

SICUTOOL

UTENSILI 2019



SICUTOOL



VERSIONE INGLESE





CONDITIONS OF SALE

The Conditions of Sale are an integral part of the Company Quality System according to standard UNI EN ISO 9001.

The communications that vary the catalogue (corrections, changes, articles that can no longer be provided, etc.) are published monthly on the Sicutool website and on the flip-book version of the catalogue (www.sicutool.it/flip-book).

Orders are accepted on the basis of the following conditions:

PRICE, MINIMUM VALUE AND PAYMENTS

1. The prices are intended ex-works, excluding VAT. For orders with deadlines, the quotes at the time of delivery apply.

Our prices include standard packaging.

2. The payments, based on the terms agreed, should be made in the name of our company.

- For any delayed payments, the interest will be counted plus any additional expenses.
- No arbitrary deductions are accepted.
- Any changes made to the payment conditions must be agreed in advance and cannot have a retroactive effect.

DELIVERIES AND COLLECTIONS

3. The orders are dispatched on settlement within the limits of availability, unless the client specifically indicates to reserve any remaining inventory.

If the client decides to always reserve the non-dispatched material for his orders, he should provide written communication of this.

The remaining inventory is combined with the first, next order. For each order, the client should specify a clear means of transport.

4. The goods travel at the client's risk and danger, even if dispatched free port with the invoice debited. In the event of damage, theft or loss of delivery during transport, the relevant claims should be addressed to the carrier, who is directly responsible.

5. You are advised to check at the time of delivery, other than the packaging being intact, that the distinctive data outlined on our transport document correspond to the goods actually delivered. In the presence of disputes, the carrier's document must be signed with reservation.



6. For collections from our warehouse in Milan, orders must reach us on headed paper or stamped and signed by the responsible person of the company making the request. The appointed staff member must sign the transport documents, ensuring they have indicated the date of collection and the number of packages.

COMPLAINTS, RETURNS AND REPLACEMENTS

7. Complaints are accepted within eight days of receipt of the goods.

8. Materials returned due to wrong orders or for reasons not attributable to us, will only be accepted if authorised in advance.

For this type of return, a strict 10% charge will be applied for the control activity and new insertion in the warehouse.

9. Any faulty tools will be replaced under warranty, on agreement with our company.

10. The return will only be accepted if sent carriage free and with the transport document outlining the references to our sales invoice/T.D.

11. For returns, you need to compile the relevant transport form, which can be downloaded on sicutool.com/resi.

- We cannot replace tools damaged or broken due to inexpert use.

TECHNICAL INFORMATION AND COPYRIGHT

12. The data, colours and technical characteristics of this catalogue are approximate and non-binding. Any changes for improvement may occur without prior notice for the client.

This also applies for cancellation of items in the catalogue due to the impossibility of supply beyond our control.

- We would like to remind our clients that the texts, illustrations, brands and numbers distinguishing the items in this catalogue are protected by copyright.
- Reproduction, even partial, of the catalogue is forbidden if not expressly authorised by use in writing.

IF YOU WANT SICUTOOL YOU SHOULD GET SICUTOOL

13. Any request sent by the consumer with the item number relevant to this catalogue but other similar items are dispatched is classified as fraud and punishable by law.

14. In the event of dispute, the competent court is the Court of Milan.





THE SICUTOOLS, TO WORK WELL TOGETHER

To pass from hand to hand the information necessary to choose, order and use the products, effective and shared tools are needed.

THE SICUTOOLS family was born to respond precisely to this need.

Printed catalogue

Gives an overview of the Sicutool offer

Web catalogue and m.sicutool.it

Offer multimedia contents, updates and interactivity

Flip-book

Contains monthly updates to the printed catalogue

MySCU, SOL Desktop and app SOL

For online orders (distributors) and reminders (end users)

Sicu Data

To import into ERP or e-shop price list and contents of the catalogue

Web site

To request support and assistance

Newsletter

To receive all communications from Sicutool

**On www.sicutool.it
all links to THE SICUTOOLS**



Available on the
App Store

Use the QR code
to download the
app SOL for iPad.



NEWS 2019: FROM CATALOGUE TO CART WITH A CLICK, THANKS TO THE QR CODES

The QR codes printed on the header of each page of the Sicutool Utensili 2019 catalogue allow you to access the web catalogue and the shopping cart. A click is enough to send online orders (distributors) and save reminders (end users). Here's how to do it:



1. SCAN THE QR CODE

With the smartphone or tablet, scan the QR code on the header of each page of the print catalogue.

2. ACCESS THE WEB CATALOGUE

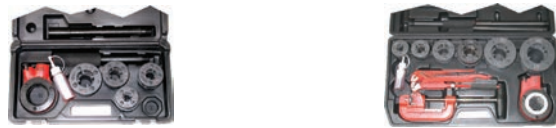
Access the corresponding page of the web catalogue and select the desired product, on whose card you will also find additional multimedia content.

3. ORDER OR SAVE A REMINDER

Put the desired products in the shopping cart and order them from Sicutool, if you are a distributor.

If you are an end user, save the reminder and share it with your trusted Sicutool distributor.

1 THREADING MACHINES FOR HYDRAULICS



2 PLIERS, CUTTERS, SHEARS, TOOLS FOR BENDING



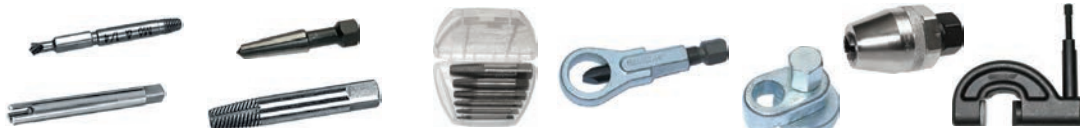
3 WRENCHES, TROLLEYS, WORKSHOP FURNITURES



4 DRILLING TOOLS TOOLS FOR VALVES



5 PULLERS NUT SHEARS



6 TOOLS AND ACCESSORIES FOR MACHINE TOOLS



7 ELECTRIC & AIR TOOLS - BRUSHES GRINDING WHEEL DRESSES



8 SCREWDRIVERS PROTECTION TRANSPORT LIFTING - FILES HACKSAWS



9 HAMMERS PLUGS, SPRINGS PERCUSSION CLAMPING ELEMENTS



10 WELDING AIR-GAS TREATMENT PROTECTION



11 METROLOGY TOOLS



12 TOOLS FOR GLASS, WOOD, BUILDING MAT. ABRASIVES



13 TOOLS FOR CHIP REMOVAL



14 TOOLS -ANTI-CORROSION -STAINLESS STEEL -ANTI-SPARK





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FLIP-BOOK

There are **3 good reasons** to use the online browsable catalogue, available on www.sicutool.it/flip-book

Monthly update

Every month the flip-book publishes and highlights corrections and articles that are no longer available

Useful tools

Search engine; saving, printing and sharing catalogue pages, even single ones; bookmarks

Integration

Just one click to go from the flip-book to the product card on the web catalogue to

- ▶ Refer to additional technical documentation
- ▶ Watch videos
- ▶ Send online orders (distributors)
- ▶ Save reminders (end users)

All items are in sequence. It's very easy to find them!

Ratchet threaders



From **45G**
To **46G**

Ratchet threaders



55G

Ratchet threaders



From **56**
To **60**



RATCHET THREADERS

45G

SCU



gas conico
BSPT

Prod. SCU

RATCHET-type

With octagonal connection bushes, interchangeable with other European products.

Steel body and oversized thread chaser holder for perfect threading.

Thread chasers in high-resistance steel (HRC 55-58), resharable.

Steel reversible ratchet, soft-coated handles for a more comfortable and efficient grip.

Threading conical gas BSPT. Right-hand use. In rugged plastic case.

Size		1	2	2A
For pipes Ø	poll	3/8-1/2-3/4-1	3/8-1/2-3/4-1-1.1/4	1/4-3/8-1/2-3/4-1-1.1/4
Bushes	Nr	4	5	6
45G	Each	322,00	385,00	433,00
Size		3	4	5
For pipes Ø	poll	1.1/2-2	3/8-1/2-3/4-1-1.1/4-1.1/2-2	1/4-3/8-1/2-3/4-1-1.1/4-1.1/2-2
Bushes	Nr	2	7	8
45G	Each	350,00	630,00	678,00

SPARE PARTS FOR RATCHET THREADERS 45 G - 46 G

Set of 4 right thread chasers.

For pipes Ø	poll	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
O45GA	Series	29,80	29,80	29,80	29,80	29,80	41,30	47,80	58,80

Dimensions of thread chasers O45 GA: 18x25.4x22 mm.

Right bushes with thread chasers.

For pipes Ø	poll	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
O45GC	Each	52,10	52,10	52,10	52,10	56,90	66,30	112,00	112,00

Loose ratchets for bushes from 1/4" to 1.1/4".

O45GE	Each	96,10
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Loose ratchets for bushes from 1.1/2" to 2".

O45GF	Each	132,00
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Reduction for installing bushes Art. 045 GC 1/4" - 3/8" - 1/2" - 3/4" - 1" - 1.1/4" on the ratchet Art. 045 GF.

External connection 71mm, internal connection 52mm.

O45GH	Each	18,50
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RATCHET THREADERS WITH EQUIPMENT

46G

SCU



gas conico
BSPT

Prod. SCU

RATCHET-type

With octagonal connection bushes, interchangeable with other European productions.

Steel body and oversized thread chaser holder for perfect threading. Thread chasers in high-resistance steel (HRC 55-58), resharable. Steel reversible ratchet, soft-coated handles for a more comfortable and efficient grip.

Threading conical gas BSPT. Right-hand use.

Complete with 1 pipe cutter 2", 1 adjustable pliers 250mm

and 1 pipe wrench 1".

In rugged plastic case.

For pipes Ø	poll	1/2-3/4-1-1.1/4-1.1/2-2
Bushes	Nr	6
46G	Each	743,00

Spare parts for ratchet threaders, see Art. 045 GA and 045 GH.



ELECTRIC THREADING MACHINES

Prod. SCU

For BSPT RIGHT threads from 1/4" to 2" and bars from 10 to 52mm.
 Fixed bench type, professional and powerful.
 750 Watt condenser engine, 220 Volt monophase-50 Hz, very silent.
 With automatic lubrication system, rotating pipe thread.
 Speed 28 RPM. Weight kg 65.

Equipped with:

- 1 Chaser holder, manual opening, from 1/2" to 2".
- 2 Sets of 4 thread chasers from 1/2" - 3/4" to 1" - 2".
- 1 Roller pipe cutter, reamer, cutting oil.

55G Each **3.430,00**

The same ratchet threader is available on request with 110 V monophase engine-60Hz.
 Pedal control available on request.

SPARE PARTS FOR RATCHET THREADERS 55 G

Chaser holder, manual opening, from 1/4" to 2".

O55GA Each **531,00**

Set of no. 4 thread chasers from 1/4" to 3/8" (not included).

O55GB Series **226,00**

Set of no. 4 thread chasers from 1/2" to 3/4".

O55GC Series **226,00**

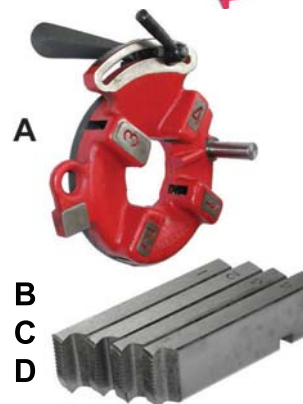
Set of no. 4 thread chasers from 1" to 2".

O55GD Series **226,00**

Dimensions of thread chasers 9,4x26,9x76 mm.

SCU

55G



gas conico
BSPT

CUTTING OIL SICUT 22 FOR THREADING MACHINES

Prod. SCU

Water soluble Type. Suitable for threading pipes in stainless steel.
 In 5 kg container.

56 Each **65,80**

SCU

56



PIPE SUPPORTS

Prod. SCU

Model with adjustable height ranging from 750 - 1,200 mm. Load 50 Kg.
 Very strong and stable, useful for holding rods or long and heavy tubes, providing the stability which is needed for a perfect rotation and threading.
 With 2 rollers. Weight 5 Kg.

60 Each **504,00**

SCU

60



NEW!

NEW ITEMS GROUP 2



207GRE

Pliers for socket terminals
▶ P. 38

GEDORE



207GSE

Pliers for socket terminals
▶ P. 38



355GZBA

Torque wrenches in hardened steel insulated according to VDE standards
▶ P. 66



355GZBE

Ratchet levers in hardened steel insulated according to VDE standards
▶ P. 66



355GZBF

Extensions in hardened steel insulated according to the VDE standards
▶ P. 66



355GZBL

Hexagonal sockets in hardened steel insulated according to VDE standards
▶ P. 66



355GZT

Hardened steel bit-holder handles insulated according to VDE standards
▶ P. 67



359E

Set of hardened steel tools insulated according to VDE regulations
▶ P. 72

GEDORE



368P

Adjustable wrench pliers
▶ P. 77

GEDORE



396L

Strap wrenches for oil filters
▶ P. 84



401

Chain cutter tool in kit
▶ P. 85



429GR

Clamp GRIP pliers
▶ P. 90



485G

Wire twisters pliers
▶ P. 97



485GD

Wire twisters pliers
▶ P. 98



486GE

Manual staplers
▶ P. 98



488GC

Metal staples for staplers
▶ P. 99



493GSE

Manual clamping and nailing machines
▶ P. 101



499D

Riveting pliers
▶ P. 103



618GV

Manual wire cutter for steel ropes
▶ P. 127



619GMD

Manual wire cutter for steel ropes and electric cables
▶ P. 128



619GMZ

Ratchet wire cutters for steel ropes
▶ P. 128

All items are in sequence. It's very easy to find them!

Pliers for electronics and fine mechanics		From 90A To 181G
Wire strippers Cable strippers		From 186 To 202GCE
Crimping pliers Crimping pliers for connectors and for terminals Terminals		From 202GCP To 209V
Pliers		From 210GP To 347GR
High insulated VDE tools		From 350GA To 359GE
Wrenches for control cabinets Unravel chains Pliers & wrenches for special usage Multigrip and click pliers - Grip pliers Punching pliers - Folding pliers Punching pliers for eyelits and seals		From 359GL To 485GL
Staple guns - Staple remover Riveters Threaded rivets pliers Rivets, threaded inserts Saw setting pliers		From 486 To 516G
Cutters for kevlar and glass fiber Cutters for plastics Cutters for electronics Cutters Compound action cutters		From 546G To 599GB
Iron cutters - Cable cutters Rope cutters Pincers - Scissors Knives Drawsprings		From 602E To 665E
Snips and shears for plate Bar benders Technical pumps Gully pumps Pipe benders - Flaring and expanding tools		From 665T To 786E





ELECTRONICS AND FINE MECHANICS PLIERS

90A

SCU

**Prod. SCU**

In special steel. Hardened noses. Single hinge.
Soft feel insulated handles, with spring.
Burnished finish.

With smooth, straight, flat noses.

Type		140	150
Overall length	mm	140	160
Jaws length	mm	16	26
90A	Each	12,30	12,40

90B

SCU



Product description as Art. 90A

With serrated, straight, flat noses.

Type		140	150
Overall length	mm	140	160
Jaws length	mm	16	26
90B	Each	12,30	12,40

90E

SCU



Product description as Art. 90A

With smooth, straight, fine noses.

Type		140	150
Overall length	mm	140	160
Jaws length	mm	16	26
90E	Each	13,50	13,60

90F

SCU



Product description as Art. 90A

With serrated, straight, fine noses.

Type		140	150
Overall length	mm	140	160
Jaws length	mm	16	26
90F	Each	13,80	13,80

90H

SCU



Product description as Art. 90A

With smooth, straight, half-round noses.

Overall length	mm	160
Jaws length	mm	28
90H	Each	13,70

90I

SCU



Product description as Art. 90A

With serrated, straight, half-round noses.

Overall length	mm	160
Jaws length	mm	28
90I	Each	13,70

90P

SCU



Product description as Art. 90A

With smooth, bent, flat noses.

Overall length	mm	140
Jaws length	mm	25
90P	Each	15,70

90R

SCU



Product description as Art. 90A

With serrated, bent, flat noses.

Overall length	mm	140
Jaws length	mm	25
90R	Each	15,90

90S

SCU



Product description as Art. 90A

With smooth, bent, half-round noses.

Overall length	mm	140
Jaws length	mm	25
90S	Each	16,80



Product description as Art. 90A

With serrated, bent, half-round noses.

Overall length mm 140
Jaws length mm 25

90T Each **16,80**

For bolt cutters of the same line, see Art. 550 K a 550 Z.

SCU



90T



In special steel. Smooth, hardened noses.

Single hinge. Dual component insulated handles, with spring.

Burnished finish.

With straight, flat, smooth noses.

Overall length mm 125
Jaws length mm 23

92GA Each **14,70**

SCU



92GA



Product description as Art. 92GA

With straight, round, smooth noses.

Overall length mm 125
Jaws length mm 25

92GC Each **15,90**

SCU



92GC



Product description as Art. 92GA

With straight, half-round, knurled noses.

Overall length mm 125
Jaws length mm 23

92GE Each **16,10**

SCU



92GE



Product description as Art. 92GA

With bent, half-round, smooth noses.

Overall length mm 125
Jaws length mm 25

92GL Each **14,70**

SCU



92GL



Product description as Art. 92GA

Type with half-round, fine noses, smooth and straight.

Overall length mm 150
Jaws length mm 45

92GP Each **17,10**

SCU



92GP



Product description as Art. 92GA

Universal pliers type, small and handy. Knurled noses.

Overall length mm 125

92GR Each **18,10**

SCU



92GR



Product description as Art. 92GA

Assortment in hard plastic case.

The set contains 8 pcs.

Composition:

1 pliers Art. 92 GE

1 pliers Art. 92 GL

1 pliers Art. 92 GP

1 cutter Art. 551 G 3

1 cutter Art. 551 G 7

1 tweezers for electronics, fine tips mm 115

1 screwdriver for electronics, flat-tipped mm 50x2

1 screwdriver for electronics, cross-tipped PH 00

93G Each **109,00**

SCU

93G





95GA

SCU



In forged steel. Extra-long, hardened noses. Single hinge.
Plastic-coated handles. Polished finish.
Type with thin tips and straight, grain grip finish, half-round noses.

Overall length mm 160
Jaws length mm 58

95GA Each **47,40**

95GE

SCU



Product description as Art. 95GA
Type with thin tips and bent, grain grip finish, half-round noses.

Overall length mm 160
Jaws length mm 54

95GE Each **50,40**

100A

SCU INOX



In stainless steel. Long, hardened noses. Single hinge.
Plastic-coated handles, with spring.
Matt finish.

Type with straight, smooth, flat noses.

Overall length mm 150
Jaws length mm 47

100A Each **19,60**

100E

SCU INOX



Product description as Art. 100A
Type with straight, smooth, half-round noses.

Overall length mm 150
Jaws length mm 47

100E Each **19,60**

100L

SCU INOX



Product description as Art. 100A
Type with bent, smooth, half-round noses.

Overall length mm 150
Jaws length mm 43

100L Each **19,60**

For cutters of the same line see Art. 553 A and 553 B

106GA

GEDORE



Orig. Gedore - Art. 8305-9

In special steel. Hardened noses. Double hinge. Dual component insulated handles for comfortable and safe gripping. Double pressure spring for opening the handles. Polished finish.

Type with fine, straight, smooth, flat noses.

Overall length mm 135
Jaws length mm 23

106GA Each **55,40**



106GF

GEDORE



Orig. Gedore - Art. 8307-4

Product description as Art. 106GA
Type with long, fine, smooth, half-round noses.

Overall length mm 145
Jaws length mm 31

106GF Each **55,90**





Orig. Gedore - Art. 8305-2

Product description as Art. 106GA

Type with extra-long, straight, grain grip finish, half-round noses.

Overall length	mm	165
Jaws length	mm	39

106GL	Each	62,30
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Orig. Gedore - Art. 8305-6

Product description as Art. 106GA

Type with extra-long, fine, straight, smooth, half-round noses.

Overall length	mm	160
Jaws length	mm	40

106GP	Each	60,90
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Orig. Gedore - Art. 8307-3

Product description as Art. 106GA

Type with fine, bent, grain grip finish, half-round noses.

Overall length	mm	140
Jaws length	mm	31

106GR	Each	60,00
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Orig. Gedore - Art. 8307-7

Product description as Art. 106GA

Type with extra-long, bent, smooth, half-round noses.

Overall length	mm	165
Jaws length	mm	35

106GT	Each	55,90
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For cutters in the same range see Art. 557 G to 557 GZ.

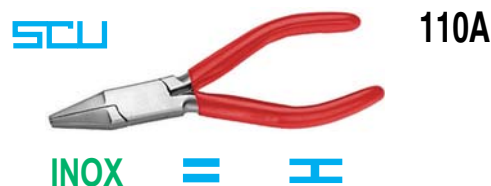
Prod. SCU

In stainless steel. Hardened noses. Double hinge. Plastic-coated handles, with spring. Polished finish.

Type with straight, smooth, flat noses.

Overall length	mm	115	130
Jaws length	mm	23	26

110A	Each	16,90	16,90
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Product description as Art. 110A

Type with straight, grain grip finish, flat noses.

Overall length	mm	130
Jaws length	mm	26

110B	Each	16,90
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Product description as Art. 110A

Type with straight, smooth, round noses.

Overall length	mm	130
Jaws length	mm	26

110C	Each	17,10
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Product description as Art. 110A

Type with straight, smooth, half-round noses.

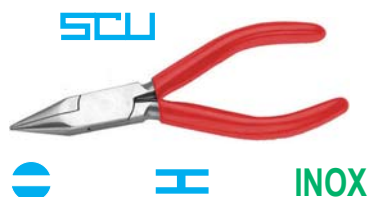
Overall length	mm	115	130
Jaws length	mm	23	26

110E	Each	17,20	17,20
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110F



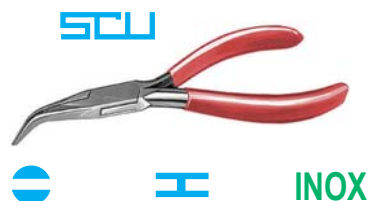
Product description as Art. 110A

Type with straight, grain grip finish, half-round noses.

Overall length	mm	130
Jaws length	mm	26

110F	Each	17,20
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110L



Product description as Art. 110A

Type with bent, smooth, half-round noses.

Overall length	mm	140
Jaws length	mm	38

110L	Each	17,60
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For bolt cutters of the same line, see Art. 560 A to 560 D.

110T



In stainless steel. Smooth, hardened noses. Double hinge.

Plastic-coated handles, with spring. Bright finish.

Assortment in sturdy rollable fabric bag.

The set contains 6 pcs.

Composition:

1 pliers Art. 110 A 130

1 pliers Art. 110 C

1 pliers Art. 110 E 130

1 pliers Art. 110 L

1 cutter Art. 560 A

1 cutter Art. 560 B 130

110T	Each	137,00
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STAINLESS STEEL, ANTIMAGNETIC PRECISION TWEEZERS FOR ELECTRONICS

130A



Prod. SCU

In stainless steel, antimagnetic, non-reflective, hardened.

Smooth gripping surfaces, suitable for printed circuits and microelectronics applications.

Short tweezers with straight, fine, convex tips (Mod. 3C).

Overall length	mm	110
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130A	Each	4,30
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130C



Product description as Art. 130A

Short tweezers with straight, extra-fine tips (Mod. 5).

Overall length	mm	110
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130C	Each	4,54
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130D



Product description as Art. 130A

Tweezers with long, straight, fine tips, strong clamping (Mod. 00).

Overall length	mm	120
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130D	Each	4,04
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130E



Product description as Art. 130A

Tweezers with rounded, straight, flat tips (Mod. 2A).

Overall length	mm	120
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130E	Each	4,30
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130F



Product description as Art. 130A

Tweezers with straight, fine tips, strong clamping (Mod. AA).

Overall length	mm	120
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130F	Each	4,12
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130H



Product description as Art. 130A

Narrow, long tweezers with straight, fine tips (Mod. SS).

Overall length	mm	135
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130H	Each	4,34
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Product description as Art. 130A
 Short tweezers with curved, fine, convex tips (Mod. 3CB).
 Overall length mm 110
130L Each **4,58**



SCU **INOX** **130L**

Product description as Art. 130A
 Short tweezers with oblique, extra-fine tips (Mod. 5A).
 Overall length mm 120
130M Each **4,34**



SCU **INOX** **130M**

Product description as Art. 130A
 Tweezers with curved, fine tips, strong clamping (Mod. 2B).
 Overall length mm 115
130P Each **4,04**



SCU **INOX** **130P**

Product description as Art. 130A
 Tweezers with rounded, curved, flat tips (Mod. 2AB).
 Overall length mm 120
130R Each **4,00**



SCU **INOX** **130R**

Product description as Art. 130A
 Tweezers with curved, fine tips (Mod. SSC).
 Overall length mm 135
130T Each **4,00**



SCU **INOX** **130T**

Assortment in a plastic package.
 Contains 6 items.
 Composition:
 1 pliers Art. 130 A
 1 pliers Art. 130 C
 1 pliers Art. 130 D
 1 pliers Art. 130 E
 1 pliers Art. 130 L
 1 pliers Art. 130 P.
131A Each **25,80**



SCU **INOX** **131A**

In stainless steel, antimagnetic, non-reflective, hardened.
 Smooth gripping surfaces, suitable for handling and assembling electronic components.
 Tweezers with rounded, flat tips.
 Overall length mm 120
133A Each **3,92**



SCU **INOX** **133A**

Product description as Art. 133A
 Tweezers with large, flat tips.
 Overall length mm 115
133B Each **3,92**



SCU **INOX** **133B**

Product description as Art. 133A
 Self-locking type with sharp tips.
 Overall length mm 120
133E Each **4,12**



SCU **INOX** **133E**

Product description as Art. 133A
 Self-locking type with curved sharp tips.
 Overall length mm 120
133F Each **4,12**



SCU **INOX** **133F**



135GA SCU INOX



In stainless steel 18/10, hardened.
Suitable for handling electronic components.
Smooth gripping surfaces.
Suitable for flat components.

Overall length	mm	145
Operating parts width	mm	5
135GA	Each	5,48

135GE 1 SCU INOX
135GE 3
135GF



Product description as Art. 135GA
Tweezers with hollow tips for flat components.

Art.	135GE 1	135GE 3	135GF	
Useful capacity Ø	mm	1,5	3,5	5
Operating parts width	mm	3,5	3,5	5
Overall length	mm	120	120	145
Each		6,06	6,06	6,06

135GH SCU INOX



Product description as Art. 135GA
Tweezers with hollow tips for oblique components with Ø from 5 mm.

Overall length	mm	145
Operating parts width	mm	5
135GH	Each	6,86

ELECTRONICS TWEEZERS

135GP SCU



Prod. SCU
In hardened steel, PTFE-coated.
Particularly suitable for use with acids, liquid binders, etc.
With rounded, straight tips.

Overall length	mm	145
135GP	Each	5,48

135GS SCU



Product description as Art. 135GP
Type with fine, curved tips. With pin.

Overall length	mm	155
135GS	Each	5,28

136GA SCU



In hardened steel, PCV-coated. Serrated tips.
With rounded, straight tips.

Overall length	mm	145
136GA	Each	5,10

136GB SCU



Product description as Art. 136GA
With fine, curved tips.

Overall length	mm	155
136GB	Each	5,40

138GA SCU 



In hardened steel, insulation up to 1000 V. Nickel-plated finish.
Serrated tips.

Overall length	mm	145
138GA	Each	21,90

138GB SCU 



Product description as Art. 138GA
With fine, curved tips.

Overall length	mm	155
138GB	Each	23,40

139 SCU INOX



In stainless steel. Polished finish. Self-locking, serrated tips.

Overall length	mm	160
139	Each	10,90



PLASTIC TWEEZERS

Prod. SCU

In nylon fibre which is resistant to heat up to 130° C and acids. Non-magnetic, insulating. Type with grain grip finish tips.

Overall length	mm	105
140	Each	1,96

SCU



140

STEEL TWEEZERS

Prod. SCU

In stainless steel. Narrow type with smooth, flat tips.

Overall length	mm	120
142	Each	3,92

SCU

INOX



142

Product description as Art. 142

Large type with smooth, flat tips.

Overall length	mm	125
145	Each	3,92

SCU

INOX



145

Product description as Art. 142

EXTRA-large type with smooth, flat tips. Strong clamping.

Overall length	mm	140
145P	Each	4,16

SCU

INOX



145P

In hardened steel. Nickel-plated finish.

Tweezers with serrated, sharp, fine tips.

Overall length	mm	160
146GA	Each	5,88

SCU

146GA



In stainless steel

Tweezers with serrated, rounded, fine tips.

Overall length	mm	160
146GB	Each	5,88

SCU

INOX



146GB

Product description as Art. 146GB

Tweezers with serrated, rounded, straight tips.

Overall length	mm	160	200	250	300
146P	Each	4,08	4,94	6,86	8,80

SCU

INOX



146P

Product description as Art. 146GB

Tweezers with serrated, rounded, straight tips. With guide pin.

Overall length	mm	145
150	Each	4,12

SCU

INOX



150

Product description as Art. 146GB

Tweezers with serrated, fine, curved tips. With guide pin.

Overall length	mm	155
151	Each	4,00

SCU

INOX



151

Product description as Art. 146GB

Printer's tweezers with serrated tips.

Overall length	mm	165
155	Each	3,92

SCU

INOX



155

Product description as Art. 146GB

Tweezers with curved, hardened tips. Self-locking with gripping pads.

Overall length	mm	160
159	Each	4,54

SCU

INOX



159



2

STEEL TWEEZERS WITH LENS

165

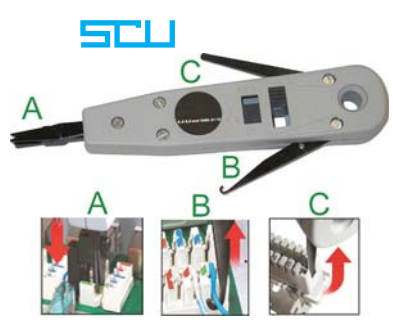


Prod. SCU
 Fully stainless steel articulated body.
 Tweezers with smooth, flat, fine tips, length 80mm. Lens diameter 25mm.
 5x magnification.

165	Each	10,80
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WIRING INSTRUMENTS

170G



Prod. SCU
 Tool made of plastic material to insert cables in trays, electric sockets and electric boards.
 Suitable for UTP and STP cables Ø 0,4 to 0,8mm. Insertion and residual cable cut-off in one step.
 With draw hook and release blade. Overall length 175mm.

170G	Each	77,20
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ELECTRONICS WIRE STRIPPERS

175



Prod. SCU
 In special steel. Hardened noses. Single hinge.
 Soft feel insulated handles, with spring. Burnished finish.
 Pliers-type with adjustment system to strip wire without damaging it.

Capacity for Ø	mm	0,20 to 0,64
Overall length	mm	141
175	Each	21,10

176A



Product description as Art. 175
 Combined type with wire stripper, shears, pliers.

Capacity for Ø	mm	0,2 to 0,8
Overall length	mm	168
176A	Each	14,40

176B



Product description as Art. 175
 Combined type with wire stripper, shears, pliers.

Capacity for Ø	mm	0,8 to 2,6
Overall length	mm	168
176B	Each	13,80

Products for mechanics and electricians, see Art. 574 G.

WIRE STRIPPERS FOR FIBRE OPTICS

180G



Prod. SCU
 In special steel. Hardened noses. Dual component handles. With adjustment system for stripping wires without causing damage. Double wire stripper to remove primary and secondary coating from wires max Ø up to 125 µm.

Overall length	mm	135
180G	Each	96,40

WIRE STRIPPERS FOR PTFE

181G



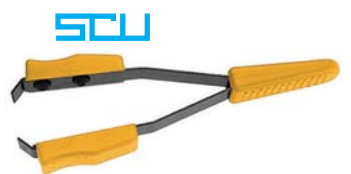
Per PTFE

Prod. SCU
 In special steel. Hardened noses. Dual component handles. With double-step adjustment/clamping system for stripping PTFE-coated copper wires from 0,005 to 0,14 sqmm (AWG 40-26).
 First step for wires 0,02/0,01 sqmm. and 0,008/0,005 (AWG 34/36 and 38/40).
 Second step for wires 0,14/0,08 sqmm. And 0,06/0,03 sqmm (AWG 26/28 and 30/32).

Overall length	mm	135
181G	Each	116,00

WIRE STRIPPER

186



Prod. SCU
 Interchangeable jaws in hardened steel. Plastic gripping pads.

Wires Ø	mm	0,5	0,6	0,8	1,0
Overall length	mm	130	130	130	130
186	Each	7,32	7,32	7,32	7,32



Universal type, suitable for stripping wires and cables with circular section. Etching depth of the blades by pressing of the two shells. Opening spring and locking button. Body made of synthetic material reinforced with fiberglass. Of small dimensions for places difficult to access.

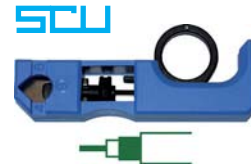
Overall length	mm	120
For cables with ext. Ø	mm	8 to 13
186E	Each	19,40



186E

Versatile and compact, body made of synthetic material. Suitable for stripping any kind of standard cables as well as RG 58/59/62 coaxial cables, UTP and STP cables. Adjustable blade

Overall length	mm	100
For cables with ext. Ø	mm	0,75 to 10
186G	Each	20,80



186G

Suitable for stripping coaxial cables and highly flexible cables. Adjustable blade cutting depth by pressing the operating parts. Opening spring and locking button. Body made of synthetic material reinforced with fiberglass. Of small dimensions for places difficult to access.

Overall length	mm	110
Capacity for sections	mm ²	3x0,75-10-16
For co-axial cables with	mm	4,8 to 7,5
187G	Each	19,40



187G

Suitable for stripping very long coaxial cables and highly flexible cables. Adjustable blade cutting depth by jaw pressure. Body made of synthetic material reinforced with fiberglass. Side cable cutter.

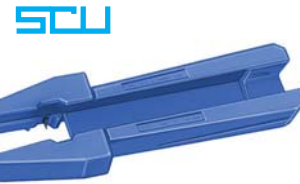
Overall length	mm	120
Capacity for sections	mm ²	3x0,75-10-16
For co-axial cables with	mm	4,8 to 7,5
188G	Each	24,10



188G

Universal type suitable for stripping wires, cables and coaxial cables. Used for removing the insulating covering, both longitudinally and transversally. Adjustable blade by jaw pressure. Plastic handle.

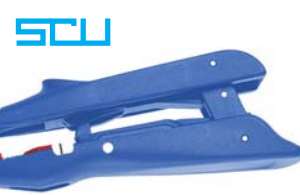
Overall length	mm	135
Capacity for sections	mm ²	0,5 to 16
For co-axial cables with	mm	4 to 8
For cables with ext. Ø	mm	4 to 13
189G	Each	21,90



189G

Spring type. Suitable for automatically removing the insulating covering from conductors. Body made of synthetic material reinforced with fiberglass. Steel blades. With indication of the stripping length from 8mm to 20mm. Wire cutter included.

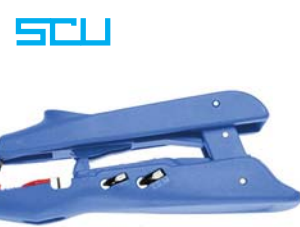
Overall length	mm	150
Capacity for sections	mm ²	0,5 to 6
190G	Each	23,40
Spare blades for Art.190 G.		
O190G	Per pair	5,46



190G

Combined type. Suitable for automatically removing the insulating covering from conductors and fixing terminals. Body made of synthetic material reinforced with fiberglass.

Steel blades. Stripping length 5mm. Wire cutter included.		
For insulated terminals from 0.5 to 2.5 sqmm and 4 to 6 sqmm.		
Overall length	mm	150
Capacity for sections	mm ²	0,5 to 6
190GF	Each	69,60
Spare blades for Art.190 GF.		
O190GF	Per pair	5,46



190GF

WIRE STRIPPERS PLIERS

Orig. Gedore - Art. 8098 JC

In high-resistance steel. Hardened cutting edges. For removing the insulating coating without damaging the copper cable. Capacity 0,8 to 6 sqmm. Dual component insulated handles. Chrome-plated noses.

Overall length	mm	160
191GB	Each	34,10



191GB

Prod. SCU

Product description as Art. 191GB

Polished jaws.		
Overall length	mm	160
191GP	Each	26,90



191GP

VDE-EN 60900 safety insulation type, see Art. 352 GP-352 GR-355 GR.



SELF-ADJUSTING WIRE STRIPPING PLIERS

192GB



Orig. Gedore - Art. 8099 JCP

Self-adjusting type according to the external diameter of the insulated cable. Complete with steel blades perfectly adhering to the insulation. Chrome-plated head. Dual component insulated handles.

Capacity for sections mm² 0,5 to 5
Overall length mm 150

192GB Each **75,90**

When stocks are depleted, we will provide pliers with handles in different form.

192GF



Prod. SCU

Pistol-type.

Body made of polyamide and fiberglass. Insulated, for wires 0.2 to 6 sqmm. And cable cutter up to

Overall length mm 180

192GF Each **29,40**

193G



Professional type. Suitable for stripping single, multiple, thin wires with resin or rubber sheath. Self-adjusting blades according to the external diameter of the wire sheaths. Sheath removal without scratching the conductors. Cutting blades in hardened steel. Body made of plastic material reinforced with fiberglass. Handles covered in soft anti-slip material. Light and sturdy. Adjustable stripping length from 5 to 15mm. A cable cutter is inserted on the pliers head.

Capacity for sections mm² 0,2 to 1,5
Overall length mm 160

193G Each **115,00**

193GF



Professional type. Suitable for stripping cables of different sizes. Self-adjusting blades according to the external diameter of the cable sheaths. Sheath removing without scratching the conductors. Cutting blades in hardened steel. Body made of plastic material reinforced with light and rugged fiberglass for stripping rigid and flexible conductors and thin metal straps. Adjustable stripping length from 5 to 20mm. A cable cutter is inserted on the pliers head.

Capacity for sections mm² 0,08 to 6
Overall length mm 200

193GF Each **118,00**

193GH



Super-professional type. Suitable for stripping cables of different sizes. Self-adjusting blades according to the external diameter of the cable sheaths. Sheath removing without scratching the conductors. Cutting blades in hardened steel. Body made of plastic material reinforced with light and rugged fiberglass for stripping rigid and flexible conductors and thin metal straps. Adjustable stripping length from 3 to 18mm. A cable cutter is inserted on the pliers head.

Capacity for sections mm² 0,03 to 10
Overall length mm 195

193GH Each **151,00**

193GL



Professional type. Suitable for stripping cables of different sizes. Self-adjusting and micrometer screw for the depth of the blades according to the external diameter of the cable sheaths. Sheath removing without scratching the conductors. Cutting blades in hardened steel. Body made of plastic material reinforced with light and rugged fiberglass for stripping rigid and flexible conductors and thin metal straps. Adjustable stripping length from 3 to 18mm. A cable cutter is inserted on the pliers head.

Size **10** **16**
Capacity for sections mm² 0,03 to 10 2,5 to 16

Overall length mm 200 200

193GL Each **121,00** **166,00**

195GA



Orig. Marvel

Industrial type. In just one operation, it removes the rubber or plastic insulation from conductors. Length 180mm.

Adjustment guide for the length of the insulation to remove.

Hardened knives, reinforced body, ribbed handle.

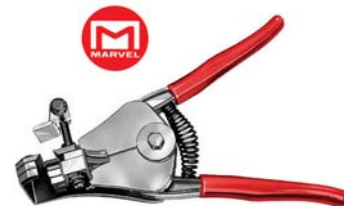
For conductors int. Ø from 0,5 to 2mm.

195GA Each **62,70**



Product description as Art. 195GA
For conductors int. Ø from 1 to 3,2mm.

195GB Each **62,70**



195GB

Product description as Art. 195GA
For braided conductors as per DIN 0,5-0,75-1-1,5-2,5-4-6 sqmm

195GD Each **62,70**



195GD

Prod. SCU - Art. Mod. PTS

Suitable for frontal stripping of insulated simple and multiple wires.
Combined with side wire cutter.
Hardened blades in high resistance steel.
Body made of fiberglass and sheet steel.
One-hand operated return spring.
Blade pressure adjustment ring.
Cut-depth stop plate.

Capacity for sections	mm ²	0,2 to 6
Overall length	mm	170
196	Each	26,70

SCU

196



Prod. SCU

Suitable for frontal stripping. A through opening in the body allows better performance on short wires and laid long cables.
Combined with side wire cutter up to Ø 3mm.
High-resistance hardened steel blades.
Body made of reinforced fiberglass.
One-hand operated return spring.
Blade pressure adjustment ring.
Cut-depth stop plate.

For insulated simple and multiple wires and flat cables

Capacity for sections	mm ²	0,5 to 16
Overall length	mm	210
196G	Each	78,50

SCU

196G



Product description as Art. 196G
For round cables, insulated simple and multiple wires.

Capacity for sections	mm ²	0,5 to 16
Overall length	mm	210
196GE	Each	78,50

SCU

196GE



Product description as Art. 196G
For round cables, single or multiple insulated wires, used in the field of solar and photovoltaic panel installation.

Capacity for sections	mm ²	1,5 to 6
Overall length	mm	210
196GP	Each	93,10

SCU

196GP





CABLE STRIPPERS

197A

SCU



Prod. SCU

Suitable for circular and longitudinal cutting to remove insulating sheaths from conductors. Body made of synthetic material reinforced with fiberglass. Steel blades with cutting depth by pressing of the two shells to remove the insulation of the conductors with sections 0.5 to 6 mm². Retractable hook to remove the insulation of cables. Length 125 mm.

Capacity for Ø	mm	8 to 13
197A	Each	37,30

UNIVERSAL MULTIPURPOSE CABLE STRIPPERS

197G

SCU



Prod. SCU

Type with insulated dual component handle, strong clamping. Suitable for stripping electric cables Ø 8 to 13mm, PVC insulated cables up to Ø 9mm, coaxial cables with external Ø 4,8 to 7,5mm, wire 0,5 to 6 sqmm. With 2 double bits, cross and flat (PZ 1/3,5x0,6 - PZ 2/4x0,8) working as a phase-detecting screwdriver. Voltage 110 to 250 V.

197G	Each	60,20
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Product running out of stock.

SPRING CABLE STRIPPERS

198G

SCU



Prod. SCU

Universal type to strip wires and cables. With insulated handle made of dual component material and rotating blade for circular and longitudinal incisions. Blade depth adjustment: screw.

Capacity for Ø	mm	4 to 28
Capacity for sect. cables	mm ²	0,5 to 6
198G	Each	21,90

199GA

SCU



Type with insulated dual component handle and rotating blade for circular and longitudinal cutting. Blade depth: by adjusting screw.

With phase-detector without contact, with light indicator. Voltage 50 to 600 V (frequency 50-60 Hz). For alternate current flow check in electric sockets, plugs, electric switches, lamps, cables, fuses EVEN VOLTAGE FREE. Provided with 2 button batteries 1.5 V (see Art. SCU 3600 A). Operating temperature 0° to 40°C.

Capacity for Ø	mm	4 to 28
199GA	Each	40,50

199GL

SCU



Type with insulated bicomponent handle and rotating blade for circular and longitudinal cutting. Blade depth: by adjusting screw.

Art.	199GL	199GN
Capacity for Ø	mm	4 to 16 8 to 28
Each	12,40	12,40

199GP

SCU



Product description as Art. 199GL

Art.	199GP	199GR
Capacity for Ø	mm	28 to 35 35 to 50
Each	20,30	21,20

199GRE

SCU



Product description as Art. 199GL

With straight blade and hook, retractable.

Capacity for Ø	mm	4 to 28
199GRE	Each	16,60

199GS

SCU



Product description as Art. 199GL

With straight fixed blade and hook.

Capacity for Ø	mm	4 to 28
199GS	Each	14,70

199GT

SCU



Product description as Art. 199GL

Long straight fixed blade type.

Capacity for Ø	mm	4 to 28
199GT	Each	14,70



Suitable for circular and longitudinal cutting to remove insulating sheaths from conductors. Body made of synthetic material reinforced with fiberglass.
Blade in hardened steel. With wire cutter for cutting wires up to mm2 2.
To strip wires with cross sections from mm2 0.5 to 6. With spring and latch.
Length 150 mm.

Capacity for Ø	mm	8 to 13
199GTA	Each	33,20

SCU

199GTA



Product description as Art. 199GTA

Steel blade with variable depth. Two positions adjustable cable seal arc.
Rear blade to remove the insulation of the conductor cross sections from mm2 0.5 to 6.

Capacity for Ø	mm	4 to 28
199GV	Each	50,70

Spare blades for Art.199 GV.

O199GV	Each	7,22
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SCU

199GV



For removing insulating sheaths from conductors through circular and longitudinal cutting.
Body made of coated steel, steel blade.

Blade depth adjustment, self-locking cable holding device.
Side button for the 90 ° blade orientation. Reentrant blade to remove the insulation of the wire at the end of the handle. Length 135 mm.

Capacity for Ø	mm	4,5 to 28,5
Blade max depth	mm	3
Weight	grams	120
200GA	Each	56,10

Spare blades for Art.200 GA.

O200GA	Each	10,30
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SCU

200GA



CABLE STRIPPER FOR INDUSTRIAL USE

Prod. SCU

For removing insulating sheaths from conductors, even coaxial, through circular and longitudinal cutting. Body made of coated steel, steel blades. Blade depth adjustment, cable holding device adjustable through a locking knurled roller. Side button for blade orientation to 90°. Length 160mm.

Capacity for Ø	mm	8 to 33
Blade max depth	mm	4,5
Weight	grams	165
201G	Each	145,00

Spare blades for Art.201 G.

O201GP	Each	16,20
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SCU

201G



For removing thick insulating sheaths from large conductors through circular, longitudinal and diagonal cutting. Body in high-resistance steel and die-cast ALUMINIUM alloy. SUPER-RAPID steel blade. With micrometric screw for blade depth adjustment
. Knife step-rotation by 45° - 90° - 180°. Extractable handle for adjustment and clamping in the desired diameters. With rollers for easy sliding on the sheath, rapid closing for cable clamping.

The 202 GB type is equipped with 2 inserts:
length mm 95 for cables ext. Ø from 30 to 52 mm
length mm 127 for cables ext. Ø from 20 to 44 mm.

Capacity for Ø	mm	20 to 52
Blade max depth	mm	5
Weight	grams	640
202GB	Each	595,00

Spare blades for Art.202 GB.

O202G	Each	18,60
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SCU

202GB



For removing thick insulating sheaths from conductors through circular and longitudinal cutting.
Body in fiberglass reinforced polyamide.
Blade and knurled sliding wheel made of steel. Blade depth adjustment through special screw.
Reversible blade to be used in both directions and sides.

Capacity by Ø	mm	25
Blade max depth	mm	5
Overall length as closed	mm	150
202GC	Each	314,00

Spare blades for Art. 202 GC.

O202GC	Each	103,00
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SCU

202GC



Coltello di ricambio



202GCE GEDORE



Orig. Gedore - Art. 137 ISOCUT

For stripping ground or high voltage cables with 1 or more insulating layers up to a diameter of 42 mm. Allows the possibility to perform circular and longitudinal cuts by rotating the blade, and by pressing the button on the head of the pliers. Adjustable screw depth cuttings. Immediate clamping and release, covered by a lever. Drop forged jaws and a hardened body made from sturdy sheet steel.

Capacity for Ø up to	mm	42
Cutting max depth	mm	14
Weight	Kg	0,840

202GCE	Each	195,00
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Product running out of stock.

CRIMPING PLIERS FOR COAXIAL CONNECTORS

202GCP GEDORE



Orig. Gedore - Art. 8140

Professional modular ratchet crimping tool to crimp most of mechanical, electric and electronic connectors.

The pliers can be equipped with different modular bits.

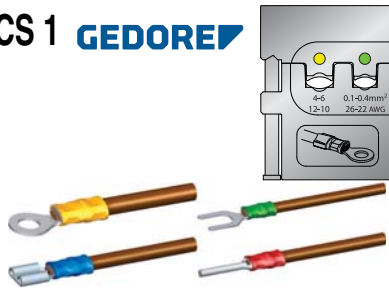
Use pros: crimping reliability and precision thanks to parallel stroke mechanism. User-friendly due to perfect visibility during crimping process and rapid release function for bit replacement with no tool required. Tool lightness assures max. comfort. Easy- to-use thanks to the interchangeable modular bits clearly marked according to their use. Versatility and low price for a pliers to be used with different kinds of connectors (power, coaxial, phone and optical fibres connectors).

PLIERS WITHOUT BITS

Overall length	mm	234
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202GCP	Each	117,00
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202GCS 1 GEDORE



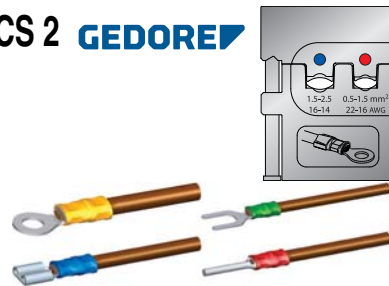
Orig. Gedore - Art. 8140-01

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Pre-insulated terminals	
For cables by	mm ²	0,1-0,4 + 4-6 (AWG 26-22 + 12-10)

202GCS 1	Each	64,80
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202GCS 2 GEDORE



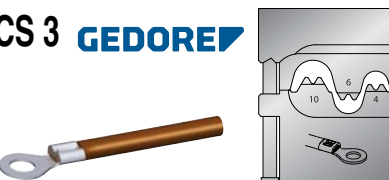
Orig. Gedore - Art. 8140-02

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Pre-insulated terminals	
For cables by	mm ²	0,5-1,5 + 1,5-2,5 (AWG 22-16 + 16-14)

202GCS 2	Each	64,80
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202GCS 3 GEDORE



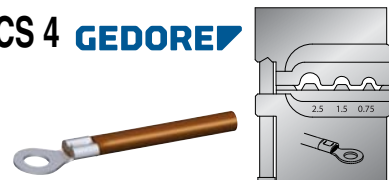
Orig. Gedore - Art. 8140-03

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Non-insulated terminals	
For cables by	mm ²	4-6-10

202GCS 3	Each	64,80
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202GCS 4 GEDORE



Orig. Gedore - Art. 8140-04

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Non-insulated terminals	
For cables by	mm ²	0,75-1,5-2,5

202GCS 4	Each	64,80
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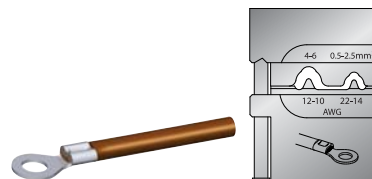
Orig. Gedore - Art. 8140-05

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Non-insulated terminals	
For cables by	mm ²	0,5-2,5 + 4-6 (AWG 22-14 + 12-10)
202GCS 5	Each	64,80



202GCS 5



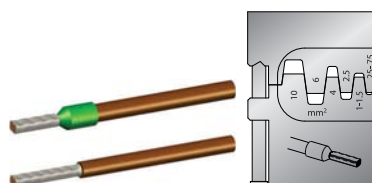
Orig. Gedore - Art. 8140-06

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Bush terminal	
For cables by	mm ²	0,25-10
202GCS 6	Each	64,80



202GCS 6



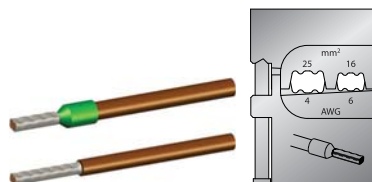
Orig. Gedore - Art. 8140-07

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Bush terminal	
For cables by	mm ²	16-25 (AWG 6-4)
202GCS 7	Each	77,50



202GCS 7



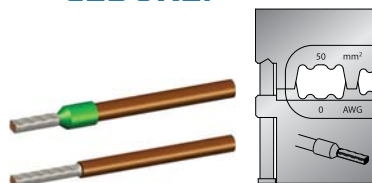
Orig. Gedore - Art. 8140-08

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Bush terminal	
For cables by	mm ²	35-50 (AWG 2-0)
202GCS 8	Each	77,50



202GCS 8



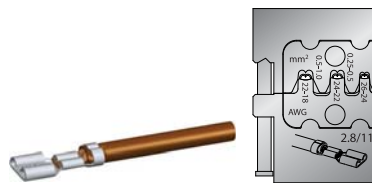
Orig. Gedore - Art. 8140-09

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Female platy terminals	
For cables by	mm ²	0,1-1 (AWG 26-18)
202GCS 9	Each	117,00



202GCS 9



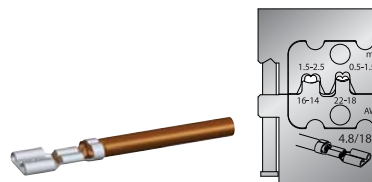
Orig. Gedore - Art. 8140-10

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Female platy terminals	
For cables by	mm ²	0,5-2,5 (AWG 22-14)
202GCS 10	Each	117,00



202GCS 10



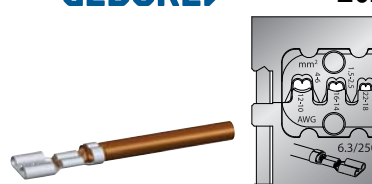
Orig. Gedore - Art. 8140-11

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Female platy terminals	
For cables by	mm ²	0,5-6 (AWG 22-10)
202GCS 11	Each	117,00



202GCS 11



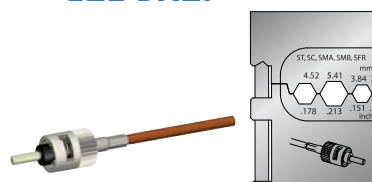
Orig. Gedore - Art. 8140-12

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Optical fibers connectors	
For cables by	mm ²	4,52/5,41/3,84/3,25 (AWG 0,178/0,213/0,151/0,128)
202GCS 12	Each	77,50

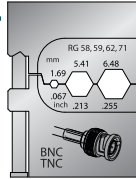


202GCS 12



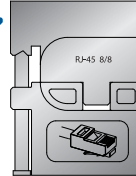


202GCS 14 GEDORE



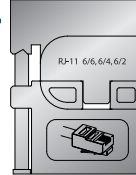
Orig. Gedore - Art. 8140-14
 MODULAR BITS FOR PLIERS ART. 202 GCP
 Connector type Coaxial connectors
 For cables by mm² 1,69/5,41/6,48 (AWG 0,067/0,213/0,255)
202GCS 14 Each **77,50**

202GCS 16 GEDORE



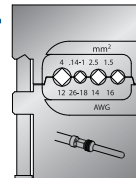
Orig. Gedore - Art. 8140-16
 MODULAR BITS FOR PLIERS ART. 202 GCP
 Connector type Telephone connectors
 For cables by mm² RJ-45 8/8
202GCS 16 Each **77,50**

202GCS 17 GEDORE



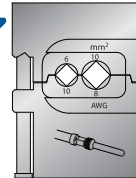
Orig. Gedore - Art. 8140-17
 MODULAR BITS FOR PLIERS ART. 202 GCP
 Connector type Telephone connectors
 For cables by mm² RJ-11 6/6 6/4 6/2
202GCS 17 Each **77,50**

202GCS 18 GEDORE



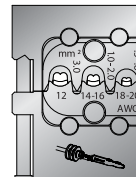
Orig. Gedore - Art. 8140-18
 MODULAR INSERTS FOR PLIERS ART. 202 GCP
 Connector type Power connectors
 For cables by mm² 0,14 - 4 (AWG 26-12)
202GCS 18 Each **117,00**

202GCS 19 GEDORE



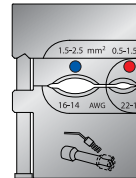
Orig. Gedore - Art. 8140-19
 MODULAR INSERTS FOR PLIERS ART. 202 GCP
 Connector type Power connectors
 For cables by mm² 6-10 (AWG 10-8)
202GCS 19 Each **94,10**
Product running out of stock.

202GCS 20 GEDORE



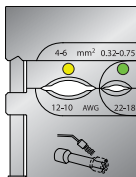
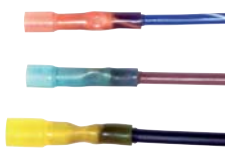
Orig. Gedore - Art. 8140-20
 MODULAR INSERTS FOR PLIERS ART. 202 GCP
 Connector type Connectors with sealing flap
 For cables by mm² 0,5 - 3 (AWG 20 - 12)
202GCS 20 Each **117,00**

202GCS 21 GEDORE



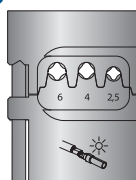
Orig. Gedore - Art. 8140-21
 MODULAR INSERTS FOR PLIERS ART. 202 GCP
 Connector type Heat shrink pipes Dura Seal
 For cables by mm² 0,5 - 1,5 / 1,5 - 2,5 (AWG 22 - 16 / 16 - 14)
202GCS 21 Each **117,00**

202GCS 22 GEDORE



Orig. Gedore - Art. 8140-22
 MODULAR INSERTS FOR PLIERS ART. 202 GCP
 Connector type Heat shrink pipes Dura Seal
 For cables by mm² 0,32 - 0,75 / 4 - 6 (AWG 22 - 18 / 12 - 10)
202GCS 22 Each **117,00**

202GCS 23 GEDORE



Orig. Gedore - Art. 8140-23
 MODULAR INSERTS FOR PLIERS ART. 202 GCP
 Connector type For TYCO SOLARLOK
 For cables by mm² 2,5 - 4 - 6
202GCS 23 Each **160,00**



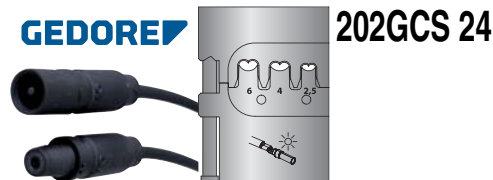
Orig. Gedore - Art. 8140-24

MODULAR INSERTS FOR PLIERS ART. 202 GCP

Connector type For MULTI CONTACT MC 3

For cables by mm² 2,5 - 4 - 6

202GCS 24 Each **160,00**



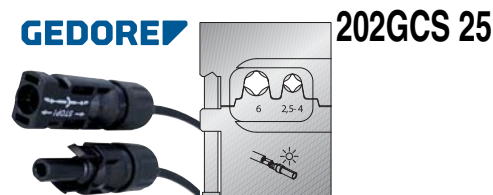
Orig. Gedore - Art. 8140-25

MODULAR INSERTS FOR PLIERS ART. 202 GCP

Connector type For MULTI CONTACT MC 4

For cables by mm² 2,5 - 4 - 6

202GCS 25 Each **184,00**



Prod. SCU

Professional modular tool with bit-loaded handle and 5 interchangeable bits to crimp most of mechanical and electronic connectors. Automatic opening pliers once the terminal is locked. In special steel, ground and hardened operating parts. Dual component coated handles. Equipped with clamping and locking device in case of faulty cabling. Easy bit replacement with no tool required.

BIT PLIERS

For pre-insulated terminals for 0.5 -6sqmm cables

For non-insulated terminals for 0.5-10sqmm cables

For non-insulated open terminals for 0.5-6sqmm cables

For end sleeves for 0.25-6sqmm cables

For non-insulated joint connectors for 1.5-10sqmm cables.

202GD Each **470,00**



Pliers 202 GD with 3 bits (instead of 5) for pre-insulated terminals, non-insulated open terminals and end sleeves is available on request.

SPARE BITS FOR PLIERS ART. 202 GD

For pre-insulated terminals for 0.5-1.5 / 1.5-2.5 / 4-6sqmm cables.

202GDA Each **95,10**



SPARE BITS FOR PLIERS ART. 202 GD

For non-insulated terminals for 0.5- 1.0 / 1.5-2.5 / 4-6 / 10sqmm cables.

202GDB Each **95,10**



SPARE BITS FOR PLIERS ART. 202 GD

For non-insulated open terminals for 0.5-1.0 / 1.5-2.5 / 4-6sqmm cables .

202GDE Each **95,10**



SPARE BITS FOR PLIERS ART. 202 GD

For end sleeves for 0.25-0.75 / 1.0-1.5 / 2.5 / 4 / 6sqmm cables.

202GDF Each **95,10**



SPARE BITS FOR PLIERS ART. 202 GD

For non-insulated head connectors for 1.5 / 2.5 / 4 / 6 / 10sqmm cables.

202GDL Each **95,10**



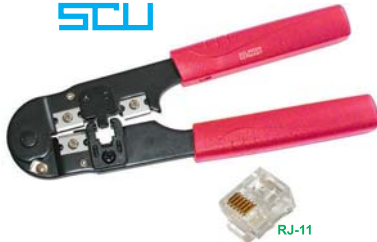
**CRIMPING PLIERS FOR "WESTERN" PLUGS****202GE****SCU****Prod. SCU**

In special steel, ground, hardened operating parts. Handles coated with synthetic material. Suitable for cutting, stripping and crimping "Western" plugs, particularly used in telephony and communication systems. With spring.

For 4-poles connectors RJ-10 (4P4C).

Overall length mm 190

202GE	Each	32,70
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202GF**SCU**

Product description as Art. 202GE

For 6-poles connectors RJ-11 (6P4C)/RJ-12 (6P6C).

Overall length mm 190

202GF	Each	34,80
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202GH**SCU**

Product description as Art. 202GE

For 8-poles connectors RJ-45 (8P8C).

Overall length mm 200

202GH	Each	37,10
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202GL**SCU**

Automatic opening once the terminal is locked. In special steel, ground and hardened operating parts. Synthetic material coated handles. Used for cutting, stripping flat cables from 6 to 12mm length; for crimping "Western" plugs, particularly used in telephony and communication systems.

For connectors RJ-10 (4P2C e 4P4C)/RJ-11 (6P4C)/RJ-12 (6P6C)/RJ-45 (8P8C - 10P6C - 10P8C).

Overall length mm 200

202GL	Each	126,00
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202GP**SCU**

Automatic opening once the terminal is locked. In special steel, ground and hardened operating parts. Synthetic material coated handles. Equipped with release device in case of faulty cabling. Used for cutting and stripping flat cables 6 and 12mm length. To clamp "Western"-type modular terminals, particularly used in telephony and communication systems.

For connectors RJ-10 and RJ-22 (4P2C and 4P4C)/RJ-11 (6P4C)/RJ-12 (6P6C)/RJ-45 (8P8C).

Overall length mm 200

202GP	Each	87,10
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CRIMPING PLIERS FOR COAXIAL CONNECTORS**202GT****SCU****Prod. SCU**

Automatic opening once the terminal is locked. In special steel, ground and hardened operating parts. Synthetic material coated handles. With release device in case of faulty cabling. For clamping BNC-TNC coaxial connectors; for RG58/59/62/71 cables; with internal conductor 1,72mm and shielding 5,4 and 6,48mm.

Overall length mm 240

202GT	Each	61,10
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Not available spare inserts.



2

CRIMPING PLIERS FOR SCOTCHLOK CONNECTORS

Prod. SCU

In forged steel. Polished head, plastic-coated handles. Nose parallel clamping, induction hardened cutter. With spring. Suitable for clamping SCOTCHLOK connectors.



Overall length	mm	150
203G	Each	34,60

CRIMPING PLIERS FOR PRE-INSULATED TERMINALS

Prod. SCU

In alloy steel, hardened operating parts. With cable cutter. PVC-coated handles.

Cable lugs for cables by	mm ²	1,5 to 6
Bolt cutters by		M 2,6 to M 5
Stripper for cables by	mm ²	0,75 to 6
Overall length	mm	205



204G	Each	6,32
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Orig. Marvel

In special steel. Combined with threaded screw cutters, wire strippers and cable cutters with lapped cutting edges additionally induction hardened. Plastic-coated handles. Thickness 3,2mm. Joint pin amply dimensioned and hardened.



Cable lugs for cables by	mm ²	1,5 to 6
Bolt cutters by		M 2,6 to M 5
Stripper for cables by	mm ²	0,75 to 6
Wire cutter by	mm ²	0,5 to 6
Overall length	mm	220

205G	Each	23,60
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PLIERS FOR INSULATED WIRE TERMINALS

Prod. SCU

Professional heavy type, mod. ZENITH C60 made from special steel. Working parts are hardened and finely tuned. Combined with threaded cutters, wire strippers and cutters with edges which have been further hardened through induction. Handle with plastic coating. 4 mm thick. Generously sized hinge pin, tempered, and finely tuned.



Cable lugs for cables by	mm ²	1,5 to 8
Bolt cutters by		M 2,5 to M 5
Wire cutter by inches		W 3/32 to W 3/16
Stripper for cables by	mm ²	2 to 8
Wire cutter by	mm ²	0,5 to 8
Overall length	mm	215

205G 8	Each	47,70
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CRIMPING PLIERS FOR PRE-INSULATED TERMINALS

Orig. Gedore - Art. 8155

Professional with automatic opening after locking. In special steel, operating parts hardened and ground. Insulated handles, in synthetic material. With release device in case faulty wiring.



Cable lugs for cables by	mm ²	0,5 to 6
Overall length	mm	220

205GB	Each	142,00
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Prod. SCU

Combined opening once the terminal is locked. In special steel, ground and hardened operating parts. Synthetic material coated handles. Equipped with release device in case of faulty cabling.



Cable lugs for cables by	mm ²	1,5 to 6
Overall length	mm	230

205GC	Each	61,10
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Not available spare inserts.

Orig. Marvel

Double-lever pliers with fine tooth movement for terminal clamping. Automatic opening once the terminal is locked. CHROME-MOLYBDENUM steel head, fully hardened, lapped cutting edges. With soft rubber handles.



Cable lugs for cables by	mm ²	1,5 to 6
Overall length	mm	240

205GD	Each	200,00
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205GE



Double-lever pliers with fine tooth movement for terminal clamping and automatic opening once the terminal is locked.

CHROME-MOLYBDENUM steel head, fully hardened, lapped cutting edges. Insulated handles.

Cable lugs for cables by	mm ²	1,5 to 2.5
Overall length	mm	255
205GE	Each	165,00

205GF



Product description as Art. 205GE

Cable lugs for cables by	mm ²	2,5 to 5.5
Overall length	mm	275
205GF	Each	208,00

COMBINED CRIMPING PLIERS FOR TERMINALS

205GT



Orig. Marvel

In special steel, hardened and lapped operating parts. Sturdy plastic-coated handles. Thickness 3,2mm.

Hinge pin amply dimensioned and hardened.

For pre-insulated and non-insulated open terminals.

Pre-insul. lugs x cables	mm ²	1,5 to 6
Non-insulated lugs for cable by	mm ²	1,5 to 6
Bolt cutters by		M2,6 to M5
Stripper for cables by	mm ²	0,75 to 6
Wire cutter by	mm ²	0,5 to 6
Overall length	mm	235
205GT	Each	27,80

205GV



Product description as Art. 205GT

For pre-insulated and non-insulated terminals.

Pre-insul. lugs x cables	mm ²	1,5 to 6
Non-insulated lugs for cables	mm ²	1,5 to 6
Bolt cutters by		M2,6 to M5
Stripper for cables by	mm ²	0,75 to 6
Wire cutter by	mm ²	0,5 to 6
Overall length	mm	235
205GV	Each	27,80

205GVA



Prod. SCU

In special steel, hardened operating parts. Synthetic material coated handles.

For pre-insulated and non-insulated terminals.

Pre-insul. lugs x cables	mm ²	1,5 to 6
Non-insulated lugs for cables	mm ²	1,5 to 6
Bolt cutters by		M2,6 to M5
Stripper for cables by	mm ²	0,75 to 6
Wire cutter by	mm ²	0,75 to 6
Overall length	mm	220
205GVA	Each	18,10

CRIMPING PLIERS FOR NON-INSULATED TERMINALS

206G



Orig. Marvel

In special steel. Combined with threaded screw cutters, wire strippers and cable cutters with lapped cutting edges additionally induction hardened.

Plastic-coated handles. Thickness 3,2mm.

Joint pin amply dimensioned and hardened.

Cable lugs for cables by	mm ²	1,5 to 6
Bolt cutters by		M2,6 to M5
Stripper for cables by	mm ²	0,75 to 6
Wire cutter by	mm ²	0,5 to 6
Overall length	mm	220
206G	Each	23,60

206GA



Orig. Gedore - Art. 8103

Combined with wire strippers and cable cutters with cutting edges additionally induction hardened. In alloy steel. Nickel-plated finish with burnished operating parts. Grip type movement.

Cable lugs for cables by	mm ²	0,5 to 10
Stripper for cables by	mm ²	0,5 to 6
Wire cutter by	mm ²	0,5 to 6
Overall length	mm	210
206GA	Each	158,00

Product running out of stock.



Orig. Gedore - Art. 8157

Professional with automatic opening after locking. In special steel, operating parts hardened and ground. Insulated handles, in synthetic material. With release device in case faulty wiring.

Cable lugs for cables by	mm ²	0,1 to 16
Overall length	mm	220
206GB	Each	149,00



Prod. SCU

Combined opening once the terminal is locked. In special steel, ground and hardened operating parts. Synthetic material coated handles.

Equipped with release device in case of faulty cabling.

Cable lugs for cables by	mm ²	0,25 to 10
Overall length	mm	260
206GC	Each	61,10



Orig. Marvel

Double-lever pliers with fine tooth movement for terminal clamping.

Automatic opening once the terminal is locked.

CHROME-MOLYBDENUM steel head, fully hardened, lapped cutting edges. Polypropylene-coated handles.

Cable lugs for cables by	mm ²	1,5 to 10
Overall length	mm	240
206GD	Each	173,00

Product running out of stock.



Double-lever pliers with fine tooth movement for terminal clamping and automatic opening once the terminal is locked.

CHROME-MOLYBDENUM steel head, hardened operating parts, lapped cutting edges.

Insulated handles.

Cable lugs for cables by	mm ²	0,5 to 10
Overall length	mm	230
206GE	Each	106,00



Product description as Art. 206GE

Cable lugs for cables by	mm ²	1,5 to 16
Overall length	mm	240
206GF	Each	148,00



Product description as Art. 206GE

Cable lugs for cables by	mm ²	8 to 38
Overall length	mm	330
206GH 1	Each	197,00



Prod. SCU

Double-lever type for effort reduction.

In pressed steel. Steel pipe handles with soft synthetic material coated handles.

The rotating disk can be positioned on the desired value, in hardened special steel. For non-insulated terminals and junctions.

Cable lugs for cables by	mm ²	6-10-16-25-35-50
Overall length	mm	600
Weight	Kg	2,4
206GH 50	Each	361,00





206GK

SCU



Double-lever type for effort reduction. In pressed steel. Steel pipe handles and detachable extensions with soft synthetic material coated handles. The rotating disk can be positioned on the desired value, in hardened special steel. For non-insulated terminals and junctions.

Cable lugs for cables by	mm ²	50-70-95-120
Overall length	mm	970
Weight	Kg	4,400

206GK	Each	563,00
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Similar products with capacity from 120 to 240 sqmm are available on request.

HYDRAULIC PLIERS FOR NON-INSULATED TERMINALS AND "C" CONNECTORS

206GK 9

SCU



Prod. SCU

High-performance professional type for non-insulated terminals and "C" connectors. Hydraulic lever operated.

180° revolving head. Max pressure 50 KN. In high-resistance steel, burnished, with rubber handle. Pliers length 360mm.

The set contains: 1 hydraulic pliers, 5 couples of dies for non-insulated terminals from 10 to 150 sqmm and 2 couples of dies for "C" connectors from 16 to 35 sqmm. Pliers weight: kg 2.

In case.

206GK 9	Each	2.700,00
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Couples of spare and additional dies are available on request.

CRIMPING PLIERS FOR NON-INSULATED OPEN TERMINALS

207G



Orig. Marvel

In special steel. Combined with threaded screw cutters, wire strippers and cable cutters with lapped cutting edges additionally induction hardened. Plastic-coated handles. Thickness 3,2mm. Joint pin amply dimensioned and hardened.

Cable lugs for cables by	mm ²	1,5 to 6
Bolt cutters by		M 2,6 to M 5
Stripper for cables by	mm ²	0,75 to 6
Wire cutter by	mm ²	0,5 to 6
Overall length	mm	220

207G	Each	23,60
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207G 8

SCU



Prod. SCU

Professional heavy type, mod. ZENITH C60 made from special steel. Working parts are hardened and finely tuned.

Combined with threaded cutters, wire strippers and cutters with edges which have been further hardened through induction. Handle with plastic coating. 4 mm thick. Generously sized hinge pin, tempered, and finely tuned.

Cable lugs for cables by	mm ²	0 to 8
Bolt cutters by		M 2,5 to M 5
Wire cutter by inches		W 3/32 to W 3/16
Stripper for cables by	mm ²	2 to 8
Wire cutter by	mm ²	0,5 to 8
Overall length	mm	215

207G 8	Each	47,70
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207GB

GEDORE



Orig. Gedore - Art. 8156

Professional with automatic opening after locking. In special steel, operating parts hardened and ground. Insulated handles, in synthetic material. With release device in case faulty wiring.

Cable lugs for cables by	mm ²	0,25 to 6
Overall length	mm	220

207GB	Each	153,00
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207GC

SCU



Prod. SCU

Automatic opening once the terminal is locked. In special steel, ground and hardened operating parts. Synthetic material coated handles. Equipped with release device in case of faulty cabling.

Cable lugs for cables by	mm ²	0,5 to 6
Overall length	mm	230

207GC	Each	63,10
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Not available spare inserts.



Orig. Marvel

Double-lever pliers with fine tooth movement for terminal clamping.
Automatic opening once the terminal is locked.
CHROME-MOLYBDENUM steel head, fully hardened, lapped cutting edges. Polypropylene-coated handles.

Cable lugs for cables by	mm ²	0,5 to 4
Overall length	mm	230
207GD	Each	173,00

Product running out of stock.



207GD



2

CRIMPING PLIERS FOR END SLEEVES

Prod. SCU

In special hardened steel. Nickel-plated head and insulated handles.
With cutter and wire stripper.

Terminals for cables by	mm ²	0,25 to 2,5
Overall length	mm	155
207GH	Each	30,30



207GH



Product description as Art. 207GH

Terminals for cables by	mm ²	0,5 to 16
Overall length	mm	220
207GL	Each	40,50



207GL

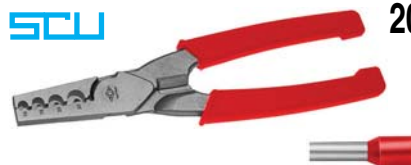


In special hardened steel. Nickel-plated head and insulated handles.
Complete with cutter.

Terminals for cables by	mm ²	10 to 35
Overall length	mm	220
207GM	Each	47,60



207GM



Automatic opening once the terminal is locked. In special steel, ground and hardened operating parts. Synthetic material coated handles. Equipped with release device in case of faulty cabling.

Size		6	16
Terminals for cables by	mm ²	0,5 to 6	6 to 16
Overall length	mm	210	210
207GP	Each	63,10	63,10

Not available spare inserts.



207GP



Automatic opening at the end of clamping. In special steel, ground and hardened operating parts. Synthetic material coated handles. Adjustable clamping pressure. With release device in case of faulty wire connection.

Size		25	50
Terminals for cables by	mm ²	10 to 25	35 to 50
Overall length	mm	250	250
207GPA	Each	221,00	282,00



207GPA



Automatic opening once the terminal is locked. In special steel, ground and hardened operating parts. Dual component coated handles. Equipped with release device in case of faulty cabling. Rotating jaws for LATERAL OR FRONT insertion of terminals.

Terminals for cables by	mm ²	0,14 to 6
Overall length	mm	200
207GR	Each	355,00



207GR



**207GRE**

new

SCU



Type with automatic adjustment of the clamping jaws. Operating parts hardened and ground. Ergonomic handles covered in two-component material. For square section wiring. Rotating jaws for LATERAL OR FRONT insertion of terminals.

Terminals for cables by mm² 0,14 to 16
Overall length mm 200

207GRE	Each	288,00
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207GS

SCU



Type with automatic adjustment of the clamping jaws. Manual adjustment of the clamping pressure. In special steel, hardened and ground working parts. Ergonomic handles in two-component material. With unlocking device in case of faulty wiring. For wiring with hexagonal section and lateral insertion of the bush terminal.

Terminals for cables by mm² 0,08 to 10
Overall length mm 175

207GS	Each	241,00
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207GSE

new

GEDORE

**Prod. Gedore - Art. 8158**

Type with automatic adjustment of the clamping jaws. Easy manual system for tightening small cables. In special steel, hardened and ground working parts. Ergonomic handles in two-component material. Use with right or left hand. For wiring with hexagonal section and lateral insertion of the bush terminal.

Terminals for cables by mm² 0,08 to 16
Overall length mm 220

207GSE	Each	281,00
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207GV

SCU

**Prod. SCU**

Clamping jaws automatic adjustment. Clamping pressure manual adjustment. In special steel, ground and hardened operating parts. Dual component ergonomic handles. Equipped with release device in case of faulty cabling. For square section cables and side connection of end sleeve terminals.

Terminals for cables by mm² 0,08 to 16
Overall length mm 180

207GV	Each	223,00
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207GVA

SCU



Type with automatic adjustment of the clamping jaws. Clamping pressure manual adjustment. In special steel, ground and hardened operating parts. Dual component ergonomic handles. Equipped with release device in case of faulty cabling. For hexagonal section cables and side connection of end sleeve terminals.

Size	10	16
Terminals for cables by mm ²	0,08 to 10	0,08 to 10/16
Overall length mm	190	190

207GVA	Each	235,00	245,00
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Art. 207 GVA 10 may also laterally wire terminals for cables up to 2,5 sqmm.

CRIMPING PLIERS FOR SOLDERLESS TERMINALS AND CONNECTORS

207GZ**Orig. Marvel**

Double-lever pliers with fine tooth movement for solderless terminals and connectors. CHROME-MOLYBDENUM steel head, hardened operating parts, lapped cutting edges. Insulated handles.

Cable lugs for cables by mm² 0,5 to 6
Overall length mm 265

207GZ	Each	149,00
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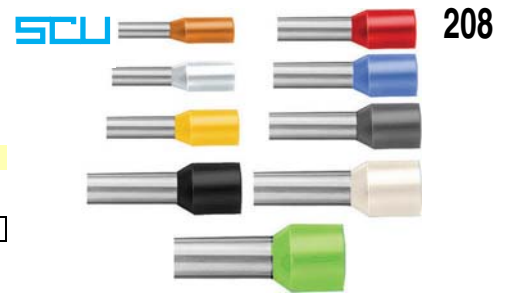
2

END SLEEVES TERMINALS

Prod. SCU

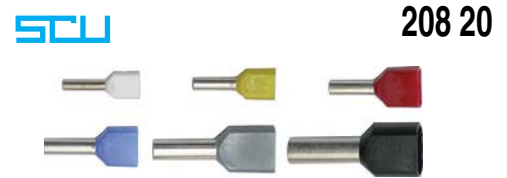
Type for single cable
In pre-insulated tin-coated electrolytic copper DIN 46228/2.
Indivisible pack of terminales mm² 0,5 to 6: 100 pcs.
Indivisible pack of terminales mm² 10 to 16: 50 pcs.

For cables by	mm ²	0,5	0,75	1	1,5	2,5	4	6	10	16
Jack length	mm	8	8	8	8	8	9	12	12	12
Colour		orange	white	yellow	red	blue	grey	black	ivory	green
208	Pack	2,18	2,18	2,18	2,14	2,80	4,44	7,18	5,32	6,30



For double cables having the same section.
In pre-insulated tin-coated electrolytic copper DIN 46228/2.
Indivisible pack of terminales mm² 0,75 to 4: 100 pcs.
Indivisible pack of terminales mm² 6: 50 pcs.

For cables by	mm ²	0,75	1	1,5	2,5	4	6
Jack length	mm	8	8	8	10	12	14
Colour		white	yellow	red	blue	grey	black
208 20	Pack	5,50	5,54	5,84	6,64	20,10	13,10



PREINSULATED TERMINALS

Prod. SCU

In electrolytic copper, 99,9 insulated.
RED and BLUE insulated terminals package unit: 100 pcs.
YELLOW insulated terminals package unit: 50 pcs.

RING TYPE

RED
for 0.25-1.5sqmm cables

Int Ø	mm	2,6	3,2	3,6	4,2	5,2	6,2	8,3
208A	Pack	11,80	9,94	11,30	10,80	10,70	11,80	20,20



Product description as Art. 208A

RING TYPE

BLUE
for 1.5-2.5sqmm cables

Int Ø	mm	2,6	3,2	3,6	4,2	5,2	6,2	8,3
208B	Pack	14,20	12,10	12,20	10,70	10,90	12,20	14,60



Product description as Art. 208A

RING TYPE

YELLOW
for 4-6sqmm cables

Int Ø	mm	3,6	4,2	5,2	6,2	8,3
208C	Pack	9,64	9,06	9,10	9,50	11,80



Product description as Art. 208A

FORK TYPE

RED
for 0.25-1.5sqmm cables

Int. width	mm	3,2	3,7	4,2	5,2	6,2
208D	Pack	10,50	10,30	9,72	10,70	12,50



Product description as Art. 208A

FORK TYPE

BLUE
for 1.5-2.5sqmm cables

Int. width	mm	3,2	3,7	4,2	5,2	6,2
208E	Pack	11,20	11,10	10,60	11,80	13,30



Product description as Art. 208A

FORK TYPE

YELLOW
for 4-6sqmm cables

Int. width	mm	3,7	4,2	5,2	6,2	8,2
208F	Pack	9,82	8,94	8,92	10,40	28,20



For size 8.2 mm packaging indivisible is 100 pieces instead of 50 pieces.



208G

SCU



Product description as Art. 208A

PIN TYPE

RED

for 0.25-1.5sqmm cables

Ø mm 1,8

Length mm 12

208G Pack 10,80

208H

SCU



Product description as Art. 208A

PIN TYPE

BLUE

for 1.5-2.5sqmm cables

Ø mm 1,8

Length mm 12

208H Pack 11,40

208I

SCU



Product description as Art. 208A

PIN TYPE

YELLOW

for 4-6sqmm cables

Ø mm 2,6

Length mm 14

208I Pack 9,38

208K 1

SCU



Product description as Art. 208A

HEAD CONNECTOR TYPE

RED

for 0.25-1.5sqmm cables

Ø mm 4

Length mm 23

208K 1 Pack 17,40

208K 2

SCU



Product description as Art. 208A

HEAD CONNECTOR TYPE

BLUE

for 1.5-2.5sqmm cables

Ø mm 4,5

Length mm 23

208K 2 Pack 20,40

208K 3

SCU



Product description as Art. 208A

HEAD CONNECTOR TYPE

YELLOW

for 4-6sqmm cables

Ø mm 6,8

Length mm 27

208K 3 Pack 14,20

208L

SCU



Product description as Art. 208A

CYLINDRICAL FEMALE TYPE

RED

for 0.25-1.5sqmm cables

internal Ø mm 4

Length mm 8,7

208L Pack 24,80

208M

SCU



Product description as Art. 208A

CYLINDRICAL FEMALE TYPE

BLUE

for 1.5-2.5sqmm cables

internal Ø mm 4 5

Length mm 8,7 8,7

208M Pack 27,50 27,90

208M 1

SCU



Product description as Art. 208A

CYLINDRICAL FEMALE TYPE

YELLOW

for 4-6sqmm cables

internal Ø mm 5

Length mm 12

208M 1 Pack 15,30



Product description as Art. 208A

CYLINDRICAL MALE TYPE

RED

for 0.25-1.5sqmm cables

external Ø	mm	4
Length	mm	8,7
208N	Pack	21,20

SCU

208N



Product description as Art. 208A

CYLINDRICAL MALE TYPE

BLUE

for 1.5-2.5sqmm cables

external Ø	mm	4	5
Length	mm	8,7	8,7
208P	Pack	21,60	21,10

SCU

208P



Product description as Art. 208A

CYLINDRICAL MALE TYPE

YELLOW

for 4-6sqmm cables

external Ø	mm	5
Length	mm	10
208P 1	Pack	13,60

SCU

208P 1



Product description as Art. 208A

LAMINATE FEMALE TYPE

RED

for 0.25-1.5sqmm cables

Width	mm	6,6
Length	mm	7,8
208Q	Pack	20,80

SCU

208Q



Product description as Art. 208A

LAMINATE FEMALE TYPE

BLUE

for 1.5-2.5sqmm cables

Width	mm	6,6
Length	mm	7,8
208R	Pack	21,20

SCU

208R



Product description as Art. 208A

LAMINATE FEMALE TYPE

YELLOW

for 4-6sqmm cables

Width	mm	6,6
Length	mm	7,8
208S	Pack	15,10

SCU

208S



Product description as Art. 208A

LAMINATE FEMALE TYPE - COMPLETELY INSULATED

RED

for 0.25-1.5sqmm cables

Width	mm	6,6
Length	mm	7,8
208SA	Pack	23,10

SCU

208SA



Product description as Art. 208A

LAMINATE FEMALE TYPE - COMPLETELY INSULATED

BLUE

for 1.5-2.5sqmm cables

Width	mm	6,6
Length	mm	7,8
208SB	Pack	23,40

SCU

208SB



Product description as Art. 208A

LAMINATE FEMALE TYPE - COMPLETELY INSULATED

YELLOW

for 4-6sqmm cables

Width	mm	6,6
Length	mm	7,8
208SE	Pack	14,60

SCU

208SE





208T

SCU



Product description as Art. 208A
LAMINATE MALE TYPE
RED
for 0.25-1.5sqmm cables

Width	mm	6,3
Length	mm	8
208T	Pack	20,50

208U

SCU



Product description as Art. 208A
LAMINATE MALE TYPE
BLUE
for 1.5-2.5sqmm cables

Width	mm	6,3
Length	mm	8
208U	Pack	21,30

208V

SCU



Product description as Art. 208A
LAMINATE MALE TYPE
YELLOW
for 4-6sqmm cables

Width	mm	6,3
Length	mm	8
208V	Pack	11,70

208W

SCU



Product description as Art. 208A
LAMINATE FEMALE-MALE TYPE
RED
for 0.25-1.5sqmm cables

Width	mm	6,3
Length	mm	7,8
208W	Pack	28,80

208Z

SCU



Product description as Art. 208A
LAMINATE FEMALE-MALE TYPE
BLUE
for 1.5-2.5sqmm cables

Width	mm	6,3
Length	mm	7,8
208Z	Pack	27,90

NON-INSULATED OPEN TERMINALS

209A
209B

SCU



Prod. SCU
In brass. Terminals package unit: 100 pcs.
RING TYPE
for 0.5-1sqmm cables

internal Ø	mm	3,2	4,3	5,1
209A	Pack	11,80	6,66	13,60

Product description as Art. 209A
RING TYPE
for 1-2.5sqmm cables

internal Ø	mm	3,2	4,3	5,1
209B	Pack	12,20	6,96	13,20

209E
209F

SCU



Product description as Art. 209A
LAMINATE FEMALE TYPE (For male terminals mm 6,3)
for 0.5-1sqmm cables

Width	mm	7,6
Length	mm	7,6
209E	Pack	9,18

Product description as Art. 209A
LAMINATE FEMALE TYPE (For male terminals mm 6,3)
for 1-2.5sqmm cables

Width	mm	7,6
Length	mm	7,6
209F	Pack	10,20



Product description as Art. 209A
LAMINATE MALE TYPE (For male terminals mm 7,6)
 for 0.5-1sqmm cables

Width	mm	6,3
Length	mm	6,4
209M	Pack	9,80

Product description as Art. 209A
LAMINATE MALE TYPE (For male terminals mm 7,6)
 for 1-2.5sqmm cables

Width	mm	6,3
Length	mm	6,4
209N	Pack	8,14

SCU

209M
209N



SLEEVES

Prod. SCU

Sleeves in polyethylene.
 For flat female laminar type terminals Art. 209 E-F.
 Indivisible pack of sleeves: 1000 pcs.

209PA	Pack	33,30
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SCU

209PA



Product description as Art. 209PA
 For laminate male flat terminals Art. 209 M-N.
 Indivisible pack of sleeves: 500 pcs.

209PB	Pack	22,10
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SCU

209PB



INSULATED TERMINALS SETS

Prod. SCU

Assortment of 800 terminals with auto adjustment crimping pliers Art. 207 GV and sauto adjustment stripping plier Art. 193 GH. Package suitable for specialized professionals and industries:

- 150 items for each end sleeve Art. 208 0.5 to 0.75
- 100 items for each end sleeve Art. 208 1 - 1.5 - 2.5 - 4
- 50 items for each end sleeve Art. 208 6-10.

In sturdy and handy case.

209PT	Each	375,00
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Non-binding composition

SCU

209PT



3000-pieces assorted set of insulated end sleeves complete with professional pliers. Package especially suited for universal use:

- 500 items for each end sleeve Art. 208 0.75 - 1 - 1.5
- 250 end sleeves Art. 208 2.5
- 200 items for each end sleeve Art. 208 4 / 208 20 0.75- 1 - 1.5
- 100 items for each end sleeve Art. 208 6 / 208 20 2.5 - 4
- 50 items for each end sleeve Art. 208 10 - 16 / 208 20 6
- 1 double lever pliers.

In sturdy and handy case with removable trays.

209R	Each	344,00
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Set assortments are not binding.

SCU

209R



300-pieces assorted set of insulated terminals complete with double lever professional pliers. For industry specific applications:

- 25 items for each kind of terminal Art. 208 Ax4,2-5,2 / 208 Bx4,2-5,2 / 208 Cx5,2- 6,2 / 208 Dx3,2-4,2 / 208 Ex4,2 / 208 G/ 208 H / 208 K2 / 1 double lever pliers.

In sturdy and practical case with removable trays.

209T	Each	279,00
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Set assortments are not binding.

SCU

209T





209V

SCU



300-pieces assorted set of insulated terminals complete with double lever professional pliers supplied in handy case. For car specific applications: 25 items for each kind of terminal Art. 208 Bx5,2-6,2 / 208 Cx5,2-6,2 / 208 K2 / 208 Mx5 / 208 Px5 / 208 Rx6,6 / 208 S / 208 U / 208 Z / 208 In sturdy and practical case with removable trays.

209V	Each	304,00
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Set assortments are not binding.

SHORT FLAT NOSE PLIERS

210GP

SCU



Prod. SCU

In high-resistance steel.
Fully hardened. Polished head.
Insulated handles, made from bi-component material. DIN ISO 5745.

Overall length	mm	140	160
Jaws length	mm	30	32
210GP	Each	18,50	21,30

SHORT ROUND NOSE PLIERS

211GP

SCU



Prod. SCU

In high-resistance steel.
Fully hardened. Polished head.
Insulated handles. DIN ISO 5745.

Overall length	mm	140	160
Jaws length	mm	30	32
211GP	Each	18,50	21,30

215

SCU INOX



In stainless steel

Specially designed for thin wires.
Thin, round noses with cutter, polished version, plastic-coated handles and spring.

Overall length	mm	130
Jaws length	mm	36
215	Each	25,50

215G

SCU



In C60 special steel.

Specially designed for thin wires.
Thin, round noses, with induction hardened cutter, also for hard wires, polished head, plastic-coated handles.

Overall length	mm	130
Jaws length	mm	30
215G	Each	20,80

LONG FLAT NOSE PLIERS

230G

GEDORE



Orig. Gedore - Art. 8120 TL

In high-resistance steel.
Fully oil-hardened and tempered. DIN ISO 5745.
Enamelled black head and plastic-coated handles.

Overall length	mm	160
Jaws length	mm	50
230G	Each	23,70

230GB

GEDORE



Orig. Gedore - Art. 8120 JC

Product description as Art. 230G
Chrome-plated head and dual component insulated handles.

Overall length	mm	160
Jaws length	mm	50
230GB	Each	32,90



Prod. SCU

In high-resistance steel.
Fully hardened. DIN ISO 5745.
Polished head and dual component insulated handles.

Overall length	mm	160
Jaws length	mm	50
230GP	Each	19,50

VDE-EN 60900 insulation type, see Art. 351 GA-352 GA-355 GA.

SCU = 230GP



LONG ROUND NOSE PLIERS

Orig. Gedore - Art. 8122 TL

In high-resistance steel.
Fully oil-hardened and tempered. DIN ISO 5745.
Enamelled black head and plastic-coated handles.

Overall length	mm	160
Jaws length	mm	50
231G	Each	23,10

GEDORE = 231G



Orig. Gedore - Art. 8122 JC

Product description as Art. 231G
Chrome-plated head and dual component insulated handles.

Overall length	mm	140	160
Jaws length	mm	40	50
231GB	Each	29,60	31,60

Size mm 140 running out of stock.

GEDORE = 231GB



Prod. SCU

In high-resistance steel.
Fully hardened. DIN ISO 5745.
Polished head and insulated handles in two-component material.

Overall length	mm	160
Jaws length	mm	50
231GP	Each	19,90

VDE-EN 60900 insulation type, see Art. 352 GE-352 GF-355 GF.

SCU = 231GP



LONG CHAIN NOSE PLIERS

Orig. Gedore - Art. 8135 TL

In high-resistance steel.
Fully oil-hardened and tempered, straight, long noses.
DIN ISO 5745 A.

Overall length	mm	160	200
Jaws length	mm	50	70
247G	Each	24,50	36,90

Product running out of stock.

GEDORE = 247G



Orig. Gedore - Art. 8135 JC

Product description as Art. 247G
Chrome-plated head and dual component insulated handles.

Overall length	mm	200
Jaws length	mm	70
248G	Each	42,30

GEDORE = 248G



Prod. SCU

In high-resistance steel.
Fully hardened, straight, long noses.
DIN ISO 5745 A.
Polished head and dual component insulated handles.

Overall length	mm	200
Jaws length	mm	75
249G	Each	19,40

SCU = 249G





LONG STRAIGHT FLAT NOSE PLIERS WITH NIPPERS

249P

SCU

**Prod. SCU**

In alloy steel.
Straight, long noses and side cutter. UNI 7925.
Polished head. Plastic-coated handles.

Overall length	mm	160	200
Jaws length	mm	58	76
249P	Each	28,60	31,90

LONG CHAIN NOSE PLIERS WITH NIPPERS

250B

SCU

**Prod. SCU**

In alloy steel.
Straight, long noses and side cutter.
Chrome-plated head. Insulated handles.

Overall length	mm	160	200
Jaws length	mm	50	70
250B	Each	13,40	16,10

250GD

SCU



In high-resistance steel.
Straight, long noses, fully tempered.
Side cutter. DIN ISO 5745 A.

Polished head and plastic-coated handles.

Overall length	mm	145	160	200
Jaws length	mm	42	50	75
250GD	Each	14,30	14,50	20,10

250GE

SCU

**Product description as Art. 250GD**

Polished head and dual component insulated handles.

Overall length	mm	160	200
Jaws length	mm	50	75
250GE	Each	19,40	24,20

251G

GEDORE

**Orig. Gedore - Art. 8132 TL**

In high-resistance steel.
Straight, long noses, fully oil-hardened and tempered.
Side cutter. DIN ISO 5745 A.
Enamelled black head and plastic-coated handles.

Overall length	mm	140	160	200
Jaws length	mm	42	50	75
251G	Each	23,20	23,20	30,40

251GB

GEDORE

**Orig. Gedore - Art. 8132 JC****Product description as Art. 251G**

Chrome-plated head and dual component insulated handles.

Overall length	mm	140	160	200
Jaws length	mm	42	50	75
251GB	Each	29,60	30,40	37,10

VDE-EN 60900 safety insulation type, see Art. 352 GD-352 GE-355 GE.

ELECTRICAL COMBINATION PLIERS

251GT

GEDORE

**Orig. Gedore - Art. 8133 JC**

Pliers with cutter, terminal clamp and wire stripper size 0.5-1.5-2.5 mm².
Half-round, long noses.

Chrome-plated head and dual component insulated handles.

Overall length	mm	180
251GT	Each	42,70

LONG FLAT NOSE PLIERS 45° BENDED NOSE WITH NIPPERS

251P

SCU

**Prod. SCU**

In alloy steel.
Curved long noses and side cutter. UNI 7925.
Polished head. Plastic-coated handles.

Overall length	mm	160	200
Jaws length	mm	58	76
251P	Each	31,90	36,90



2

LONG CHAIN NOSE PLIERS, 45° BENDED NOSE

Prod. SCU

In alloy steel.
Long, curved noses and diagonal cutter.
Chrome-plated head and insulated handles.

Overall length	mm	160	200
Jaws length	mm	50	70
252B	Each	13,70	16,70

SCU



252B



In high-resistance steel.

Fully hardened, long, curved noses.
Diagonal cutter. DIN ISO 5745.

Polished head and plastic-coated handles.

Overall length	mm	160	200
Jaws length	mm	50	70
252GD	Each	19,20	24,40

SCU



252GD



Product description as Art. 252GD

Polished head and plastic-coated handles. In bi-component material.

Overall length	mm	160	200
Jaws length	mm	50	70
252GE	Each	24,00	28,90

SCU



252GE



Orig. Gedore - Art. 8132/AB-TL

In high-resistance steel.
Fully oil-hardened and tempered, long, curved noses.
Diagonal cutter. DIN ISO 5745.

Enamelled black head and plastic-coated handles.

Overall length	mm	160	200
Jaws length	mm	50	70
253G	Each	26,20	34,10

GEDORE



253G



Orig. Gedore - Art. 8132/AB-JC

Product description as Art. 253G

Chrome-plated head and dual component insulated handles.

Overall length	mm	160	200
Jaws length	mm	50	70
253GB	Each	35,20	42,40

GEDORE



253GB



VDE-EN 60900 safety insulation type, see Art. 352 GH-352 GL-355 GL.

EXTRA-LONG PLIERS WITH CHAIN NOSE FOR ASSEMBLY

Prod. SCU

In special high-resistance steel.
long noses are fully hardened and chequered. Polished head and plastic handle. A strong grip for all mechanical work and fittings in locations which are difficult to reach.
Jaw length 75 mm.

With straight noses, total length 280mm.

260GA	Each	30,80
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Product description as Art. 260GA

With 45° curved noses, total length 275mm.

260GB	Each	30,80
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Product description as Art. 260GA

With 90° curved noses, total length 260mm.

260GC	Each	30,80
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SCU



260GA
260GB
260GC



DIN 5256C STRAIGHT PLIERS FOR LOOSE RETAINING INTERNAL RINGS DIN 472 - DIN 984

Prod. SCU

In chrome-vanadium steel. Hardened.
Burnished. Plastic-coated handles.

Overall length	mm	135	175	210	320
For rings Ø by	mm	8 to 25	19 to 60	40 to 100	85 to 165
274	Each	14,10	13,40	15,90	25,50

SCU



274





274GA

GEDORE



Orig. Gedore - Art. 8000 J

In chrome-vanadium steel. Hardened noses, thin for hard to reach spaces
Wide hinge with perfectly parallel jaws.
Enamelled black head and plastic-coated handles.

Overall length	mm	139	140	180	225	315
For rings Ø by	mm	8 to 13	12 to 25	19 to 60	40 to 100	85 to 140
274GA	Each	17,80	17,80	18,80	21,60	37,30

274GB

GEDORE



Orig. Gedore - Art. 8000 JE

Precision type. Body made of CHROME VANADIUM steel, INSERTED tips made of bearing steel, highly wear resistant, TILTED version for a better grip of the rings. Large support surface for the ring to reduce the twist. Adjustable hinge screw for high precision and smoother tracking. Phosphated head and plastic-coated handles.

Overall length	mm	139	140	182	230	324
For rings Ø by	mm	8 to 13	12 to 25	19 to 60	40 to 100	85 to 140
274GB	Each	22,70	22,70	24,10	29,10	47,80

274GF
274GL
274GN

GEDORE



Orig. Gedore - Art. 8000 J

For rings as per DIN 472 and DIN 984.
Interchangeable straight tips. In CHROME-VANADIUM STEEL. Hardened noses.
Ratchet with clamping lever.
Enamelled black finish.

Art.....		274GF	274GL	274GN
Overall length	mm	565	565	575
For rings Ø by	mm	85 to 140	122 to 300	252 to 400
tips Ø	mm	3,2	3,5	4,5
Weight	grams	1890	1890	1900
	Each	129,00	129,00	129,00

Spare tips for Art. 274 GF

O274GF	Per pair	16,70
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Spare tips for Art. 274 GL

O274GL	Per pair	16,70
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Spare tips for Art. 274 GN

O274GN	Per pair	16,70
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274GN 6

GEDORE



Orig. Gedore - Art. 8005 J

Patented type, with tips parallel movement.
Particularly suitable for high-resistant large rings.
Complete with 6 interchangeable tips, for holes with out-of- standard distance between center lines. Ratchet with lock lever. Black enamelled finish.
Total length 665mm., for rings Ø from 305mm to 500mm, hole distance between center lines from 80mm to 140mm, tips Ø 4,5/5,9mm, weight 3350gr.
Complete pliers.

274GN 6	Each	554,00
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Spare tips for Art. 274 GN 6

Type	1J	
O274GNA	Each	33,80

Type	2J	
O274GNB	Each	33,80

Type	3J	
O274GNC	Each	33,80

Type	4J	
O274GND	Each	33,80

Type	5J	
O274GNE	Each	33,80

Type	6J	
O274GNF	Each	33,80

DIN 5256D CURVED PLIERS FOR LOOSE RETAINING INTERNAL RINGS DIN 472 - DIN 984

275

SCU



Prod. SCU

In CHROME-VANADIUM steel.
Hardened.

Overall length	mm	130	170	205	300
For rings Ø by	mm	8 to 25	19 to 60	40 to 100	85 to 165
275	Each	14,70	14,10	16,70	28,10



2

Orig. Gedore - Art. 8000 J

In chrome-vanadium steel. Hardened noses, thin for hard to reach spaces
Wide hinge with perfectly parallel jaws.

Enamelled black head and plastic-coated handles. 90° curved tips.

Overall length	mm	129	130	170	210	290
For rings Ø by	mm	8 to 13	12 to 25	19 to 60	40 to 100	85 to 140
275GA	Each	19,50	19,80	20,20	23,40	39,70



Orig. Gedore - Art. 8000 JE

Precision type. Body made of CHROME VANADIUM steel, INSERTED tips made of bearing steel, highly wear resistant, TILTED version for a better grip of the rings. Large support surface for the ring to reduce the twist. Adjustable hinge screw for high precision and smoother tracking. Phosphated head and plastic-coated handles.

curved tips to 90 °.

Overall length	mm	129	130	170	217	310
For rings Ø by	mm	8 to 13	12 to 25	19 to 60	40 to 100	85 to 140
275GB	Each	25,80	25,80	26,10	30,90	51,10



Orig. Gedore - Art. 8000 J - Art. 8000 J

In CHROME-VANADIUM steel.
Hardened noses, thin for hard to reach spaces. Wide grip with perfectly parallel jaws. Black lacquered head and plastic handles. Nose bent at 45°.

Overall length	mm	139	140	180	225
For rings Ø by	mm	8 to 13	12 to 25	19 to 60	40 to 100
275GE	Each	19,50	19,80	20,20	23,40



Orig. Gedore - Art. 8000 J

For rings as per DIN 472 and DIN 984.
Interchangeable curved tips. In CHROME VANADIUM STEEL. Hardened noses. Ratchet with clamping lever. Enamelled black finish.

Art.		275GF	275GL	275GM
Overall length	mm	575	575	579
For rings Ø by	mm	85 to 140	122 to 300	252 to 400
tips Ø	mm	3,2	3,5	4,5
Weight	grams	1940	1940	1960
	Each	129,00	129,00	129,00



Spare tips for Art. 275 GF

O275GF	Per pair	16,70
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Spare tips for Art. 275 GL

O275GL	Per pair	16,70
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Spare tips for Art. 275 GM

O275GM	Per pair	16,70
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DIN 5254A STRAIGHT PLIERS FOR LOOSE RETAINING EXTERNAL RINGS DIN 471 - DIN 983

Prod. SCU

In chrome-vanadium steel.
Hardened.

Overall length	mm	135	175	210	320
For rings Ø by	mm	10 to 25	19 to 60	40 to 100	85 to 165
276	Each	12,40	13,90	17,20	26,90

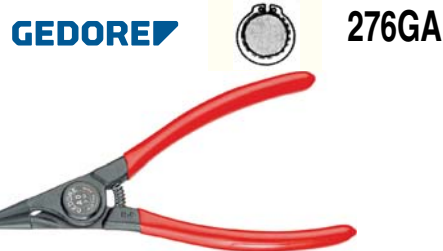


Orig. Gedore - Art. 8000 A

In chrome-vanadium steel. Hardened noses, thin for hard to reach spaces
Wide hinge with perfectly parallel jaws.

Enamelled black head and plastic-coated handles.

Overall length	mm	139	140	175	225	310
For rings Ø by	mm	3 to 10	10 to 25	19 to 60	40 to 100	85 to 140
276GA	Each	20,40	19,40	21,20	25,30	42,90





276GB GEDORE



Orig. Gedore - Art. 8000 AE

Precision type. Body made of CHROME VANADIUM steel, INSERTED tips made of bearing steel, highly wear resistant, TILTED version for a better grip of the rings. Large support surface for the ring to reduce the twist. Adjustable hinge screw for high precision and smoother tracking. Phosphated head and plastic-coated handles.

With INTERNAL opening spring.

Overall length	mm	144	145	183	230	332
For rings Ø by	mm	3 to 10	10 to 25	19 to 60	40 to 100	85 to 140
276GB	Each	26,10	24,50	27,30	31,90	53,10

**276GF
276GL
276GN GEDORE**



Orig. Gedore - Art. 8000 A

For rings as per DIN 471 and DIN 983. Interchangeable straight tips. In CHROME-VANADIUM STEEL. Hardened noses. Ratchet with lock lever. Enamelled black finish.

Art.		276GF	276GL	276GN
Overall length	mm	550	550	586
For rings Ø by	mm	85 to 140	122 to 300	252 to 400
tips Ø	mm	3,2	3,5	4,5
Weight	grams	1900	1900	1950
	Each	130,00	130,00	130,00

Spare tips for Art. 276 GF

O276GF	Per pair	16,70
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Spare tips for Art. 276 GL

O276GL	Per pair	16,70
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Spare tips for Art. 276 GN

O276GN	Per pair	16,70
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276GN 4 GEDORE



Orig. Gedore - Art. 8005 A

Patented type, with tips parallel movement. Particularly suitable for high-resistant large rings. Complete with 4 interchangeable tips, for holes with out-of- standard distance between center lines. Ratchet with clamping lever. Black enamelled finish. Total length 665mm., for rings Ø from 305mm to 500mm, hole distance between center lines from 18mm to 50mm, tips Ø 4,5/5,9mm, weight 3650gr. Complete pliers.

276GN 4	Each	507,00
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Spare tips for Art. 276 GN 4

Type	1A
O276GNA	Each 29,50
Type	2A
O276GNB	Each 29,50
Type	3A
O276GNC	Each 29,50
Type	4A
O276GND	Each 29,50

DIN 5254B CURVED PLIERS FOR LOOSE RETAINING EXTERNAL RINGS DIN 471 - DIN 983

277 SCU



Prod. SCU

In chrome-vanadium steel. Hardened. Burnished. Plastic-coated handles. Curved bits 90 °.

Overall length	mm	130	170	205	300
For rings Ø by	mm	10 to 25	19 to 60	40 to 100	85 to 165
277	Each	13,10	14,50	18,00	29,50

277GA GEDORE



Orig. Gedore - Art. 8000 A

In chrome-vanadium steel. Hardened noses, thin for hard to reach spaces. Wide hinge with perfectly parallel jaws. Enamelled black head and plastic-coated handles. 90° curved tips.

Overall length	mm	129	130	165	210	310
For rings Ø by	mm	3 to 10	10 to 25	19 to 60	40 to 100	85 to 140
277GA	Each	22,40	21,20	23,20	26,30	46,80



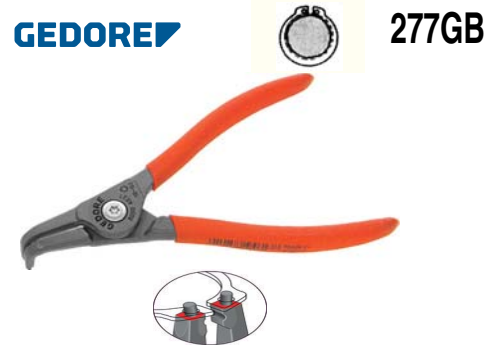
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Orig. Gedore - Art. 8000 AE

Precision type. Body made of CHROME VANADIUM steel, INSERTED tips made of bearing steel, highly wear resistant, TILTED version for a better grip of the rings. Large support surface for the ring to reduce the twist. Adjustable hinge screw for high precision and smoother tracking. Phosphated head and plastic-coated handles.

With INTERNAL opening spring, curved tips to 90 °.

Overall length	mm	133	134	170	217	311
For rings Ø by	mm	3 to 10	10 to 25	19 to 60	40 to 100	85 to 140
277GB	Each	28,50	27,10	29,70	33,80	57,70



Orig. Gedore - 8000 A

In CHROME-VANADIUM steel. Hardened noses, thin for hard to reach spaces. Wide grip with perfectly parallel jaws. Black lacquered head and plastic handles. Nose bent at 45°.

Overall length	mm	139	140	180	225
For rings Ø by	mm	3 to 10	10 to 25	19 to 60	40 to 100
Supplier code		8000 A 02	8000 A 12	8000 A 22	8000 A 32
277GE	Each	22,40	21,20	23,20	26,30



Orig. Gedore - Art. 8000 A

For rings as per DIN 471 and DIN 983. Interchangeable bent tips. In CHROME-VANADIUM STEEL. Hardened noses. Ratchet with lock lever. Enamelled black finish.

Art.		277GF	277GL	277GN
Overall length	mm	560	560	585
For rings Ø by	mm	85 to 140	122 to 300	252 to 400
tips Ø	mm	3,2	3,5	4,5
Weight	grams	1950	1950	1980
	Each	130,00	130,00	130,00

Spare tips for Art. 277 GF

O277GF	Per pair	16,70
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Spare tips for Art. 277 GL

O277GL	Per pair	16,70
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Spare tips for Art. 277 GN

O277GN	Per pair	16,70
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COMBINED CIRCLIP PLIERS FOR RETAINING RINGS, STRAIGHT PATTERN

Prod. SCU

For internal and external rings. In special steel. For precision mechanics and electronics. Enamelled black finish, plastic-coated handles.

Overall length	mm	200
For int. rings Ø by	mm	19 to 60
For ext. rings Ø by	mm	19 to 45
278G	Each	40,40

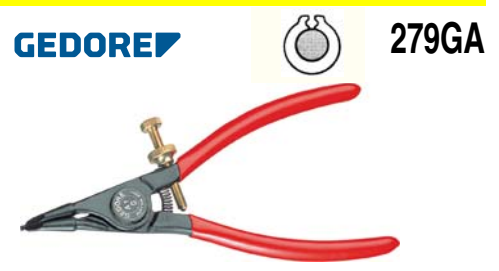


CIRCLIP PLIERS FOR LOOSE RETAINING RINGS

Orig. Gedore - Art. 8000 AG

For external rings, according to DIN 471-983 (Seeger) and DIN 6799 (Benzing). In CHROME-VANADIUM steel. Suitable for installing retaining rings on smooth rods. With reinforced, hardened, thin tips for difficult-to-access areas. Black enamelled head and plastic-coated handles. With locking screw. 30° angled pattern 139 and 140mm, straight pattern 170mm.

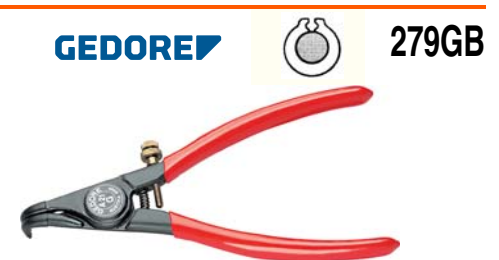
Overall length	mm	139	140	170
For Seeger rings Ø by	mm	1,5 to 3,5	4 to 9	10 to 15
For Seeger rings Ø by	mm	1,5 to 3,5	3 to 11	12 to 16
279GA	Each	40,80	40,80	42,10



Product description as Art. 279GA

90° angled pattern.

Overall length	mm	139	140	170
For Seeger rings Ø by	mm	1,5 to 3,5	4 to 9	10 to 15
For Seeger rings Ø by	mm	1,5 to 3,5	3 to 11	12 to 16
279GB	Each	40,80	40,80	42,10





SET OF CIRCLIP PLIERS FOR RETAINING RINGS

279GP GEDORE



Orig. Gedore - Art. S 8100

Set of assorted pliers for retaining rings, enamelled black head and plastic-coated handles.

4 pieces set:

- 1 pliers Art. 274 GA x 140
 - 1 pliers Art. 274 GA x 180
 - 1 pliers Art. 276 GA x 140
 - 1 pliers Art. 276 GA x 175
- In cardboard box.

279GP	Each	83,60
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279GS GEDORE



Orig. Gedore - Art. S 8000

Product description as Art. 279GP

4 pieces set:

- 1 pliers Art. 274 GA x 180
 - 1 pliers Art. 275 GA x 170
 - 1 pliers Art. 276 GA x 175
 - 1 pliers Art. 277 GA x 165
- In cardboard box.

279GS	Each	85,30
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CRIMPING PLIERS TO STOP WATER FLOWING INTO PIPES

282E SCU



Prod. SCU

In sturdy synthetic material with closing ring. Suitable for tightening rubber pipes, without metal reinforcement, radiator, heating system, air conditioning system, water pipes, in the automotive, engineering and maintenance field, etc.

For pipes up to Ø	mm	15	28	55
For pipes min. Ø	mm	8	15	25
Overall length	mm	160	185	250
282E	Each	16,10	26,70	40,30

282G SCU



Professional type, very sturdy, made from steel plate.

Easy jaw opening and closing mechanism. Plastic-coated handles. Suitable for tightening rubber pipes, without metal reinforcement, radiator, heating system, air conditioning system, water pipes, in the automotive, engineering and maintenance field, etc.

For pipes Ø	inch	3/4	1.1/4	2.1/2
For pipes Ø	mm	19	30	60
Overall length	mm	135	230	340
282G	Each	35,20	52,20	71,50

HOSE CLAMP PLIERS

283G SCU



Prod. SCU

In sturdy sheet steel with handles coated in soft material, and a head composed of special, burnished alloys. Spring ring type with a round cross section.

Jaws with 360° swivelling dowels with grooves for attaching the ends of the rings in places where access is made difficult. Handle with ratchet and stationary movement.

Overall length	mm	215
Jaws max opening	mm	45
283G	Each	49,30

283GA SCU



Sturdy sheet steel. Adjustable type on 3 positions with fixing lever, for spring rings with simple round section.

Fixed jaws with grooves for the insertion of ring ends.

Overall length	mm	220
Jaws max opening	mm	90
283GA	Each	49,20

283GE SCU



Sturdy sheet steel. For spring rings with simple round section. Jaws with 360° revolving inserts with grooves for the insertion of ring ends even in difficult-to-access areas.

Overall length	mm	200
Jaws max opening	mm	58
283GE	Each	50,70



Sturdy sheet steel, burnished head in hardened special steel. With fixing lever for simple and bifilar spring rings. Jaws with 360° revolving inserts and grooves for the insertion of ring ends even in difficult-to-access areas. Handles with movement and spring stop.

Overall length	mm	270
Jaws max opening	mm	112
283GL	Each	69,90

SCU

283GL



In sturdy sheet steel with handles coated in soft material, and a head composed of special, burnished alloys. Spring ring type with a round cross section. Jaws with 360° swivelling dowels with grooves for attaching the ends of the rings in places where access is made difficult. Handle with ratchet and stationary movement.

Overall length	mm	230
Jaws max opening	mm	70
284G	Each	54,70

SCU

284G



For spring ring binders, two-wire see Art. 3474 VE.

HOSE CLIP PLIERS "CLIC"

Prod. SCU

In forged oil-hardened steel. Spring-equipped hinge. Burnished finish. Plastic-coated handles. For opening/closing "CLIC" and "CLIC R" hose clips from Ø 5 to 30mm. Total length 175mm.

285G	Each	44,90
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To clamps "CLIC" see Art. 3474 VL.

SCU

285G



HOSE CLIP PLIERS

Orig. Klann - Art. KL-0121-90

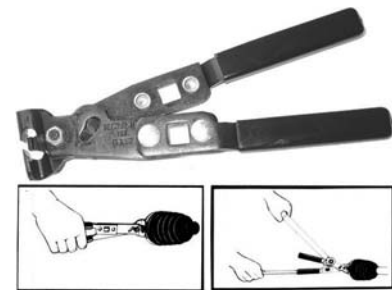
Professional type made from special steel, very sturdy, plastic-coated handles. Double point rotation hinge to reduce stress. 1/2" square drives on arms for torque wrench clamping. Plastic-coated handles. Suitable for clamping hose clips Art. 3474 Z without damaging the pipe. Overall length 235 mm.

285GE	Each	165,00
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GEDORE

1/2"

285GE



Prod. SCU

In special steel. Hinge with variable fulcrum to reduce the effort. 1/2-inch square drive on the arms for tightening with a dynamometric wrench. Plastic handles. To tighten the 2-ear clamps Art. 3474 Z without damaging the pipe. Overall length 235 mm.

285GL	Each	65,80
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Cable tie two ears see Art. 3474 Z.

SCU

1/2"

285GL



UNIVERSAL PLIERS, TYPE FIT

Prod. SCU - Orig. FIT

In forged steel. Insulated handles. Pliers combined with shears and cutter.

Overall length	mm	200
289G	Each	22,60

SCU

289G



MULTI-PURPOSE COMBINATION PLIERS

Orig. Marvel

In alloy steel. Finely worked, thick plastic-coated handles. Flat head. Particularly suitable for electricians. Parallel serrated openings for perfect cable clamping. Cutter for copper and steel wires up to R 120 kg/sqmm. The head lower part is equipped with clamping system for non-insulated terminals from 2,5 to 6 sqmm.

Overall length	mm	220
290G	Each	57,10



290G





COMBINATION PLIERS

320G

SCU



Prod. SCU

Standard type, in special steel.
Chrome-plated head, insulated handles.

Overall length	mm	180	200
320G	Each	9,12	10,30

330A

SCU



In forged special steel with hardened noses and cutter. Chrome-plated head.
Insulated handles. For hard wire.

Overall length	mm	160	180	200
330A	Each	13,90	16,10	18,70

332GA

SCU



Universal model manufactured according to DIN ISO 5746 Standards.

In forged, hardened special steel.
Induction hardened cutters for hard wires.
Polished head. Plastic-coated handles.

Overall length	mm	160	180	200
For hard wires up to Ø	mm	1,8	2,5	2,8
332GA	Each	16,20	17,80	22,70

332GE

SCU



Product description as Art. 332GA

Polished head. Dual component insulated handles.

Overall length	mm	160	180	200
For hard wires up to Ø	mm	1,8	2,5	2,8
332GE	Each	20,20	21,40	24,70

334GA

GEDORE



Orig. Gedore - Art. 8245 TL

Universal model manufactured according to DIN ISO 5746 Standards.

In forged, oil-hardened and tempered special steel.
Induction hardened cutters for hard wires.
Black lacquered head.
Plastic-coated handles.

Overall length	mm	160	180	200
For hard wires up to Ø	mm	2	2,2	2,5
334GA	Each	21,70	22,50	24,40

336G

GEDORE



Orig. Gedore

Product description as Art. 334GA

Chrome-plated head.
Dual component insulated ergonomic handles for excellent gripping and comfort.

Overall length	mm	125	160	180	200
For hard wires up to Ø	mm	-	2	2,2	2,5
Supplier code		8200 IC	8245 IC	8245 IC	8245 IC
336G	Each	31,40	26,20	28,50	32,10

341G

GEDORE



Orig. Gedore - Art. 8210 TL

Thin head model manufactured according to DIN ISO 5746 Standards.

In high-resistant forged, oil-hardened and tempered steel.
Induction hardened cutters for hard wires.
Enamelled black head.
Plastic-coated handles.

Overall length	mm	160	180	200
For hard wires up to Ø	mm	2	2,2	2,5
341G	Each	28,50	30,10	33,50

342G

GEDORE



Orig. Gedore - Art. 8210 JC

Product description as Art. 341G

Chrome-plated head.
Dual component insulated ergonomic handles for excellent gripping and comfort.

Overall length	mm	160	180	200
For hard wires up to Ø	mm	2	2,2	2,5
342G	Each	35,10	36,60	41,30



Orig. Gedore - Art. 8250 TL

Particularly suitable for hard works, manufactured according to DIN ISO 5746 standards. In high-resistance steel, forged and oil-hardened. Cutting edges induction hardened designed for particularly hard wires, also in harmonic steel (Hardness approx. 63 HRC). The particular hinge position creates a favourable leverage ratio and therefore a 35% strength saving in relation to traditional pliers.

Polished head, black sides. Plastic-coated handles.

Overall length	mm	180	200	225
For hard wires up to Ø	mm	2,5	2,8	3
For harmonic wire up to Ø	mm	2	2,2	2,5
343G	Each	24,50	26,10	30,30

GEDORE

343G



CERNIERA AVANZATA
+35% DI POTENZA

Orig. Gedore - Art. 8250 JC

Product description as Art. 343G

Chrome-plated head. Dual component insulated ergonomic handles.

Overall length	mm	180	200
For hard wires up to Ø	mm	2,5	2,8
For harmonic wire up to Ø	mm	2	2,2
345G	Each	35,40	37,40

VDE-EN 60900 safety insulation type, see Art. 352 GM-N.

GEDORE

345G



CERNIERA AVANZATA
+35% DI POTENZA

Orig. Gedore - Art. 8248-160 JC

Model with head inclined at 60°, tapered, for comfortable, fast and prolonged use. In high-strength steel forged and oil-hardened. Cutting edges induction-hardened for cutting particularly hard wires, also made of harmonic steel (Hardness approx. 63 HRC).

Dual component material insulated ergonomic handles, of great power and comfort. Knurled noses with staggered teeth for safer tightening of round, hexagonal, polygonal objects (screws, bolts, etc.).

Overall length	mm	165
For harmonic wire up to Ø	mm	1,6
346E	Each	38,30

GEDORE

346E



Prod. SCU

Multipurpose model. Inclined, extra-slim head. Spring opening for comfortable use. Quick and handy.

In high-resistant forged and tempered steel. Induction hardened cutters for hard wires. Dual component insulated ergonomic handles for excellent gripping and comfort.

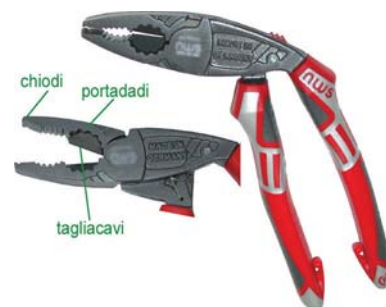
Knurled noses with nail-holder suitable for clamping round, flat bodies. Ring spanner wrench-equipped for 10-17mm bolt tightening (M 8 - M 10).

Opening retainer.

Overall length	mm	200
For hard wires up to Ø	mm	2,5
For electric cables up to Ø	mm	13
For round bodies tightening up to Ø	mm	20
346G	Each	42,60

SCU

346G



ASSORTED PLIERS AND CUTTERS

Orig. Gedore - Art. S 8003 TL

Assorted pliers and cutter, enamelled black head and plastic-coated handles.

3 pieces set:

- 1 pliers Art. 251 G x 160
- 1 pliers Art. 343 G x 180
- 1 cutter Art. 573 G x 160

In cardboard box.

347GA	Each	77,90
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GEDORE

347GA



Orig. Gedore - Art. S 8003 JC

Assorted pliers and cutter, chrome-plated head and dual component insulated handles.

3 pieces set:

- 1 pliers Art. 251 GB x 160
- 1 pliers Art. 345 G x 180
- 1 cutter Art. 573 GB x 160

In cardboard box.

347GB	Each	109,00
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GEDORE

347GB





347GE GEDORE



Orig. Gedore - Art. S 8303 TL

Assorted pliers and cutter, enamelled black head and plastic-coated handles.

3 pieces set:
1 pliers Art. 343 G x 180
1 adjustable pliers Art. 362 GE
1 cutter Art. 573 G x 160
In cardboard box.

347GE	Each	94,40
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347GF GEDORE



Orig. Gedore - Art. S 8303 JC

Assorted pliers and cutter, chrome-plated head and dual component insulated handles.

3 pieces set:
1 pliers Art. 345 G x 180
1 adjustable pliers Art. 362 GL
1 cutter Art. 573 GB x 160
In cardboard box.

347GF	Each	130,00
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ASSORTED PLIERS, CUTTERS AND WIRE STRIPPING PLIERS

347GR GEDORE



Orig. Gedore - Art. S 8200 JC

Product description as Art. 347GF

4 pieces set:
1 pliers Art. 345 G x 180
1 pliers Art. 251 GB x 160
1 cutter Art. 570 GB x 160
1 pliers Art. 191 GB
In cardboard box.

347GR	Each	135,00
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INSULATED TOOLS ACCORDING TO VDE STANDARDS

350GA SCU



Prod. SCU - Orig. Wiha

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

DYNAMOMETRIC HANDLES WITHOUT BLADES

.Type particularly suitable for controlled tightening in electrical areas with live parts up to 1000 V AC and 1500 V DC.

Ergonomic handles made from multicomponent material, with torque value continuously adjustable and visible in window within a range from 0.6 to 8 Nm (3 sizes). Once the pre-set tightness has been reached, there is a click that can be detected by touch. Protected unscrewing function.

To be used with 1000 V insulated blades, 6 mm, with different shapes Art. 350 GB-C-E-F-H-L. Tolerance: ± 6% for each value of the scale.

For right hand. Supplied with certificate according to DIN ISO 6789.

Complete with blade-holder for VDE 6 mm blades and special screwdriver for torque adjustment.

Size		2	5	8
Tightening capacity	Nm	0,6-2	1-5	2-7
Scale division		0,1 Nm	0,2 Nm	0,25 Nm
Overall length	mm	131	138	142
350GA	Each	291,00	302,00	323,00

350GB SCU



Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

BLADES FOR DYNAMOMETRIC HANDLES ART. 350 GA

In **CHROME-VANADIUM** steel, hardened, burnished.

Length of blade mm 75.

With flat tip.

Size		2,5	3	4	5,5	6,5
Cutting edge	mm	2,5x0,4	3x0,5	4x0,8	5,5x1	6,5x1,2
350GB	Each	12,90	12,90	12,90	12,90	12,90

350GC SCU



Product description as Art. 350GB

With **PHILLIPS** tip.

Size		1	2
For screws	M	2-3	3,5-5
350GC	Each	12,90	12,90



2

Product description as Art. 350GB

With POZIDRIV tip.

Size		1	2
For screws	M	2-3	3,5-5
350GE	Each	12,90	12,90



350GE

Product description as Art. 350GB

With PHILLIPS tip combined with straight cut.

Size		1	2
For screws	M	2-3	3,5-5
350GF	Each	12,90	12,90



350GF

Product description as Art. 350GB

With POZIDRIV tip combined with straight cut.

Size		1	2
For screws	M	2,6-3	3,5-5
350GH	Each	12,90	12,90



350GH

Product description as Art. 350GB

With TORX tip.

TORX size	T	8	10	15	20	25
For screws	M	2,5	3	3,5	4	5
350GL	Each	12,90	12,90	12,90	12,90	12,90



350GL

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

SELECTION OF TOOLS

Consisting of 9 tools:

- 1 torque handle Art. 350 GA x 5
- 1 blade Art. 350 GB x 4
- 1 blade Art. 350 GB x 5,5
- 1 blade Art. 350 GC x 1
- 1 blade Art. 350 GC x 2
- 1 blade Art. 350 GE x 1
- 1 blade Art. 350 GE x 2

In a sturdy bag that can be rolled up.

350GP	Each	300,00
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Product running out of stock.



350GP

Orig. Gedore - Art. VDE 8120H-DIN ISO 5745

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

STRAIGHT FLAT NOSE PLIERS

In special steel, oil-hardened and tempered. Long, finely serrated noses. Chrome-plated finish.

Coating insulated

Overall length	mm	160
351GA	Each	37,10

For VDE pliers see Art. 138 GA - GB.



351GA

Orig. Gedore - Art. VDE 8120-DIN ISO 5745

Product description as Art. 351GA

Dipped insulated

Overall length	mm	160
352GA	Each	53,50



352GA

**352GD GEDORE****Orig. Gedore - Art. VDE 8132H-DIN ISO 5745**

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.
STRAIGHT HALF-ROUND NOSE PLIERS
In special steel, oil-hardened and tempered. Long noses, with cutter.
Cutting edges additionally induction hardened
Chrome-plated finish.

Coating insulated

Overall length	mm	160	200
352GD	Each	34,10	44,10

352GE GEDORE**Orig. Gedore - Art. VDE 8132-DIN ISO 5745**

Product description as Art. 352GD

Dipped insulated

Overall length	mm	160	200
352GE	Each	48,20	51,80

352GE 3 GEDORE**Orig. Gedore - Art. VDE 8122H-DIN ISO 5745**

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

STRAIGHT ROUND NOSE PLIERS

In special steel, oil-hardened and tempered.

Long, finely serrated noses. Chrome-plated finish.

Coating insulated

Overall length	mm	160
352GE 3	Each	36,50

When stocks will be run out, the pliers will be supplied with red and yellow handles.**352GF GEDORE****Orig. Gedore - Art. VDE 8122-DIN ISO 5745**

Product description as Art. 352GE 3

Dipped insulated

Overall length	mm	160
352GF	Each	53,50

352GH GEDORE**Orig. Gedore - Art. VDE 8132 AB-H**

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

CURVED HALF-ROUND NOSE PLIERS

In special steel, oil-hardened and tempered. Long noses, with cutter.

Cutting edges additionally induction hardened.

Chrome-plated finish.

Coating insulated

Overall length	mm	160	200
352GH	Each	40,50	44,10

352GL GEDORE**Orig. Gedore - Art. VDE 8132 AB**

Product description as Art. 352GH

Dipped insulated

Overall length	mm	160	200
352GL	Each	53,90	57,10

352GLE GEDORE**Orig. Gedore - Art. VDE 8131 AB-H**

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

HALF-ROUND CURVED NOSE PLIERS COMBINED WITH CUTTER, CLOSE-TERMINAL AND STRIPPERS MM² 1.5 AND 2.5

Special oil hardened steel. Long beaks.

Cutting edges additionally induction hardened

Chrome-plated finish.

Coating insulated

Overall length	mm	200
352GLE	Each	57,70



Orig. Gedore - Art. VDE 8250-H-DIN ISO 5746

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

UNIVERSAL PLIERS

Powerful head, in oil-hardened special steel, with high-lever action cutter for easy cutting (35% strength saving).

Cutting edges additionally induction hardened, hardness Hrc 63, for extra-hard wires and harmonic steel.

Chrome-plated finish.

Coating insulated

Overall length	mm	160	180	200
352GM	Each	38,40	39,80	41,80

GEDORE

352GM



CERNIERA AVANZATA
+35% DI POTENZA



Orig. Gedore - Art. VDE 8250-DIN ISO 5746

Product description as Art. 352GM

Dipped insulated

Overall length	mm	160	180	200	225
352GN	Each	47,30	48,90	51,80	57,80

GEDORE

352GN



CERNIERA AVANZATA
+35% DI POTENZA



Orig. Gedore - Art. VDE 8098H

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

UNIVERSAL PLIERS

In oil-hardened and tempered special steel. With opening adjustment by brassed screw.

Chrome-plated finish.

Coating insulated

Overall length	mm	160
For wires	mm ²	0,8 to 6
352GP	Each	38,80

GEDORE

352GP



Orig. Gedore - Art. VDE 8098

Product description as Art. 352GP

Dipped insulated

Overall length	mm	160
For wires	mm ²	0,8 to 6
352GR	Each	50,10

GEDORE

352GR



Orig. Gedore - Art. VDE 8314H-8316H

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

OBLIQUE CUTTERS

In special steel, oil-hardened and tempered. Cutting edges additionally induction hardened, hardness Hrc 64, for extra-hard wires and harmonic steel.

Chrome-plated finish.

Coating insulated

Overall length	mm	140	160	180	200
For harmonic wire up to Ø	mm	1,4	1,6	1,8	2
352GS	Each	35,60	37,90	51,10	54,60

GEDORE

352GS



Orig. Gedore - Art. VDE 8314-8316

Product description as Art. 352GS

Dipped insulated

Overall length	mm	140	160	180	200
For harmonic wire up to Ø	mm	1,4	1,6	1,8	2
352GT	Each	46,10	47,20	60,70	65,90

GEDORE

352GT



**352GV GEDORE****Orig. Gedore - Art. VDE 8367**

Insulation tools up to Volt 1000 with VDE - EN 60900 test mark.

FRONT CUTTERS

In special oil tempered steel. Cutting blades with additional induction hardening, hardness Hrc 64, to cut extra-hard wires and harmonic steel.

Chrome finish.

Submersion insulated.

Overall length mm 160
For harmonic wire up to Ø mm 1,6**352GV** Each **60,00****352GZ GEDORE****Orig. Gedore - Art. VDE 146 10**

Product description as Art. 352GV

ADJUSTABLE PLIERS

Made of CHROME-VANADIUM steel. Chrome-plated finish.

Fixed double hinge, 7 adjustments.

Overall length mm 260

352GZ Each **80,70****353GA GEDORE****1/2"****Orig. Gedore - Art. VDE 4508-05**

Product description as Art. 352GV

TORQUE WRENCHES

In hardened steel.

Audible signal on reaching of the preset torque value. Double scale with readings in metric and SAE values.

Setting on handle grip. With fine toothed ratchet mechanism.

Square drive with socket retainer. ±3% tolerance of the scale set torque.

Tightening capacity Nm 10 a 50

Overall length mm 369

Square drive inch 1/2

Weight Kg 0,82

353GA Each **740,00**

For torque wrench connection 1/4 see Art. 355 GZBA.

353GB GEDORE**Orig. Gedore - Art. VDE 894-DIN 7446**

Product description as Art. 352GV

SINGLE OPEN-ENDED WRENCHES

CHROME-VANADIUM steel up to mm 22. Special steel from 24mm.

Opening	mm	9	10	11	12	13	14	15	16
Overall length	mm	105	105	115	125	135	145	150	155
353GB	Each	27,30	27,30	28,10	28,10	28,10	30,50	30,30	30,50

Opening	mm	17	19	22	24	27	30	32
Overall length	mm	160	175	200	220	245	265	280
353GB	Each	30,30	30,60	37,90	41,50	45,70	45,70	51,40

353GE GEDORE**Orig. Gedore - Art. VDE 2E-DIN 7447**

Product description as Art. 352GV

BIHEXAGONAL WRENCHES

CHROME-VANADIUM steel. Wide jaw opening.

Opening	mm	8	9	10	11	12	13	14	15
Overall length	mm	170	170	170	180	190	190	210	215
353GE	Each	35,20	35,10	40,10	40,10	41,80	42,60	44,30	44,10

Opening	mm	17	19	22	24	27	30	32
Overall length	mm	220	240	260	280	295	310	330
353GE	Each	46,50	46,50	49,60	52,10	57,10	63,90	62,10

353GF GEDORE**Orig. Gedore - Art. VDE 2133-DIN 7445**

Product description as Art. 352GV

SOCKET WRENCHES WITH PLASTIC HANDLE

CHROME VANADIUM steel; dual-component handle.

Head inside depth 25mm. Blade length 125mm.

Hexagon opening	mm	3	4	5	6	7	8	9
Overall length	mm	220	220	220	220	230	230	230
Head ext Ø	mm	8	10	11	12	14	15	16
353GF	Each	15,50	15,10	15,10	18,40	19,70	21,60	23,30

Hexagon opening	mm	10	11	12	13	14	17
Overall length	mm	230	240	240	240	240	250
Head ext Ø	mm	17	19	20	22	23	27
353GF	Each	25,30	27,10	31,10	35,10	25,40	28,60

When stocks will be run out, we will provide wrenches with handles in different form and with red and yellow colours



2

Orig. Gedore - Art. VDE 1993 U-DIN 7449

Product description as Art. 352GV

RATCHETS LEVERS

CHROME-VANADIUM steel with lever for right/left rotation.

Fine and sturdy toothing. 1/2" square drive with socket retainer.

Overall length	mm	270
353GL	Each	147,00



Orig. Gedore - Art. VDE 1990-DIN 7434

Product description as Art. 352GV

EXTENSIONS

CHROME-VANADIUM steel.

1/2" square connection with bush set screw (3mm) 1 Allen key for set screw.

Overall length	mm	125	250
353GM	Each	42,20	55,30



Orig. Gedore - Art. VDE 1988-DIN 7436

Product description as Art. 352GV

T-HANDLE

CHROME-VANADIUM steel.

1/2" square connection with bush set screw (3mm) and 1 Allen key for set screw.

Overall length	mm	200
353GN	Each	94,50



Orig. Gedore - Art. VDE 19-DIN 7448

Product description as Art. 352GV

HEXAGONAL SOCKETS

CHROME-VANADIUM steel.

Hand-operated, extra robust construction. 1/2" square drive.

Hexagon opening	mm	10	11	12	13	14	15	17
353GP	Each	24,10	24,10	24,10	24,10	24,10	24,10	24,90
Hexagon opening	mm	19	22	24	27	30	32	
353GP	Each	26,50	28,10	32,10	44,10	44,10	44,10	



Orig. Gedore - Art. VDE IN 19

Product description as Art. 352GV

EXTERNAL HEX TYPE SOCKETS

CHROME-VANADIUM steel.

Hand-operated, extra robust construction. 1/2" square drive. Length: 106mm.

For screws Ø	mm	5	6	8
353GR	Each	48,00	48,00	48,00



Orig. Gedore - Art. VDE 2170-DIN 5264A

Product description as Art. 352GV

FLAT BLADE SCREWDRIVERS

CHROME-VANADIUM steel blade. Bi-component handle. Black blade tip.

Blade width	mm	2,5	3	3,5	4	5,5	6,5	8	10
Blade length	mm	75	100	100	100	125	150	175	200
Cutting edge	mm	0,4	0,5	0,6	0,8	1	1,2	1,2	1,6
Grip length	mm	80	80	90	90	100	110	120	120
353GS	Each	6,96	7,18	8,26	9,74	10,90	14,50	15,90	20,10



**353GT GEDORE****Orig. Gedore - Art. VDE 2160PH-DIN ISO 8764-1/PH**

Product description as Art. 352GV

CROSSBLADE PHILLIPS SCREWDRIVERS

CHROME-VANADIUM steel blade. Bi-component handle. Black blade tip.

Size		0	1	2	3	4
Blade length	mm	60	80	100	150	200
Grip length	mm	80	100	110	120	120
For screws	M.	1,6-2,0	2,0-3,0	3,5-5,0	5,5-7,0	8,0-10
353GT	Each	8,02	10,30	14,10	15,90	22,30

Other VDE insulated screwdrivers, see Art. 1913 GA to 1913 GH, Art. 1921 GA to 1923 GE and assorted sets Art. 1943 GB to 1943 GT.
For screwdrivers tester and research magnetic fields with insulated blade 1000V see. Art. 1908 GT.

353GU GEDORE**Orig. Gedore - Art. VDE 2160 PZ-DIN ISO 8764-1/PZ**

Product description as Art. 352GV

CROSSBLADE POZIDRIV/SUPADRIV SCREWDRIVERS

CHROME-VANADIUM steel blade. Bi-component handle. Black blade tip.

Size		0	1	2	3	4
Blade length	mm	60	80	100	150	200
Grip length	mm	80	100	110	120	120
For screws	M.	1,6-2,0	2,0-3,0	3,5-5,0	5,5-7,0	8,0-10
353GU	Each	9,84	11,40	16,40	18,10	23,40

For VDE insul. phase-detecting screwdrivers, see from Art. 1907 GL to 1907GV. For VDE insul. electr. testers, see Art. 4482 GA to 4482 GP.

353GV GEDORE**Orig. Gedore - Art. VDE 4522**

Product description as Art. 352GV

KNIVES FOR ELECTRICIANS

Sturdy special steel blade suitable for cable cutting.

Chromium-plated finish.

Solid and elastic plastic handle.

Blade length	mm	50
Overall length	mm	180

353GV	Each	19,20
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354GE GEDORE**Orig. Gedore - Art. VDE S 8003-H**

Product description as Art. 352GV

ASSORTED SET OF PLIERS AND CUTTERS

Assorted set of pliers and cutter, chrome-plated heads. Coating insulation.

The set comprises 3 items:

1 pliers Art. 352 GD x 160

1 pliers Art. 352 GM x 180

1 cutter Art. 352 GS x 160

Packed in carton case.

354GE	Each	111,00
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When stocks will be run out, the pliers and the nippers will be supplied with red and yellow handles.

354GN GEDORE**Orig. Gedore - Art. VDE S 8003**

Product description as Art. 352GV

ASSORTED SET OF PLIERS AND CUTTERS

Assorted set of pliers and cutter, chrome-plated heads. Dipping insulation.

The set comprises 3 items:

1 pliers Art. 352 GE x 160

1 pliers Art. 352 GN x 180

1 cutter Art. 352 GT x 160

Packed in carton case.

354GN	Each	143,00
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2

Orig. Gedore - Art. VDE 2170-2160-PH-077

Product description as Art. 352GV
ASSORTED SET OF SCREWDRIVERS

7-tools set:

- 1 screwdriver Art. 353 GS x 2,5
- 1 screwdriver Art. 353 GS x 4
- 1 screwdriver Art. 353 GS x 5,5
- 1 screwdriver Art. 353 GS x 6,5
- 1 screwdriver Art. 353 GT x 0
- 1 screwdriver Art. 353 GT x 1
- 1 screwdriver Art. 353 GT x 2

In carton case.

354GP Each **75,40**

GEDORE

354GP



Orig. Gedore - Art. VDE 1001

Product description as Art. 352GV
ASSORTED SET OF TOOLS

Assorted set of 13 tools comprising:

- 8 exagonal sleeves Art. 353 GP mm 10-12-13-14-17-19-22-24
- 1 ratchet lever Art. 353 GL mm 270
- 2 extensions Art. 353 GM mm 125-250
- 1 T-handle Art. 353 GN
- 1 flat-tip screwdriver Art. 353 GS mm 5,5
- 1 key 914 G 2,5 included

In sturdy PVC case.

354GR Each **779,00**

GEDORE

354GR



Orig. Gedore-Prod. SCU

Product description as Art. 352GV
ASSORTED SET OF TOOLS

16-tools set:

- 1 tool bag Art. 2076 GD
- 1 pliers Art. 352 GM x 180
- 1 pliers Art. 352 GD x 160
- 1 pliers Art. 352 GP
- 1 cutter Art. 352 GS x 160
- 1 cable cutter Art. 356 GA
- 1 knife Art. 353 GV
- 4 wrenches Art. 353 GB x 10-13-17-19
- 2 screwdrivers Art. 353 GS x 3,5-5,5
- 2 screwdrivers Art. 353 GT x 1-2
- 1 phase-detecting screwdriver Art. 1907 GL

In rolling tool bag.

354GS Each **401,30**

GEDORE

354GS



Product description as Art. 352GV

ASSORTED SET OF TOOLS

23-tools set:

- 1 tool bag Art. 2077 GD 5
- 1 pliers Art. 352 GM x 180
- 1 pliers Art. 352 GD x 160
- 1 pliers Art. 352 GH x 160
- 1 pliers Art. 352 GP
- 1 tweezers Art. 138 GA
- 1 tweezers Art. 138 GB
- 1 cutter Art. 352 GS x 160
- 1 cable cutter Art. 356 GA
- 1 knife Art. 353 GV
- 1 pliers Art. 352 GZ
- 5 wrenches Art. 353 GB x 10-13-14-17-19
- 2 screwdrivers Art. 353 GS x 4-5,5
- 3 screwdrivers Art. 353 GT x 0-1-2
- 1 phase-detecting screwdriver Art. 1907 GL
- 1 pair of gloves Art. 357 GE

In professional tool bag with handle.

354GV Each **823,80**

GEDORE

354GV



Other assorted set of tools insulated up to V 1000, see Art. 359 G.

**355G SCU****Prod. SCU - DIN 5248**

Hardened steel tools. Very thick grip, red, insulated up to 1000 Volts and officially controlled under voltage VDE, IEC 60900, where indicated.

Pliers and cutters have a double coating, inside yellow, outside red.

SHORT FLAT NOSE PLIERS, STRAIGHT NOSES

Noses length mm. 30.

Chrome-plated finish.

Overall length	mm	160
355G	Each	31,10

355GA SCU

Product description as Art. 355G

LONG FLAT NOSE PLIERS, STRAIGHT NOSES

Noses length mm. 50.

Chrome-plated finish.

Overall length	mm	160
355GA	Each	32,10

355GE SCU**Prod. SCU - DIN 5236 A**

Product description as Art. 355G

STRAIGHT HALF-ROUND NOSE PLIERS

With additionally hardened cutter.

Chrome-plated finish.

Overall length	mm	160	200
355GE	Each	34,10	37,70

355GF SCU**Prod. SCU - DIN 5249**

Product description as Art. 355G

STRAIGHT ROUND NOSE PLIERS

Chrome-plated finish.

Overall length	mm	160
355GF	Each	32,10

355GL SCU**Prod. SCU - DIN 5236 B**

Product description as Art. 355G

LONG HALF-ROUND NOSE PLIERS, CURVED NOSES

With additionally hardened cutter.

Chrome-plated finish.

Overall length	mm	160	200
355GL	Each	35,50	39,30

355GN SCU**Prod. SCU - DIN 5244**

Product description as Art. 355G

COMBINATION PLIERS

With additionally hardened cutter.

Chrome-plated finish.

Overall length	mm	165	190	205
355GN	Each	34,10	35,70	38,10

355GR SCU**Prod. SCU**

Product description as Art. 355G

WIRE STRIPPING PLIERS

With adjusting screw.

For cables up to Ø mm. 6. Cutting edges additionally hardened.

Chrome-plated finish.

Overall length	mm	160
355GR	Each	37,40



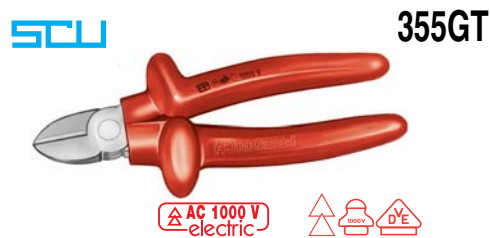
Product description as Art. 355G
SELF-ADJUSTING WIRE STRIPPING PLIERS
 Pistol grip type.
 Body in synthetic material, completely insulated for the utmost safety.
 For cables from Ø mm 2 to 6. Depth adjuster.

Overall length	mm	160
355GS	Each	36,70



Prod. SCU - DIN 5238 B/A
 Product description as Art. 355G
OBLIQUE CUTTERS
 Additionally hardened cutter.
 Chrome-plated finish.

Overall length	mm	160	180	250
For hard wires up to Ø	mm	1,5	1,6	3
For soft wires up to Ø	mm	2,3	2,5	3,5
355GT	Each	34,20	37,40	66,50



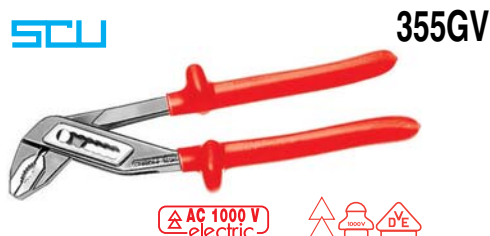
Product description as Art. 355G
PLIERS FOR LEAD SEALS
 Combined with cutters and interchangeable plates.
 Chrome finish.

Overall length	mm	160
Inserts Ø	mm	8
355GTE	Each	96,90



Prod. SCU - DIN 5231 D
 Product description as Art. 355G
ADJUSTABLE PLIERS
 In CHROME-VANADIUM steel. Fixed double hinge, 7 adjustments.
 Chrome-plated finish.

Overall length	mm	240
355GV	Each	42,40



Prod. SCU
 Product description as Art. 355G
FIXED T-WRENCHES WITH HEXAGONAL OPENING
 In special steel, DIN 7440.

Opening	mm	10	11	12	13	14	17	19	
Overall length	mm	200	200	200	200	200	200	200	
355GVT	Each	42,40	42,60	42,60	42,60	44,90	44,90	46,10	
Opening	mm	22	24						
Overall length	mm	200	200						
355GVT	Each	54,70	54,70						



Product description as Art. 355G
RATCHET RING WRENCHES
 Single open-ended wrench.

Opening	mm	10	13	17	19
Overall length	mm	140	150	170	190
355GZ	Each	32,30	33,70	39,60	40,70



Product description as Art. 355G
ALLEN HEAD WRENCHES
 Long pattern.

Hexagon opening	mm	3	4	5	6	8	10
Overall length	mm	130	140	160	180	200	225
355GZA	Each	9,00	9,36	10,60	12,30	13,80	16,80



**355GZB SCU**AC 1000 V
electric

Product description as Art. 355G
ALLEN HEAD WRENCHES "T" TYPE
Long pattern.

Hexagon opening	mm	4	5	6	8
Overall length	mm	200	200	200	200
355GZB	Each	17,20	18,30	19,70	20,80

355GZBA SCU
newAC 1000 V
electric

Product description as Art. 355G
TORQUE WRENCHES

Type with acoustic click. Scale with exposure to metric values. Adjustment on the handle. Square drive with ball stop for the bushes.

Tightening tolerance $\pm 6\%$. Provided of certificate according to DIN EN ISO 6789.

Tightening capacity	Nm	5 to 25
Overall length	mm	205
Square drive	inch	1/4
Weight	Kg	0,39

355GZBA	Each	508,00
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For torque wrench connection 1/2 see Art. 353 GA.

355GZBE SCU
newAC 1000 V
electric

Product description as Art. 355G
RATCHET LEVER

With lever for right and left rotation.

1/4 "square drive with locking device for the bushes.

Overall length	mm	145
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355GZBE	Each	118,00
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355GZBF SCU
newAC 1000 V
electric

Product description as Art. 355G
EXTENSIONS

1/4 "square drive.

Overall length	mm	50	75	100	150
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355GZBF	Each	23,50	24,10	24,70	25,20
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355GZBL SCU
newAC 1000 V
electric

Product description as Art. 355G
HEXAGONAL SOCKETS

CHROME-VANADIUM steel. For manual use.

1/4 "square drive.

Hexagon opening	mm	5	6	7	8	9	10	11
355GZBL	Each	15,40	15,40	15,40	15,40	15,60	15,60	15,60

Hexagon opening	mm	12	13	14
355GZBL	Each	15,90	15,90	15,90

355GZC SCUAC 1000 V
electric

Product description as Art. 355G
RATCHETS

With lever for right/left rotation.

Square connection 1/2" with bush retainer.

Overall length	mm	260
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355GZC	Each	128,00
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355GZE SCUAC 1000 V
electric

Product description as Art. 355G
T HANDLES

1/2 "square connection.

Overall length	mm	200
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355GZE	Each	53,30
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Product description as Art. 355G
INNER HEXAGONAL SOCKETS
1/2" square connection.

Hexagon opening	mm	4	5	6	8	10
Overall length	mm	100	100	100	100	100
355GZH	Each	28,70	28,70	28,70	28,90	29,60

SCU 355GZH



Product description as Art. 355G
MULTITIP SCREWDRIVERS

Supplied with flat and cross multiblade.
Ideal for electricians, suitable for many different kinds of slotted head screws and cross head screws.

Size		1	2
Overall length	mm	170	200
355GZL	Each	9,90	13,20

SCU 355GZL



Product description as Art. 355G
ALLEN HEAD WRENCHES WITH PLASTIC HANDLE
CHROME-VANADIUM steel. Burnished tips.

Hexagon opening	mm	1,5	2	2,5	3	4	5	6
Overall length	mm	135	135	160	160	160	170	195
355GZM	Each	9,68	9,50	9,90	9,90	10,30	11,20	12,60

SCU 355GZM



Product description as Art. 355G
SOCKET WRENCHES WITH PLASTIC HANDLE
CHROME-VANADIUM steel. Hexagonal open ends.

Hexagon opening	mm	5	6	7	8	9	10	11
Overall length	mm	210	210	220	220	220	220	230
355GZP	Each	16,80	16,80	17,80	18,50	19,50	20,30	24,10
Hexagon opening	mm	12	13					
Overall length	mm	230	230					
355GZP	Each	25,80	27,90					

SCU 355GZP



Product description as Art. 355G
BIT-HOLDER HANDLES
CHROME-VANADIUM steel. Hexagonal drive for 1/4" inserts.

Overall length	mm	230
355GZT	Each	21,30

SCU 355GZT *new*



Product description as Art. 355G
ELECTRICAL CABLE CUTTERS
Its special blade shape makes cutting extremely easy.
Burnished head.

Overall length	mm	210
Max cutting Ø	mm	20
356GA	Each	58,20

SCU 356GA



Product description as Art. 355G
ELECTRICAL CABLE CUTTERS
Model for round cables, without deformations. With spring and latch pin.
Forged finished, burnished head.

Overall length	mm	190
Max cutting Ø	mm	14
356GC	Each	74,20

SCU 356GC

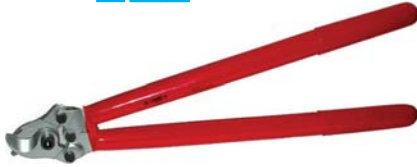


Product running out of stock.

**356GE** SCU

Product description as Art. 355G
ELECTRICAL CABLE CUTTERS
Encircling profile blades allow precise cutting of copper and aluminium cables. High-tensile steel head, polished.
In case of blade replacement, VDE certification becomes void.

Overall length	mm	320	600
Max cutting Ø	mm	20	27
356GE	Each	144,00	228,00

356GH SCU

Product description as Art. 355G
ELECTRICAL CABLE CUTTERS, DOUBLE LEVER
Double lever model suitable to cut copper and aluminium cables formed by one or more wires with rubber or plastic coating. Reduced handle grips to lower effort and cut in hard-to-access positions. Polished head.

Overall length	mm	570
Max cutting Ø	mm	27
356GH	Each	396,00

Other electrical cable cutter Orig.Baudat, insulated IEC 900 standards, see Art. 617 GA.

356GL SCU

Product description as Art. 355G
ELECTRICAL CABLE CUTTER, RACK-TYPE
Rack-type model with ratchet mechanism. Closed blade cut. Forged head, grips made of reinforced sheet. Easy and progressive cut with one hand. Suitable for cutting copper and aluminium cables. Burnished head.

Overall length	mm	250	400
Max cutting Ø	mm	32	52
Max. sect. multi-conductor cut	mm ²	240	500
356GL	Each	254,00	504,00

356GLE SCU

Lama con tacca



INOX

Product description as Art. 355G
ELECTRICIANS SCISSORS
Extra-hard stainless steel blades.
Grips coated with bi-component material with additional ends on rings for safer gripping. Safety screw pin. Sturdy hinge. Microtooth blade for easy cutting.
With wire cutter/wire stripper notch.

Overall length	mm	160
356GLE	Each	30,10

356GLF SCU

Lama senza tacca



INOX

Product description as Art. 355G
ELECTRICIANS SCISSORS
Extra-hard stainless steel blades.
Grips coated with bi-component material with additional ends on rings for safer gripping. Safety screw pin. Sturdy hinge. Microtooth blade for easy cutting.
With smooth blades.

Overall length	mm	160
356GLF	Each	29,60

356GM SCU

Product description as Art. 355G
KNIVES FOR ELECTRICIANS
Sturdy steel blade suitable for wire cutting.
Model with straight, chrome-plated blade. With housing cap. Handle in two-components material to ensure a strong and safe gripping.

Blade length	mm	52
Overall length	mm	200
356GM	Each	23,50

356GP SCU

Product description as Art. 355G
KNIVES FOR ELECTRICIANS
Sturdy steel blade suitable for wire cutting.
Model with wirestripper, chrome-plated. With housing cap. Handle in two-components material to ensure a strong and safe clench.

Blade length	mm	35
Overall length	mm	180
356GP	Each	14,60

Product running out of stock.



Product description as Art. 355G
KNIVES FOR ELECTRICIANS

Sturdy steel blade suitable for wire cutting.
With stripping guide with front supplementary grinding, chrome-plated.
With housing cap. Handle in two-components material to ensure a strong and safe clench.

Blade length	mm	40
Overall length	mm	185
356GR	Each	18,90

Product running out of stock.

SCU **356GR**



Product description as Art. 355G
KNIVES FOR ELECTRICIANS

Sturdy straight steel blade, interchangeable, with safety protection, suitable for wire cutting.
Coated blade spine. Dimensioned handle for strong and safe gripping.

Blade length	mm	45
Overall length	mm	185
356GRE	Each	20,60

Spare blades in package units of 4 pcs. Art. O356 GRE available on request.

SCU **356GRE**



Product description as Art. 355G
SPRING CLAMPS

In synthetic material, completely insulated for highest safety.
Especially suited for insulating blankets.

Overall length	mm	160
356GS	Each	11,70

SCU **356GS**



Product description as Art. 355G
UNIVERSAL PLIERS

In synthetic material, completely insulated for maximum safety.
Fine, grain grip finish noses.
Particularly suited for meter installation.

Overall length	mm	195
356GT	Each	11,80

SCU **356GT**



Product description as Art. 355G
REINFORCED UNIVERSAL PLIERS

In bi-component synthetic material reinforced with fibreglass, for heavy-duty uses, fully insulated for maximum safety.
Noses with grain grip. Toothed grips for better handling. Can be used up to -40° C.

Overall length	mm	180
356GTA	Each	32,90

SCU **356GTA**



Product description as Art. 355G
REINFORCED PLIERS WITH LONG HALF-ROUND NOSES

In bi-component synthetic material reinforced with fibreglass, for heavy-duty uses, fully insulated for maximum safety.
Noses with grain grip. Toothed grips for better handling. Can be used up to -40° C.

Overall length	mm	220
356GTE	Each	33,30

SCU **356GTE**



Prod. SCU - DIN 3117

Product description as Art. 355G
ADJUSTABLE WRENCHES

Overall length	mm	200	250	300
356GV	Each	49,90	58,10	75,20

SCU **356GV**



**357GC** SCU **Prod. SCU**

Product description as Art. 355G

INSULATING MATSIn anti-slip rubber. Oil- and acid-resistant. Thickness 4mm.
Dimensions 1000mm x 1000.

357GC	Each	160,00
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357GD SCU 

Product description as Art. 355G

PROTECTIVE GLOVESIn natural latex, with five fingers. Well suited for electrical installers and service engineers.
Size 9. Overall length approx. 360mm. Class 0.

Thickness	mm	1
For max	Volt	1000
357GD	Per pair	66,30

357GE SCU 

Product description as Art. 355G

PROTECTIVE GLOVESIn natural latex, with five fingers. Well suited for electrical installers and service engineers.
Size 10. Overall length approx. 360mm. Category 0.

Thickness	mm	1
For max	Volt	1000
357GE	Per pair	66,30

357GF SCU 

Product description as Art. 355G

PROTECTIVE GLOVESIn natural latex, with five fingers. Well suited for electrical installers and service engineers.
Size 10. Overall length approx 360mm. Category 1.

Thickness	mm	1,5
For max	Volt	7500
357GF	Per pair	96,10

357GH SCU

Product description as Art. 355G

GLOVES TESTER

Necessary to check the integrity of gloves for electricians Art. 357 GD - E - F, according to EN60903 and IEC903 Standards.

Plastic material body, dia. 115mm, pump functioning.

357GH	Each	363,00
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357GL SCU 

Product description as Art. 355G

PROTECTIVE HELMETS WITH FACE SHIELD

Polyethylene reinforced model with adjustable head band.

Complete with tilting and detachable visor.

Manufactured according to EN 397.

357GL	Each	149,00
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357GP SCU 

Product description as Art. 355G

PROTECTIVE BOOTS

In rubber, with steel point for highest safety.

Colour: white.

N°	42	43	45	
357GP	Per pair	180,00	180,00	180,00

Measure No. 45 is also suitable for size No. 44.



Product description as Art. 355G
STEEL BOWS FOR HACKSAWS
 Reinforced professional model, with aluminium alloy grip and interchangeable blades.
 For blades 300mm in length.
 Bow complete with blade for metals.

357GS	Each	75,40
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See Art. 9563 G and 9565 GT for 300mm spare blades.



Product description as Art. 355G
STEEL BOWS FOR HACKSAWS
 Reinforced professional model, with aluminium alloy structure and interchangeable blades.
 For blades 150mm in length.
 Bow complete with blade for metals.

357GT	Each	49,60
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See Art. 2643 G - GA - GB for 150 mm spare blades.



Product description as Art. 355G
HACKSAW BLADES
 Type made of steel bars with interchangeable blades.
 For blades 150mm in length.
 Bow complete with blade for metals.

357GTE	Each	22,80
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See Art. 2643 G - GA - GB for 150 mm spare blades.



Product description as Art. 355G
SAFETY BRUSHES
 Suited for dust. In synthetic material.

Width	mm	25	50
357GV	Each	11,40	17,90



Product description as Art. 355G
MIRRORS

Fixed mirror type Ø 22mm.

Overall length	mm	170
357GZ	Each	28,30



Product description as Art. 355G
INSULATING TAPES

PVC type, adhesive, for joints, repairs and assembly of circuits and electrical installations.
 Red tape, total length 10m.

Belt width	mm	50	100
358GT	Each	12,10	23,70



Product description as Art. 355G
ASSORTMENT OF TOOLS

- Comprises 16 tools:
- 1 pouch Art. 2071 ZM
 - 3 flat-tip screwdrivers Art. 1923 GA 75 - 100 - 125
 - 3 cross-slotted screwdrivers Art. 1923 GE 0 - 1 - 2
 - 1 phase-detecting screwdriver Art. 1907 GP
 - 1 wire stripper with blade Art. 199 GS
 - 1 universal pliers Art. 355 GN 190
 - 1 long nosed pliers Art. 355 GE 160
 - 1 cutter Art. 355 GT 180
 - 1 scissors Art. 656 R
 - 1 hammer Art. 2705 GR 300
 - 1 knife Art. 356 GRE
 - 1 tweezers Art. 138 GA
- In sturdy pouch to be fitted on a belt.

359A	Each	246,14
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The compositions shown are only an indication.



**359E**
new**SCU****1/4"**

Product description as Art. 355G
ASSORTMENT OF TOOLS
Composed of 7 tools:
5 hexagonal sockets 1/4" drive Art. 355 GZBL mm 6-7-8-10-13
1 1/4" ratchet lever Art. 355 GZBE
1 extension 1/4" drive Art. 355 GZBF 100
In sturdy PVC case.

359E Each **259,00****359G****SCU****1/2"**

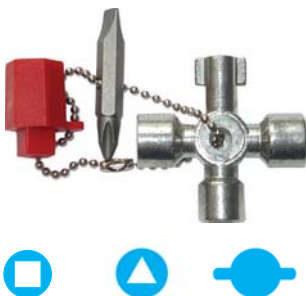
Product description as Art. 355G
ASSORTMENT OF TOOLS
Assorted set of 18 tools comprising:
7 hexagonal sockets 10-11-12-13-14-17-19mm connection 1/2"
1 ratchet lever connection 1/2" Art. 355 GZC 240mm
1 extension 125mm connection 1/2"
3 nut drivers with handle Art. 355 GZP 6-7-8mm
2 flat-tip screwdrivers 100x4-125x5.5mm
1 cross-tip screwdriver PH 1
1 phase-detecting screwdriver Volt 125-250
1 pliers Art. 355 GN 190
1 cutter Art. 355 GT 160
In sturdy PVC case.

359G Each **566,00****359GE****SCU**

Product description as Art. 355G
ASSORTMENT OF TOOLS
Comprises 35 tools:
1 trolley bag Art. 2071 ZT
6 Allen head wrenches Art. 355 GZA 3 - 4 - 5 - 6 - 8 - 10
4 flat-tip screwdrivers Art. 1923 GA 75 - 100 - 125 - 150
4 cross-slotted screwdrivers Art. 1923 GE 0 - 1 - 2 - 3
1 phase-detector screwdriver Art. 1907 GP
1 wire stripper Art. 355 GS
1 universal pliers Art. 355 GN 190
1 long nosed pliers Art. 355 GE 160
1 cutter Art. 355 GT 180
1 scissors Art. 656 R
1 scissors case Art. 661 L
1 hammer Art. 2705 GR 300
1 adjustable pliers Art. 355 GV
1 knife Art. 356 GRE
1 tweezers Art. 138 GA
1 cable cutters Art. 356 GA
1 pair of gloves Art. 357 GE
1 bow Art. 357 GT
1 cabinet wrench Art. 359 GM
1 wire stripper with blade Art. 199 GS
1 pliers for cable lugs Art. 205 G
1 pliers for cable lugs Art. 207 G
1 fleximeter Art. 4141 DA 3
1 level Art. 4165 G
In sturdy bag with trolley incorporated.

359GE Each **776,48**

The compositions shown are only an indication.

SWITCH KEY UNIVERSAL WRENCHES**359GL****SCU**

Prod. SCU
In die-cast zinc. Provided with tool holding chain. Multi-purpose enclosure key wrench designed for use in electric, gas, hydraulic applications, etc. In the building sector it is suited to install HACV systems, valves, etc.
With double insert with cut 1.0x7 mm and cross PH 2 and insert adaptor 1/4"

Model with:
1 5mm square socket
1 6mm square socket
1 7-8mm square socket
1 9mm triangular socket
1 3-5mm winged key drive.

Dimensions mm 44x44
359GL Each **15,50**



Product description as Art. 359GL

Model with:

- 1 5mm square socket
- 1 6mm square socket
- 1 7-8mm square socket
- 1 9mm triangular socket
- 1 3-5mm winged key drive.

Dimensions	mm	71x71
359GM	Each	16,20

Cheap version with standard finishing. Characteristics similar to Art. 359 GM.

359GME	Each	6,52
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SCU



359GM
359GME



In die-cast zinc. Provided with tool holding chain. Multi-purpose enclosure key wrench designed for use in electric, gas, hydraulic applications, etc. In the building sector it is suited to install HACV systems, valves, etc.

With double insert with cut 1.0x7 mm and cross PH 2 and insert adaptor 1/4"

Model with:

- 1 5mm square socket
- 1 6mm square socket
- 1 7-8mm square socket
- 1 9mm triangular socket
- 1 6-7-8-9mm 4 steps square joint.

Dimensions	mm	62x90
359GP	Each	17,80

SCU



359GP



In die-cast zinc. Body made of sturdy plastic with clips for attaching to the belt. Compact, light and multi-purpose. Enclosure key wrench designed for use in electric, gas, hydraulic applications, etc. In the building sector it is suited to install HACV systems, valves, etc.

Model with 2 rotary bushes with the following sockets:

- 2 hexagonal sockets for inserts with 1/4 " connection, with magnet
- 1 5mm square socket
- 1 6-7mm square socket
- 1 8-9mm square socket
- 1 5-6mm triangular socket
- 1 6-7mm triangular socket
- 1 8-9mm triangular socket
- 1 3-5mm socket with flap
- 1 male square drive for 1/4 " sockets.

Dimensions	mm	95x40
359GPE	Each	21,70

SCU

1/4"

1/4"

359GPE



In die-cast zinc. With chain and snap-hook. Sturdy and multi-purpose. Enclosure key wrench designed for use in electric, gas, hydraulic applications, etc. In the building sector it is suited to install HACV systems, valves, etc.

Model with 4 rotary bushes with the following sockets:

- 2 hexagonal sockets for inserts with 1/4 " connection, with magnet
- 1 5mm square socket
- 1 6mm square socket
- 1 7-8mm square socket
- 1 9-10mm square socket
- 1 7mm triangular socket
- 1 8-9mm triangular socket
- 1 10mm triangular socket
- 1 3-5mm socket with flap
- 1 half-round socket Ø 6mm.

Dimensions	mm	95x95
359GPL	Each	37,60

SCU



1/4"

359GPL





359GR

SCU



In synthetic resin reinforced by fiberglass. With clip. Multi-purpose enclosure key wrench designed for use in electric, gas, hydraulic applications, etc. In the building sector it is suited to install HVAC systems, valves, etc.

Complete with cross tip PH 2.

Model with:

2 hexagonal connections, one of them magnetic, for 1/4" bits

1x 5mm square socket

1x 6mm square socket

1x 7-8mm square socket

1x 7mm triangular socket

1x 3-5 winged key drive

Overall length mm 145

359GR Each **27,50**

359GRA

SCU



Product description as Art. 359GR

Model with:

2 hexagonal connections, one of them magnetic, for 1/4" bits

1x 5mm square socket

1x 8mm square socket

1x 9mm triangular socket

1 square conical connection 6-7-8-9mm.

Overall length mm 145

359GRA Each **27,50**

359GS

SCU



Led luminoso

Product description as Art. 359GR

Model with:

1 ultra bright front LED

1 magnetic hexagonal connection for 1/4" bits

1 x 6mm square socket

1x 7-8mm square socket

1x 7mm triangular socket

1x 3-5mm winged key drive

Provided with 3 x 1.5 V (LR41) button batteries.

Overall length mm 145

359GS Each **29,60**

359GSA

SCU



Led luminoso

Product description as Art. 359GR

Model with:

1 ultra bright front LED

1 magnetic hexagonal connection for 1/4" bits

1 x 8mm square socket

1x 9mm triangular socket

1 square conical connection from 6 to 9mm

Provided with 3 x 1,5 V (LR41) button batteries.

Overall length mm 145

359GSA Each **29,60**



Product description as Art. 359GR

Model with:

1 phase detector without contact, with light indicator (LED), voltage from 50 to 600V (frequency 50-60 Hz). For alternate current flow check in electric sockets, plugs, electric switches, lamps, cables, fuses EVEN VOLTAGE-FREE.

Operating temperature from 0° to 40°C.

1 magnetic hexagonal connection for 1/4"bits

1 x 6mm square socket

1 x 7-8mm square socket

1 x 9mm triangular socket

1 x 3-5mm winged key drive

Provided with 2 x 1.5 V button batteries (see Art. SCU 3600 A).

Overall length	mm	158
359GT	Each	32,10

Product running out of stock.



Product description as Art. 359GR

Model with:

1 phase detector without contact, with light indicator (LED), voltage from 50 to 600V (frequency 50-60 Hz). For alternate current flow check in electric sockets, plugs, electric switches, lamps, cables, fuses EVEN VOLTAGE-FREE.

Operating temperature from 0° to 40°C.

1 magnetic hexagonal connection for 1/4"bits

1 x 8mm square socket

1 x 9mm triangular socket

1 square conical connection 6-7-8-9mm

Provided with 2 x 1.5 V button batteries (see Art. SCU 3600 A).

Overall length	mm	158
359GTA	Each	32,10



FENCING PLIERS

Prod. SCU

In special steel. Hardened operating parts.

To be used as a hammer, nail puller, chisel, pliers, cutter.

Chrome-plated finish, plastic-coated handles.

Overall length	mm	265
360E	Each	44,10



BATTERY NUT PLIERS

Prod. SCU

In CHROME-VANADIUM steel.

Particularly suitable for battery nuts.

Chrome-plated finish.

Overall length	mm	200
362G	Each	31,50



ADJUSTABLE PLIERS

Orig. Carolus - Art. 2815/R2815

Automatic adjustment type which allows you to tighten quickly, safely, and simply, even using just one hand.

In special steel. Head is painted grey. Plastic-coated handles.

Overall length	mm	170	250	300
Max opening	mm	30	35	48
362GA	Each	27,10	36,20	37,60

Sizes mm 170 and 300 running out of stock.



Prod. SCU

In special steel.

Hardened openings.

Two-position adjustable. Chrome-plated finish, plastic-coated handles.

Overall length	mm	150	200	250
362GB	Each	21,80	22,50	26,60



**362GC** **Orig. Peddinghaus - Art. 6484240401**

Type with special, 16-positions ratchet, that allows quick and precise adjustment of the jaws (without buttons).

Sturdy construction, but also thin to work in confined areas. Wide opening of the jaws and great use comfort thanks to the handles in two-component material. Special steel. Chrome plated.

Overall length	mm	240
Max opening	mm	60
362GC	Each	51,90

362GE **Orig. Gedore - Art. 142 TL-DIN ISO 8976/C**

Special type for rapid and precise adjustment by pressure button for one-hand use. In CHROME-VANADIUM steel.

Fixed double hinge.

Enamelled black head. Plastic-coated handles.

Overall length	mm	180	250	300
Max opening	mm	37	38	44
Regulations	No.	17	15	17
362GE	Each	38,30	38,90	63,80

362GL **Orig. Gedore - Art. 142 JC-DIN ISO 8976/C**

Product description as Art. 362GE

Chrome-plated finish. Insulated handles in two-component material (size 300 mm with non-insulated handles).

Overall length	mm	250	300
Max opening	mm	38	44
Regulations	No.	15	17
362GL	Each	50,50	65,50

363GB **Orig. Gedore - Art. 143 JC-DIN ISO 8976/B**

In CHROME-VANADIUM steel.

With semicircular joint for rapid positioning. 5 adjustments. Chrome-plated finish. Insulated handles in two-component material.

Overall length	mm	250
Max opening	mm	32
363GB	Each	42,40

Spare pins for Art. 363 GB.

O363G	Each	2,68
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364G **Orig. Gedore - Art. 9144 - DIN ISO 8976/B**

In CHROME-VANADIUM forged steel.

Painted finish. Fixed double hinge.

Overall length	mm	175	240	300
Max opening	mm	26	33	45
Regulations	No.	6	7	7
364G	Each	26,10	27,70	55,30

365G **Orig. Gedore - Art. 146-10 C - DIN ISO 8976/C**

In CHROME-VANADIUM steel. With 7 settings.

Chrome-plated finish. Fixed double hinge.

Overall length	mm	250
Max opening	mm	40
365G	Each	59,10

365GA **Orig. Gedore - Art. 146 10 JC**

Product description as Art. 365G

Chrome finish. With double interlocking hinge. Insulated handles, in bi-component material.

Overall length	mm	250
Max opening	mm	40
365GA	Each	65,30

For type with VDE - EN 60900 safety insulation, see Art. 352 GZ.

365GE **Orig. Carolus - Art. 2010/R2810**

With optimal price/quality ratio.

In CHROME VANADIUM steel.

Red painted finish. Fixed double hinge.

Overall length	mm	170	240	300
Max opening	mm	25	33	42
Regulations	No.	6	7	7
365GE	Each	13,40	17,10	23,50



Prod. SCU

High quality type.
In CHROME-VANADIUM steel.
Red painted finish. Fixed double hinge.

Overall length	mm	170	250	300
Max opening	mm	30	36	48
Regulations	No.	6	7	7
366G	Each	20,70	23,70	36,40

SCU

366G



Orig. Gedore - Art. 145 C-DIN ISO 8976/A

In CHROME-VANADIUM steel.
Universal water pump pliers. Extra-slim head (only for 250mm).
Chrome-plated finish.

Overall length	mm	250	375	500
Max opening	mm	40	50	65
Regulations	No.	7	9	11
367G	Each	33,50	79,60	168,00

GEDORE

367G



Spare pins for Art. 367 G.

Overall length	mm	250	375	500
O367G	Each	2,98	4,78	7,26

Orig. Gedore - Art. 145 JC-DIN ISO 8976/A

In CHROME-VANADIUM steel.
Universal water pump pliers, 7 adjustments. Extra-slim head. Dual component insulated handles.
Chrome-plated finish.

Overall length	mm	250
Max opening	mm	40
367GM	Each	39,20

GEDORE

367GM



Spare pins for Art. 367 GM.

O367GP	Each	2,98
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Orig. Gedore - Art. 144 C-DIN ISO 8976A

In CHROME-VANADIUM steel.
Universal pliers with straight toothed openings for nuts, 7 adjustments.
Chrome-plated finish.

Overall length	mm	115	175
Max opening	mm	16	26
367GT	Each	29,10	30,60

GEDORE

367GT



Spare pins for Art. 367 GT.

Overall length	mm	115	175
O367GT	Each	5,22	5,86

Orig. Gedore - Art. 146 B

In CHROME-VANADIUM steel.
Rapid adjustment system with 5 positions. Brilliant chrome-plated finish.

Overall length	mm	250
Max opening	mm	50
367GV	Each	78,90

GEDORE

367GV



ADJUSTABLE ROLLER PLIERS

Prod. SCU

Special combined type pliers-pipe wrench. Roller adjustmetn assure safe and precise clamping.
In CHROME-VANADIUM steel.
Fixed double hinge. Chrome-plated finish.

Overall length	mm	260
Max opening	mm	50
368G	Each	46,20

SCU

368G



ADJUSTABLE WRENCH PLIERS

Orig. Gedore - Art. SB 183 10 JC

In special steel, hardened with a PLIER and WRENCH functions in a single tool. Able to replace wrenches sizes from mm 0 to 50 (inch 0 to 1.7 / 8). Smooth noses with PARALLEL OPENING with quick and precise adjustment. Also suitable for clamping, bending, compressing materials with delicate surfaces (eg chrome armor). Employable as an open RATCHET wrench. High clamping / unscrewing force with insulated handle in two-component material. Chromed execution.

Overall length	mm	254
Max opening	mm	50
368P	Each	75,40

GEDORE

368P
new





TAPS PLIERS

369A

SCU



Prod. SCU

In forged steel.
Hardened openings.
Special for washbasin tap nuts.

Overall length	mm	250
369A	Each	29,50

SHEARS FOR LEAD PIPES

369P

SCU



Prod. SCU

In forged steel.
Hardened steel blades.
Suited to cut lead tubes. Enamelled.

Overall length	mm	275
Max useful capacity Ø	inch	1
369P	Each	38,30

Spare blades for Art. 369 P.

O369P	Per pair	3,60
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DRAIN WRENCHES

370

SCU



Prod. SCU

In aluminium with double spring pin.
Suited to replace and install drains with side slots 1 and 1 1/4 inches, without damaging chrome finish.

370	Each	42,80
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370A

SCU



Adaptor for Art. 370. Suited to cross drain for shower trays and bath tubs.

370A	Each	30,20
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370B

SCU



Adaptor for Art. 370. Suited to three-holes overflow drains for bath tubs.

370B	Each	34,80
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370C

SCU



In hardened steel.

Provided with guide pin and side clips. Suited to replace and install bath tub drains with fastening screws.

370C	Each	52,40
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ADJUSTABLE TEMPLATES WITH LEVELS

370V

SCU



Prod. SCU

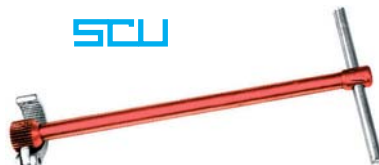
In die-cast aluminium, with steel pins. Suited to install sanitary equipment.
Gas connection inlet 1/2". Connection distance 120-140-150-160-180-200-220mm.
Length 240mm.

370V	Each	93,30
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ROUND NOSE WATER PUMP NUT WRENCH

371E

SCU



Prod. SCU

To fix and reinstall nuts and taps located in sinks, wash basins and bathtub.
Right and left operated for user convenience.
In alloy steel. Overall length 220mm. Opening 10mm to 32.

371E	Each	19,40
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Product description as Art. 371E

In special steel, with forged and burnished grip jaw.
Overall length 300mm. Opening 10mm to 32.
Chrome finish.

371GA Each **16,30**



Product description as Art. 371E

Completely built in forged steel, burnished grip jaw.
Overall length 250mm. Opening 15mm to 32.
Enamelled finish.

371GB Each **20,60**



Product description as Art. 371E

Telescopic model, grip jaw in forged steel, burnished.
Length 280mm to 460. Opening 10mm to 32.
Zinc finish.

371GF Each **35,90**



WRENCHES FOR WASHBASIN INSTALLATION

Orig. Sturem - Art. 531000

Model with sliding and adjustable stud-holder.
In CHROME-VANADIUM steel, forged.

Suitable to install washbasin brackets.

Hard-to-access positions are reached with a wrench thanks to the sliding stud-holder. Chrome finish.

Opening	mm	17x19
For inserts with thread	M.	10
Overall length	mm	215

371GS Each **25,70**

STUREM **371GS**



WRENCHES FOR WASHBASIN VALVES

Orig. Sturem - Art. 580600

In special steel. 1/2" Male square drive. Chrome finish.
Length 90mm.

371GT Each **40,50**

STUREM **371GT**



PLIERS FOR LEAD TUBES

Prod. SCU

Used for enlarging and flaring lead pipes.
In special steel, with spring and serrated jaws.
For conical openings.

Overall length	mm	240
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372 Each **34,10**

SCU **372**



COPPER TUBE PLIERS

Prod. SCU

For enlarging and flaring copper pipes.
Hardened, with spring and serrated jaws.
Min./Max diameter 12/28mm.

Overall length	mm	230
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372GE Each **36,40**

SCU **372GE**



PIPE CONNECTING PLIERS

Prod. SCU - Orig. EDMA

In special steel for shaping and flanging galvanized steel pipes and similars products for easy and perfect junction.

For sheet steel up to 1mm.

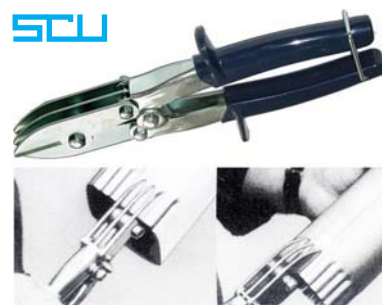
Plastic-coated handles with hand protector and lock.

Edge reduction length 30mm.

Overall length	mm	240
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372GT Each **51,60**

SCU **372GT**





SIPHON PLIERS

374G SCU



Prod. SCU

In CHROME-VANADIUM steel.

Plastic-coated handles, 4 adjustments.

With plastic gripping pads for aluminium rings and chrome-plated siphons.

Max opening	mm	70
Overall length	mm	230

374G	Each	47,70
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Spare gripping pads for Art. 374 G.

O374G	Per pair	5,60
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374GB SCU



In CHROME-VANADIUM steel.

Plastic-coated handles, 4 adjustments.

With toothed jaws.

Max opening	mm	80
Overall length	mm	230

374GB	Each	31,10
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PLIERS FOR CAR VALVES

377GA GEDORE



Orig. Gedore - Art. 128

For all kinds of car engines with head valves.

Particularly suitable to replace valve springs in car engines.

With 1 pair of straight jaws and 1 of curved ones.

Complete pliers.

Opening	mm	60-225
Overall length	mm	290

377GA	Each	120,00
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Straight jaws for Art. 377 GA.

O377GE	Per pair	21,60
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Product running out of stock.

Curved jaws for Art. 377 GA.

O377GF	Per pair	26,10
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Product running out of stock.

377GB GEDORE



For all kinds of car engines with head valves.

Particularly suitable to replace valve springs in car engines.

With 1 pair of straight jaws and 1 of curved ones.

Complete pliers.

Opening	mm	120-280
Overall length	mm	390

377GB	Each	206,00
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Straight jaws for Art. 377 GB.

O377GH	Per pair	21,80
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Product running out of stock.

Curved jaws for Art. 377 GB.

O377GL	Per pair	22,20
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Product running out of stock.

VALVE SEAL RING PLIERS

378G GEDORE



Orig. Gedore - Art. 124

With hardened, burnished jaws and chrome-plated handles.

For removing sealing rings and elastic supports.

For the following car types: VW - Audi - BMW - Opel - Ford - Nissan - Fiat etc.

Overall length	mm	250
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378G	Each	77,20
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SPARK PLUG PLIERS

378GM SCU



Prod. SCU

In special steel.

Suitable for spark testing without removing spark plug.

Chrome-plated finish. Insulated, in two-component material handles.

With cutter.

Overall length	mm	200
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378GM	Each	30,50
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In special steel.
Suitable for the extraction of candle CAPS. Type with deep jaws, rough and inclined at 45°.
Chrome plated. Dual component handles.
With cutter.

Overall length	mm	200
378GP	Each	46,90



PLIERS FOR BRAKE SPRINGS

Orig. Gedore - Art. 135

In CHROME-VANADIUM steel.
Particularly suitable for brakes with stuck linings.

Overall length	mm	330	480
379G	Each	70,90	108,00



Product description as Art. 379G

Heavy type with interchangeable elastic hook.

Overall length	mm	500
380G	Each	161,00

Spare hook for Art. 380 G.

O380G	Each	18,20
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WHEEL BALANCE WEIGHT PLIERS

Orig. Gedore - Art. 8276C

In CHROME-VANADIUM steel. For removing, cutting and fixing balancing leads in car rims. They may be used for different purposes since they are equipped with small hammer, screwdriver and punch at handle ends, and hook for fixing springs. Chrome-plated finish.

Overall length	mm	250
381G	Each	95,20



Prod. SCU

Product description as Art. 381G

Overall length	mm	240
381N	Each	19,60



PISTON RING PLIERS

Orig. Gedore - Art. 127

In special steel, prismatic hardened support.
Nickel-plated finish. To fit and remove piston segments. Spring opening.

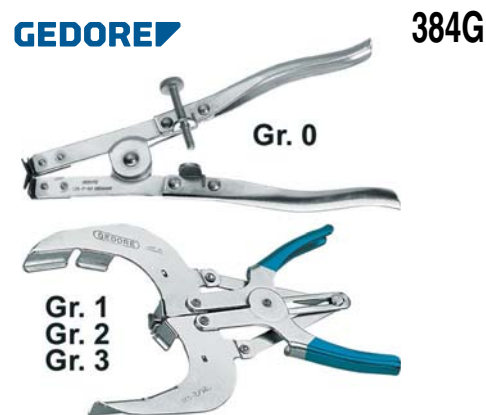
Overall length	mm	220
For segments by	mm	60 to 160
383G	Each	67,10



Orig. Gedore - Art. 126

In printed sheet steel. Nickel-plated finish. For installing and removing piston rings. Blue plastic-coated handles.(except for Gr. 0).

Size N		0	1	2	3
For segments by	mm	30 to 60	55 to 100	80 to 120	110 to 160
Overall length	mm	210	200	240	240
384G	Each	46,90	46,90	50,60	64,10





PLIERS FOR PISTON RINGS

385G

SCU



Prod. SCU

In sturdy sheet steel with handles coated in soft material, and a head composed of special, burnished alloys.
Universal piston rings which are suitable for applying strips of varying widths. For both vertical and horizontal use.

With ratchet device and automatic stop for precise adjustment.

Overall length	mm	265
385G	Each	84,40

Pliers without bands.

385GS

SCU



Strip segments made from hardened steel.

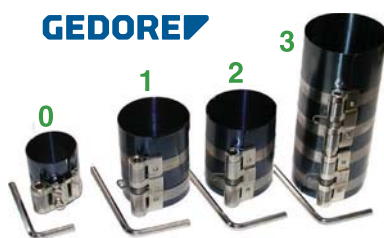
Suitable for pliers Art. 385 G.

For piston Ø by	mm	73 - 79	79 - 85	85 - 92	92 - 98	98 - 104	104 - 111	111 - 117
385GS	Each	32,60	32,60	32,60	32,60	32,60	32,60	34,60

PISTON RING COMPRESSORS

386G

GEDORE



Orig. Gedore - Art. 125

With tension wrench. For piston rings.

Friction-type.

Size N		0	1	2	3
For segments by Ø	mm	40 to 75	57 to 125	90 to 175	90 to 175
Overall height	mm	50	80	80	165
386G	Each	29,50	47,50	56,30	106,00

BRAKE AND ENGINE CYLINDERS HONES

387

SCU



Prod. SCU

Sphere pigs with flexible abrasives for removing impurities, allowing the piston to slide easily, and for creating a surface on the cylinder walls used for retaining fluid and lubricating oil. For use with electric drills which include manual rotation L+R.

Grain size 180.

Grinder Ø	mm	89	95	105
For cylinders Ø	mm	76-89	89-95	95-105
Drive Ø	mm	8	8	8
For cylinders		Motors	Motors	Motors
387	Each	165,00	180,00	190,00

387L

SCU



To be used with portable and pillar drills (speed 1500 - 2500 r.p.m.).

In steel with sturdy spring adjusting the pressure of the 3 abrasive skids (grit 220).

Size		80	90	160	260
For cylinders Ø	mm	20 to 80	30 to 90	50 to 160	60 to 260
Slides length	mm	35	80	100	127
For cylinders		Brakes	Bike motor	Auto motor	Truck motor
387L	Each	68,20	122,00	137,00	162,00

To cool the abrasive runners it is advisable to use non-oily emulsion grinding.

Set of 3 spare abrasive skids for Art. 387 L.

Size		80	90	160	260
O387L	Series	16,20	30,50	32,30	37,70

CLUTCH CENTERING TOOLS

387P

SCU



Prod. SCU

Steel fastening screw. Body made of special synthetic material.

Suitable to centre friction disks of all kind of cars and light trucks.

Provided with 3 clamping pliers Ø 14.5mm to 18 - 18mm to 21 - 21mm to 25.

Complete

387P	Each	51,80
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Spare pliers for Art. 387 P.

Size		1	2	3
Ø	mm	14,5 to 18	18 to 21	21 to 25
O387P	Each	1,24	1,24	1,24



OIL FILTER WRENCHES

Prod. SCU

Socket-type wrench suitable to pull out oil filters.
Hexagonal drive.

Model with internal bihexagonal profile.

Int profile Ø	mm	74	92	105
Hexagonal drive	mm	24	24	24
Overall height	mm	43	50	55
Polygon sides	No.	8	10	15
390L	Each	23,50	27,10	32,10

SCU

390L



2

Socket-type wrench suitable to pull out oil and diesel oil filters.
Hexagonal drive.

Model with internal bihexagonal profile.

Int profile Ø	mm	74
Hexagonal drive	mm	24
Overall height	mm	68
Polygon sides	No.	14
390M	Each	17,50

SCU

390M



Socket-type wrench suitable to pull out oil filters.
Hexagonal drive.

Model with multi-grooved profile for PURFLUX filters.

Int profile Ø	mm	66	76	86	96
Internal notches	No.	6	12	18	9
Hexagonal drive	mm	24	24	24	24
Overall height	mm	37	39	42	42
390P	Each	13,00	14,20	15,40	17,50

SCU

390P



The measure 96 is also suitable for filters with 18 notches.

Professional type with steel strap and adjusting rotary dial.

Art.		391L	391P
Useful capacity Ø	mm	60 to 110	110 to 150
Each		25,80	29,10

Spare belts for Art. 391 L.

ON391L	Each	5,48
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Spare belts for Art. 391 P.

ON391P	Each	6,22
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SCU

391L
391P



Patented type with rapid adjustment by means of handle pawls and marks.
Nickel-plated finish.

Steel strap type.

Art.		392	392A	392B
Useful capacity Ø	mm	45 to 80	70 to 110	110 to 145
Each		12,60	12,60	16,20

SCU

392
392A
392B



Product description as Art. 392

Steel chain type.

Art.		392C	392D	392E
Useful capacity Ø	mm	70 to 110	110 to 145	45 to 140
Each		16,20	18,10	39,50

SCU

392C
392D
392E



RING WRENCHES FOR OIL FILTERS

Orig. Gedore - Art. 37

With lever.

Sturdy adjusting steel ring with clamping lever.
Tooth coupling system.

Useful capacity Ø	mm	80 to 110
394G	Each	55,90

GEDORE

394G





395G

GEDORE

1/2"

**Orig. Gedore - Art. 37 V**

Wrench operated.

Sturdy steel ring with square head adjustment. Drive 1/2".

Tooth coupling system.

Useful capacity Ø	mm	80 to 110
395G	Each	54,70

STRAP WRENCHES FOR OIL FILTERS

396GA

GEDORE**Orig. Gedore - Art. 36**

Chrome finish. Sturdy rubberized fabric, stress-resistant.

Suited for oil filters removal and installation.

In special steel

Max capacity Ø	mm	140
Belt width	mm	25
396GA	Each	41,10

Spare tapes for Art. 396 GA.

O396GA	Each	19,10
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396GB

GEDORE

Product description as Art. 396GA

In CHROME VANADIUM steel.

Max capacity Ø	mm	200
Belt width	mm	25
396GB	Each	75,40

Spare tapes for Art. 396 GB.

O396GB	Each	28,10
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396GR

carolus
by GEDORE**Orig. Carolus - Art. 0450.00/R19351019**

In special steel. Chrome finish, antislip strap.

Max capacity Ø	mm	140
Belt width	mm	15
396GR	Each	31,40

396L
*new***GEDORE****Orig. Gedore red - Art. R19351031**

CHROME-VANADIUM steel. Chromed execution, reinforced tape, non-slip.

Max capacity Ø	mm	200
Belt width	mm	15
396L	Each	27,40

CHAIN WRENCHES FOR OIL FILTERS

396T

SCU

1/2"

**Prod. SCU**

Half inch square driver for use with ratchets and torque wrenches with controlled tightening.

Adjustable chain. Suitable for installing and uninstalling oil filters and irregularly shaped bodies.

Useful capacity Ø	mm	16 to 127
396T	Each	85,60

397

SCU

Articulated lever, nickel plated finish. Adjustable chain. For oil filters removal and installation.

Max tightening Ø	mm	125
397	Each	21,60



Articulated and 90° folding lever, telescopic grip, max length 250mm, nickel plated. Adjusting chain. Suited for oil filters removal and installation.

Useful capacity Ø	mm	45 to 145
397B	Each	86,10

SCU



397B

2

WRENCHES FOR OIL FILTERS

Prod. SCU

In steel.

Operated with 3/8" - 1/2" ratchet levers.

Suitable to pull out filters in hard-to-access positions.

For filters Ø	mm	65 to 110
Grip depth	mm	45
Overall height	mm	85

397C	Each	22,10
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SCU

3/8"

1/2"

397C



Orig. Gedore - Art. 1.76/1

Professional, very sturdy model in special steel.

Operated by fixed and sliding bars, bent bars and 1/2" ratchets.

Suitable to pull out large filters, granulate cartridges in compressed air truck driers, even in places hard to reach.

Zinc -plated finish.

For filters Ø	mm	95 to 165
Grip depth	mm	55
Overall height	mm	80

397E	Each	88,80
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GEDORE

1/2"

397E



PULLEY STRAP WRENCHES

Orig. Gedore - Art. 36 Z-140

In special steel. Chrome finish, reinforced rubber strap to lock pulleys and V-belts.

Suited for alternator, water pump, compressor engine, washing machine, machine tool, etc. pulleys.

Also suited to rotate camshafts and to remove oil and diesel oil filters.

Max capacity Ø	mm	160
397G	Each	92,10

GEDORE

397G



EXPANDERS FOR DRAIN PIPES

Prod. SCU

Aluminium body. Suitable sized spanner with hole.

Size		2
Capacity Ø by	mm	38 to 63
Overall length	mm	164
Useful length	mm	64
Hexagon opening	mm	17

400	Each	76,10
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SCU



400

CHAIN CUTTER AND RIVETING TOOL IN KIT

Prod. SCU

Indicated for the disassembly / assembly of chains, equipped with 2 Ø 4 mm pins of different length.

All hardened steel components and soft rubber handle.

401	Each	191,00
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SCU



401
new

2
402

SCU



Suitable for the disassembly/assembly of chains of different sizes, as it is equipped with 3 pins of different diameter from 3.5 to 5-6 mm.
All components made of hardened steel.
In robust plastic case.

402	Each	291,00
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"MICRO-GRIP" PLIERS

410G

SCU

**Prod. SCU**

Of small dimensions, handy, safe clamping of small objects - Body in light alloy with release lever. Brass lower jaw, screw adjusting, 90° fixed upper jaw. Also for one hand use. Weight 120gr.

Overall length	mm	92
Opening	mm	12
410G	Each	25,60

Set of 4 copper tips + tightener nut on the upper jaw to transform the pliers into earth clamp, max capacity up to A 50. For Art. 410G.

O410G	Each	18,10
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AXIAL "GRIP" PLIERS

416GA

SCU

**Prod. SCU**

Axial closing type. Special steel jaws, nickel-plated steel body.
Adjustable opening jaws. Immediate clamping and release.
Suitable for clamping in confined areas.

Particularly suitable for coachworks, carpentry works and clamping in confined areas.
With 1 fixed jaw and 1 movable jaw.

With straight jaws.

Overall length	mm	195
Opening	mm	18
Jaws width	mm	18
Jaws depth	mm	13
416GA	Each	41,20

416GB

SCU



Product description as Art. 416GA

With curved, straight jaw.

Overall length	mm	210
Max opening	mm	15
Jaws width	mm	18
Jaws depth	mm	7
416GB	Each	45,30

416GC

SCU



Product description as Art. 416GA

With flat, large jaws

Overall length	mm	195
Max opening	mm	15
Jaws width	mm	57
Jaws depth	mm	36
416GC	Each	57,70

416GD

SCU



Product description as Art. 416GA

With large jaws with square to 90°.

Overall length	mm	200
Max opening	mm	10
Jaws width	mm	50
Jaws depth	mm	15
416GD	Each	63,10



Product description as Art. 416GA

With curved, large jaws.

Overall length	mm	220
Max opening	mm	15
Jaws width	mm	45
Jaws depth	mm	9

416GE	Each	49,70
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SCU

416GE



Product description as Art. 416GA

With double-curved, large jaws.

Overall length	mm	235
Max opening	mm	15
Jaws width	mm	45
Jaws depth	mm	25

416GF	Each	51,40
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SCU

416GF



LONG NOSE GRIP PLIERS

Prod. SCU

With forged steel jaws.

Adjustable opening jaws. Immediate clamping and release.

Suitable for clamping in confined areas.

Overall length	mm	165
Jaws length	mm	60
Max opening	mm	45

417G	Each	23,10
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SCU

417G



Product description as Art. 417G

Overall length	mm	235
Jaws length	mm	80
Max opening	mm	80

418G	Each	31,20
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SCU

418G



Product description as Art. 417G

Overall length	mm	300
Jaws length	mm	145
Max opening	mm	70

418GE	Each	36,30
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SCU

418GE



With forged steel jaws.

Pistol grip handle for a more comfortable and strong grip. Adjustable jaw opening. Immediate clamping and release.

Suitable for clamping in confined areas.

Overall length	mm	180
Jaws length	mm	65
Max opening	mm	40

418GP	Each	42,30
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SCU

418GP



"GRIP" PLIERS

Prod. SCU

With concave steel jaws.

Adjustable opening jaws. Immediate clamping and release.

Overall length	mm	135	190	235	300
Max opening	mm	27	35	48	65

420GS	Each	18,90	22,70	24,50	35,10
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SCU

420GS



Orig. Gedore - Art. 137

With forged heat-treated jaws, in CHROME-VANADIUM.

It can be used as pliers, nut and pipe wrench and as clamp.

Adjustable jaw opening.

Immediate clamping and release, also with just one had.

Nickel-plated finish. Patented jaws.

Size		175	250	280	300
Overall length	mm	185	230	260	300
Max opening	mm	25	32	45	45

422G	Each	28,90	35,10	51,30	72,60
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GEDORE

422G





AUTOMATIC "GRIP" PLIERS

422GE



Orig. Peddinghaus

Type with automatic adjustment of jaws depending on the thickness of the material. Immediate release, by means a coated lever. With concave, steel jaws.

Overall length	mm	160	250
Max opening	mm	25	35
Supplier code		9306061001	9306101001
422GE	Each	42,40	50,80

"GRIP PARALLEL" PLIERS

422GP



Orig. Gedore - Art. 137 P

In alloy steel. Parallel opening and closing of the serrated jaws. Adjustable opening. Immediate clamping and release. Nickel-plated finish.

Overall length	mm	250
Max opening	mm	50
422GP	Each	81,70

SPECIAL "GRIP" PLIERS

422GS



Orig. Gedore - Art. 139

With forged jaws. In CHROME-VANADIUM steel. Adjustable jaw opening. Immediate clamping and release. Mobile lower jaw for fitting flat surfaces, round or irregular bodies. Nickel-plated finish.

Overall length	mm	250
Max opening	mm	45
422GS	Each	58,40

423GE



Prod. SCU

Forged steel jaws. With mobile end noses. Adjustable opening jaws. Immediate clamping and release. Max clamping depth.

Overall length	mm	235	300
Max opening	mm	45	100
423GE	Each	34,40	38,20

"EXTRA CAPACITY GRIP" PLIERS

423GL



Prod. SCU

With forged steel jaws. Large opening. Adjustable opening jaws. Immediate clamping and release.

Overall length	mm	280
Max opening	mm	100
423GL	Each	43,60

423GP



With CHROME-VANADIUM steel forged jaws. Double adjusting long jaws which allow large openings (4 positions). Locking and unlocking lever with instant coating for use with one single hand. Chrome finish.

Overall length	mm	250
Max opening	mm	100
423GP	Each	77,50

CHAIN "GRIP" PLIERS

423GS



Prod. SCU

Sheet steel body and steel chain. For clamping irregular bodies and pipes.

Length without chain	mm	250
Chain length	mm	480
Max tightening capacity	mm	25 to 160
423GS	Each	49,70

Spare chain for Art. 423 GS.

0423GS	Each	24,10
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"GRIP" PLIERS

Prod. SCU

Forged steel jaws. Especially designed for welding.
 Adjustable opening jaws. Immediate clamping and release.
 The particular shape of the jaws allows to approach and lock the pieces to weld.
 Short, light and handy.

Overall length	mm	200
Max opening	mm	60
423GV	Each	30,70

SCU

423GV



Orig. Gedore - Art. 138

With forged jaws in alloy steel. Especially designed for welding.
 Adjustable opening jaws. Immediate clamping and release.
 The particular shape of the jaws allows to approach and lock the pieces to be weld.
 Nickel-plated finish.

Overall length	mm	280
Max opening	mm	90
424G	Each	49,70

GEDORE

424G



Prod. SCU

With ALUMINIUM jaws. Especially designed for welding.
 Adjustable opening jaws. Immediate clamping and release.
 The particular shape of the jaws allows to approach and lock the pieces to be weld.
 Nickel-plated finish.

Overall length	mm	280
Max opening	mm	90
424GF	Each	55,80

SCU

424GF



Orig. Gedore - Art. 138 X

With forged jaws in alloy steel.
 Especially designed for welding pipes and round parts. Adjustable opening jaws. Immediate clamping and release. The large jaws opening allows to grip pipes from 3/8 up to 3.1/2 inches (Ø mm. 10 to 90). Nickel-plated finish.

Overall length	mm	280
Max opening	mm	90
426G	Each	51,10

GEDORE

426G



Orig. Gedore - Art. 138 Y

With forged heat-treated jaws.
 In CHROME-VANADIUM steel.
 Adjustable opening jaws. Immediate clamping and release.
 Its wide and sturdy jaws assure clamping and locking of raised edges or hollow components.
 Nickel-plated finish.

Overall length	mm	280
Max opening	mm	95
Max depth	mm	75
428G	Each	51,30

GEDORE

428G



Prod. SCU

With aluminium jaws, wide opening.
 Adjustable opening jaws. Immediate clamping and release.
 Its wide and sturdy jaws assure clamping and locking of raised edges or hollow components.
 Nickel-plated finish.

Overall length	mm	280	350
Max opening	mm	100	180
Max depth	mm	75	130
428GF	Each	48,20	68,60

SCU

428GF





C-CLAMP "GRIP" PLIERS

429G



Orig. Gedore - Art. 138 Z

Clamping noses in CHROME-VANADIUM steel.
Adjustable opening jaws. Immediate clamping and release.
Lengthened jaws for clamping particularly wide components.
Nickel-plated finish.

Overall length	mm	460	600
Max opening	mm	280	400
Max depth	mm	250	400
429G	Each	110,00	117,00

SPECIAL C-CLAMP "GRIP" PLIERS

429GE



Prod. SCU

Special steel jaws. With mobile end noses.
Adjustable opening jaws. Immediate clamping and release.
Suitable for clamping particularly wide and irregular-shaped parts.

Overall length	mm	300	460	630
Max opening	mm	80	230	370
Max depth	mm	70	240	400
429GE	Each	44,40	64,40	74,80

SPECIAL "GRIP" PLIERS

429GH



Prod. SCU

Special steel jaws. With mobile end noses.
Adjustable opening jaws. Immediate clamping and release.
Suitable for clamping particularly wide and irregular-shaped parts.

Max vertical opening	mm	150	230	300
Min vertical opening	mm	80	150	230
429GH	Each	51,80	63,80	65,70

VICE "GRIP" PLIERS

429GM



Orig. Gedore - Art. 137 MSP

In CHROME-VANADIUM steel.
Adjustable opening jaws. Immediate clamping and release.
For rapidly locking irregular-shaped parts to be worked on flat surfaces.
They can be used on tool machines with grooved tables.
For stay bolts with threaded fixing pin M8 - M10 - M12.

Overall length	mm	280
Max opening	mm	100
429GM	Each	98,70

LARGE JAW "GRIP" PLIERS

429GP



Orig. Gedore - Art. 136 BM

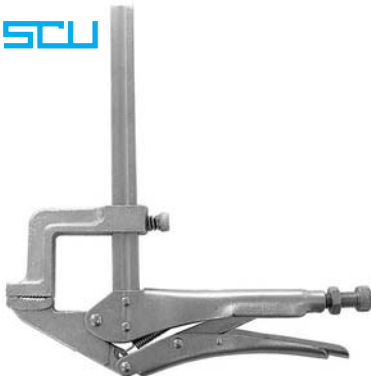
Alloy steel jaws.
Adjustable opening jaws. Immediate clamping and release.
Suitable for clamping angular and flat bodies.

Overall length	mm	200
Jaws width	mm	80
Max opening	mm	30
429GP	Each	59,10

CLAMP "GRIP" PLIERS

429GR

new



Prod. SCU

Steel jaws.
Very wide opening. Scrolling of the upper jaw with locking at the desired point. Nickel-plated execution.

Overall length	mm	250
Max opening	mm	170
Depth	mm	80
429GR	Each	151,00



WRENCH "GRIP" PLIERS

Orig. Gedore

Jaws made of alloy steel. Immediate locking and release.
Type with strong hold and gripping system that prevents the unintentional opening of the jaws. For places that are hard to access, also for worn nuts that are hard to unscrew. Particularly suitable for brake lines, tie rods, etc.

Max opening	mm	10	12	13	14	15	16	17
Overall length	mm	190	195	195	198	198	250	250
Supplier code		137 7-10	137 7-12	137 7-13	137 7-14	137 7-15	137 10-16	137 10-17
429GVE	Each	72,90	76,50	76,50	78,30	78,30	89,80	89,80
Max opening	mm	18	19	20	21	22	24	27
Overall length	mm	255	255	258	258	260	253	258
Supplier code		137 10-18	137 10-19	137 10-20	137 10-21	137 10-22	137 10-24	137 10-27
429GVE	Each	92,80	92,80	97,90	97,90	98,80	105,00	105,00

GEDORE

429GVE



2

HOLDERS FOR "GRIP" PLIERS

Prod. SCU

In sturdy sheet steel. Bench-locked with screw clamp max 55mm. Multi-purpose Grip pliers, bench use. Possible parallel fixing in case of long components. Weight Kg 0,270.

For all GRIP pliers included in the SCU-GEDORE program (except for Art. 417 G - 420 GSx135 - 422 Gx175).

429GZ	Each	14,20
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SCU

429GZ



PUNCHING PLIERS

Prod. SCU

Body in die-cast aluminium. For punching metal sheets of any shape with minimum effort (stainless steel sheets excluded). Interchangeable, re-sharpable punch
Overall length 220mm. Max. opening 20mm. Return spring. Pliers complete with 1 set of punch and die.

For bores Ø	mm	5	6	8
For sheets max. thickn.	mm	1,2	1,2	0,8
430E	Each	67,50	67,50	82,50

Spare punch and die sets for Art. 430 E.

For bores Ø	mm	5	6	8
O430E	Per pair	24,40	24,40	28,20

SCU

430E



Prod. SCU - Orig. Tama

Body in solid steel C60. For punching metal sheets, plastic, leather, cardboard, etc. with minimum effort.

With spacer for punching adjustment. Double-fulcrum lever. High-resistance steel punches.

The smallest punching machines. Front head.

With punch Ø 5mm.

Overall length	mm	220
Max span	mm	20
For sheets max. thickn.	mm	1
For bores by	mm	2 to 5
430G 1	Each	81,10

For spare punches and dies see Art. 432 G.

SCU

430G 1



Product description as Art. 430G 1

Reinforced type. Front head.

With punch Ø 5mm.

Overall length	mm	260
Max span	mm	30
For sheets max. thickn.	mm	1,5
For bores by	mm	2 to 5
430G 2	Each	81,10

For spare punches and dies see Art. 432 G.

SCU

430G 2



Product description as Art. 430G 1

With return spring, head suitable for punching angular bodies.

With spacer.

With punch Ø 6mm.

Overall length	mm	300
Max span	mm	40
For sheets max. thickn.	mm	1,25
For bores by	mm	4 to 6
430G 4	Each	122,00

For spare punches and dies see Art. 432 GM.

SCU

430G 4





430G 5 **SCU**



Product description as Art. 430G 1

Pliers type.
With puncher Ø 8mm.

Overall length	mm	315
Max span	mm	40
For sheets max. thickn.	mm	1,75
For bores by	mm	2 to 8
430G 5	Each	122,00

For spare punches and dies see Art. 432 GS.

430G 8 **SCU**



Product description as Art. 430G 1

Pliers type.
Reinforced details.
High-resistance steel punches. Weight 4,5Kg.
With punch Ø 10mm.

Overall length	mm	520
Max span	mm	40
For sheets max. thickn.	mm	1,5
For bores by	mm	3 to 10
430G 8	Each	523,00

For spare punches and dies see Art. 432 GV.

RATCHET PUNCHING PLIERS

430GA **BAUDAT**



Orig. Baudat - Art. 80-802. (Mod. LZ 2000)

Special type with ratchet movement for powerful punching action (20KN).
Limited load, die and punch integrated in one single interchangeable support for rapid adjustment.
Special steel head and plastic ergonomic handles with hand protector.
Weight 1,3Kg.

Without die/punch support.

Overall length	mm	280
Max span	mm	50
For sheets max. thickn.	mm	2
For round bores by	mm	4 to 13
For rectangular bores by	mm	5x10 to 7x13
430GA	Each	582,00

430GB **BAUDAT**



Orig. Baudat

DIES SUPPORTS COMPLETE WITH ROUND PUNCHES FOR ART. 430 GA.

Die support with punch.

Ø	mm	4,2	5	6	7	9	10,5	11	13
430GB	Each	160,00	160,00	160,00	160,00	160,00	160,00	160,00	160,00

430GE **BAUDAT**



DIES SUPPORTS COMPLETE WITH RECTANGULAR PUNCHES FOR ART. 430 GA.

Die support with punch.

Dimensions	mm	5x10	5x13	6x13	7x13
430GE	Each	596,00	596,00	596,00	596,00

PUNCHING AND SHEET FOLDING PLIERS

431E **SCU**



Prod. SCU

Body in die-cast aluminium. Hardened forming jaws.
The welding of two metal sheets results in perfectly parallel surfaces. For metal sheets max thickness 1mm.

FOLDING PLIERS

Pliers type with return spring.

Overall length	mm	220
Jaws width	mm	10
431E	Each	69,40

431G **SCU**



Prod. SCU - Orig. Tama

Steel body. Hardened forming jaws. Plastic-coated handles.
The welding of two metal sheets results in perfectly parallel surfaces. For metal sheets max thickness 1mm.

FOLDING PLIERS

Pliers type with double fulcrum and return spring.

Overall length	mm	300
Jaws width	mm	22
431G	Each	81,10



Product description as Art. 431G
PUNCHING AND FOLDING PLIERS

Pliers type with return spring.

Revolving head for better positioning while working. With punch Ø 6mm.

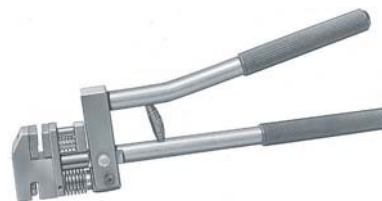
Overall length	mm	290
Profiling depth	mm	20
Jaws width	mm	22
Punch max span	mm	7
To punch Ø	mm	4-5-6-7

431G 5 Each **122,00**

For spare punches and dies see Art. 432 GT.

SCU

431G 5



2

Prod. Pneutec - Art. UT 8360

Aluminium body. Hardened steel head. The welding of two metal sheets results in perfectly parallel surfaces. For metal sheets max thickness 1,4mm.

Air compressed type, combined for punching metal sheets to be welded by MIG/TIG system. With punch Ø 8mm.

Overall length	mm	240
Air consumption	l/sec	0,5
Noise level	dB	73
Air drive	inch	1/4
To punch Ø	mm	8
Use pressure	Atm	6-7
Weight	Kg	1,3

431G 8 Each **246,00**

Spare punch and die Ø 8mm available on request.

PNEUTEC
 DRUCKLUFTWERKZEUGE

431G 8



SPARE PARTS FOR PUNCHING MACHINES

Prod. SCU - Orig. Tama

Couples of punches/dies in high-resistance hardened steel. Suitable for indicated punchers.

For punching machines Art. 430 G - 430 G1 - 430 G2.

For bores Ø	mm	2	2,5	3	3,5	4	4,5	5
432G	Per pair	56,40	56,40	56,40	56,40	56,40	56,40	56,40

Body Ø 7mm

SCU

432G



Product description as Art. 432G

For punching machines Art. 430 G4.

For bores Ø	mm	4	5	6
432GM	Per pair	66,90	66,90	66,90

Body Ø 10mm

SCU

432GM



Product description as Art. 432G

For punching machines Art. 430 G5.

For bores Ø	mm	2	2,5	3	3,5	4	4,5	5
432GS	Per pair	56,40	56,40	56,40	56,40	56,40	56,40	56,40

For bores Ø	mm	5,5	6	6,5	7	7,5	8
432GS	Per pair	56,40	56,40	56,40	56,40	56,40	56,40

Body Ø 10mm

SCU

432GS



Product description as Art. 432G

For punching machines Art. 431 G5.

For bores Ø	mm	4	5	6	7
432GT	Per pair	66,90	66,90	66,90	66,90

Body Ø 10mm

SCU

432GT



Product description as Art. 432G

For punching machines Art. 430 G8.

For bores Ø	mm	3	3,5	4	4,5	5	5,5	6	6,5
432GV	Per pair	131,00	131,00	131,00	131,00	131,00	131,00	131,00	131,00

For bores Ø	mm	7	7,5	8	8,5	9	9,5	10
432GV	Per pair	131,00	131,00	131,00	131,00	131,00	131,00	131,00

Body Ø 14mm

SCU

432GV



FOLDING PLIERS FOR TINSMITH

Prod. SCU

In forged, hardened steel.

Suitable for bending metal sheets. Burnished finish. Plastic-coated handles.

Straight noses

Overall length	mm	275
Noses max. width	mm	52

436G Each **45,70**

SCU

436G





437G

SCU



Product description as Art. 436G

Noses bent to 45°.

Overall length	mm	275
Noses max. width	mm	52
437G	Each	51,10

438G

SCU



In forged, hardened steel.

Suitable for bending metal sheets. Lacquered finish.

Noses bent to 90°.

Overall length	mm	250
Noses max. width	mm	60
438G	Each	51,20

PUNCH PLIERS

449

SCU



Prod. SCU

In sturdy sheet steel.

With 8 punch drum measuring mm 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 5. Enamel finish. With spring.

Overall length	mm	210
449	Each	18,40

Spare punches are available on request.

450

SCU



Sturdy sheet steel type.

With 6 punch hammer from 2 to 4,5mm. Nickel-plated finish. With spring, locking device and display for measure reading.

Overall length	mm	210
450	Each	18,70

Forged hammer type available on request

450E

SCU



Sturdy sheet steel type.

With 6 punch hammer from 2 to 4,5mm. Polished finish. With spring, locking device and small display window.

Overall length	mm	210
450E	Each	17,30

Spare punches for Art. 450 – 450E – 460 G.

Ø	mm	2	2,5	3	3,5	4	4,5	5
O450	Each	1,10	1,10	1,10	1,10	1,10	1,10	1,10

452

SCU



In forged steel. With no. 6 interchangeable punches from 2 to 5mm.

Polished finish.

Overall length	mm	210
452	Each	34,50

Spare punches for Art. 452.

Ø	mm	2	2,5	3	3,5	4	4,5	5
O452	Each	2,44	2,44	2,44	2,44	2,44	2,44	2,44

454G

SCU



Double-lever industrial type.

For non-stop working with little effort. In sturdy sheet steel.

With 6 punch hammer from 2-2,5-3-3,5-4-4,5mm.

Nickel-plated finish and synthetic material ergonomic handles.

With spring and small display window.

Overall length	mm	250
454G	Each	42,60

Set of 6 punches for Art. 454 G.

O454GF	Series	5,78
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EYELET PLIERS

455GA

SCU



Prod. SCU

Type for large eyelets with high pressure capability. Very strong model with optimum strength transmission ratio without tiring your hand. Parallel closing of the jaws with interchangeable punches and dies. In strong steel sheets. Ideal for tents, awnings, sails, woven fabrics, blankets, etc.

Supplied without punches, dies and eyelets.

For sheet eye-lets int Ø	mm	6,5-8,5-10-12,5
Pliers length	mm	300
455GA	Each	91,10



Product description as Art. 455GA

Couples of hardened steel punches and dies for use with pliers Art. 455 GA.

For sheet eye-lets int Ø	mm	6,5	8,5	10	12,5
455GB	Per pair	6,28	6,46	18,80	21,50

SCU

455GB



2

Product description as Art. 455GA

Nickel-plated brass eyelets for use with pliers Art. 455 GA.

Packages containing quantity indicated below.

Int Ø eyelets	mm	6,5	8,5	10	12,5
No. of eyelets for package	Pcs.	75	50	25	15
455GD	Pack	11,10	11,10	11,10	11,10

SCU

455GD



Large eyelets type, great pressure capacity (approx. 1 Ton). Patented model, double lever to reduce the stress of use. Jaw parallel closing and screw clamping system for interchangeable punches and dies. Hardened steel head and sturdy steel handle. Suitable for particularly thick and sturdy canvas, covers, sails, etc.

Provided without punches, dies and eyelets.

For sheet eye-lets int Ø	mm	14-16-18-20
Pliers length	mm	500
455GE	Each	163,00

SCU

455GE



Product description as Art. 455GE

Couples of hardened steel punches and dies to be used with pliers Art. 455 GE.

For sheet eye-lets int Ø	mm	14	16	18	20
455GF	Per pair	42,20	43,60	45,10	46,50

SCU

455GF



Product description as Art. 455GE

Brass eyelets to be used with pliers Art. 455 GE. Pack units: 10 eyelets each, not sold separately.

Int Ø eyelets	mm	14	16	18	20
455GL	Pack	10,30	10,90	11,90	14,50

SCU

455GL



Type equipped with 3 couples of interchangeable punches and dies, for eyelets ext. Ø 4,5-5,5mm. Nickel-plated finish.

With spring.

Overall length	mm	205
456G	Each	20,40

Eyelets see. Art. 0460 G. Forged type available on request.

Couples of spare punches and dies for Art. 456 G.

For eyeletss ext Ø	mm	4,5	5	5,5
O456G	Per pair	3,42	3,42	3,42

SCU

456G





2

460G

SCU



COMBINED PLIERS FOR EYELETS

Prod. SCU

Sturdy sheet steel. 3 punch hammer for pre-punching from 4-4.5-5mm and 3 punches to clamp eyelets ext. Ø 4.5-5-5.5mm. Nickel-plated finish and ergonomic handles made from synthetic material. With spring.

Overall length	mm	220
460G	Each	24,10

For spare punches see Art. 0450 4-4,5-5mm.

Spare punches for eyelets 4,5-5-5,5mm available on request.

Assortment of 100 eyelets for Art. 456 G and 460 G.

For eyelets ext Ø	mm	4,5	5	5,5
O460G	Pack	7,72	7,72	7,72

FENCING PLIERS

470A

carolus
by GEDORE



Orig. Carolus - Art. 9999.900/R99800000

Multi-purpose pliers made of stainless steel, open length 150 mm, closed length 90 mm, with various functions: tightening, cutting, screwing, drilling, filing, opening caps and baskets, etc. With belt pocket made from sturdy fabric.

470A	Each	35,10
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PLIERS FOR VARIOUS USES AND ASSORTMENT OF KNIVES

470G

PEDDINGHAUS



Orig. Peddinghaus - Art. 6202000000

Multi-purpose pliers made from stainless steel, open length 160 mm, closed length 100 mm, with various functions: tightening, cutting, stripping, screwing, drilling, filing, opening caps and baskets, and separate stainless steel knife, open length 165, closed length 100 mm. Complete set comes with belt pocket made from sturdy fabric.

470G	Each	43,90
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MULTIPURPOSE TOOLS

470L

SCU



1/4"



Prod. SCU

Multi-purpose tool made of special hardened steel, covered in sturdy plastic reinforced with fibre. Length 220 mm, width 105 mm, weight 450 g. Complete with nail drawer, hammer, plastic mallet, knife concealed in the handle, 7 bits att. Hex. 1/4 of which 6 contained in the handle and 1 mounted, reversible ratchet screwdriver, magnetic and separate bit-holder and 1 flexible extension for bit-holder, length 135 mm.

470L	Each	46,10
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Product running out of stock.

CONDUCTOR AND CONTROL PUNCHING PLIERS

471G

Hadie



Orig. Hadie

In forged steel. Finely worked and nickel-plated. Total length 120mm. Opening 30mm.

Type		A	B	C	D
471G	Each	92,10	120,00	145,00	154,00



Product description as Art. 471G
Total length 145mm. Opening 50mm.

Type		A	B	C	D
472G	Each	97,90	153,00	153,00	133,00



472G

2

LEAD SEAL PLIERS

Prod. SCU

In stamped sheet steel.
Nickel-plated finish.

Overall length	mm	160	180	200
Inserts Ø	mm	12	12	14
481	Each	41,90	41,90	51,90

SCU



481

Orig. Hadie

In forged steel.
Finely worked. Finely nickel-plated. With return spring.

Overall length	mm	110	130
Inserts Ø	mm	10	12
483G	Each	88,70	110,00

Hadie



483G

In forged steel.
Finely worked. Finely nickel-plated.
Plastic-coated handles with return spring.

Overall length	mm	130	150	170	190	220	260
Inserts Ø	mm	8	9	10	11	12	16
484G	Each	82,10	87,60	97,70	124,00	142,00	168,00

Hadie



484G

LEAD SEALS

Prod. SCU

For pliers Art. 481 - 483G - 484G.

Ø	mm	8	11	12	14	16
Thickness approx.	mm	5	5,8	5,5	6,5	6,2
Quantity/1 Kg approx.	Pcs	565	225	225	139	98
No.		00	2	2.1/2	4	5b
485	Per Kg	17,30	17,30	17,30	17,30	17,30

SCU



485

LEAD SEAL WIRES

Prod. SCU

Galvanized finish. Dia. 1mm. In coils, weight 1kg.

485F	Per Kg	25,50
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SCU



485F

WIRE TWISTERS

Prod. SCU

In special steel, forged and hardened, cutting edges additionally hardened, strong clamping jaws, diagonal head front. Burnished finish, polished head. For twisting steel wires and ensuring safety locking of nuts, bolts, taps, fittings, pipes, etc. in any field. Particularly used in aeronautics, naval and mechanical industry, etc.

Ø max wire 1.6 mm.

Right rotation and automatic return.

Overall length	mm	210	265
485G	Each	101,00	116,00

SCU



485G
new



485GB

SCU



Product description as Art. 485G
Right rotation and automatic return.

Overall length	mm	210	265
485GB	Each	159,00	160,00

485GD

new

SCU



MOVIMENTO
DESTRO E SINISTRO

Product description as Art. 485G
Reversible type right + left and automatic return.

Overall length	mm	235	285
485GD	Each	161,00	190,00

485GE

SCU



MOVIMENTO
DESTRO E SINISTRO

Product description as Art. 485G
Right/left reversible type, automatic return.

Overall length	mm	220	275
485GE	Each	213,00	233,00

SEALING WIRES IN STAINLESS STEEL

485GL

SCU

INOX



Prod. SCU

Security sealing wires, in stainless steel, in compliance with American government and military standards QQW 423-MS-20995-C, particularly suitable for use with pliers Art. 485 GA-B-E.

Supplied in spools. (dia. 1,3mm only in dispenser).

Wire Ø	mm	0,5	0,8	1	1,3
Wire Ø	inch	0,020	0,032	0,041	0,051
Wire overall length	m(ft)	70(234)	28(91)	17(55)	43(144)
485GL	Each	19,90	19,90	19,90	59,10

LEVER HAND STAPLERS

486

SCU



Prod. SCU - Rapid

Standard type, reinforced ABS. Good penetration strength.
Staple distance from stapler front side 5mm.
Weight 0.250Kg.

Without staples.

For points	mm	4-6-8
486	Each	20,20

Product running out of stock.

486GA

SCU



Prod. SCU

Universal type in hardened steel. Max staple depth.
2 mm staple deviation from staple-gun front side. Weight 0,500Kg.
Without staples.

For points	mm	4-6-8-10
486GA	Each	35,50

486GE

new

SCU



Prod. SCU - Rapid

Universal type made of reinforced plastic and internal parts in steel. High point penetration force.
Point gauge from the front of the stapler mm 3. Weight kg 0,325.

Without staples.

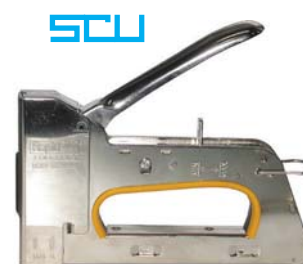
For points	mm	4-6-8-10
486GE	Each	44,60



High-performance professional type in hardened steel. Max staple depth, recoilless. Adjusting device in case of materials having different thickness. 2 mm staple deviation from staple-gun front side. Weight 0,870Kg.

Without staples.

For points	mm	6-8-10-14	
487G	Each	104,00	



487G

2

Prod. SCU

METAL STAPLES, for staplers Art. 486 - 486 GA - 486 GE - 487 G - 492 GE - 493 GS.

Width 10.6mm.

Packs of 5000 pcs, not sold separately.

Height	mm	4	6	8	10	14
488GA	Pack	8,24	8,38	9,00	10,90	13,50

SCU

488GA



Prod. SCU - Rapid

Product description as Art. 488GA

Width 10.6mm.

Packs of 5000 pcs, not sold separately.

Height	mm	4	6	8	10	14
488GC	Pack	8,36	9,04	9,56	11,60	14,30

SCU

488GC
new



STAINLESS STEEL STAPLES, for staplers Art. 486 GA - 486 GE - 487 G - 492 GE - 493 GS.

Width 10.6mm.

Packs of 2500 pcs, not sold separately.

Height	mm	6	8
488GE	Pack	38,20	42,20

SCU

INOX

488GE



LEVER HAND CABLE CLAMPS

Prod. SCU

High-performance professional type. For precise and safe clamping of electric, telecom cables, etc. Max penetration strength. Staple positioning guide. For small cables Ø 5.5 and 6.5mm. Weight 0.800 Kg.

Without staples.

For points	mm	9,5-12-14
490A	Each	66,40

SCU

490A



STAPLES, for staple guns Art. 490 A.

Packs of 1000 pcs, not sold separately.

Height	mm	9,5	12	14
Width	mm	5,5	6,5	6,5
490B	Pack	4,08	4,50	4,42

SCU

490B



Prod. SCU - Rapid

Very high-performance professional type in hardened steel. For precise and safe clamping of electrical, telephonic and TV-cables. Adjusting device in case of different surfaces. Staple positioning guide and high loading capacity (84 staples).For small cables up to Ø 6mm. Weight 0,900Kg.

Without staples.

For points	mm	10-12-14
491G	Each	131,00

SCU

491G



STAPLES, for staple guns Art. 491 G.

Width 7.5mm.

Packs of 5000 pcs, not sold separately.

Height	mm	10	12	14
492G	Pack	21,90	23,40	24,80

SCU

492G





HAMMER TACKERS

492GE



Prod. SCU

Chrome-plated, hardened steel type. Hammer use for high staple penetration. Non-slip rubber handle. Suitable for upholstery, carpet, insulating materials, covering paper, labels, etc.

Without staples.

For points	mm	6-8-10
492GE	Each	60,60

For staples see Art. 488 GA-GC.

492GL



Prod. SCU - Rapid

Professional model made from hardened steel. Use with a hammer with high level penetration power, which helps to reduce hand fatigue. Ergonomic handle with non-slip rubber finger protection. Protective plate to prevent damage to any materials and a reversible strike which provides a longer service life.

For jobs in construction and industry, for installing insulating and anti-vibration materials, and for Without staples.

For points	mm	6-8-10-12
492GL	Each	141,00

METAL STAPLES for staplers Art. 492 GL - 493 GSE.

Flat wire type allowing fixing to a larger area of material, reducing the "shear" effect and increasing grip. Width 10.6mm. Packs of 5000 pcs, not sold separately.

Height	mm	6	8	10	12	14
O492GL	Pack	21,10	22,60	25,20	27,10	31,50

PNEUMATIC STAPLE GUNS

493G



Prod. SCU - Rapid

High-performance professional type. In light alloy, reliable and easy to manage, with safety catch. Working pressure 6 Atm.

In case.

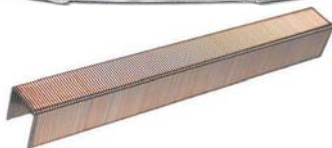
For points	mm	6-8-10-12-14-16
493G	Each	141,00

METAL STAPLES for staple gun Art. 493 G.

Width 12mm.

Packs of 5000 pcs, not sold separately.

Height	mm	6	8	10	12	14	16
O493G	Pack	6,34	6,96	7,78	8,40	9,70	10,60



PNEUMATIC NAIL GUNS

493GF



Prod. SCU - Rapid

High-performance professional type. In light alloy, reliable and handy, with safety catch. For thin nails. Use pressure 6 Atm.

In case.

For nails	mm	15-20-25-30-40-50
493GF	Each	166,00

CALIBRATED FINE NAILS (BRADS) for nail guns Art. 493 GF - 493 GS - 494 GP.

Packs of 5000 pcs, not sold separately.

Overall length	mm	15	19	25	30	40	50
O493GF	Pack	16,20	17,70	20,40	23,60	27,30	33,60





LEVER HAND STAPLERS AND NAIL GUNS

Prod. SCU

Combined type for stapling and nailing. Semi-professional. Metal lever and steel charger, shock-resistant synthetic resin body. High staple and nail penetration depth.

Weight 0.3Kg.

Staples height 5-8-10-12mm.

Nails length 13mm.

Without staples and small nails.

493GP	Each	31,50
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METAL STAPLES for staple gun Art. 493 GP.

Width 11mm.

Packs of 5000 pcs, not sold separately.

Height	mm	5	8	10	12
O493GP	Pack	9,08	9,92	14,10	15,10

METAL NAILS for Art.493 GP.

Packing units: 5,000 pcs each, not sold separately

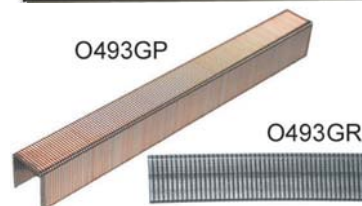
Overall length	mm	13
O493GR	Pack	14,50

SCU

493GP



O493GP



O493GR

2

Prod. SCU - Rapid

Model combined for use with staples and nails, professional. Body mate from synthetic, reinforced, impact-resistant material, interior parts made from steel. Adjustable penetration strength, noise damper, and openings for monitoring charge and the type of charging points.

Weight 0.38 Kg.

Height of staples 6-8-10-14mm.

Length of nails 15mm.

Without staples and nails.

Overall length	mm	175
493GS	Each	75,40

For metal staples see Art. 488 GA - GC - GE mm 6-8-10-14.

For nails see Art. O493 GF 15.

SCU

493GS



Combined type for clinching and nailing, professional, with patented technology for energy saving up to 65% and to avoid physical problems due to intense use. Die-cast aluminum body, with soft rubber inserts, steel internal parts. Ergonomic lever. Triple penetration force regulation, noise damper and opening to control the charge and the type of points loaded. Weight kg 0.50.

Height of staples 6-8-10-12-14mm.

Length of nails 15mm.

Without staples and nails.

Overall length	mm	180
493GSE	Each	78,40

For staples see Art. O492 GL 6-8-10-12-14.

For tacks see O493 GF 15.

SCU

493GSE
new



ELECTRIC NAIL AND STAPLE GUNS

Prod. SCU

Combined type for stapling and nailing. 230 V mono-phase motor. Double insulation and radio/TV-shielding, according to European standards. Staple power adjusting system. Safety switch, same container for staples and nails.

Weight 1,2Kg. In case.

Staples height 6-8-10-12-14mm.

Length of nails 16mm.

No. 20 strokes/min.

494G	Each	173,00
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METAL STAPLES for Art. 494 G

Width 11.4mm.

Height	mm	6	8	10	12	14
Indivisible pck.	Pcs	2000	2000	1000	1000	1000
O494GA	Pack	11,10	12,10	8,02	8,40	8,82

NAILS for Art.494 G.

Packing units: 1,000 pcs each, not sold separately

Overall length	mm	16
O494GC	Pack	15,20

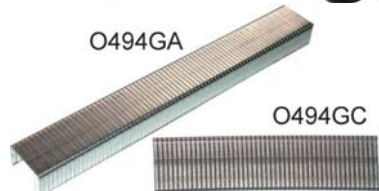
SCU



494G



O494GA



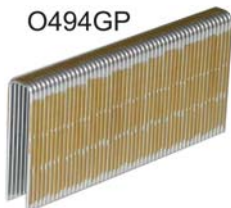
O494GC

2
494GP

SCU



O494GP

**Prod. SCU - Rapid**

Professional combined type for stapling and nailing. Light alloy body and ergonomic handle coated with soft material. Control lever, charger release lever, depth adjuster for staples and nails, protection for soft materials and air outlet direction adjuster.

Operating pressure 6 Atm. Weight 1.2 Kg. In case.

Staples height 12-18-25-30mm.

Length of nails 15-20-25-30mm.

494GP	Each	179,00
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METAL STAPLES for Art. 494 GP.

Width 6mm.

Height	mm	12	18	25	30
Indivisible pck.	Pcs	4000	4000	4000	4000
O494GP	Pack	21,10	23,60	25,50	29,10

For nails see Art. O493 GF.

STAPLE REMOVERS

495GA

SCU

**Prod. SCU**

Closed ergonomic handle. For removing all kinds of staples.

Weight 0,115Kg.

Overall length	mm	195
495GA	Each	18,10

495GB

SCU

**Prod. SCU - Rapid**

In chromed steel, with an ergonomic rubber handle and automatic locking of the point extracted. To remove any kind of point.

Overall length	mm	165
495GB	Each	13,10

HAND RIVETERS

498

SCU

**Prod. SCU**

Standard type.

Sturdy sheet steel body. Synthetic material ergonomic handles.

Locking spring and ring. With 4 heads.

For aluminium rivets up to Ø mm. 4,8

For copper and steel rivets up to Ø mm. 4

Overall length	mm	260
Weight	Kg	0,570
498	Each	17,30

498A

SCU



Assortment of about 75 aluminium rivets from Ø 3 to 4,8mm and pliers Art. 498. In wallet.

498A	Each	30,90
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With a single rotating head for rivets of four measures: 2.4-3.2-4-4.8/5 mm. Advantages: there is no need to replace the heads depending on the measurement of the rivet and this prevents the heads from getting lost.

Aluminium cast body and steel lever.
Ergonomic handles made of rubbery material.
For aluminium, copper, steel rivets up to Ø 4.8/5.
For stainless steel rivets up to Ø 4 mm.

Overall length	mm	253
Weight	Kg	0,6
498P	Each	22,50

SCU

498P



Professional type.
In die-cast aluminium body and sheet steel lever.
Synthetic material ergonomic handles.
Locking spring and ring. With 4 heads.
For aluminium rivets up to Ø mm. 4,8
For copper, steel, stainless steel rivets up to Ø mm. 4

Overall length	mm	260
Weight	Kg	0,580
499	Each	33,10

SCU

499



Assortment of about 400 aluminium rivets from Ø 3 to 4,8mm and pliers Art. 499.
In wallet.

499A	Each	72,80
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SCU

499A



Prod. SCU - Rapid
Professional type.
Cast aluminum body.
Ergonomic synthetic handles.
Spring and closing ring. With 1 head for 3 sizes of rivets for faster use and gauge for verification of rivets.
For aluminum rivets from Ø mm 3,2 - 4 - 4,8.
For rivets in copper, steel, stainless steel from Ø mm 3,2-4.

Overall length	mm	260
Weight	Kg	0,530
499D	Each	43,60

SCU

499D
new

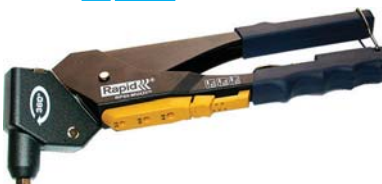


Standard type, 360° revolving head to reach very confined areas.
Body in die-cast aluminium.
Synthetic material ergonomic handles.
Locking spring and ring. With 1 head for 3 sizes of rivets for faster use and gauge for verification of rivets.
For aluminium rivets Ø 3,2 - 4 - 4,8mm.

Overall length	mm	285
Weight	Kg	0,650
499E	Each	53,10

SCU

499E



Prod. SCU
Industrial type.
In die-cast aluminium body sheet steel lever.
Synthetic material ergonomic handles. With 4 heads.
For aluminium, copper, steel, stainless steel rivets up to Ø mm. 4,8

Overall length	mm	335
Weight	Kg	0,840
499P	Each	53,80

SCU

499P



2
500

SCU



Long lever type for limited effort and use in difficult to access areas. In cast aluminium body, sturdy sheet steel levers, synthetic material ergonomic handles. With 5 heads. With plastic tray to collect cut-down ends.

For aluminium, copper, steel, stainless steel rivets up to Ø mm. 6,4.

Overall length	mm	530
Weight	Kg	1,810
500	Each	81,60

501

SCU



With a single rotating head for rivets of four measures: 3.2-4-4.8/5-6.4 mm. Advantages: there is no need to replace the heads depending on the measurement of the rivet and this prevents the heads from getting lost.

With long levers for limited effort and for use in places that are hard to reach. Aluminium cast body and steel lever.

Ergonomic handles made of rubbery material.

For aluminium, copper, steel, stainless steel rivets up to Ø 6.4 mm.

Overall length	mm	400
Weight	Kg	2,000
501	Each	69,40

502A

SCU



Pantograph type for one-hand use.

Die-cast aluminium head and handle. With four heads.

Max extension 320 to 850mm.

For aluminium, copper, steel, stainless steel rivets up to Ø mm. 6,4.

Weight	Kg	1,660
502A	Each	141,00

AIR RIVETERS

504G

PNEUTEC
DRUCKLUFTWERKZEUGE

Prod. Pneutec - Art. UT4DPP

Oleo-pneumatic type, light and handy for maintenance works.

Light alloy body, steel operating parts.

Air attachment R 1/4". Use pressure 6,3 Atm. With plastic tray to collect cut-down ends.

Only for aluminium and copper rivets up to Ø mm. 4,8

Length	mm	260
Air consumption	l/sec	1,2
Noise level	dB	77,5
Vibrations	m/sec ²	< 2,5
Weight	Kg	1,500
504G	Each	257,00

504GC

SCU



Prod. SCU

Oleo-pneumatic type, light and easy to handle for maintenance work.

Light alloy body, steel operating parts, handle made from insulating material.

1/4" GAS female air connection (for standard snap-on coupling see Art. 3478 D 1/4). Working pressure 6.5 Atm. With rivet retainer and plastic tank for collection of small waste part.

For aluminium rivets up to Ø 4.8mm.

For copper, steel, STAINLESS steel rivets up to Ø 4mm.

Length	mm	300
Weight	Kg	1,450
504GC	Each	580,00





Prod. Pneutec - Art. UT6DPP

Oleo-pneumatic type, strong and long-lasting. Light alloy body, steel operating parts. R 1/4 air connection. Operating pressure 6.3 Atm. With plastic tank for the collection of small waste parts.

For rivets (copper and aluminium only) up to Ø 6.4mm.

Length	mm	310
Air consumption	l/sec	1,7
Noise level	dB	77
Vibrations	m/sec ²	4,8
Weight	Kg	2,100
504GE	Each	797,00



504GE



2

Prod. SCU

Oleo-pneumatic type, strong and long-lasting. Light alloy body, steel operating parts, handle made from insulating material. 1/4" GAS female air connection (for standard snap-on coupling see Art. 3478 D 1/4). Working pressure 6.5 Atm. With rivet retainer and plastic tank for collection of small waste part.

For aluminium rivets up to Ø 6mm.

For copper, steel, stainless steel rivets up to Ø 4.8mm.

Length	mm	310
Weight	Kg	1,550
504GL	Each	703,00



CE **504GL**



AIR RIVETERS

Prod. SCU

Professional type. In die-cast aluminium body, steel operating parts. 1/4" Gas female coupling (for standard quick coupling, see Art. 3478 D 1/4). With 4 heads. Use pressure 6 Atm.

For aluminium rivets up to Ø mm. 4,8

For copper, steel, stainless steel rivets up to Ø mm. 4.

Length	mm	210
Weight	Kg	1,500
505	Each	249,00



505



BATTERY RIVETERS

Prod. SCU

Professional tool. Sturdy body made of synthetic material. Comes with 1 Lithium batteries (Li-ion) 7.4 Volt- 1,3 Ah detachable, rechargeable. With V 100-240 / 50-60 Hz battery charger; average time for full charge 90 minutes. With four heads.

For aluminum and steel rivets up to Ø 4,8 mm.

Length	mm	240
Weight	Kg	1,05
505T	Each	545,00

Battery and battery-charger available on request.



7,4V



505T



Professional tool.

Sturdy body made of synthetic material. Comes with 2 Lithium batteries (Li-ion) Volt 16-2,0 Ah detachable, rechargeable. With V 100-240 / 50-60 Hz battery charger; average time for full charge 30 minutes. With four heads.

For aluminium, copper, steel, stainless steel rivets up to Ø 5 mm.

Length	mm	280
Weight	Kg	1,8
506	Each	2.160,00

Battery and battery-charger available on request.



16V



506





RIVETS

510

SCU



Rame

Prod. SCU

In copper with steel stem.

Ø for length	mm	3 x 7	3 x 9	3 x 11	3,2 x 7	3,2 x 9	3,2 x 11	3,4 x 7	
Bore Ø	mm	3,1	3,1	3,1	3,3	3,3	3,3	3,5	
Fine rivetable thickness	mm	4	6	8	4	6	8	4	
Indivisible packages	Pcs	1000	1000	1000	1000	1000	1000	1000	
	510	Pack	34,20	37,90	42,80	42,10	43,90	50,50	49,90
Ø for length	mm	3,4 x 9	3,4 x 11	4 x 7	4 x 9	4 x 11	4 x 12	4 x 14	
Bore Ø	mm	3,5	3,5	4,1	4,1	4,1	4,1	4,1	
Fine rivetable thickness	mm	6	8	3,5	5,5	7,5	8,5	10,5	
Indivisible packages	Pcs	1000	1000	1000	1000	1000	1000	1000	
	510	Pack	52,50	60,20	64,50	72,60	80,60	84,80	91,10
Ø for length	mm	4,8 x 10	4,8 x 12	4,8 x 14	4,8 x 16				
Bore Ø	mm	5	5	5	5				
Fine rivetable thickness	mm	6	8	10	12				
Indivisible packages	Pcs	500	500	500	500				
	510	Pack	52,90	59,30	66,40	71,70			

511

SCU



Alluminio

In aluminium with steel stem.

Ø for length	mm	2,4 x 6	2,4 x 8	2,4 x 10	3 x 6	3 x 8	3 x 10	3 x 12	3 x 14	
Bore Ø	mm	2,5	2,5	2,5	3,1	3,1	3,1	3,1	3,1	
Fine rivetable thickness	mm	3	5	7	3	5	7	9	11	
Indivisible packages	Pcs	1000	1000	1000	1000	1000	1000	1000	1000	
	511	Pack	18,40	18,80	19,90	15,00	16,50	18,00	19,50	20,70
Ø for length	mm	3,2 x 6	3,2 x 8	3,2 x 10	3,2 x 12	3,2 x 14	3,4 x 7	3,4 x 9	3,4 x 11	
Bore Ø	mm	3,3	3,3	3,3	3,3	3,3	3,5	3,5	3,5	
Fine rivetable thickness	mm	3	5	7	9	11	4	6	8	
Indivisible packages	Pcs	1000	1000	1000	1000	1000	1000	1000	1000	
	511	Pack	15,80	17,30	19,20	19,50	21,80	18,20	18,80	19,90
Ø for length	mm	3,4 x 14	3,4 x 16	4 x 8	4 x 10	4 x 12	4 x 14	4 x 16	4 x 18	
Bore Ø	mm	3,5	3,5	4,1	4,1	4,1	4,1	4,1	4,1	
Fine rivetable thickness	mm	11	13	4,5	6,5	8,5	10,5	12,5	14,5	
Indivisible packages	Pcs	1000	1000	1000	1000	1000	1000	500	500	
	511	Pack	23,30	24,80	19,50	21,80	23,70	25,90	13,90	14,70
Ø for length	mm	4,8 x 8	4,8 x 10	4,8 x 12	4,8 x 14	4,8 x 16	4,8 x 18	4,8 x 20	4,8 x 25	
Bore Ø	mm	5	5	5	5	5	5	5	5	
Fine rivetable thickness	mm	4	6	8	10	12	14	16	21	
Indivisible packages	Pcs	1000	500	500	500	500	500	500	250	
	511	Pack	22,90	13,40	14,10	17,30	18,20	19,90	21,80	12,50
Ø for length	mm	6 x 15	6 x 18	6 x 22	6 x 26	6,4 x 18	6,4 x 26	6,4 x 30		
Bore Ø	mm	6,1	6,1	6,1	6,1	6,5	6,5	6,5		
Fine rivetable thickness	mm	10	13	17	21	13	21	25		
Indivisible packages	Pcs	250	250	250	250	250	250	250		
	511	Pack	15,30	16,50	24,40	19,20	22,70	22,80	26,20	

512

SCU



Acciaio

In steel with iron shank.

Ø for length	mm	3 x 6	3 x 8	3 x 10	3,2 x 6	3,2 x 8	3,2 x 10	3,2 x 12	
Bore Ø	mm	3,1	3,1	3,1	3,3	3,3	3,3	3,3	
Fine rivetable thickness	mm	4	6	8	4	5	7	9	
Indivisible packages	Pcs	1000	1000	1000	1000	1000	1000	1000	
	512	Pack	24,40	21,10	29,30	24,10	26,70	30,10	31,90
Ø for length	mm	4 x 6	4 x 8	4 x 10	4 x 12	4 x 14	4,8 x 8	4,8 x 10	
Bore Ø	mm	4,1	4,1	4,1	4,1	4,1	5	5	
Fine rivetable thickness	mm	3	4,5	6,5	8,5	10,5	4	6	
Indivisible packages	Pcs	1000	1000	1000	1000	1000	500	500	
	512	Pack	27,80	28,50	29,70	36,80	40,90	18,80	20,70
Ø for length	mm	4,8 x 12	4,8 x 14	4,8 x 16					
Bore Ø	mm	5	5	5					
Fine rivetable thickness	mm	8	10	12					
Indivisible packages	Pcs	500	500	500					
	512	Pack	40,70	27,80	29,30				

513

SCU



INOX

In INOX steel with INOX steel stem (AISI 304).

Ø for length	mm	3,2 x 8	3,2 x 10	3,2 x 12	4 x 8	4 x 10	4 x 12	4 x 14	
Bore Ø	mm	3,3	3,3	3,3	4,1	4,1	4,1	4,1	
Fine rivetable thickness	mm	5	7	9	4	6	8	10	
Indivisible packages	Pcs	1000	1000	1000	1000	1000	1000	1000	
	513	Pack	63,80	65,70	85,50	93,80	99,40	116,00	120,00
Ø for length	mm	4,8 x 10	4,8 x 12						
Bore Ø	mm	5	5						
Fine rivetable thickness	mm	5	7						
Indivisible packages	Pcs	500	500						
	513	Pack	72,20	78,20					

Prices in EURO . VAT not included



PLIERS FOR THREADED INSERTS

Prod. SCU

Ideal for fixing threaded inserts.
 In die-cast aluminium body and sheet steel lever.
 Synthetic material ergonomic handles.
 With 3 stay bolts complete with pins and threaded rings.
 For threaded aluminium, steel and INOX steel inserts Ø M 3-4-5.

Overall length	mm	250	
Weight	Kg	0,570	
514A	Each	52,80	

SPARE FASTENERS FOR ART. 514 A

Tie-rods Ø	M.	3	4	5
O514A	Each	42,50	42,50	42,50

SCU

514A



2

Assortment of about 300 steel threaded inserts, flat head, from M 3 to 5.
 100 inserts with reduced head M4 and plier Art. 514 A.
 Not sold separately.

514B	Each	144,00
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SCU

514B



Heavy professional type.
 Suitable for fixing threaded inserts.
 In die-cast aluminium body and sheet steel lever.
 Synthetic material ergonomic handles.
 With 4 stay bolts complete with pins and threaded rings.
 For threaded aluminium, steel and INOX steel inserts Ø M 3-4-5-6.

Overall length	mm	340	
Weight	Kg	0,910	
514C	Each	111,00	

SPARE FASTENERS FOR ART. 514 C

Tie-rods Ø	M.	3	4	5	6
O514C	Each	42,50	42,50	42,50	42,50

SCU

514C



Assortment of about 400 steel threaded inserts, flat head, from M 3 to 6 and
 pliers Art. 514 C.
 Not sold separately.

514D	Each	206,00
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SCU

514D



Heavy professional type, long levers.
 For limited effort and use in difficult to access areas.
 In die-cast aluminium head, sturdy sheet steel levers, synthetic material ergonomic handles.
 With 6 stay bolts complete with pins and threaded rings.

For threaded aluminium, steel and INOX steel inserts Ø M 3-4-5-6-8-10.

Overall length	mm	540	
Weight	Kg	2,150	
514E	Each	270,00	

SPARE FASTENERS FOR ART. 514 E

Tie-rods Ø	M.	3	4	5	6	8	10
O514E	Each	37,50	37,50	37,50	37,50	37,50	37,50

SCU

514E





514F

SCU



Light and easy to handle.
With long levers for limited effort and for use in places that are hard to reach.
Aluminium cast body and steel levers, ergonomic handles made of rubbery material.
With five tie-rods complete with pins and threaded rings.

For threaded aluminium, steel and stainless steel inserts Ø M 4-5-6-8-10.

Overall length	mm	335
Weight	Kg	0,800
514F	Each	191,00

Tie-rods and rings available on request.

RATCHED-RIVETERS FOR THREADED RIVETS

514FL

SCU



Prod. SCU
Ratchet tool.
For use in limited spaces and with reduced effort.
Steel head and levers, handle made of synthetic material.
With five tie-rods complete with pins and thread. rings for threaded inserts in aluminium, steel and stainless steel Ø M 5-6-8-10-12 three tie-rods for male thread. inserts made of steel Ø M 5-6-8.

Overall length	mm	155
Weight	Kg	1,000
514FL	Each	304,00

Tie-rods, threaded rings and male inserts available on request.

HYDROPNEUMATIC-RIVETERS FOR THREADED RIVETS

514H

SCU



Prod. SCU
Oleo-pneumatic type, strong and long-lasting.
Light alloy body, steel operating parts, handle in insulating material.
1/4" air connection, GAS female coupling (for standard quick coupling see Art. 3478 D 1/4).
Operating pressure 6.5 Atm. With 6 stay bolts complete with pins and threaded rings.
For aluminium, steel and stainless steel threaded rivets Ø M 4-5-6-8-10-12.

Length	mm	330
Weight	Kg	2,500
514H	Each	2.440,00

Spare stay bolts on request.

514L

SCU



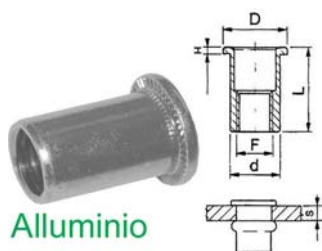
Hydro-pneumatic tool with great power and durability.
Light alloy body, covered with insulating material.
Air connection with plug for rapid taps and 9 mm hose (see Art. 3480 GD). Operating pressure 5-7 ATM. With 7 rods complete with bolts and threaded nuts.
For threaded aluminium, steel and stainless steel inserts Ø M 3-4-5-6-8-10-12.

Length	mm	285
Weight	Kg	1,600
514L	Each	2.250,00

ALUMINIUM THREADED RIVETS

514P

SCU



Prod. SCU
FLAT head.
In aluminium.
Indivisible packs of 200 pcs.

Thread (F)	M	3	4	5	6	6A	8	10
Bore Ø	mm	5	6	7	9	9	11	12
Thickness (S)	mm	0,3-1,8	0,3-2,5	0,5-3	0,5-2,3	2,3-4	0,8-3,5	1-3,5
Ext. Ø (d)	mm	4,9	5,9	6,9	8,9	8,9	10,9	11,9
Ø with edge (D)	mm	8	9	10	12	12	15	16
Edge thickness (H)	mm	0,8	1	1,2	1,5	1,5	1,5	1,7
Overall length (L)	mm	9	11	13	14,5	16	17,5	19
514P	Pack	24,90	16,10	17,60	22,10	36,10	30,10	60,20

Alluminio



STEEL THREADED RIVETS

Prod. SCU

FLAT head.
In steel.

Indivisible packing: 200 pcs, only the size 12 with indivisible pack 100 pcs.

Thread (F)	M	3	4	5	6	6A	8	10	12
Bore Ø	mm	5	6	7	9	9	11	12	16
Thickness (S)	mm	0,3-1,8	0,3-2,5	0,5-3	0,5-2,3	2,3-4	0,8-3,5	1-3,5	1-3,5
Ext. Ø (d)	mm	4,9	5,9	6,9	8,9	8,9	10,9	11,9	14,9
Ø with edge (D)	mm	8	9	10	12	12	15	16	18
Edge thickness (H)	mm	0,8	1	1,2	1,5	1,5	1,5	1,7	1,9
Overall length (L)	mm	9	11	13	14,5	16	17,5	19	22
514R	Pack	12,80	14,60	15,50	18,20	27,10	22,70	35,40	57,80

When stocks are depleted, we will provide only the size M12 with knurling.

SCU

514R



Acciaio

2

WIRE REDUCED head.

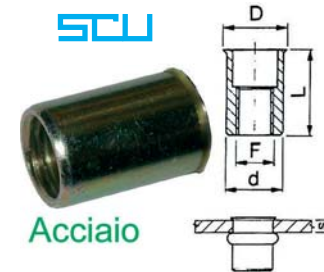
In steel.

Indivisible packs of 200 pcs.

Thread (F)	M	3	4	5	6	8	10
Bore Ø	mm	5	6	7	9	11	12
Thickness (S)	mm	0,5-1,5	0,5-1,5	0,5-2	0,5-2	1-2,5	1-2,5
Ext. Ø (d)	mm	4,9	5,9	6,9	8,9	10,9	11,9
Ø with edge (D)	mm	5,5	6,7	8	10	12	13,5
Overall length (L)	mm	8,5	10	12	13,5	16,5	18
514T	Pack	12,80	14,60	15,50	18,20	22,70	35,40

SCU

514T



Acciaio

90° FLARED head.

In steel.

Indivisible packs of 200 pcs.

Thread (F)	M	3	4	5	6	8	10
Bore Ø	mm	5	6	7	9	11	12
Thickness (S)	mm	1,6-3,6	1,5-3	1,5-3,5	1,5-4	1,6-5	1,6-5
Ext. Ø (d)	mm	4,9	5,9	6,9	8,9	10,9	11,9
Ø with edge (D)	mm	7,8	9	10	12	14	15
Overall length (L)	mm	9,5	12	13	15,5	18,5	19
514TE	Pack	12,30	13,20	14,10	16,50	20,70	31,20

SCU

514TE



INOX THREADED RIVETS

Prod. SCU

FLAT head type.

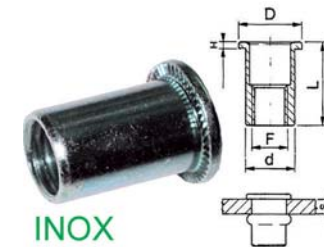
In stainless steel (AISI 304).

Indivisible packs of 200 pcs.

Thread (F)	M	3	4	5	6	8	10
Bore Ø	mm	5	6	7	9	11	13
Thickness (S)	mm	0,3-1,0	0,3-2,5	0,5-3	0,5-3,5	0,8-3,5	1-3,5
Ext. Ø (d)	mm	4,9	5,9	6,9	8,9	10,9	12,9
Ø with edge (D)	mm	6	8	9	11	14	17
Edge thickness (H)	mm	0,8	1	1,2	1,5	1,5	1,7
Overall length (L)	mm	8,5	11	13	15,5	17,5	21
514V	Pack	44,80	52,50	67,30	94,20	189,00	206,00

SCU

514V



INOX

SAW SETTING PLIERS

Prod. SCU

In forged steel. Hardened head. Adjustable depth and inclination.

For saws up to thickness 2mm.

Overall length	mm	190
516G	Each	32,90

SCU

516G



KEVLAR CUTTERS

Prod. SCU

In special steel. Hardened cutting edges, micro-toothed blade. Bicomponent handles. With blades adjustment system. For cutting kevlar fiber cables (optic fibers), strips, etc. Not suitable for metals.

Single hinge.

Overall length	mm	135
546G	Each	81,80

SCU

546G



Per fibre ottiche e Kevlar



2

FIBERGLASS CUTTERS

548G

SCU



Per fibre di vetro



Prod. SCU

Large and powerful for cutting cables, fibreglass burrs, optical fibres and fibre-reinforced plastic. In forged steel, single hinge, head bent to 20° and hardened cutting edges. Plastic-coated handles. Not suitable for metals.

Overall length	mm	250
548G	Each	58,10

Scissors for fiberglass and synthetic fibers see Art. 648 G – 649 G.
Product running out of stock.

PLASTIC CUTTERS

548GA

GEDORE



Per plastica



Orig. Gedore - Art. 8313 G-160 TL

Industrial type for removing burrs from plastic printed products. In forged steel. Polished head, hardened cutting edges, induction hardened and finely sharpened. With spring. Plastic-coated handles. Not suitable for metals. Strong hinge, high precision and smoother tracking. Straight head type, tapered.

Overall length	mm	160
548GA	Each	37,20

548GD

GEDORE



Per plastica



Orig. Gedore - Art. 8313 AS-160 TL

Product description as Art. 548GA
45° bent head type, tapered.

Overall length	mm	160
548GD	Each	54,60

548GE

GEDORE



Per plastica



Orig. Gedore - Art. 8313 AG-160 TL

Product description as Art. 548GA
90° bent head type.

Overall length	mm	160
548GE	Each	60,50

549A

GEDORE



Per plastica



Orig. Gedore - Art. 8313

For removing burrs from plastic printed products. In forged steel. Enamelled black head, hardened and ground cutting edges. With spring. Plastic-coated handles. Not suitable for metals. Single hinge. Straight head model.

Overall length	mm	125	140	160
549A	Each	35,20	36,00	36,60

In case of intense use, please notice to keep the hinge lubricated.

549G

SCU



Per plastica

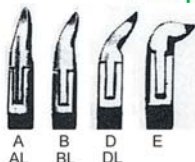


Prod. SCU

For removing burrs from plastic printed products. In forged steel. Polished head, hardened cutting edges. With spring. Plastic-coated handles. Not suitable for metals. Single hinge.

Type		A	AL	BL	D	DL	E
Overall length	mm	150	170	165	145	170	150
549G	Each	42,50	42,80	40,50	45,10	45,90	49,60

In case of intense use, it is advised to keep the hinge lubricated.
Size BL running out of stock.





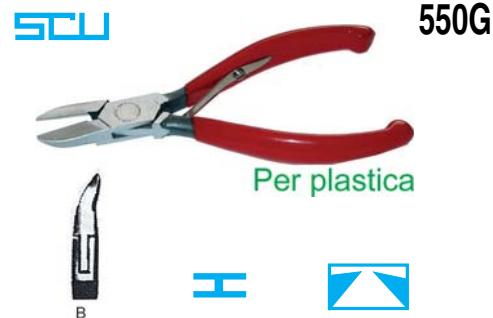
Product description as Art. 549G

Double hinge.

Type

Overall length	mm	B
550G	Each	52,80

Product running out of stock.



Large and powerful.

For removing burrs from plastic printed products.

In forged steel, single hinge, head bent to 30° and hardened cutting edges.

Plastic-coated handles and spring. Not suitable for metals.

Overall length	mm	255
550GH	Each	61,20



ELECTRONICS AND FINE MECHANICS CUTTERS

Prod. SCU

In special steel. Hardened. Single hinge.

Soft rubber insulated handles, strong clamping, with spring.

Burnished finish.

Thin head type for inclined side cutting. For copper wires up to Ø 1,02mm.

Non-chamfered cutting edges, very sharp for precise cutting with minimum effort.

Overall length	mm	135
550K	Each	13,70



Product description as Art. 550K

Inclined side cutting. For copper wires up to Ø 1,3mm.

Non-chamfered cutting edges.

Overall length	mm	138
550L	Each	12,50



Product description as Art. 550K

Inclined side cutting. For copper wires and ferrous material up to Ø 1,3mm.

Non-chamfered cutting edges.

Overall length	mm	138
550L 3	Each	12,80



Product description as Art. 550K

Inclined side cutting. For copper wires up to Ø 2,59mm.

Non-chamfered cutting edges, flat surface. Also suitable for cutting rubber gaskets. Used in goldsmith workshops.

Overall length	mm	160
550L 5	Each	20,20



**550L 7 SCU**

Product description as Art. 550K

Inclined side cutting. For copper wires up to \varnothing 2,05mm.

Non-chamfered cutting edges, convex surface. Also suitable for cutting rubber gaskets. Used in goldsmith workshops.

Overall length	mm	160
550L 7	Each	21,10

**550M SCU**

Product description as Art. 550K

Inclined side cutting. For copper wires and ferrous material up to \varnothing 1,63mm.

Chamfered cutting edges.

Overall length	mm	138
550M	Each	18,40

**550MA SCU**

Product description as Art. 550K

Inclined side cutting. For copper wires and ferrous material up to \varnothing 2.05mm.

Cutting edges with chamfer.

Overall length	mm	137
550MA	Each	18,40

**550P SCU**

Product description as Art. 550K

Inclined side cutting. For copper wires and ferrous material up to \varnothing 2,59mm.

Chamfered cutting edges.

Overall length	mm	160
550P	Each	20,10

**550R SCU**

Product description as Art. 550K

Front cutting, for copper wires up to \varnothing 1,02mm. Non-chamfered cutting edges; oblique.

Suitable for high density rephore areas and difficult to access areas.

Overall length	mm	144
550R	Each	16,30

**550Z SCU**

Product description as Art. 550K

Shear type, thin head for copper wires up to \varnothing mm 1,3.

Overall length	mm	148
550Z	Each	19,60

For clips of the same line, see Art. 90 A to 90 T.

SPECIAL ELECTRONICS CUTTERS**551A 2 SCU****CONDUTTIVO**

Prod. SCU

In special steel. Hardened. Single hinge.

Plastic-coated handles, with spring. Burnished finish.

10⁴ ohm conductive model for fast elimination of electrostatic charges for circuit and component protection.Inclined side cutting. For copper wires up to \varnothing 1,5mm.

Non-chamfered cutting edges.

Overall length	mm	130
551A 2	Each	21,60

551A 4 SCU**CONDUTTIVO**

Product description as Art. 551A 2

Inclined side cutting. For copper wires and ferrous material up to \varnothing 1,5mm.

Mini-chamfered cutting edges.

Overall length	mm	130
551A 4	Each	25,70



Product description as Art. 551A 2

Front cutting, for copper wires up to Ø 1mm. Non-chamfered cutting edges; oblique. Suitable for high density reophore areas and difficult to access areas.

Overall length	mm	140
551A 8	Each	14,30

Product running out of stock.



In special steel. Hardened. Single hinge.

Soft rubber handles, strong clamping, with spring. Burnished finish.

10⁷ ÷ 10⁹ ohm dissipating model to be used on circuits and components sensitive to electrostatic charges.

Inclined side cutting. For copper wires up to Ø 1,3mm.

Non-chamfered cutting edges.

Overall length	mm	138
551B 2	Each	17,40



Product description as Art. 551B 2

Inclined side cutting. For copper wires and ferrous material up to Ø 1,3mm.

Non-chamfered cutting edges.

Overall length	mm	138
551B 4	Each	17,80



Product description as Art. 551B 2

Inclined side cutting. For copper wires and ferrous material up to Ø 1,63mm.

Chamfered cutting edges.

Overall length	mm	138
551B 6	Each	23,30



Product description as Art. 551B 2

Front cutting, for copper wires up to Ø 1mm. Non-chamfered cutting edges; oblique.

Suitable for high density reophore areas and difficult to access areas.

Overall length	mm	144
551B 8	Each	21,30



ELECTRONICS AND FINE MECHANICS CUTTERS

Prod. SCU

In special steel. Hardened. Single hinge.

Dual component insulated handles for comfortable and safe gripping. With spring. Black chrome-plated finish.

Side cutting. For hard wires up to Ø 1mm.

Chamfered cutting edges.

Overall length	mm	115
551G 3	Each	15,50



Product description as Art. 551G 3

Side cutting. Thin head. For hard wires up to Ø 1mm.

Chamfered cutting edges.

Overall length	mm	115
551G 5	Each	15,50





551G 7

SCU



Product description as Art. 551G 3
Front cutting. For hard wires up to \varnothing 1mm.
Chamfered cutting edges.

Overall length mm 110
551G 7 Each **17,40**

For clips of the same line and assortment, see Art. 92 GA a 93 G.

553A

SCU

INOX



In stainless steel. Hardened. Single hinge.
Plastic-coated handles, with spring.
Satin finish.

Side cutting, for soft wires up to \varnothing 1.2mm.
With mini-chamfered cutting edges.

Overall length mm 115
553A Each **22,10**

553B

SCU

INOX



Product description as Art. 553A
Side cutting, fine head, for soft wires up to \varnothing 1.2mm.
With mini-chamfered cutting edges.

Overall length mm 115
553B Each **22,10**

For pliers of the same line see Art. 100 A and 100 L.

557G

GEDORE



Orig. Gedore - Art. 8306-1

In special steel, hardened cutting edges.
Double hinge. Dual component insulated handles for comfortable and safe gripping.
Double spring-action opening. Polished finish.
Side cutting. For steel hard wires up to \varnothing 0,4mm., steel hard wires up to dia. 1mm and copper wires up to dia. 1,2mm.
Mini-chamfered cutting edges.

Overall length mm 125
557G Each **64,20**

557GA

GEDORE



Orig. Gedore - Art. 8306-4

Product description as Art. 557G
Side cutting. For steel hard wires up to \varnothing 1mm and copper wires up to dia. 1,5mm.
Non-chamfered cutting edges.

Overall length mm 125
557GA Each **69,90**

557GB

GEDORE



Orig. Gedore - Art. 8306-2

Product description as Art. 557G
Short cutting edges, for side cutting of steel soft wires up to dia. 1mm and copper wires dia. up to 1,5mm.
Non-chamfered cutting edges.

Overall length mm 120
557GB Each **70,10**



Orig. Gedore - Art. 8306-5

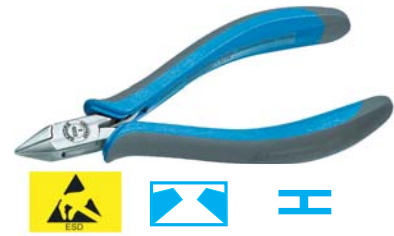
Product description as Art. 557G

Thin head, for side cutting of steel hard wires up to dia. 0,4mm, steel soft wires up to dia. 1mm and copper wires up to dia. 1,2mm.
Mini-chamfered cutting edges.

Overall length	mm	125
557GC	Each	69,90

GEDORE

557GC



Orig. Gedore - Art. 8306-6

Product description as Art. 557G

Short cutting edges, thin head, for side cutting of steel soft wires up to dia. 0,6mm and copper wires up to dia. 1,5mm.
Non-chamfered cutting edges.

Overall length	mm	120
557GD	Each	69,90

GEDORE

557GD



Orig. Gedore - Art. 8306-7

Product description as Art. 557G

Side cutting, for harmonic steel wires up to dia. 0,6mm, steel hard wires up to dia. 1mm and steel soft wires up to dia. 1,5mm.
Chamfered cutting edges, hard metal tips.

Overall length	mm	125
557GE	Each	172,00

GEDORE

557GE



Orig. Gedore - Art. 8306-8

Product description as Art. 557G

Model with cut-down ends tray, side cutting, for hard wires up to dia. 0,4mm, steel soft wires up to dia. 1mm and copper wires with dia. up to 1,5mm.
Mini-chamfered cutting edges.

Overall length	mm	125
557GF	Each	76,10

GEDORE

557GF



Orig. Gedore - Art. 8305-5

Product description as Art. 557G

Type for front cut, with narrow cutting edges, ideal for work in confined spaces, for soft steel wires up to dia. 0,6mm and copper wires up to dia. 0,8mm .
Chamfered cutting edges.

Overall length	mm	130
557GL	Each	87,40

Product running out of stock.

GEDORE

557GL



Orig. Gedore - Art. 8305-7

Product description as Art. 557G

Oblique cutting, suitable for confined areas, for steel hard wires up to dia. 0,6mm and copper wires up to dia. 0,8mm.
Non-chamfered cutting edges.

Overall length	mm	130
557GP	Each	83,10

GEDORE

557GP



**557GR GEDORE****Orig. Gedore - Art. 8308-4**

Product description as Art. 557G

Front cutting, suitable for steel hard wires up to dia. 0,4mm, steel soft wires up to dia. 1mm and copper wires up to dia. 1,5mm.
Non-chamfered cutting edges.

Overall length	mm	135
557GR	Each	78,20

557GT GEDORE**Orig. Gedore - Art. 8308-3**

Product description as Art. 557G

Front oblique cutting, suitable for steel hard wires up to dia. 0,4mm, steel soft wires up to dia. 1mm and copper wires up to dia. 1,5mm.
Non-chamfered cutting edges.

Overall length	mm	135
557GT	Each	79,70

557GZ GEDORE HARTMETALL**Orig. Gedore - Art. 8306-9**

In special steel, sharp HARD METAL, hardness of 84-86 HRA.

With double hinge. Dual component insulated handles, providing a comfortable and secure grip. Double spring pressure for opening the handles. Polished finish.

Narrow head type, for side cutting of harmonic steel wires up to a diameter of 0.3mm, very hard steel wires up to a diameter of 0.5mm and hard steel wires up to a diameter of 0.6mm.

Cutting edges with mini-chamfer.

Overall length	mm	125
557GZ	Each	176,00

For clips of the same line and assortment, see Art. 106 GA to 106 GT.

560A SCU INOX**Prod. SCU**

In stainless steel. Hardened. Double hinge.

Plastic-coated handles, with spring. Satin finish.

Side cutting, for soft wires up to Ø 1,6mm.

With mini-chamfered cutting edges.

Overall length	mm	130
560A	Each	25,10

560B SCU INOX

Product description as Art. 560A

Side cutting, thin head.

With mini-chamfered cutting edges.

Overall length	mm	115	130
For soft wires up to Ø	mm	1,2	1,6
560B	Each	23,10	23,10

560C SCU INOX

Product description as Art. 560A

Front cutting, for soft wires up to Ø 1,4mm.

With mini-chamfered cutting edges.

Overall length	mm	115
560C	Each	27,10



Product description as Art. 560A

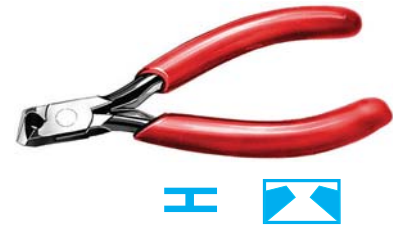
Front cutting. Inclined head, for soft wires up to Ø 1,4mm.

With mini-chamfered cutting edges.

Overall length	mm	115
560D	Each	27,10

For clips of the same line and assortment, see Art. 110 A to 110 T.

SCU INOX 560D



2

FRONT CUTTING NIPPERS

Prod. SCU

With front cutting edges, manufactured according to DIN ISO 5748.

In high-resistance steel.

Fully hardened.

Cutting edges additionally hardened. For harmonic steel wires.

Polished head. Plastic-coated handles.

Overall length	mm	160
For hard wires up to Ø	mm	2,5
For harmonic wire up to Ø	mm	2,2
565GA	Each	30,10

SCU 565GA



Product description as Art. 565GA

Polished head. Insulated handles, in bi-component material.

Overall length mm **160**

For hard wires up to Ø mm 2,5

For harmonic wire up to Ø mm 2,2

565GE Each **35,40**

SCU 565GE



Orig. Gedore - Art. 8367 TL

With front cutting edges, manufactured according to DIN ISO 5748.

In high-resistance steel.

Fully oil-hardened.

Cutting edges additionally hardened. For harmonic steel wires.

Enamelled black head. Plastic-coated handles.

Overall length	mm	160
For harmonic wire up to Ø	mm	1,6
567G	Each	37,40

GEDORE 567G



Orig. Gedore - Art. 8367 JC

Product description as Art. 567G

Chrome-plated head. Dual component insulated handles.

Overall length mm 160

For harmonic wire up to Ø mm 1,6

567GB Each **49,60**

GEDORE 567GB



Prod. SCU

High-performance long model. In forged steel.

Hardened cutting edges. Plastic-coated handles.

For cutting extra hard wires.

Overall length	mm	300
For hard wires up to Ø	mm	3,5
567S	Each	31,40

SCU 567S



DIAGONAL CUTTERS

Prod. SCU

With central cutting edges.

Straight cutting edges, induction hardened, for harmonic steel wires.

Plastic-coated handles.

Overall length	mm	200	250
For harmonic wire up to Ø	mm	1,5	2
568G	Each	61,90	81,80

SCU 568G





568L

SCU



With thin head, particularly handy.

In special steel. Fully hardened. Cutting edges additionally induction hardened. Single hinge. Soft rubber handles, strong clamping, with spring. Burnished finish.

Inclined side cutting. For copper wires and ferrous material. Non-chamfered cutting edges.

Overall length	mm	135	160
For copperwires up to Ø	mm	2,05	2,59
For iron material wires up to	mm	1,63	1,63
568L	Each	19,50	21,90

568M

SCU



Product description as Art. 568L

Inclined side cutting. For copper wires and ferrous material. Chamfered cutting edges.

Overall length	mm	135	160
For copperwires up to Ø	mm	2,05	2,59
For iron material wires up to	mm	1,63	1,63
568M	Each	20,10	21,70

568T

SCU



Particularly handy.

In special steel. Cutting edges with hard metal tips. Single hinge.

Soft rubber handles, strong clamping, with spring.

Burnished finish.

incline side cutting. For copper wires up to Ø 2.59 mm, wires of ferrous material up to Ø 2.05 mm and steel wires up to Ø 0.7 mm.

Chamfered cutting edges.

Overall length	mm	147
568T	Each	46,20

Product running out of stock.

569

SCU



In alloy steel. Hardened. For soft and hard wires.

Chrome-plated finish. Insulated handles.

Overall length	mm	160
For soft wires up to Ø	mm	2
For hard wires up to Ø	mm	1,5
569	Each	13,60

569GA

SCU



With side cutting edges, manufactured according to DIN ISO 5749.

In high-resistance steel.

Fully hardened. Cutting edges additionally hardened.

For harmonic steel wires.

Polished head, Plastic-coated handles.

Overall length	mm	145	160	180
For hard wires up to Ø	mm	2	2,3	3
For harmonic wire up to Ø	mm	1,4	1,6	1,8
569GA	Each	17,30	18,50	21,70

569GE

SCU



Product description as Art. 569GA

Polished head. Insulated handles, in bi-component material.

Overall length	mm	145	160	180
For hard wires up to Ø	mm	2	2,3	3
For harmonic wire up to Ø	mm	1,4	1,6	1,8
569GE	Each	22,70	23,70	27,10

570GA

GEDORE



Orig. Gedore - Art. 8314 TL

With side cutting edges, manufactured according to DIN ISO 5749.

In high-resistance steel.

Fully oil-hardened and tempered. Cutting edges additionally hardened.

For harmonic steel wires.

Polished head. Plastic-coated handles.

Overall length	mm	130	145	160
For harmonic wire up to Ø	mm	1,25	1,4	1,6
570GA	Each	24,70	25,10	25,20



Orig. Gedore - Art. 8314 JC

Product description as Art. 570GA

Chrome-plated head. Dual component insulated handles.

Overall length	mm	130	145	160
For hard wires up to Ø	mm	1,25	1,4	1,6
570GB	Each	31,60	31,70	33,20

VDE-EN 60900 safety insulation type, see Art. 352 GT – 355 GT.

GEDORE  **570GB**



Prod. SCU

With side cutting edges, reinforced, manufactured according to DIN ISO 5749.

In high-resistance steel.

Fully hardened. Cutting edges additionally hardened.

For harmonic steel wires.

Polished head. Plastic-coated handles (mm. 240 with burnished head).

Overall length	mm	145	165	200	240
For hard wires up to Ø	mm	2,3	2,5	3	3,5
For harmonic wire up to Ø	mm	1,8	2	2,5	3
571GA	Each	21,70	23,50	29,10	41,90

SCU  **571GA**



Product description as Art. 571GA

Polished head. Insulated handles. (mm. 200-240 with burnished head, dual component insulated handle)

Overall length	mm	145	165	200	240
For hard wires up to Ø	mm	2,3	2,5	3	3,5
For harmonic wire up to Ø	mm	1,8	2	2,5	3
571GE	Each	26,90	29,10	34,60	46,40

SCU  **571GE**



Orig. Gedore - Art. 8316 TL

With side cutting edges, reinforced, manufactured according to DIN ISO 5749.

In high-resistance steel.

Fully oil-hardened. Cutting edges additionally hardened.

For harmonic steel wires. Hardness approx. 63 HRC. The particular hinge position creates a favourable leverage ratio and therefore a 35% strength saving in relation to traditional cutters.

Polished head. Plastic-coated handles.

Overall length	mm	140	160	180	200
For harmonic wire up to Ø	mm	1,4	1,6	1,8	2,0
573G	Each	28,20	28,70	31,40	35,10

GEDORE  **573G**



CERNIERA AVANZATA
+35% DI POTENZA

Orig. Gedore - Art. 8316 JC

Product description as Art. 573G

Chrome-plated head. Dual component insulated handles.

Overall length	mm	140	160	180	200
For harmonic wire up to Ø	mm	1,4	1,6	1,8	2,0
573GB	Each	40,50	42,10	44,70	48,10

GEDORE  **573GB**



CERNIERA AVANZATA
+35% DI POTENZA

DIAGONAL CUTTERS WITH WIRE STRIPPER

Orig. Gedore - Art. 8315 JC

With side cutting edges similar to Art. 570 GB. It can also be used as wire stripper. Two holes on the blade allow to strip copper wires 1,5 and 2,5 sqmm. In high-resistance steel. Fully oil-hardened. Cutting edges additionally hardened. Chrome-plated head. Dual component handles.

Overall length	mm	160
574G	Each	49,10

GEDORE  **574G**





COMPOUND ACTION CUTTERS

579G

SCU



Prod. SCU

With front blades.
Head and hinge made of special steel. Forged and hardened.
Heavy steel handles covered with plastic.
For spring wire up to \varnothing 1.6 mm.

Overall length	mm	160
579G	Each	61,90

581G

SCU



With side cutting edges.

Head and hinge in special steel. Forged and hardened. Heavy sheet steel handles , plastic-coated. For harmonic wire up to \varnothing 1,6mm.

Overall length	mm	160
581G	Each	55,70

585G

SCU



Type with front cutting edges for wires up to R 2000 N/sqmm.
In forged steel. Cutting edges additionally hardened.
Varnished handles. DIN ISO 5748.

Overall length	mm	180	210	235
For hard wires up to \varnothing	mm	3,7	4,2	4,7
For harmonic wire up to \varnothing	mm	2	2,2	2,5
585G	Each	68,50	70,10	76,30

593G

SCU



Type with side cutting edges for wires up to R 2000 N/sqmm.
In forged steel. Cutting edges additionally hardened.
Varnished handles. DIN ISO 5749.

Overall length	mm	195	225
For hard wires up to \varnothing	mm	3	4,7
For harmonic wire up to \varnothing	mm	1,8	2,5
593G	Each	68,50	78,10

595GA
595GB

GEDORE



Orig. Gedore - Art. 8340 Z - 200 TL

Power cutting model.

In CHROME-VANADIUM steel, fully hardened by oil, with additional hardening induction on the cutting edges. The specific shape of the head and the position of the hinge create a favourable lever ratio which allows the power to be reduced by approximately 60% when compared to a cutter of equal length.

For harmonic wire, hard wires, soft wires and rod, bolts, nails, screws, rivets, etc.

Total length 200 mm.

For harmonic wire cutting up \varnothing 3.8 mm.For cutting hard wires up to \varnothing 5,5 mm.For cutting soft threads and rods up to \varnothing 6.

With plastic coated handles.

595GA	Each	56,10
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Orig. Gedore - Art. 8340 Z - 200 JL

Product description as Art. 595GA

With handles in bi-component material.

595GB	Each	59,30
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CUTTERS AND BOLT CUTTERS

599G

SCU



Prod. SCU

Double fulcrum type.

Blades in alloyed hardened steel.

Steel sheet handles with adjusting screw, covered with synthetic material, with spring.

Straight side cutting edge type.

Suited to hard steel wire and piano wire.

Overall length	mm	200
For hard wires up to \varnothing	mm	3
For harmonic wire up to \varnothing	mm	2,5
599G	Each	42,10



Product description as Art. 599G

Frontal cutting edge type.
Suited to hard steel wire.

Overall length	mm	200
For hard wires up to Ø	mm	2
599GB	Each	42,10

SCU

599GB



2

BOLT CUTTERS

Prod. SCU

Model for cuts up to R 1330 N/sqmm (HRC 40).
High-resistance steel blades.
Tubular steel handles with rubber grips.

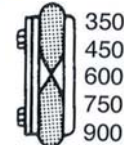
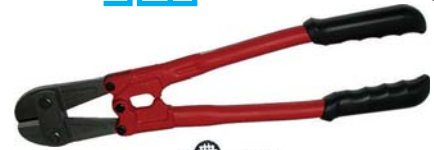
Overall length	mm	350	450	600	750	900
For cut R500 N/mm ² up to Ø	mm	6	8	9	11	13
For cut R1330 N/mm ² up to Ø	mm	5	6	8	9	10
602E	Each	35,40	40,90	54,10	86,10	112,00

Spare heads for Art. 602E.

For iron cutters length	mm	350	450	600	750	900
O602E	Each	23,70	28,20	37,80	55,10	74,90

SCU

602E



Model for cuts up to R 1400 N/sqmm.
High-resistance steel blades, with screw adjustment.
Tubular steel handles with rubber grips.

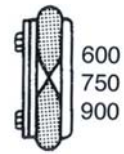
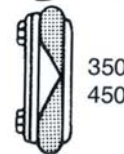
Overall length	mm	350	450	600	750	900
For cut R500 N/mm ² up to Ø	mm	7	8	10	13	16
For cut R1400 N/mm ² up to Ø	mm	5	6	8	10	12
602G	Each	59,10	72,60	93,70	136,00	185,00

Spare heads for Art. 602G.

For iron cutters length	mm	350	450	600	750	900
O602G	Each	36,20	50,60	57,90	81,40	109,00

SCU

602G



Model for cuts up to R 1330 N/sqmm (HRC 40).
High resistance steel blades, with eccentric adjustment.
Tubular steel handles with rubber grips.

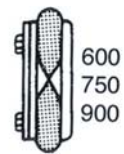
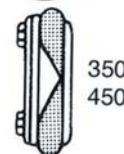
Overall length	mm	350	450	600	750	900
For cut R500 N/mm ² up to Ø	mm	7	8	10	13	16
For cut R1330 N/mm ² up to Ø	mm	5	6	8	9	10
603G	Each	69,30	84,10	106,00	151,00	201,00

Spare heads for Art. 603G.

For iron cutters length	mm	350	450	600	750	900
O603G	Each	45,20	56,20	72,30	91,50	120,00

SCU

603G



Model for cuts up to R 1620 N/sqmm (HRC 48).
High resistance steel blades, with eccentric adjustment.
Tubular steel handles with rubber grips.

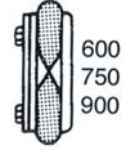
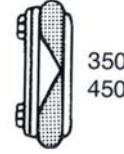
Overall length	mm	350	450	600	750	900
For cut R500 N/mm ² up to Ø	mm	7	8	10	13	16
For cut R1620 N/mm ² up to Ø	mm	5	6	7	8	9
604G	Each	75,90	97,40	124,00	184,00	247,00

Spare heads for Art. 604G.

For iron cutters length	mm	350	450	600	750	900
O604G	Each	59,80	78,00	89,90	118,00	161,00

SCU

604G



Support-type for cuts up to R 1400 N/sqmm.
High resistance steel blades, with screw adjustment.
Tubular steel handle with rubber grip.

Overall length	mm	450	600
For cut R500 N/mm ² up to Ø	mm	8	10
For cut R1400 N/mm ² up to Ø	mm	6	8
612GA	Each	99,70	129,00

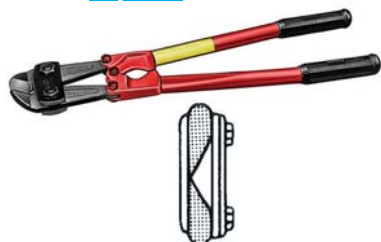
Spare heads for Art. 612 GA.

For iron cutters length	mm	450	600
O612GA	Each	72,30	99,50

SCU

612GA



**612GB** SCU

Angled and flush type for clearcutting up to R 1330 N/sqmm (HRC 40). High resistance steel blades, with eccentric adjustment. Tubular steel handles with rubber grips.

Overall length	mm	450	600
For cut R500 N/mm ² up to Ø	mm	8	10
For cut R1330 N/mm ² up to Ø	mm	6	8
612GB	Each	132,00	153,00

Spare heads for Art. 612 GB.

For iron cutters length	mm	450	600
O612GB	Each	92,50	117,00

612GE GEDORE

Orig. Gedore - Art. 8179 900

Side cutting edges type, suitable for cutting steel wire nets for concrete slabs. Special steel blades. Tubular steel handles. For cuts up to R 1330 N/sqmm.

Overall length	mm	800
For cut R500 N/mm ² up to Ø	mm	9
For cut R1330 N/mm ² up to Ø	mm	8
612GE	Each	258,00

Spare heads for Art. 612 GE.

O612GE	Each	198,00
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612GL SCU

Prod. SCU

Support-type for cuts up to R 1400 N/sqmm.

High resistance steel blades, with screw adjustment.

Tubular steel handle with rubber grip. Base made from sturdy sheet steel with anchor holes. Length 540mm.

Overall length as open	mm	600
For cut R500 N/mm ² up to Ø	mm	10
For cut R1400 N/mm ² up to Ø	mm	8
612GL	Each	344,00

Spare heads for Art. 612 GL.

O612GL	Each	36,20
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THREADED BAR CUTTERS**612GT** SCU

Prod. SCU

Type of support for cutting threaded rods made of steel (not stainless steel) with resistance of up to R 600 N/mm².

With blades in special steel, sharpened for precision cutting without damaging the thread.

In sturdy sheet steel with lever handle coated in rubber.

Length 680 mm, width 235 mm.

Cutting guide adjustable up to 650 mm, that can be positioned on the left or right side of the body.

For cuts Ø	M	6 - 7 - 8 - 10
612GT	Each	601,00

Spare blades for Art. 612 GT.

O612GT	Per pair	157,00
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ELECTRICAL CABLE CUTTERS**613** SCU INOX

Prod. SCU

POCKET model in STAINLESS steel.

Strong plastic coated handles.

With opening spring and latch pin.

Suitable for cutting copper, aluminium and multiple insulating wire.

Overall length	mm	170
For Cu and Al cable up to Ø	mm	10
For Cu - Al cables max. sect.	mm ²	24
613	Each	15,30

613G SCU

PROFESSIONAL model in special forged steel.

Suitable for cutting copper and aluminium cables and multiple insulating wire.

Its special blade shape makes cutting extremely easy.

Dual-component handles for comfortable and safe gripping.

Overall length	mm	160	210
For Cu and Al cables up to Ø	mm	12	20
For Cu - Al cables max. sect.	mm ²	35	60
613G	Each	29,60	44,30



Professional model made from special steel, hardened and ground.
For cutting copper wire, aluminium and multiple insulations.
The specific shape of the blades allows you to make really powerful cuts.
With ergonomic handles, insulated, and made of sturdy plastic.

Overall length	mm	180
For Cu and Al cables up to	mm	24
613GB	Each	48,10

SCU

613GB



HIGHLY-PROFESSIONAL model in special forged steel with inductive hardening. Suitable for cutting and stripping of copper and aluminium cables and multiple insulating wire. Its specially shaped and finely serrated blades make cutting extremely easy.
Burnished finish, plastic-coated handles.

Overall length	mm	160
For Cu and Al cable up to Ø	mm	16
For Cu - Al cables max. sect.	mm ²	50
613GE	Each	32,70

SCU

613GE



HIGHLY-PROFESSIONAL model in special forged steel with inductive hardening. Suitable for cutting and stripping of copper and aluminium cables and multiple insulating wire. Its specially shaped blades make cutting and stripping extremely easy.
Burnished finish, plastic-coated handles. Opening spring and the closing latch.

Overall length	mm	170
For Cu and Al cable up to Ø	mm	12
For Cu - Al cables max. sect.	mm ²	35
For wires	n° x Ø mm	3x1,5 to 5x2,5
613GM	Each	77,60

SCU

613GM



In CHROME VANADIUM steel. Chrome finish, insulated handles. With ratchet pin. Suitable for cutting copper and aluminium cables and multiple insulating wire.

Overall length	mm	230
For Cu and Al cable up to Ø	mm	15
For Cu - Al cables max. sect.	mm ²	50
614B	Each	83,20

SCU

614B



HIGHLY-PROFESSIONAL model in special forged steel with inductive hardening. Suitable for cutting and stripping of copper and aluminium cables and multiple insulating wire. Its specially shaped and finely serrated blades make cutting extremely easy.
Burnished finish, plastic-coated handles.

Overall length	mm	210
For Cu and Al cable up to Ø	mm	25
For Cu - Al cables max. sect.	mm ²	70
614G	Each	47,50

SCU

614G



Light, high performance type. Special additionally hardened steel blades.
The special shape of its blades together with a favourable lever ratio make cutting extremely easy.
Sturdy aluminium alloy handle with bi-component grips.
Suitable to cut copper and aluminium cables and multiple insulation wire.

Overall length	mm	500
For Cu and Al cables up to Ø	mm	27
For Cu - Al cables max. sect.	mm ²	150
Weight	Kg	1,1
615G	Each	188,00

SCU

615G



Spare blades available on request.

Orig. Marvel

High-resistance steel head.
Aluminium alloy corrugated arms with plastic coated handles.
Suitable for cutting copper and aluminium cables and multiple insulating wire.

Overall length	mm	450	600	800
For Cu and Al cable up to Ø	mm	26	35	50
For Cu - Al cables max. sect.	mm ²	150	250	500
Weight	Kg	1,1	1,5	2,9
616G	Each	207,00	255,00	419,00



616G



Spare blades for Art. 616 G.

For cable cutter length	mm	450	600	800
O616G	Per pair	140,00	158,00	231,00



616GV



High resistance steel head.
Glass fiber corrugated arms with plastic coated handles. High voltage insulation tests. Very light execution assures continuous working without fatigue. Maximum stability at extreme temperature range.
Suitable for cutting copper and aluminium cables and multiple insulating wire.

Overall length	mm	460	610
For Cu and Al cable up to Ø	mm	14	18
For Cu - Al cables max. sect.	mm ²	150	250
Weight	Kg	0,980	1,5
616GV	Each	256,00	318,00

Spare blades for Art. 616 GV.

For cable cutter length	mm	460	610
O616GV	Per pair	137,00	152,00

617G

BAUDAT

**Orig. Baudat - Art. 80-415/413/429 (Mod. E1/E2/E3)**

High resistance steel head.
Shaped tubular steel arms and ergonomic handles.
CHROME VANADIUM blades with shaped cutting edges to increase cutting capacity and allow perfect cutting without deformation.
Suitable for cutting copper and aluminium cables.
With "GS" approval of the German security organization.

Overall length	mm	360	530	780
For Cu and Al cable up to Ø	mm	20	35	50
Weight	Kg	0,65	1,4	2,7
617G	Each	108,00	184,00	259,00

**When running out of stock, the 360mm size
will be supplied with arms in unpainted stainless steel tube.**

Spare head for Art. 617 G.

For cable cutter length	mm	360	530	780
O617G	Each	93,20	143,00	216,00

617GA

BAUDAT



BT AC 1000 V
electric

Orig. Baudat - Art. 80-417/409/411 (Mod. E1/E2/E3)

High resistance steel head.
Shaped tubular steel arms and ergonomic handles.
CHROME VANADIUM blades with shaped cutting edges increase cutting capacity and allow perfect cutting without deformation.
Suitable for cutting copper and aluminium cables. Insulation up to 1000 V, tested to IEC 900.
"GS" tested tool by the German Safety Board.

Overall length	mm	360	530	780
For Cu and Al cable up to Ø	mm	20	35	50
Weight	Kg	0,8	1,9	3,2
617GA	Each	179,00	236,00	384,00

Spare heads, see Art. 0617 G.

ELECTRICAL CABLE CUTTERS WITH RATCHET

617GB

BAUDAT

**Orig. Baudat - Art. 80-152/155 (Mod. K24/K32)**

Rack-type with ratchet mechanism.
Extra-high resistance CHROME-VANADIUM steel head, reinforced arms and ergonomic grips.
Particularly light and easy to handle.
With pull-back spring. Easy and progressive cutting with one hand.
Suitable to cut copper and aluminium cables (not suitable for fine wires or cables reinforced with steel and aluminium alloys).

Overall length	mm	290	305
For Cu and Al cable up to Ø	mm	24	32
Weight	Kg	0,8	0,9
617GB	Each	311,00	331,00

Spare blade rack type for Art. 617 GB.

For cable cutter length	mm	290	305
O617GB 1	Each	81,40	141,00

Spare blade without rack for Art. 617 GB.

For cable cutter length	mm	290	305
O617GB 2	Each	63,80	124,00



Orig. Baudat - Art. 80-163 (Mod. K2)

Rank-type with ratchet.
 Forged head, reinforced steel arms and ergonomic handles.
 Return spring. One-hand easy and progressive cut.
 Suitable for cutting copper and aluminium cables (not suitable for cutting thin cables or steel/aluminium alloys armoured cables).

Overall length	mm	330
For Cu and Al cable up to Ø	mm	30
Weight	Kg	1,05
617GC	Each	146,00

Product running out of stock.

Spare blade, rack-type, for Art. 617 GC.

O617GC 1	Each	62,50
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Product running out of stock.

Spare blade, without rack, for Art. 617 GC.

O617GC 2	Each	39,10
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Product running out of stock.

BAUDAT

617GC



Orig. Baudat - Art. 80-151 (Mod. ER80)

Manual and ratchet combined model.
 Rapid manual clamping followed by automatic operation of the ratchet mechanism to facilitate and complete the cut. Extra-high resistance CHROME-VANADIUM steel head.
 Shaped tubular steel arms and ergonomic handles.
 Suitable to cut copper and aluminium cables (not suitable for fine wires or cables reinforced with steel and aluminium alloys).

Overall length	mm	900
For Cu and Al cable up to Ø	mm	80
Weight	Kg	5
617GF	Each	888,00

Spare blade rack type for Art. 617 GF.

O617GF 1	Each	300,00
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Spare blade without rack for Art. 617 GF.

O617GF 2	Each	248,00
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BAUDAT

617GF



Orig. Baudat

Rack-type with ratchet mechanism. Closed blade cut.
 Extra-high resistance CHROME-VANADIUM steel head, reinforced sheet arms and ergonomic grips.
 With pull-back spring. Easy and progressive cutting with one hand.
 Suitable for cutting copper and aluminium cables (not suitable for fine wires or reinforced steel cables and aluminium alloys).

Overall length	mm	240	310
For Cu and Al cable up to Ø	mm	40	55
Weight	Kg	0,7	1,5
Supplier code		80-058 (Mod. SC 40)	80-057 (Mod. SC 55)
617GLA	Each	310,00	368,00

Spare knives supplied on request.

BAUDAT

617GLA



Orig. Baudat - Art. 80-905/900/903 (Mod. HC38/HC92)

Rack-type with ratchet mechanism. Closed blade cut.
 Extra-high resistance CHROME-VANADIUM steel head, long arms made of shaped tubular steel and ergonomic grips.
 With pull-back spring. Easy and progressive cutting.
 Suitable to cut copper and aluminium cables (not suitable for fine wires or cables reinforced with steel and aluminium alloys).

Overall length	mm	420	630
For Cu and Al cable up to Ø	mm	38	92
Drive ratio		1:60	1:60
Weight	Kg	1,1	3,6
617GP	Each	270,00	887,00

Size mm 420 running out of stock.

Spare blade rack type for Art. 617 GP.

For cable cutter length	mm	420	630
O617GP 1	Each	170,18	197,00

Size mm 420 running out of stock.

Spare blade without rack for Art. 617 GP.

For cable cutter length	mm	420	630
O617GP 2	Each	82,48	149,00

Size mm 420 running out of stock.

BAUDAT

617GP



**617GPA** **BAUDAT****Orig. Baudat - Art. 80-067 (Mod. SCZ 55)**

Rack-type with ratchet mechanism. Closed blade cut.
Extra-high resistance CHROME-VANADIUM steel head, long arms made of shaped tubular steel and ergonomic grips.

With pull-back spring. Easy and progressive cutting.

Suitable for cutting copper and aluminium cables (not suitable for fine wires or reinforced steel cables and aluminium alloys).

Overall length mm 430

For Cu and Al cable up to Ø mm 55

Weight Kg 1,6

617GPA Each **403,00**

When running out of stock, the cable cutter will be supplied with arms in unpainted stainless steel tube.
Spare knives supplied on request.

617GQ **BAUDAT****Orig. Baudat - Art. 80-912 (Mod. HCF75)**

Rack-type with ratchet mechanism. Long straight blades to cut flat cables without deformation.
Extra-high resistance CHROME-VANADIUM steel head, arms made of shaped tubular steel and ergonomic grips.

For flat copper and aluminium cables. Width: 75mm. 4x25 mm² section (not suitable for thin and flexible wires).

Overall length mm 525

Drive ratio 1:60

Weight Kg 1,7

617GQ Each **531,00**

Shears for ribbon cables, see Art. 709 GS.

Spare blade rack type for Art. 617 GQ.

O617GQ 1 Each **267,00**

Spare blade without rack for Art. 617 GQ.

O617GQ 2 Each **273,00**

ELECTRICAL CABLE CUTTERS WITH RATCHET MECHANISM**617GR** **BAUDAT****Orig. Baudat - Art. 80-051 (Mod. SR52)**

Stationary model, with ratchet.

High-resistance steel body.

Forged blades.

Operating lever with ergonomically designed handle.

Ideal for use in workshop or to cut cables in coils.

High cutting performances with small effort of power required.

For Cu and Al cable up to Ø mm 52

Weight Kg 8,3

617GR Each **985,00**

Spare blade rack type for Art. 617 GR.

O617GR 1 Each **189,00**

Spare blade without rack for Art. 617 GR.

O617GR 2 Each **164,00**

OIL-HYDRAULIC CABLE CUTTERS FOR ELECTRICAL CABLES**617GS** **BAUDAT****Orig. Baudat - Art. 60-153 (Mod. HS3D)**

Hydraulic-operated leveraged model.

Special steel body, forged head.

Easy cut, high cutting power for copper and aluminium cables.

Sturdy and easy to handle.

Clamping force approx. 35KN at 500 BAR.

Overall length mm 600

For Cu and Al cable up to Ø mm 50

Weight Kg 5,6

617GS Each **3.120,00**

Spare blades for Art. 617 GS - 617 GSA.

O617GS Per pair **571,00**

HAND-OPERATED CUTTERS FOR STEEL WIRE ROPES**618GM** **SCU****Prod. SCU**

High resistance steel head. Body in heavy steel sheet.

Opening spring. Plastic coated handles. Suitable for cutting steel wire ropes.

Blades with triangular cutting edges increase cutting capacity and assure quick and precise cuts without deformations.

Suited to steel wire ropes up to Ø 3mm and copper wire up to Ø 6mm.

Overall length mm 190

618GM Each **21,80**



Orig. Baudat - Art. 80-416/414/428 (Mod. ES1/ES2/ES3)

Head made of high resistance CHROME VANADIUM steel. Shaped tubular steel arms and ergonomic grips. Blades with triangular profile assure quick and precise cuts without deformations.

Suitable for cutting flexible steel wire ropes (not suitable for high compressed and rigid wire ropes). "GS" tested tool by the German Safety Board.

Overall length	mm	350	500	720
For steel ropes up to Ø	mm	6	10	14
Weight	Kg	0,6	1,3	2,3
618GR	Each	146,00	243,00	331,00

When running out of stock, the 350mm size will be supplied with arms in unpainted stainless steel tube.

Spare head for Art. 618 GR.

For shears length	mm	350	500	720
O618GR	Each	144,00	223,00	340,00

BAUDAT



618GR



Prod. SCU

Double lever type.

High resistance steel heads, for ropes with extra hardened hardened steel wires (NOT SUITABLE FOR STAINLESS STEEL) and ACSR cables. Arms in shaped steel tube with handles covered in non-slip rubber.

Blades with a wrap-around profile for the perfect locking and cutting of the ropes.

Overall length	mm	750	900
For steel ropes up to Ø	mm	14	16
For ACSR cables up to Ø	mm	7,8	8,6
Weight	Kg	3,85	4,60
618GV	Each	260,00	354,00

SCU

618GV
new



HAND OPERATED CUTTERS FOR WIRE ROPES AND ELECTRICAL CABLES

Orig. Gedore - Art. 8320 JC

With interchangeable blades made of sintered HSS, for high performance and durability. The ease of cutting prevents the rope from getting crushed and allows the use of just one hand.

Special geometry blades, with hardness up to HRC 62-65. With 2 profiles to tighten the rope closing terminals. Handles, in bi-component material.

Overall length	mm	220
For steel ropes 1800 N/mm ² with Ø up to	mm	6
For steel ropes 750 N/mm ² with Ø up to	mm	4
For multiwire electric cables	mm	6
619E	Each	138,00

Series of spare parts for Art. 619 E, consisting of 2 knives, 2 TORX screws and 1 TORX spanner.

O619E	Series	33,50
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GEDORE

619E



Orig. Marvel

Special steel heads. For steel wire ropes and electrical cables with steel core.

Aluminium alloy corrugated arms with plastic-coated handles.

Blades encircling profile assures a perfect wire rope cutting.

Overall length	mm	310	450	600
For steel ropes up to Ø	mm	6	9	14
For electr. cable max. sect	mm ²	15	90	120
Weight	Kg	0,7	1,1	1,8
619G	Each	188,00	240,00	288,00

Spare blades for Art. 619 G.

For shears length	mm	310	450	600
O619G	Per pair	140,00	158,00	169,00



619G



High resistance steel head 65 HRC. Suitable for ropes with extra strong steel wires and electrical cables with steel core. Aluminium alloy corrugated arms with plastic-coated handles.

Blades encircling profile assures a perfect wire rope cutting.

Overall length	mm	600
For steel ropes up to Ø	mm	16
For harmonic steel up to Ø	mm	4,5
For electr. cable max. sect	mm ²	150
Weight	Kg	2,3
619GM	Each	545,00

Spare blades for Art. 619 GM.

O619GM	Per pair	349,00
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619GM



**619GMD** SCU

new

**Prod. SCU**

High resistance steel heads, for ropes with extra-hard steel wires and electric cables with steel core. Arms in shaped steel tube with handles covered in non-slip rubber.

Blades with a wrap-around profile for the perfect cutting of ropes and cables.

Overall length	mm	710
For steel ropes up to Ø	mm	16
For harmonic steel up to Ø	mm	4,5
For ACSR cables max sect.	mm ²	120
For electr. cable max. sect	mm ²	250
Weight	Kg	2,2

619GMD	Each	165,00
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WIRE ROPE CUTTERS WITH RATCHET MECHANISM**619GMZ**

new

BAUDAT

**Orig. Baudat - Art. 80-153 (Mod. KS10)**

Rack-type with ratchet mechanism. Extra-high resistance CHROME-VANADIUM steel head, reinforced arms and ergonomic grips. Particularly light and easy to handle.

With pull-back spring. Easy and progressive cutting with one hand.

Suitable to cut flexible steel ropes (not suitable for highly compressed and rigid ropes).

Overall length	mm	275
For steel ropes up to Ø	mm	10
Weight	Kg	0,8

619GMZ	Each	349,00
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Spare knife with rack for Art. 619 GMZ.

O619GMZ 1	Each	143,00
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Spare knife without rack for Art. 619 GMZ.

O619GMZ 2	Each	127,00
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619GP

BAUDAT

**Orig. Baudat - Art. 80-156 (Mod. KS13)**

Rack-type with ratchet mechanism. Extra-high resistance CHROME-VANADIUM steel head, reinforced arms and ergonomic grips. Particularly light and easy to handle.

With pull-back spring. Easy and progressive cutting with one hand.

Suitable to cut flexible steel ropes (not suitable for highly compressed and rigid ropes).

Overall length	mm	285
For steel ropes up to Ø	mm	13
Weight	Kg	1

619GP	Each	355,00
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Spare blade rack type for Art. 619 GP.

O619GP 1	Each	168,00
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Spare blade without rack for Art. 619 GP.

O619GP 2	Each	142,00
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619GR

BAUDAT

**Orig. Baudat - Art. 80-106 (Mod. VCS22)**

Rack-type with ratchet mechanism. Closed blade cut. Extra-high resistance CHROME-VANADIUM steel head, sheet reinforced arms and ergonomic grips. With pull-back spring. Easy and progressive cutting with one hand. Suitable to cut flexible steel ropes (not suitable for highly compressed and rigid ropes).

Double feed speed and cutting device.

Overall length	mm	290
For steel ropes up to Ø	mm	16
Drive ratio		1:50
Weight	Kg	1

619GR	Each	458,00
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Product running out of stock.

Spare blade rack type for Art. 619 GR.

O619GR 1	Each	243,00
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Product running out of stock.

619GRA

BAUDAT

**Orig. Baudat - Art. 80-059 (Mod. SCS18)**

Rack-type with ratchet mechanism. Closed blade cut. Extra-high resistance CHROME-VANADIUM steel head, sheet reinforced arms and ergonomic grips. With pull-back spring. Easy and progressive cutting with one hand. For cutting flexible and rigid steel cables.

Overall length	mm	317
For flexible steel ropes up to Ø	mm	18
For stiff steel ropes up to Ø	mm	15
Weight	Kg	1,7

619GRA	Each	545,00
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Spare knives supplied on request.



Orig. Baudat - Art. 80-068 (Mod. SCSZ20)

Rack-type with ratchet mechanism. Closed blade cut. Extra-high resistance CHROME-VANADIUM steel head, long tubular steel arms and ergonomic grips. With pull-back spring. Easy and progressive cutting with reduced effort. For cutting flexible and rigid steel cables.

Overall length	mm	440
For flexible steel ropes up to Ø	mm	20
For stiff ropes up to Ø		16
Weight	Kg	1,9

619GSA	Each	654,00
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When running out of stock, the cable cutter will be supplied with arms in unpainted stainless steel tube. Spare knives supplied on request.

HYDRAULIC CUTTERS FOR WIRE ROPES

Orig. Baudat - Art. 60-107 (Mod. HS3D)

Hydraulic working with leverage mechanism. Special steel body, forged head. Easy and powerful cut of flexible steel wire ropes (not suitable for high compressed and rigid wire ropes). Sturdy, handy and easy to use. Clamping force approx. 35 KN at 500 BAR.

Overall length	mm	500
For steel ropes up to Ø	mm	22
Weight	Kg	4,1

620GE	Each	3.170,00
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Spare blades for Art. 620 GE.

O620GE	Per pair	499,00
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IMPACT CUTTERS CUTTERS FOR WIRE ROPES

Prod. SCU

Percussion model, with anti-chipping edge. Fixing holes for workbench mounting (Art. 624 GA 19 excluded). Practical, light, handy. Suitable for site working. Cutting blades in special steel, hardened and ground.

For steel ropes up to Ø	mm	19	27	38
Base Ø	mm	90	160	200
Height	mm	170	185	230
Weight	Kg	3,6	7,7	12,7

624GA	Each	271,00	462,00	773,00
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SPARES FOR CUTTERS ART. 624 GA

Spare blade for Art. 624 GA 19.

O624GA 1	Each	48,20
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Spare blade for Art. 624 GA 27.

O624GA 2	Each	48,20
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Spare blade for Art. 624 GA 38.

O624GA 3	Each	62,50
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Pair of spare blade-guide for Art. 624GA 19.

O624GA 4	Per pair	59,60
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Pair of spare blade-guide for Art. 624GA 27.

O624GA 5	Per pair	106,00
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Pair of spare blade-guide for Art. 624GA 38.

O624GA 6	Per pair	148,00
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SCU 624GA



Hydraulic-operated leveraged model. Fixing holes for workbench mounting. Suitable also for underwater operation.

Cutting blades in special steel, hardened and ground.

For steel ropes up to Ø	mm	28	44
Dimensions	mm	355x105x177	470x127x230
Weight	Kg	12	24

624GE	Each	3.370,00	5.030,00
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SCU 624GE



SPARES FOR CUTTERS ART. 624 GE

Spare blade for Art. 624 GE 28.

O624GE 1	Each	86,30
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Spare blade for Art. 624 GE 44.

O624GE 2	Each	109,00
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Pair of spare blade-guide for Art. 624GE 28.

O624GE 3	Per pair	146,00
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Pair of spare blade-guide for Art. 624GE 44.

O624GE 4	Per pair	236,00
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PINCERS

626G

SCU



Prod. SCU

Square shoulder model. DIN ISO 9243. In forged steel. Hardened head and cutting edges. Finely enamelled. Top quality.

Overall length	mm	160	180	210	225
626G	Each	9,58	11,10	13,10	15,00

627G

GEDORE



Orig. Gedore - Art. 8381 TL

Square shoulder model. DIN ISO 9243 A. In forged steel. Oil-hardened head, additionally induction hardened cutting edges, hardness 62 HRC. Finely enamelled, plastic-coated handles. HIGH quality for high performance.

Overall length	mm	180	200	225	250
627G	Each	21,40	22,50	25,90	29,50

630E

SCU



Prod. SCU

Standard model for cement layers. In steel. Hardened head and cutting edges.

Overall length	mm	220	250
630E	Each	5,10	6,54

630G

SCU



Type for cement layers. DIN ISO 9242.

In forged steel. Hardened head and cutting edges. Finely enamelled. Top quality.

Overall length	mm	190	220	250	280	300
630G	Each	17,30	17,50	20,30	23,30	26,30

630GF

SCU



For cementers. DIN ISO 9242.

MILLED HINGE ALIGNED WITH HANDLES, particularly strong and guided. In forged steel. Hardened head and cutters. Finely painted. Extra quality.

Overall length	mm	220	250	280	300
630GF	Each	17,70	20,10	23,10	26,70

631G

GEDORE



Orig. Gedore - Art. 8380 TL

Type for cement layers. DIN ISO 9242 A.

In forged steel. Oil-hardened head, additionally induction hardened cutting edges, hardness 62 HRC. Finely enamelled, polished head, handy, elastic, plastic-coated handles. HIGH quality for high performance.

Overall length	mm	220	250	280
631G	Each	23,20	25,70	29,80

631P

SCU



Prod. SCU

Belt pincers holders

631P	Each	4,30
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BLACK SMITH'S TONGS

635A

SCU



Prod. SCU

In forged steel, enamelled.

Type with flat straight noses.

Overall length	mm	400	500	600
635A	Each	62,60	67,10	71,60

635B

SCU



Product description as Art. 635A

Type with flat bent noses.

Overall length	mm	400	500	600
635B	Each	62,60	67,10	71,60

635C

SCU



Product description as Art. 635A

Type with round noses.

Overall length	mm	400	500	600
635C	Each	62,60	67,10	71,60



Product description as Art. 635A

Type with corrugated noses and longitudinal cutting.

Overall length	mm	400	500	600
635D	Each	62,60	67,10	71,60

SCU

635D



Product description as Art. 635A

Type with plug noses.

Overall length	mm	400	500	600
635E	Each	62,60	67,10	71,60

SCU

635E



When stocks are depleted, we will provide pliers with handles in different form.

SAFETY SCISSOR

Prod. SCU

Type ANTI ACCIDENT SAFECUT with rounded tips and special blade sharpening. Blades made of stainless steel, coated handles two-component material. Suitable for cutting paper, cardboard, foils and plastic strapping, tissues, etc.

Symmetric handles.

Overall length	mm	150
638A	Each	22,60

SCU

INOX

638A



Product description as Art. 638A

Asymmetrical handles.

Overall length	mm	220	285
638E	Each	25,60	47,80

SCU

INOX

638E



Product description as Art. 638A

Multipurpose execution with wire cutters notch, bottle opener / pipe wrench. symmetric handles.

Overall length	mm	215
638G	Each	32,30

SCU

INOX

638G



HOUSEHOLD SCISSORS

Prod. SCU

In forged steel. Finely nickel finish.

Overall length	mm	125	150	175	200
640	Each	6,36	7,04	7,36	9,30

Dimension 200mm with asymmetric handles.

SCU

640



Stainless steel type. Fine quality.

Asymmetrical handles sheathed with nontoxic plastic.

Overall length	mm	220
642	Each	11,10

SCU

INOX

642



Merchant type.

In forged steel, nickel-plated, with rounded tips.

Overall length	mm	125	150
643	Each	6,36	7,04

SCU

643





PAPER SCISSORS

644

SCU



Prod. SCU

In forged steel. Finely nickel finish.

Overall length	mm	250
644	Each	10,30

644F

SCU

160



210-250



Value for money type, made of steel, with hardened cutting edge.

Sturdy hinge, well sized.

Asymmetrical handles (210 mm and 250) and symmetrical handles (160 mm), coated with two-component material.

Overall length	mm	160	210	250
644F	Each	4,72	5,78	8,62

644G

SCU

INOX



Professional stainless steel type, hardened cutting edges.

Adjustable screw hinge.

Asymmetrical handles sheathed with soft dual component material.

Top quality.

Overall length	mm	210	260
644G	Each	24,50	30,30

TAILOR AND CARPET SCISSORS

644P

SCU

INOX



Prod. SCU

Professional model made from stainless steel, special hardened and sharpened cutters for a more accurate and special cut in less time. Increased hinge, adjustable screw. Asymmetric handles coated in dual component material. Extra quality. Particularly suitable for cutting heavy fabrics, upholstery, carpets, etc.

Overall length	mm	285
644P	Each	46,40

ALL USES SHEARS

646

SCU



Prod. SCU

Perfect cut, multipurpose.

Used as bottle opener, pipe wrench, screwdriver, etc.

Finely lacquered.

Overall length	mm	200
646	Each	17,80

MULTI-PURPOSE SHEARS

646E

SCU



Prod. SCU

Professional type with TITANIUM-coated special steel blades for longer life. Asymmetrical handles covered with soft dual component material.

Suited to cut paper, cardboard, sheet metal, thin rubber and plastic etc.

Overall length	mm	175
646E	Each	4,08

646F

SCU



Professional type with TITANIUM-coated special steel blades for longer life. Asymmetrical handles covered with soft dual component material.

Suited to cut paper, cardboard, sheet metal, rubber and plastic etc.

Overall length	mm	205	235
646F	Each	4,54	5,14

SCISSORS FOR LEATHER

647P

SCU



Prod. SCU

Special model to cut leather and skins. In forged steel.

Finely polished blades. Enamelled handles.

Overall length	mm	210	260
647P	Each	24,50	31,60



SCISSORS FOR RUBBER

Prod. SCU

Special model to cut rubber and by-products.
In forged steel. Nickel-plated single edge blades. Enamelled grip.

Overall length	mm	200	225
647S	Each	12,80	13,60

SCU



647S

SERVING SCISSOR

Prod. SCU

Type to cut common Kevlar.
Stainless steel blades, one finely toothed, with hardening treatment. Adjustable screw hinge. Asymmetrical handles covered with reinforced plastic material.

Overall length	mm	210
648	Each	30,60

Product running out of stock.

SCU

INOX

648



Special model for cutting glass and carbon fibres.

Stainless steel blades, finely toothed, with hardening and sharpening treatments for providing a more accurate, special cut in less time. Increased hinge, adjustable screw. Asymmetric handles coated in dual component material.

Extra quality.

Overall length	mm	285
648A	Each	59,20

SCU

INOX

648A

Per fibra vetro e carbonio



Special model for cutting aramid fibres.

Stainless steel blades, both finely toothed, with hardening and sharpening treatments for providing a more accurate, special cut in less time. Increased hinge, adjustable screw. Asymmetric handles coated in dual component material.

Extra quality.

Overall length	mm	285
648B	Each	62,30

SCU

INOX

648B

Per fibre aramidiche



Orig. Textilia Solingen

Special model to cut high-resistance synthetic fibers such as: aramid, glass fibers, carbon fibers, etc. Special steel blades, finely serrated cutting edge. PTFE-S sheathed blades. Asymmetrical handles sheathed in PVC.

With rounded tips.

Overall length	mm	210	260
648G	Each	143,00	213,00



648G

Per fibre sintetiche



Special model to cut high-resistance synthetic fibers such as:

aramid, glass fibers, carbon fibers, etc. Special steel blades, finely serrated cutting edge. PTFE-S sheathed blades. Universal model with straight handles sheathed in PVC.

With sharp-pointed tips.

Overall length	mm	210
649G	Each	144,00



649G

Per fibre sintetiche



ELECTRICIAN'S SCISSORS

Prod. SCU

Straight blades.

Forged and hardened steel. Fine nickel plated finish. Screw adjusting. Wire cutter. Serrated blade.

Overall length	mm	125
651A	Each	7,46

SCU

DIRITTE

651A



Curved blades.

Forged and hardened steel. Fine nickel plated finish. Screw adjusting. Wire cutter. Serrated Standard quality.

Overall length	mm	125
655A	Each	7,84

SCU

CURVE

655A





656A

SCU

DIRITTE



Straight blades.
Forged and hardened steel. Fine nickel plated finish. Screw adjusting. Wire cutter. Serrated blade.
Plastic coated rings.
Standard quality.

Overall length	mm	125
656A	Each	8,20

656A 3

SCU

DIRITTE



Product description as Art. 656A
Super quality, with thick plasticized rings.

Overall length	mm	140
656A 3	Each	8,68

656B

SCU

DIRITTE



Product description as Art. 656A
Extra quality, with thick plasticized rings.

Overall length	mm	140
656B	Each	9,80

656E

SCU

DIRITTE



Model with straight blades.
Forged and hardened steel. Fine nickel plated finish. screw pin. Toothed blade.
Extra quality, with thick plastic coated rings. Smooth blades, milled, burnished.

Overall length	mm	140
656E	Each	10,30

656F

SCU

INOX

DIRITTE



Straight model. For heavy duty work. INTEGRAL structure made from fully forged and tempered stainless steel including outlet rings. Insulated handles, in bi-component material. Screw clamp with sturdy zipper.

Milled blades, with cutting shears and 1 micro tooth to provide maximum cutting ease; hardness HRC 56.

Overall length	mm	140
656F	Each	16,50

656L

SCU

INOX

DIRITTE



Product description as Art. 656F
Milled blades including 1 Microtoothed for optimum ease of cutting and throat wire-cutter / hardness HRC 56

Overall length	mm	140
656L	Each	17,20

656P

SCU

INOX

DIRITTE



Model with straight blades. Stainless steel blades, handles sheathed in synthetic resin. Wire cutter and wire stripper. Finely serrated blade provides a very good ease of cutting.

Overall length	mm	145
656P	Each	7,82

656R

SCU

INOX

DIRITTE



Professional straight model. STAINLESS steel very hard blades. Handles sheathed in dual-component material with ring end inserts for a more comfortable grip. Screw adjusting. Sturdy adjustable joint. Wide wire cutter and wire stripper. Finely serrated blade provides a very good ease of cutting.

Overall length	mm	150
656R	Each	14,10

656T

SCU

INOX

DIRITTE



Extra professional model with straight blades. Thick stainless steel blades. Handles sheathed in nylon give a comfortable and positive grip and reduce the effort when cutting. Screw adjusting. Sturdy adjustable joint. Wire cutter and wire stripper. Finely serrated blade provides a very good ease of cutting.

Overall length	mm	140
656T	Each	13,50



Curved blades. Forged and hardened steel.
 Fine nickel plated finish. Screw adjusting. Wire cutter.
 Serrated blade. Plastic coated rings.
 Standard quality.

Overall length	mm	125
657A	Each	8,52



657A

Product description as Art. 657A
 Super quality, with thick plasticized rings.

Overall length	mm	140
657A 3	Each	9,36



657A 3

Product description as Art. 657A
 Extra quality, with thick plasticized rings.

Overall length	mm	140
657B	Each	12,60



657B

For telephonists. Forged and hardened steel. Fine nickel plated finish. Screw adjusting. Wire cutter. Serrated blade. Plastic coated rings.

Overall length	mm	140
661	Each	8,12



661

SAFETY CASES FOR SCISSORS

Prod. SCU

In flexible and durable nylon. With attaching belt clip. Suitable for shears as for Art. 656 E - F - P - R - T.

661L	Each	4,34
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661L

CLASP KNIVES FOR ELECTRICIANS

Prod. SCU

Model with wooden handle and steel blade with wire stripper.
 Open overall length 195mm. Blade length 85mm.

662	Each	7,52
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662

Model with unbreakable plastic handle and steel blade with wire stripper.
 Open overall length 195mm. Blade length 85mm.

662B	Each	6,38
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662B

Model with unbreakable plastic handle and stainless steel blade with wire stripper.
 Open overall length 195mm. Blade length 85mm.

662C	Each	7,66
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662C

Model with unbreakable plastic handle and steel blade with wire stripper.
 Open overall length 195mm. Blade length 85mm.

662E	Each	7,08
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662E

Orig. Marvel

Model with precious hard wood handle and brass reinforcements.
 Stainless steel blade with long life sharpening and latch.
 Open overall length 195mm. Blade length 85mm.

662GP	Each	45,40
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662GP



CABLE DISMANTLE KNIVES

662R

SCU



Prod. SCU

Industrial knives. Carbon steel blade. Thickness: mm 5. Rubber handle.
Suited to remove thick insulating sheath. To be used with nylon hammerings.
Overall length 200mm. Blade length 85mm.

662R Each 30,50

POCKET CLASP KNIVES

662S

SCU

INOX



Prod. SCU

Universal model. Unbreakable plastic handle and stainless steel blade.
Open overall length 195mm. Blade length 85mm.

662S Each 7,38

662T

SCU

INOX



Universal model. Wooden handle and stainless steel blade.
Blade brass housing.

Overall length as open	mm	180
Blade length	mm	85

662T Each 19,10

662TA

SCU

INOX



Universal model. Hard wood handle and brass reinforcements.
Stainless steel blade. Blade brass housing.
Open overall length 180mm. Blade length 80mm.

662TA Each 36,10

662V

SCU



Universal model, 4-blade, utility. Unbreakable plastic handle and steel blades.
Open overall length 180mm.

662V Each 17,30

662Z

SCU



Universal model, 4-blade, utility. Precious wood handle and steel blades.
Open overall length 185mm.

662Z Each 25,70

CLASP KNIVES

663A

SCU

INOX



Prod. SCU

Universal model. Knurled nylon handles for a safe grip.
Stainless steel blade. Single-hand operated, belt clip for quick accessibility.
Open overall length 165mm. Blade length 70mm.
With single edge blade.

663A Each 61,10

663B

SCU

INOX



Product description as Art. 663A

With finely serrated blade.

663B Each 61,10

CABLE DISMANTLE KNIVES

663GA

SCU



Prod. SCU

Universal, double-blade model. One of the two blades is fixed, with upward tip, serrated edge and finger protection, the other is a thin, retractable safety blade, only operated by keeping the slider pressed. Polyamide handle.

663GA Each 53,80

Spare serrated-edge blade.

O663GA Each 49,30

Pack UNITS with 10 thin safety blades each, supplied in dispenser with a 3mm hex. wrench.

O663GB Pack 22,60



DRAWSPRINGS

Prod. SCU

Hardened steel tape with rounded edges. Ball head with ending hook.
Cross section 3.5x0.5mm.

Tape in rolls by		m	5	10	15	20	30
663T	Each		3,38	4,16	5,46	6,46	9,00

SCU



663T

Round nylon tape, resistant and flexible. Flexible head with ending hook.
Diameter 3mm.

Tape in rolls by		m	5	10	15	20	30
664	Each		5,00	6,54	8,32	10,30	10,90

SCU



664

Product description as Art. 664
Diameter 4mm.

Tape in rolls by		m	5	10	15	20	30
664A	Each		6,02	8,58	11,70	14,80	20,90

SCU



664A

Professional construction.
Interwoven type, tape in polyester. Flexible head with ending hook (threaded connection M5).

Diameter 4.5mm.

Tape in rolls by		m	15	20	30
664GL	Each		72,70	87,10	115,00

SCU



664GL

Product description as Art. 664GL
Diameter 5,2mm.

Tape in rolls by		m	30	50
664GM	Each		90,70	161,00

SCU



664GM

2
664GP

SCU



Professional construction.

Steel tape, polypropylene coated. Highly resistant and flexible.

Very good pushig and traction capacity allows to easily overcome long and even tortuous distances.

Flexible head with ending hook (threaded connection M5).

Diameter 4mm.

Tape in rolls by	m	10	15	20	30
664GP	Each	22,40	28,70	35,10	48,10

664GR

**Orig. Marvel**

Industrial construction.

Interwoven type with steel tape, nylon coated.

Max. pushing and traction capacity allows to easily overcome long and even tortuous distances.

Pointed endings with fixing hole. Unlimited breaking load.

Diameter 6.2mm.

Tape in rolls by	m	30	50
664GR	Each	180,00	292,00

664SA

SCU

**Prod. SCU**

Professional construction.

Fiberglass tape, polypropylene coated.

Remarkable pushig and traction capacity allows to easily overcome long and even tortuous distances.

Threaded ends M5 to install accessories Art. 664 TA 1-2-3-4.

Diameter 3mm.

Without accessories.

Tape in rolls by	m	10	20	30	40
664SA	Each	46,70	82,70	119,00	144,00

664TA 1

SCU



ACCESSORIES FOR ART. 664 SA ALL SIZES AVAILABLE

Suitable also as spare parts and accessories for Art. 664 GL-GM-GP.

Flexible head Ø 6mm with ending hook.

664TA 1	Each	6,36
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664TA 2

SCU



ACCESSORIES FOR ART. 664 SA ALL SIZES AVAILABLE

Pulling hook

664TA 2	Each	2,08
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664TA 3

SCU



ACCESSORIES FOR ART. 664 SA ALL SIZES AVAILABLE

Connection

664TA 3	Each	1,98
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664TA 4

SCU



ACCESSORIES FOR ART. 664 SA ALL SIZES AVAILABLE

Start/end connection

664TA 4	Each	2,08
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664TA 5

SCU



Cable pullers suitable for all drawsprings having Ø 3 to 6mm.

664TA 5	Each	4,50
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DRAWSPRINGS WITH BOX

Prod. SCU

Draw wire Art. 664 SA complete with the following accessories:
 3 pcs. Art. 664 TA 4, 2 pcs. Art. 664 TA 3, 3 pcs. Art. 664 TA 2, 1 pcs. Art. 664 TA 1,
 1 flexible head Ø 7mm with ending hook,
 1 flexible head Ø 10mm with ending hook,
 1 pulling grip, 1 glue for repairs, 1 pcs. Art. 664 TA 5.
 In a sturdy and practical case/holder for easy and handy use.

Tape in rolls by	m	10	20	30	40
664Z	Each	154,00	196,00	207,00	182,00

SCU



664Z

2

REELS FOR RODS

Prod. SCU

Vertical with pre-galvanized steel tube, powder painted for protection against oxidation, rust, etc.
 Locking lever. Ø mm 300, weight 2.3 Kg.
 Suitable for cable pullers Art. 664 to 664 SA all lengths, (except Art. 664 GR).

665	Each	162,00
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SCU



665

LUBRICANT FOR DRAWSPRINGS

Prod. SCU

Spray foam reducing friction up to 80% during wire and cable installation/extraction in special pipes, trays and sheath.
 Biodegradable and non-toxic. 300 ml spray cans. (Packing unit: approx. 12 spray cans).

665A	Each	14,20
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SCU



665A

Lubricant gel reducing friction up to 80% during wire and cable installation/extraction in special pipes, trays and sheath.
 Biodegradable and non-toxic. 1 Kg bottles. (Packing unit: approx. 12 bottles).

665C	Each	15,50
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SCU



665C

LUBE liquid lubricant reducing friction up to 80% during wire and cable installation/extraction in special pipes, trays and sheath.
 Biodegradable and non-toxic. 1 Kg bottles. (Packing unit: approx. 12 bottles).

665E	Each	16,80
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SCU



665E

As for safety gloves for drawsprings operation see Art. 3398 S 5.



ALL USES SNIPS

665T

SCU

INOX



Prod. SCU

Stainless steel blades, synthetic resin coated handles.
With spring and closing latch. 1 serrated blade.
Suitable for cutting cardboard, sheet metal, rubber, plastic, leather, etc.

Overall length	mm	190
665T	Each	15,30

665Z

carolus
by GEODRE

Orig. Carolus - Art. 9160.00/R93300031

Blades in special steel. Handles made from dual component material.
With spring and latch. One serrated blade.
Suitable for cutting paper, cardboard, sheet metal, rubber, plastic, leather, wire, and copper wire as thin as 2 mm.
Strips measuring 1-1, 5-2 mm.

Overall length	mm	200
665Z	Each	31,10

SNIPS FOR JEWELLERS

666

SCU



Prod. SCU

In forged and hardened steel. Enamelled, polished head. Screw adjusting.
Plastic-coated handles.
Straight blades.

Overall length	mm	180
666	Each	12,10

667

SCU



Product description as Art. 666

Curved blades.

Overall length	mm	180
667	Each	12,60

668

SCU



In forged and hardened steel. Enamelled, polished head. Screw adjusting.
Ring-shaped handles, enamelled.
Straight blades.

Overall length	mm	180
668	Each	10,90

669

SCU



Product description as Art. 668

Curved blades.

Overall length	mm	180
669	Each	11,60

HAND CUTTERS

669T

SCU



Prod. SCU

In sturdy sheet steel with handles coated in soft material, and head in special hardened steel, burnished, set at a 45° incline to allow the clamps to be removed more easily without damaging the pipes. With spring.

Overall length	mm	215
669T	Each	55,40

Product running out of stock.

SNIPS FOR SHEETS

670

SCU



Prod. SCU

Model ITALIA.
In hardened steel. Plastic-coated handles.
Suited for sheet steel and sheet iron.

Overall length	mm	220	240	260	280	300
Max cutting depth	mm	0,8	0,9	1	1,1	1,2
670	Each	16,50	18,70	21,30	24,10	26,90

672

SCU



American model

In forged and hardened steel. Plastic-coated handles.
Suited for sheet steel up to HRc 54-56.

Overall length	mm	200	250	300
Max cutting depth	mm	0,8	1	1,2
672	Each	17,90	21,50	27,50



Product description as Art. 672

Overall length	mm	200	250	300	350
Max cutting depth	mm	0,8	1	1,2	1,4
672G	Each	18,10	24,20	30,10	40,60

SCU



672G

American model - Narrow blades for shaping.
In forged and hardened steel. Plastic coated handles.
For sheet steel up to HRc 54-56.

Overall length	mm	200
Max cutting depth	mm	0,7
676	Each	17,80

SCU



676

BAND-IRON SNIPS

Prod. SCU

Model suited to cut bands up to a length of 25mm .
In forged and hardened steel. Plastic coated handles.

Overall length	mm	260
678A	Each	23,60

SCU



678A

SOLO PER REGGE DA IMBALLO

Model suited to cut bands up to 25mm .
In forged and hardened steel. Plastic-coated handles with hand protector, very curved to facilitate the first cutting operation and reduce shear stress. Safety device for blocking the ends of the strap. Spring-action opening.

Overall length	mm	250
678G	Each	27,70

SCU



678G

SOLO PER REGGE DA IMBALLO

With double lever, suitable to cut bands, ACCIDENT PREVENTION spring safety system.
Hardened and forged special steel blades. Shaped sheet steel handles, plastic-coated with hand protector. Spring opening and lock.

Overall length	mm	250
Cutting capacity	mm	25x0,5
678GA	Each	111,00

SCU



678GA

SOLO PER REGGE DA IMBALLO

Model suited to cut bands and sheet.
High resistance steel blades, tubular steel handles with rubber grip.

Overall length	mm	460
Cutting capacity	mm	51x1,2
678GB	Each	195,00

SCU



678GB

SOLO PER REGGE DA IMBALLO

Product description as Art. 678GB

Overall length	mm	650
Cutting capacity	mm	51x1,3
678GE	Each	232,00

SCU



678GE

SOLO PER REGGE DA IMBALLO

SNIPS FOR SHEETS

Prod. SCU

Ideal Model - Reinforced
In hardened steel. For straight and curved cuts, without sheet deformation.
Plastic-coated handles. Suited for sheet iron and sheet steel.

Right-cut blades.

Overall length	mm	270
Max cutting depth	mm	1
679D	Each	27,70

SCU



679D

679S

Product description as Art. 679D

Left-cut blades.

Overall length	mm	270
Max cutting depth	mm	1
679S	Each	27,70



destra sinistra

2
680GD
680GS

SCU



destra sinistra

Ideal Model - Reinforced
In forged and hardened steel. Plastic-coated handles.
For sheet iron and sheet steel up to HRc 54-56.
Right-cut blades.

Overall length	mm	260	280
Max cutting depth	mm	1	1,1
680GD	Each	27,90	28,30

Product description as Art. 680GD

Left-cut blades.

Overall length	mm	260	280
Max cutting depth	mm	1	1,1
680GS	Each	27,90	28,30

681GD
681GS

SCU



destra sinistra

HSS

IDEAL model, reinforced, with HSS cutting edges. In forged and hardened steel, HSS tipped, cutting edge hardness HRc 65-67. Suited for all kinds of sheet metal and V2A, V4A, CV, Nirosta etc. stainless steel. Plastic-coated handles.

Right-cut blades.

Overall length	mm	280
Max cutting depth	mm	1,1
681GD	Each	142,00

Product description as Art. 681GD

Left-cut blades.

Overall length	mm	280
Max cutting depth	mm	1,1
681GS	Each	142,00

682GD
682GS

SCU



destra sinistra

Pellicano Model.
In forged and hardened steel.
Plastic-coated handles.
Suited for sheet steel up to HRc 54-56.

Right-cut blades.

Overall length	mm	300
Max cutting depth	mm	1,2
682GD	Each	31,10

Product description as Art. 682GD

Left-cut blades.

Overall length	mm	300	350
Max cutting depth	mm	1,2	1,4
682GS	Each	31,10	40,20

683GD
683GS

SCU



destra sinistra

HSS

Pellicano Model with HSS cutting edges. In forged and hardened steel, HSS tipped, cutting edge hardness HRc 65-67. Suited for all kinds of sheet metal and V2A, V4A, CV, Nirosta etc. stainless steel. Plastic-coated handles.

Right-cut blades.

Overall length	mm	300
Max cutting depth	mm	1,2
683GD	Each	148,00

Product description as Art. 683GD

Left-cut blades.

Overall length	mm	300
Max cutting depth	mm	1,2
683GS	Each	148,00

686GD
686GS

SCU



destra sinistra

Model for shaping.
In forged and hardened steel.
Thin head. Plastic-coated handles.
Suited for sheet metal up to HRc 54-56.

Right-cut blades.

Overall length	mm	250	275
Max cutting depth	mm	1	1,1
686GD	Each	22,20	24,40

Product description as Art. 686GD

Left-cut blades.

Overall length	mm	250	275
Max cutting depth	mm	1	1,1
686GS	Each	22,20	24,40



Model for shaping, with HSS cutting edges. In forged and hardened steel, HSS tipped, cutting edge hardness HRc 65-67. Suited for all kinds of sheet metal and V2A, V4A, CV, Nirosta etc. stainless steel. Plastic-coated handles.

Right-cut blades.

Overall length	mm	275
Max cutting depth	mm	1
687GD	Each	147,00

Product description as Art. 687GD

Left-cut blades.

Overall length	mm	275
Max cutting depth	mm	1
687GS	Each	147,00

SCU

687GD
687GS



Universal Model

In hardened steel. Plastic-coated handles. Suited for sheet iron and sheet steel.

Right-cut blades

Overall length	mm	280
Max cutting depth	mm	1,1
689D	Each	24,90

Product description as Art. 689D

Left-cut blades.

Overall length	mm	280
Max cutting depth	mm	1,1
689S	Each	24,90

SCU

689D
689S



Universal Model

In forged and hardened steel. Plastic-coated handles.

Suited for sheet steel up to HRc 54-56.

Right-cut blades.

Overall length	mm	275	300
Max cutting depth	mm	1	1,2
691GD	Each	24,10	26,20

Product description as Art. 691GD

Left-cut blades.

Overall length	mm	275	300
Max cutting depth	mm	1	1,2
691GS	Each	24,10	26,20

SCU

691GD
691GS



Universal Model, with HSS cutting edges. In forged and hardened steel, HSS tipped, cutting edge hardness HRc 65-67. Suited for all kinds of sheet metal and V2A, CV, V4A, Nirosta etc. stainless steel. Plastic-coated handles.

Right-cut blades.

Overall length	mm	275	300
Max cutting depth	mm	1	1,2
697GD	Each	127,00	130,00

Product description as Art. 697GD

Left-cut blades.

Overall length	mm	275	300
Max cutting depth	mm	1	1,2
697GS	Each	127,00	130,00

SCU

697GD
697GS



COMPOUND ACTION SNIPS

Prod. SCU

Ideal Model for through cuts.

Forged special steel blades. Hardened and finely serrated blades.

Shaped handles in sheet steel, plastic-coated. Closing hook and automatic opening.

Cutting edge hardness HRc 60-62.

Right-cut blades.

Overall length	mm	260
Max cutting depth	mm	1,8
Max cutting thick. INOX(V2A)	mm	1,2
698GD	Each	42,60

Product description as Art. 698GD

Left-cut blades.

Overall length	mm	260
Cutting capacity	mm	1,8
Max cutting thick. INOX(V2A)	mm	1,2
698GS	Each	42,60

SCU

698GD
698GS



699GD
699GS

SCU



HSS

Ideal Model for through cuts, HSS cutting edges. In forged and hardened steel, HSS tipped, finely serrated blades, cutting edge hardness HRc 65-67. Suited for all kinds of sheet metal and V2A, V4A, CV, Nirosta etc. stainless steel. Plastic-coated handles. Closing hook and automatic opening.

Right-cut blades.

Overall length	mm	260
Max cutting depth	mm	1,2
699GD	Each	136,00

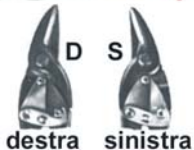
Product description as Art. 699GD

Left-cut blades.

Overall length	mm	260
Max cutting depth	mm	1,2
699GS	Each	136,00

700GD
700GS

SCU



Model for shaping.

Forged special steel blades. Hardened and finely serrated blades.

Shaped handles in sheet steel, plastic-coated. Closing hook and automatic opening.

Cutting edge hardness HRc 60-62.

Right-cut blades.

Overall length	mm	260
Max cutting depth	mm	1,8
Max cutting thick. INOX(V2A)	mm	1,2
700GD	Each	41,20

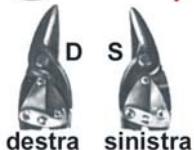
Product description as Art. 700GD

Left-cut blades.

Overall length	mm	260
Max cutting depth	mm	1,8
Max cutting thick. INOX(V2A)	mm	1,2
700GS	Each	41,20

701GD
701GS

SCU



HSS

Model for shaping, HSS cutting edges. In forged and hardened steel, HSS tipped, finely serrated blades, cutting edge hardness HRc 65-67. Suited for all kinds of sheet metal and V2A, V4A, CV, Nirosta etc. stainless steel. Plastic-coated handles. Closing hook and automatic opening.

Right-cut blades.

Overall length	mm	260
Max cutting depth	mm	1,2
701GD	Each	162,00

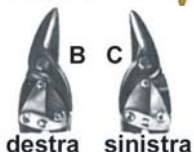
Product description as Art. 701GD

Left-cut blades.

Overall length	mm	260
Max cutting depth	mm	1,2
701GS	Each	162,00

707GA
707GB
707GC

SCU



Model with thin head.

Forged special steel blades. Hardened and finely serrated blades.

Shaped handles in sheet steel, plastic-coated. Closing hook and automatic opening.

Cutting edge hardness HRc 60-62. Suited for stainless steel sheet (V2A) up to 1.5mm.

Straight blades

Overall length	mm	245
707GA	Each	32,90

Product description as Art. 707GA

Right-cut blades.

Overall length	mm	245
707GB	Each	32,90

Product description as Art. 707GA

Left-cut blades.

Overall length	mm	245
707GC	Each	32,90



Model for through cuts and shaping.
 Forged special steel blades. Hardened and finely serrated blades. Shaped handles in sheet steel, dual-component coated. Closing hook and automatic opening. Cutting edge hardness HRC 60-62.

Right-cut blades.

Overall length	mm	230
Max cutting depth	mm	1,8
Max cutting thick. INOX(V2A)	mm	1,2
708GD	Each	39,60

Product description as Art. 708GD

Left-cut blades.

Overall length	mm	230
Max cutting depth	mm	1,8
Max cutting thick. INOX(V2A)	mm	1,2
708GS	Each	39,60

SCU

708GD
708GS



2

SHEET METAL CUTTERS

Prod. SCU

Standard model

CHROMIUM-NICKEL steel blades. Heavy sheet handles, shaped, coated with two-component material, provided with hand protector and inside return spring. Chromium-plated. Suited to cut and shape sheet steel, aluminium, sheet and plastic pipes.

Max. steel cutting thickness 1.2mm.

Max. plastic and aluminium cutting thickness 2mm.

Overall length	mm	250
709	Each	43,80

For spare blades see Art. O709 GA.

SCU

709



Prod. SCU - Orig. EDMA

Standard model

CHROMIUM-NICKEL steel blades. Heavy sheet handles, shaped, plastic-coated, provided with hand protector and inside return spring. Chromium-plated. Suited to cut and shape sheet steel, aluminium, sheet and plastic pipes.

Max. steel cutting thickness 1.2mm.

Max. plastic and aluminium cutting thickness 2mm.

Overall length	mm	265
709G	Each	58,90

SPARE BLADES FOR NIBBLERS

Spare blades for Art. 709 - 709 G - 709 GL

O709GA	Each	14,70
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SCU

709G



Model with chip breaker

CHROMIUM-NICKEL steel blades. Heavy sheet handles, shaped, plastic-coated, provided with hand protector and inside return spring. Chromium-plated. Suited to cut and shape sheet steel, aluminium, sheet and plastic pipes.

Max. steel cutting thickness 1.2mm.

Max. plastic and aluminium cutting thickness 2mm.

Overall length	mm	265
709GL	Each	62,10

SCU

709GL



Model for wave cuts

CHROMIUM-NICKEL steel blades. Heavy sheet handles, shaped, plastic-coated, provided with hand protector and inside return spring. Chromium-plated. Especially suited for sheet steel, glass fibers, aluminium, etc.

Max. steel and glass fiber cutting thickness 1.2mm.

Max. plastic and aluminium cutting thickness 2mm.

Overall length	mm	265
709GP	Each	42,70

Product running out of stock.

SPARE BLADES FOR NIBBLERS

Spare blades for Art. 709 GP.

O709GR	Each	12,10
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Product running out of stock.

Spare counterblades for Art 709 GP.

O709GS	Per pair	9,48
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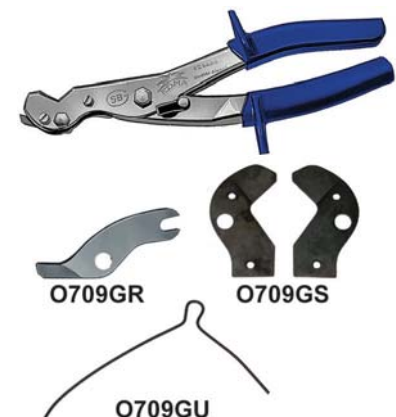
Product running out of stock.

Spare springs for Art. 709G - 709 GL - 709 GP.

O709GU	Each	6,54
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SCU

709GP





RIBBON CABLE CUTTERS

709GS

SCU



Prod. SCU - Orig. EDMA

Model especially suited for ribbon electric and electronic connections. Thin special steel blades, trapezoid, interchangeable. Heavy sheet handles, plastic-coated, with hand protector and inside return spring.

Overall length	mm	240
Edges length	mm	56
709GS	Each	52,20

Cutters for wide dimension ribbon cables, see Art. 617 GQ.

Product running out of stock.

Spare blades for Art. 709 GS. 10-PCS not sold separately.

0709GV	Pack	8,32
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Product running out of stock.

PELICAN CUTTERS

709GT

SCU



Prod. SCU

Pelican model, patented, with CHROME-VANADIUM steel blade, burnished body. Dual-component ergonomic grips. Complete with spring and lock.

To cut synthetic materials thickness up to 6mm. Blade length 60mm. Overall length 220mm. NOT SUITABLE FOR CUTTING METAL SHEETS.

709GT	Each	172,00
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709GZ

SCU



Product description as Art. 709GT

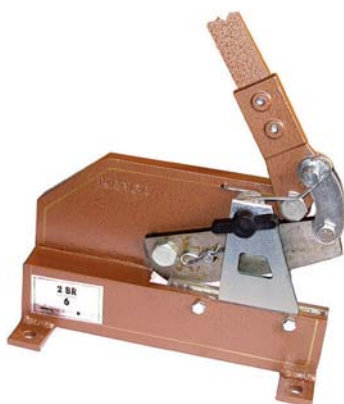
To cut synthetic materials thickness up to 4mm. With grooved guiding track to cut plastic bars and trays. Blade length 110mm. Overall length 280mm. NOT SUITABLE FOR CUTTING METAL SHEETS.

709GZ	Each	195,00
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PLATE AND ROUND STEEL SHEARS

710G

KANCA



Orig. KANCA

Extra-thick special steel body. Alloy steel blades, hardened and sharp.

Suited to cut sheet steel, flat and round iron up to R. kg/sqmm 45.

Equipped with lever and with accident-prevention device to avoid its accidental falling.

Above mentioned performances refer to materials with R. kg/sqmm 45.

With lever.

Knives length	mm	120	150	180	300	400	500
For sheets thickn. up to	mm	4	5	6	4	5	5
For flat iron up to	mm	50x4	50x5	70x6	70x4	80x4	80x4
For round iron up to Ø	mm	11	11	13	13	13	13
Weight approx.	Kg	8	10	18	25	125	150
710G	Each	184,00	209,00	295,00	618,00	1.710,00	2.620,00

Upper blade.

Knives length	mm	120	150	180	300	400	500
0710GA	Each	56,90	71,70	89,10	129,00	193,00	225,00

Lower blade.

Knives length	mm	120	150	180	300	400	500
0710GB	Each	34,60	42,00	47,10	69,20	185,00	221,00

Blade for round steel.

Knives length	mm	120	150	180	300	400	500
0710GC	Each	12,40	12,40	14,90	14,90	14,90	14,90



Product description as Art. 710G.
Model also suited to cut square iron.
With lever.

For sheets thckn. up to	mm	8
For flat iron up to	mm	100x9
For round iron up to Ø	mm	20
For square iron up to	mm	18
Knives length	mm	185
Weight approx.	Kg	47
710G 1	Each	1.040,00

Upper blade for Art. 710 G 1.
O710G 1A Each **82,20**

Lower blade for Art. 710 G 1.
O710G 1B Each **93,90**

Blade for round steel for Art. 710 G 1.
O710G 1C Each **47,10**

Blade for square steel for Art. 710 G 1.
O710G 1D Each **59,40**



710G 1



2

Product description as Art. 710G.
Model also suited to cut square iron and profiles.
With lever.

For sheets thckn. up to	mm	8
For flat iron up to	mm	100x9
For round iron up to Ø	mm	16
For L - T profile	mm	40x6
Knives length	mm	175
Weight approx.	Kg	47
710G 1E	Each	1.250,00

Upper blade for Art. 710 G 1E.
O710G 1E Each **82,20**

Lower blade for Art. 710 G 1E.
O710G 1F Each **93,90**

Spare blades for "L" and "T" profiles and round-shaped iron available on request.



710G 1E



Product description as Art. 710G.
Model also suited to cut square iron and profiles.

For sheets thckn. up to	mm	10
For flat iron up to	mm	90x8
For round iron up to Ø	mm	22
For square iron up to	mm	20
For L - T profile	mm	60x7
Knives length	mm	175
Weight approx.	Kg	105
710G 2	Each	1.730,00

Upper blade for Art. 710 G 2.
O710G 2A Each **82,20**

Lower blade for Art. 710 G 2.
O710G 2B Each **93,90**

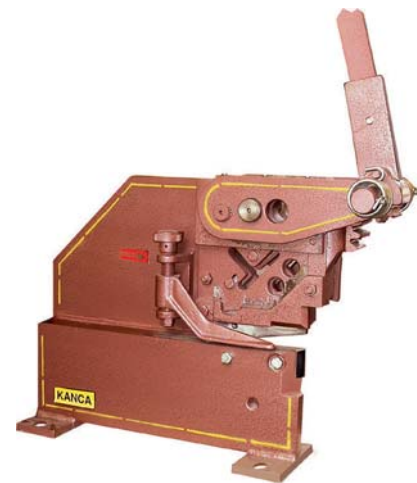
Blade for round steel for Art. 710 G 2.
O710G 2C Each **47,10**

Blade for square steel for Art. 710 G 2.
O710G 2D Each **59,40**

Spare blades for "L" and "T" profiles available on request.



710G 2



CONCRETE REINFORCING STEEL BAR SHEARS

Orig. KANCA

Extra-thick special steel body. Alloy steel blades, hardened and sharp.
Suited to cut round and square iron up to R. kg/sqmm 45.
Equipped with lever and with accident-prevention device to avoid its accidental falling.
Above mentioned performances refer to materials with R. kg/sqmm 45.
With lever.

For round iron up to Ø	mm	22
For square iron up to	mm	18
Knives length	mm	35
Weight approx.	Kg	26
710G 3	Each	349,00

Spare blades for Art. 710 G 3.
O710G 3A Per pair **54,40**

Shears for round iron up to Ø mm 26/28/32 can be supplied on request.



710G 3





PUNCHING MACHINES

2
710G 3E



Orig. KANCA

Thick special steel body. Punches and dies in high-resistance steel. Complete with lever and accident-prevention device to avoid accidental falls.

With lever.

For bores thick. up to	mm	12x6,3 / 18x3,5
For material cutt. with R.	Kg/mm ²	45
Span	mm	90
Punching power	t.	8
Weight approx.	Kg	18

710G 3E	Each	562,00
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Spare punches for Art. 710 G 3E.

Ø	mm	3	4	5	6	7	8	9	10
O710G 3E	Each	17,70	17,70	17,70	17,70	17,70	17,70	17,70	17,70

Ø	mm	11	12	13	14	15	16	17	18
O710G 3E	Each	25,30	25,30	25,30	25,30	25,30	25,30	25,30	25,30

Spare dies for Art. 710 G 3E.

Ø	mm	3	4	5	6	7	8	9	10
O710G 3F	Each	37,80	37,80	37,80	37,80	37,80	37,80	37,80	37,80

Ø	mm	11	12	13	14	15	16	17	18
O710G 3F	Each	37,80	37,80	37,80	37,80	37,80	37,80	37,80	37,80

PLATE AND ROUND STEEL SHEARS

710G 4



Orig. Peddinghaus - Art. Mod. 1 BR4/2

Thick high-resistance steel body. Alloy steel blades, hardened by using the exclusive P.A.M method.

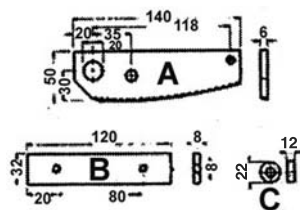
Suited to cut sheet steel, flat and round iron. Provided with accident-prevention device to avoid the accidental falling of the lever.

With lever

For sheets thickn. up to	mm	4
For flat iron up to	mm	70x5
For round iron up to Ø	mm	10
For metals cutting with R.	Kg/mm ²	45
Knives length	mm	120
Weight approx.	Kg	7

710G 4	Each	321,00
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711G 4A
711G 4B
711G 4C



Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 710G 4

Upper blade

711G 4A	Each	98,80
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Lower blade

711G 4B	Each	55,20
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Blade for round steel.

711G 4C	Each	20,40
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710G 5



Orig. Peddinghaus - Art. Mod. 1 BR5/2

Product description as Art. 710G 4.

With lever.

For sheets thickn. up to	mm	5
For flat iron up to	mm	70x6
For round iron up to Ø	mm	11
For metals cutting with R.	Kg/mm ²	45
Knives length	mm	150
Weight approx.	Kg	9

710G 5	Each	349,00
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Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 710G 5

Upper blade

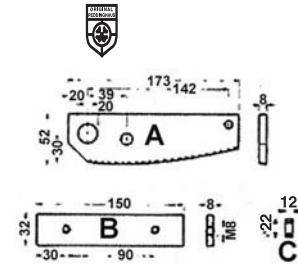
711G 5A Each **114,00**

Lower blade

711G 5B Each **63,90**

Blade for round steel.

711G 5C Each **20,40**



711G 5A
711G 5B
711G 5C

2

Orig. Peddinghaus - Art. Mod. 1 BR6/3

Product description as Art. 710G 4.

With lever.

For sheets thicken. up to	mm	6
For flat iron up to	mm	70x7
For round iron up to Ø	mm	13
For metals cutting with R.	Kg/mm ²	45
Knives length	mm	180
Weight approx.	Kg	17
710G 6	Each	453,00



710G 6

Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 710G 6

Upper blade

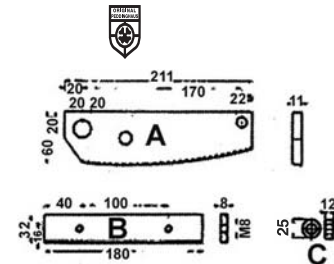
711G 6A Each **149,00**

Lower blade

711G 6B Each **78,50**

Blade for round steel

711G 6C Each **26,20**



711G 6A
711G 6B
711G 6C

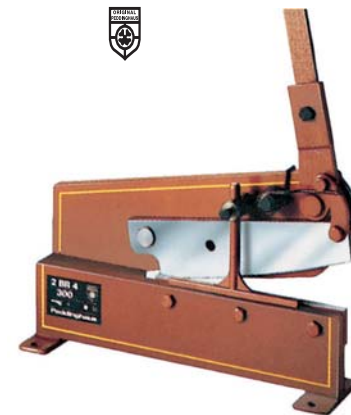
Orig. Peddinghaus - Art. Mod. 2 BR4/300/2

Product description as Art. 710G 4.

Long blades model.

With lever.

For sheets thicken. up to	mm	4
For flat iron up to	mm	70x6
For round iron up to Ø	mm	13
For metals cutting with R.	Kg/mm ²	45
Knives length	mm	300
Weight approx.	Kg	34
712G 3	Each	797,00



712G 3

Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 712G 3

Upper blade.

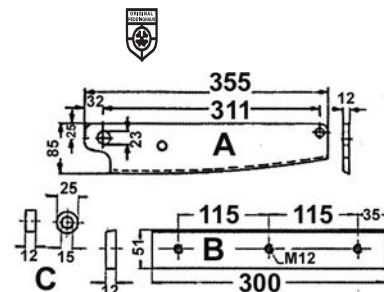
713 3A Each **274,00**

Lower blade.

713 3B Each **166,00**

Blade for round steel.

713 3C Each **26,20**



713 3A
713 3B
713 3C



714G



Orig. Peddinghaus - Art. Mod. 4 BR8

Product description as Art. 710G 4.

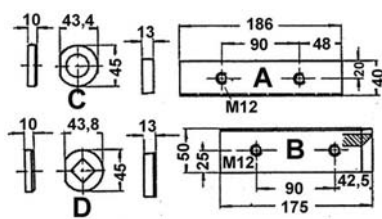
Suited to cut profiles even in 2 or 3 steps.

With lever.

For iron sheets up to	mm	8
For flat iron up to	mm	100x9
For round iron up to Ø	mm	20
For square iron up to	mm	18
L - T profiles in 2-3 cuts up to	mm	40x5
For metals cutting with R.	Kg/mm ²	45
Knives length	mm	175
Weight approx.	Kg	43

714G Each **1.170,00**

715NA
715NB
715NC
715ND



Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 714G

Upper blade.

715NA Each **102,00**

Lower blade.

715NB Each **134,00**

Blade for round steel.

715NC Each **69,10**

Blade for square steel.

715ND Each **83,50**

PLATE SECTION AND BAR STOCK SHEARS

716G 10



Orig. Peddinghaus - Art. Mod. 5 RP10

High-resistance steel body. Alloy steel blades, exclusive P.A.M. hardening procedure.

Suited to sheet steel, flat iron, round iron and profiles. Provided with accident-prevention device to avoid the accidental falling of the lever.

Suited to cut L and T profiles, sheet steel, flat, round and square iron in one step.

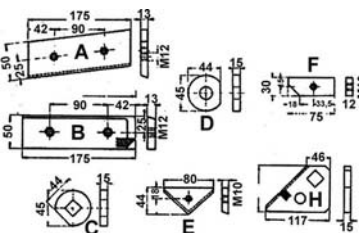
Provided with sheet blades for L and T oblique cutting in 2 or 3 cuts. With lever.

For sheets thicken. up to	mm	10
For flat iron up to	mm	90x14
For round iron up to Ø	mm	22
For square iron up to	mm	20
For L-shaped profile	mm	60x7
For T-shaped profile	mm	60x7
For metals cutting with R.	Kg/mm ²	45
Knives length	mm	175
Weight approx.	Kg	107

716G 10 Each **2.930,00**

Product running out of stock.

717 10A
717 10B
717 10C
717 10D
717 10E
717 10F
717 10H



Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 716G 10

Upper blade.

717 10A Each **118,00**

Lower blade.

717 10B Each **134,00**

Blade for square steel.

717 10C Each **84,30**

Blade for round steel.

717 10D Each **69,80**

Profile detail.

717 10E Each **130,00**

Profile detail.

717 10F Each **88,84**

Profile detail.

717 10H Each **248,00**

Product running out of stock.



COMBINE SHEARING AND PUNCHING MACHINES

Orig. Peddinghaus - Art. Mod. 34 BR6P

Roller steel body. Ground parts subject to sliding. High-resistance galvanized steel blades. Suitable for sheet steel, flat and round steel cutting and punching. Safety device to avoid the accidental falling of the lever.

With lever.

For sheets thickn. up to	mm	6
For flat iron up to	mm	70x7
For round iron up to Ø	mm	13
Punched round bores by	mm	18x3,5
Span	mm	90
For metals cutting with R.	Kg/mm ²	45
Knives length	mm	180
Weight approx.	Kg	30

720G Each **1.100,00**

Spare punches and dies, see Art. 759A-B



720G

2

Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 720G

Upper blade.

721NA Each **149,00**

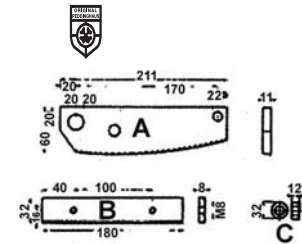
Lower blade.

721NB Each **78,50**

Blade for round steel.

721NC Each **26,20**

Punches and dies, see Art. 759A-B



721NA
721NB
721NC

CONCRETE REINFORCING STEEL BAR SHEARS

Orig. Peddinghaus - Art. Mod. 50/22P

P.A.M. models consist in a thick sheet steel monobox frame, welded and surrounding the cutting area. In these shears no flexion point was evident even when they undergo max. stress.

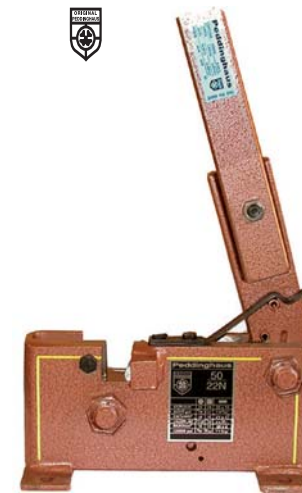
Lever holder with lever in hardened and tempered steel. Square blades in alloy steel, hardened according to the exclusive P.A.M. method, to be used on both cutting edges. P.A.M. shears are designed to limit the cutting stroke on pre-set values.

Equipped with accident-prevention device that avoids the accidental falling of the lever.

With lever.

For round bore R kg mmq 45	mm	22
For round bore R kg mmq 65	mm	18
For round bore R kg mmq 85	mm	16
For square bore R kg mmq 45	mm	19
Knives length	mm	35
Weight approx.	Kg	22

736G Each **537,00**



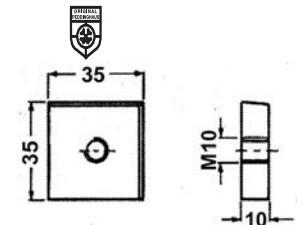
736G

Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 736G

Dimensions mm 35x35x10

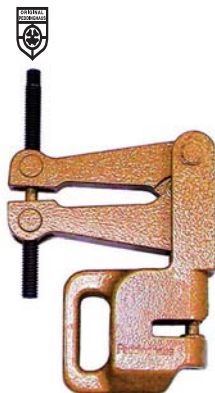
736R Per pair **157,00**



736R



754G 17



DUPLEX PUNCHING MACHINES

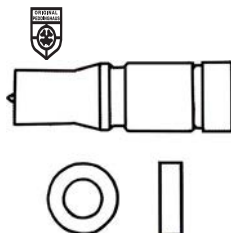
Orig. Peddinghaus - Art. Mod. 27/250

Fully forged steel composition. Easy to carry, for use even in places that are hard to reach. Can also be used on workbench (lock in grip). Great punching force.

Punches and dies in high-resistance steel. (Supplied with 17 mm punch and die). With operating rod.

For bores and thick. up to	mm	17x12
For material with R	Kg/mm ²	45
Span	mm	50
Punching force	KN	250
Weight	Kg	19
754G 17	Each	978,00

755C
755D



Orig. Peddinghaus

SPARE PUNCHES AS for Art. 754 G 17

Punches - connection Ø 18mm.

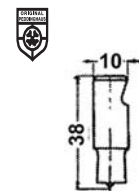
Ø	mm	8	9	10	11	12	13	14	15	16	17
755C	Each	30,80	30,80	30,80	30,80	30,80	30,80	30,80	30,80	30,80	30,80

SPARE MATRIXES AS for Art. 754 G 17

Ø	mm	8	9	10	11	12	13	14	15	16	17
755D	Each	36,10	36,10	36,10	36,10	36,10	36,10	36,10	36,10	36,10	36,10

SPARE PARTS FOR PUNCHING MACHINES

759A



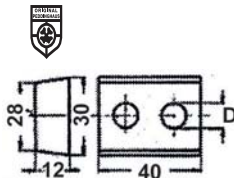
Orig. Peddinghaus

SPARE PUNCHES FOR ART. 720G

Punches - connection Ø 10mm.

Ø	mm	3	4	5	6	7	8	9	10
759A	Each	20,60	20,60	20,60	20,60	20,60	20,60	20,60	20,60
Ø	mm	11	12	13	14	15	16	17	18
759A	Each	30,80	30,80	30,80	30,80	30,80	30,80	30,80	30,80

759B



SPARE DIES FOR ART. 720G

Ø	mm	3	4	5	6	7	8	9	10
Bores	No.	2	2	2	2	2	2	2	2
759B	Each	56,50	56,50	56,50	56,50	56,50	56,50	56,50	56,50
Ø	mm	11	12	13	14	15	16	17	18
Bores	No.	1	1	1	1	1	1	1	1
759B	Each	51,40	51,40	51,40	51,40	51,40	51,40	51,40	51,40

SCREW PUNCHES

759GA



Prod. SCU

Professional model with 3 penetration drills in hardened steel. Punching is achieved by pre-drilling a tip and by subsequently tightening the central screw.

Suitable for steel sheeting, aluminium, plastics, leather, rubber, etc.

Steel blade thickness 2mm up to Ø 30.5mm, 3mm up to Ø 54mm.

Aluminium blade thickness 2.5mm up to Ø 30.5, 3.5mm up to Ø 54mm.

For bores Ø	mm	12,5	12,7	15,2	16	18,6	20,4	20,5	22,5	25,4	25,5
For bores	PG	-	7	9	-	11	13	-	16	-	-
For bores	ISO	12	-	-	16	-	-	20	-	-	25
Pre-bore Ø	mm	9	9	9	9	9	13	13	13	13	13
Screw Ø	mm	8	8	8	8	8	12	12	12	12	12
759GA	Each	17,70	17,70	17,80	18,50	19,60	20,50	20,50	28,30	29,10	29,10
For bores Ø	mm	28,3	30,5	32,5	35	37	38	40,5	47	50,5	54
For bores	PG	21	-	-	-	29	-	-	36	-	42
For bores	ISO	-	-	32	-	-	-	40	-	50	-
Pre-bore Ø	mm	13	13	13	13	13	13	13	22	18	22
Screw Ø	mm	12	12	12	12	12	12	12	20	16	20
759GA	Each	31,10	31,70	34,40	35,90	36,20	36,20	39,40	60,40	61,80	64,20

SPARE SCREWS FOR ART. 759 GA.

In hardened steel quality 12.9.

Screw Ø	mm	8	12	16	20
Pitch		1	1,5	1,5	1,5
Length	mm	55	65	75	80
For Art. 759GA Ø	mm	12,5 to 18,6	20,4 to 40,5	50,5	47 e 54
O759GA	Each	5,64	9,90	12,30	15,40



Professional model with 3 penetration drills in special hardened steel, with ball bearing screws which substantially reduce your manual working time. Punching is achieved by pre-drilling a tip and by subsequently tightening the central screw.

Suitable for steel sheeting, aluminium, plastics, leather, rubber, etc.

Steel blade thickness 2mm up to Ø 30.5mm, 3mm up to Ø 54mm.

Aluminium blade thickness 2.5mm up to Ø 30.5, 3.5mm up to Ø 54mm.

For bores Ø	mm	12,5	12,7	15,2	16	18,6	20,4	20,5	22,5	25,4	25,5
For bores	PG	-	7	9	-	11	13	-	16	-	-
For bores	ISO	12	-	-	16	-	-	20	-	-	25
Pre-bore Ø	mm	9	9	9	9	9	13	13	13	13	13
Screw Ø	mm	8	8	8	8	8	12	12	12	12	12

759GE	Each	23,10	23,10	23,40	23,80	25,10	25,90	25,90	34,20	35,10	35,10
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For bores Ø	mm	28,3	30,5	32,5	35	37	38	40,5	47	50,5	54
For bores	PG	21	-	-	-	29	-	-	36	-	42
For bores	ISO	-	-	32	-	-	-	40	-	50	-
Pre-bore Ø	mm	13	13	13	13	13	13	13	22	18	22
Screw Ø	mm	12	12	12	12	12	12	12	20	16	20

759GE	Each	36,90	37,60	40,40	41,10	41,80	41,80	45,40	72,50	73,80	76,10
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SPARE SCREWS WITH BEARINGS FOR ART. 759 GE.

In hardened steel quality 12.9.

Screw Ø	mm	8	12	16	20
Pitch		1	1,5	1,5	1,5
Length	mm	55	65	75	80
For Art. 759GE Ø	mm	12,5 to 18,6	20,4 to 40,5	50,5	47 e 54

O759GE	Each	12,30	16,70	21,70	28,10
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SCU

759GE



2

ASSORTED PUNCHES

Prod. SCU

Suitable for installers. Features in accordance with Art. 759 GA, comes in a practical, sturdy, plastic casing.

Contents:

6 screwless punches Ø 12.5 (ISO 12) - 16 (ISO 16) - 20.5 (ISO 20) - 25.5 (ISO 25) - 32.5 (ISO 32) - 40.5 (ISO 40) mm

2 screws Art. O759 GA 8 - 12

759GM	Each	150,00
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SCU

759GM



Product description as Art. 759GM

Contents:

6 screwless punches Ø 12.7 (PG 7) - 15.2 (PG 9) - 18.6 (PG 11) - 20.4 (PG 13) - 22.5 (PG 16) - 28.3 (PG 21) mm

2 screws Art. O759 GA 8 - 12

759GP	Each	126,00
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SCU

759GP





SCREW PUNCHES

760GF

SCU



Prod. SCU

Industrial type with 3 hardened steel penetration tips. Punching is obtained through a tipped pre-hole and later central screwing. Suitable for steel, aluminium, plastic, leather, rubber, etc.

2 mm thick sheet steel up to Ø 27 mm, 3 mm up to Ø 60 mm

The thickness of stainless steel sheet (V2) 1 mm up to Ø 27 mm, 1.5 mm up to Ø 60 mm. CR The thickness of aluminum sheet, plastics, etc. 4 mm for all Ø.

For bores Ø	mm	12,7	15,2	16	17*	18	18,6	19	20	20,4	21	22	22,5	23	24	25
Pre-bore Ø	mm	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Screw Ø	mm	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10
760GF	Each	29,60	29,60	29,60	31,10	31,60	33,30	33,30	33,30	33,30	33,30	36,40	36,40	36,40	36,40	39,90
For bores Ø	mm	26	27	28,3	29	30	31	32	33	34	35	36	37	38	39*	40
Pre-bore Ø	mm	12	12	14,5	14,5	14,5	14,5	14,5	14,5	14,5	14,5	14,5	14,5	14,5	14,5	14,5
Screw Ø	mm	10	10	12	12	12	12	12	12	12	12	12	12	12	12	12
760GF	Each	39,90	39,90	39,90	44,30	44,30	44,30	44,30	51,00	51,00	51,00	51,00	51,00	51,00	51,00	68,50
For bores Ø	mm	42	43	44*	45	46*	47	50	51	52*	53	54	55	60		
Pre-bore Ø	mm	20	20	20	20	20	20	20	20	20	20	20	20	20		
Screw Ø	mm	16	16	16	16	16	16	16	16	16	16	16	16	16		
760GF	Each	76,30	76,30	74,70	83,10	81,30	83,10	91,10	99,90	97,80	99,90	109,00	109,00	134,00		

* Sizes running out of stock.

SPARE SCREWS FOR ART. 760 GF. In hardened steel, Class 12.9.

Screw Ø	mm	8	10	12	16
Pitch		1	1	1,5	1,5
For Art. 759GF Ø	mm	12,7 to 14	15,2 to 27	28,3 to 40	41 to 60
O760GF	Each	1,34	2,10	2,52	3,38

ASSORTED PUNCHES

760GFA
760GFB

SCU



Prod. SCU

Suitable for installers. Same features as Art. 760 GF, in practical, rugged case of synthetic material.

Contents:

6 screwless punches Ø 15.2-18.6-20.4-22.5-28.3-32mm

2 screws supplied Art. O760 GF 10 - 12

With countersink and grease

760GFA	Each	325,00
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Product description as Art. 760GFA

Contents:

8 screwless punches Ø 15.2-18.6-20.4-22.5-28.3-37-47-54mm

3 screws supplied Art. O760 GF 10 - 12 - 16

With countersink and grease

760GFB	Each	537,00
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SCREW PUNCHES

760GFE

SCU

INOX



Prod. SCU

Type with 2 tips, especially designed for drilling plates made of stainless steel (AISI 304), with thickness up to mm 4. Special treated steel; finely tuned surfaces of punches and dies for easier penetration. Screws made of steel, grade 12.9.

For bores Ø	mm	12,7	15,2	16,5	18,6	20,4	22,5	25,4	28,3
Pre-bore Ø	mm	10	12	12	12	12	12	12	14,5
Screw Ø	mm	8	10	10	10	10	10	10	12
760GFE	Each	32,60	32,60	34,40	37,60	37,60	40,20	45,40	45,40
For bores Ø	mm	32	32,5	35	37	40,5	47	50,5	54
Pre-bore Ø	mm	14,5	14,5	14,5	14,5	20	20	20	20
Screw Ø	mm	12	12	12	12	16	16	16	16
760GFE	Each	48,90	56,20	56,20	56,20	75,10	77,10	91,50	111,00

To spare screws for punching machines Art. 760 GFE see Art. O760 GF mm 8-10-12-16.

On request are available the same punching screw with bearing.



OIL-HYDRAULIC PUNCHERS

Orig. Baudat - Art. 50-099 (Mod. L S6)

Pistol grip type.
Lever hydraulic control, mono-hand, with rapid movement.
Operating parts in hardened steel, reinforced sheet arms, ergonomic and insulated handles.
Complete with 2 punch holder pins, adaptor and spacer.
Punching strength approx. 60 kN (6 t).

Complete body without punches and dies.

Punches Ø by	mm	15,2 to 100
Punches sheet max. thickness	mm	3
Length	mm	340
Weight	Kg	2,4

760GH Each **844,00**

Spare pin (3/8x24 UNF) for punches and dies from Ø 15.2mm to 33mm.

O760GH 1 Each **21,20**

Spare pin (3/4x16 UNF) for punches and dies from Ø 35mm to 100mm.

O760GH 2 Each **49,20**

Spare adapter for pin Art. 0760 GH 1, with external 3/4x16 UNF thread.

O760GH 3 Each **14,10**

Spare spacer for punching machines Art. 760 GH - 760 GH 8.

O760GH 4 Each **17,40**



Orig. Baudat - Art. 50-616 (Mod. L S8)

Straight universal type.
Lever hydraulic control, with reduced strain movement (Particularly suitable for large diameters).
Operating parts in hardened steel, reinforced sheet arm, insulated handle. Complete with 2 punch holder pins, adapter and spacer.
Punching strength approx. 80 kN (8 t).

Complete body without punches and dies.

Punches Ø by	mm	15,2 to 100
Punches sheet max. thickness	mm	3
Length	mm	335
Weight	Kg	2,6

760GH 8 Each **999,00**

Spare pins see Art. 0760 GH 1-0760 GH 2. Spare adapter and spacer see Art. 0760 GH 3 – 0760 GH 4.



Orig. Baudat - Art. 62-103/104/105

PUNCHES AND DIES FOR ART. 760 GH - 760 GH 8 - 760 GV
In hardened special steel. Up to Ø 33mm with threaded hole 3/8" x 24UNF. From Ø 35mm with threaded hole 3/4" x 16UNF.
Supplied in couples.



For bores Ø	mm	15,2	16	16,2	18,6	19	20	20,4	21	22	22,5	24	25	26	27
760GL	Per pair	53,70	59,40	59,90	59,20	72,70	74,70	60,60	72,90	89,20	61,90	89,20	109,00	78,40	81,20
For bores Ø	mm	28,3	30	30,5	32	33	35	37	40	42	43,2	45	47	50	54
760GL	Per pair	68,20	85,40	72,50	147,00	150,00	156,00	89,10	165,00	173,00	173,00	231,00	134,00	216,00	155,00
For bores Ø	mm	55	59,3	60	65	70	80	90	100						
760GL	Per pair	226,00	171,00	234,00	295,00	296,00	342,00	823,00	886,00						

Attention: from 18.6mm to 100mm, punches and dies are equipped with elastic insert for better guided cutting and longer working life.
Available on request: couples of punches and dies, square and rectangular. PG punches and dies sizes are the following

Orig. Baudat - Art. 62-103/104/105

Product description as Art. 760GL
In hardened special steel. Metric measures up to Ø 32,5mm with threaded hole 3/8" x 24UNF. From Ø 40,5mm with threaded hole 3/4" x 16UNF.
Supplied in couples.

For bores Ø	mm	16,5	20,5	25,5	32,5	40,5	50,5	63,5
For screws and pivots	M.	16	20	25	32	40	50	63
760GM	Per pair	46,80	60,60	62,80	75,10	91,60	139,00	174,00

Attention: from 20,5mm to 63,5mm the punches and dies are equipped with elastic insert for better guided cutting and longer working life.



2
760GN
760GP
760GR

BAUDAT

**Orig. Baudat - Art. 50-606**

STANDARD assortment for plumbers, electricians, sanitary installers, etc.

The set contains:

1 complete puncher Art. 760 GH with punch holder pin.

1 couple for each measure of punches and dies Art. 760 GL from mm. 15,2-18,6-20,4-22,5-28,3-30,5 complete with elastic insert (except for 15,2mm).

In case.

760GN	Each	1.280,00
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Orig. Baudat - Art. 50-603

Product description as Art. 760GN

The set contains:

1 complete puncher Art. 760 GH 8 with punch holder pin.

1 couple for each measure of punches and dies Art. 760 GL from mm. 15,2-18,6-20,4-22,5-28,3-30,5 complete with elastic insert (except for 15,2mm).

In case.

760GP	Each	1.460,00
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Orig. Baudat - Art. 50-607

Assortment with metric measures, suitable for carpenters, mechanics, workshops, etc.

The set contains:

1 complete puncher Art. 760 GH with punch holder pin.

1 couple for each measure of punches and dies Art. 760 GM from mm. 16,5-20,5-25,5-32,5 - 40,5 complete with elastic insert (except for 16,5mm).

In case.

760GR	Each	1.290,00
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OIL-HYDRAULIC PUNCHING MACHINES FOR INOX

760GR 3

BAUDAT

INOX

**Orig. Baudat - Art. 50-618 (Mod. LS 8 HD)**

Particularly suitable for stainless steel. Lever-hydraulic control.

Hardened steel operating parts, reinforced steel arm and insulated ergonomic handle. Complete with 3 punch holder pins.

Punching strength approx. 80 kN (8 t.).

Only complete body without punches and dies.

Punches Ø by mm 16,2 to 68

Punches INOX sheet thickness mm 2,5

Length mm 335

Weight Kg 2,6

760GR 3	Each	1.300,00
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Spare pins for punches and dies Ø 16.2mm and 18.6mm.

O760GR 3	Each	35,20
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Spare pins for punches and dies Ø 20.4mm and 30.5mm.

O760GR 5	Each	28,80
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Spare pins for punches and dies Ø 37mm and 68mm.

O760GR 7	Each	60,10
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760GS 3

BAUDAT

INOX

**Orig. Baudat**

PUNCHES AND DIES FOR ART. 760 GR/3 - 760 GV/1

In hardened special steel.

For bores Ø	mm	16,2	18,6	20,4	22,5	28,3	30,5	37
760GS 3	Per pair	77,90	80,90	65,10	68,10	71,40	77,30	158,00

For bores Ø	mm	47	54	68
760GS 3	Per pair	179,00	209,00	270,00

760GT 3

BAUDAT

INOX

**Orig. Baudat - Art. 50-602**

STANDARD assortment for plumbers, electricians, sanitary installers, etc.

The set contains:

1 complete puncher Art. 760 GR 3 with punch holder pin.

1 couple for each measure of punches and dies Art. 760 GS 3 20.4-22.5-28.3-30.5mm.

In case.

760GT 3	Each	1.620,00
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OIL-HYDRAULIC PUNCHERS
Orig. Baudat - Art. 50-036 (Mod. STAMP 10)

Universal type, head separated from hydraulic pump for use also in confined areas. Operating parts in hardened steel.

Complete with 2 punch holder pins, adapter and spacer.

Punching strength approx. 100 kN (10 t.).

Only complete body without punches and dies and without pump.

Punches Ø by	mm	15,2 to 100
Punches sheet thickness	mm	3
Length	mm	114
Weight	Kg	1,6

760GV	Each	762,00
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Punches and dies see Art. 760 GL. Spare pins see Art. 0760 GH/1-2. Spare adapter and spacer see Art. 0760 GH 3 – 0760 GH 4.

BAUDAT
760GV

2
OIL-HYDRAULIC PUNCHING MACHINES FOR INOX
Orig. Baudat - Art. 50-069 (Mod. STAMP8 HD)

Universal type, head separated from hydraulic pump for use also in confined areas. Operating parts in hardened steel.

Complete with 3 punch holder pins. Punching strength approx. 80 kN (8 t.).

Only complete body without punches and dies and without pump.

Punches Ø by	mm	16,2 to 68
Punches INOX sheet thickness	mm	3
Length	mm	101
Weight	Kg	1,5

760GV 1	Each	728,00
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Punches and dies see Art. 760 GS 3. Spare pins see Art. 0760 GR/3-5-7.

BAUDAT
INOX 760GV 1

OIL-HYDRAULIC PUMPS
Orig. Baudat - Art. 50-182 (Mod. HHP 8) + Art. 50-219

For hand use in confined areas. Operating parts in hardened steel.

Complete with pipe, length 0,5m. Pressure 450 bar.

Pump with tube for Art. 760 GV – 760 GV 1.

Length	mm	240
Weight	Kg	1,1

760GV 3	Each	767,00
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BAUDAT
760GV 3

Orig. Baudat - Art. 50-134 (Mod. HFP 12) + Art. 00-117.01

For foot use in high areas up to approx. m. 2 and where both hands are required to be free.

Operating parts in hardened steel. Complete with support plate and pipe length 3,5 m. Pressure 450 bar.

Pump with tube for Art. 760 GV – 760 GV 1.

Length	mm	340
Weight	Kg	2,5

760GV 5	Each	1.280,00
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BAUDAT
760GV 5

Orig. Baudat - Art. 50-080 (Mod. HMP 1E) + Art. 50-248

Electric motor type for continuous working.

230 V - 50 Hz mono-phase current.

Complete with pipe length 2,5 m and pedal control. Pressure 450 bar.

Pump with tube and pedal for Art. 760 GV – 760 GV 1.

Dimensions	mm	250x140x260
Weight	Kg	8,5

760GV 8	Each	4.390,00
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BAUDAT
CE 760GV 8




2

760GV 10 **BAUDAT**



Orig. Baudat

STANDARD assortment for plumbers, electricians, sanitary installers, electric systems installers, etc.

The set contains:

- 1 complete puncher Art. 760 GV with punch holder pin.
- 1 couple for each measure of punches and dies Art. 760 GL from mm. 15,2-18,6-20,4-22,5-28,3-30,5 complete with elastic insert (except for 15,2mm)
- 1 hand pump with pipe Art. 760 GV 3.

In case.

760GV 10 Each **1.850,00**

760GZ **BAUDAT**



Product description as Art. 760GV 10

The set contains:

- 1 complete puncher Art. 760 GV with punch holder pin.
- 1 couple for each measure of punches and dies Art. 760 GL from mm. 15,2-18,6-20,4-22,5-28,3-30,5 complete with elastic insert (except for 15,2mm)
- 1 foot pump with pipe Art. 760 GV 5.

In case.

760GZ Each **2.510,00**

OIL-HYDRAULIC PUNCHING MACHINES IN SETS

760GZ 3 **BAUDAT** **INOX**



Orig. Baudat

Product description as Art. 760GV 10

The set contains:

- 1 complete puncher Art. 760 GV 1, with 1 punch holder pin.
- 1 couple for each measure of punches and dies Art. 760 GS 3 from mm. 20,4-22,5-28,3-30,5
- 1 hand pump with pipe Art. 760 GV 3.

In case.

760GZ 3 Each **1.690,00**

760GZ 5 **BAUDAT** **INOX**



Product description as Art. 760GV 10

The set contains:

- 1 complete puncher Art. 760 GV 1, with 1 punch holder pin.
- 1 couple for each measure of punches and dies Art. 760 GS 3 from mm. 20,4-22,5-28,3-30,5
- 1 foot pump with pipe Art. 760 GV 5.

In case.

760GZ 5 Each **2.340,00**

BAR BENDERS

761 **SCU**



Prod. SCU

In forged and hardened steel.
Double end model.

For round iron up to Ø	mm	6-8	10-12	14-16	18-20
Overall length	mm	400	500	600	690
761	Each	6,02	9,80	15,90	31,60



LEVER BAR BENDERS

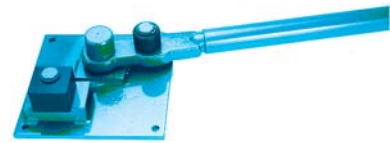
Prod. SCU

Steel body. Hardened pins.
Iron up to max.Ø 24mm.

764 Each **110,00**

SCU

764



2

COMBINED DEVICES FOR BENDING

Prod. SCU

Professional combined model: bar bender, iron curver and spiral bender. Body in semisteel cast iron, hardened operating parts.

Basic unit to be used together with accessories Art. 766 B-C-D. Weight 30kg.

Basic element only.

766A Each **1.210,00**

SCU

766A



Bar bender tool, for steel with R up to 45 kg/sqmm, to be used together with basic unit Art. 766 A. Weight 8.5kg.

Tool only.

Fine plate cold bending mm 100x7
Fine round cold bending mm 25
Fine square cold bending mm 23

766B Each **1.030,00**

SCU

766B



Iron curver, for steel with R up to 45 kg/sqmm, diam. from 28mm to 200mm. To be used together with basic unit Art. 766 A. Weight 10.5kg. The tool is supplied with mould-holder centre pin Ø 28mm that can also be used as a mould.

Tool complete with Ø 100mm mould only.

Fine plate cold bending mm 50x15
Fine round cold bending mm 25
Fine square cold bending mm 23

766C Each **947,00**

Data refer to a bending Ø of 100mm.

INCLUDED AND SPARE DIES

Ø	mm	40	50	60	70	80	90	100
O766C	Each	156,00	156,00	189,00	189,00	189,00	189,00	189,00
Ø	mm	150	200					
O766C	Each	189,00	214,00					

SCU

766C



Spiral bender tool, suited for steel with R up to 45 kg/sqmm, to be used together with basic unit Art. 766 A. Supplied with 5 different moulds (4 to 12 mm).

Weight 7.5kg.

Tool with moulds only.

Fine plate cold bending mm 30x12
Fine round cold bending mm 12
Fine square cold bending mm 12

766D Each **841,00**

SCU

766D





UNIVERSAL IRON BENDERS

774G **GEDORE****Orig. Gedore - Art. 280100**

Heavy-duty model with lock and cam. Cast steel body. Hardened steel tools. Suitable for flat, round and square steel, copper and aluminium bending with R up to 370 N/sqmm (copper up to R 250 N/sqmm, aluminium up to R 160 N/sqmm). The Ø 1 1/4" bending handle can be extended with a tube.

Bar bender with tool Art. 774 RB.

Fine plate cold bending	mm	100x10
Fine plate hot bending	mm	100x20
Square/round cold bending	mm	22/25
Square/round hot bending	mm	30
L-shaped iron cold bending	mm	100x10
L-shaped iron hot bending	mm	100x12
Weight approx.	Kg	28

774G Each **2.060,00**

774RA **GEDORE****Orig. Gedore - Art. 280117**

ADDITIONAL TOOLS FOR ART. 774 G.

Multiple bends.

774RA Each **515,00**

774RB **GEDORE****Orig. Gedore - Art. 280111**

ADDITIONAL TOOLS FOR ART. 774 G.

Sharp and round edge bending tool.

774RB Each **193,00**

Product running out of stock.

774RD **GEDORE****Orig. Gedore - Art. 280115**

ADDITIONAL TOOLS FOR ART. 774 G.

Square steel edge bending tool.

774RD Each **236,00**

774RE **GEDORE****Orig. Gedore - Art. 280112**

ADDITIONAL TOOLS FOR ART. 774 G.

Round edge bending tool.

774RE Each **313,00**

Product running out of stock.

774RH **GEDORE****Orig. Gedore - Art. 280114**

ADDITIONAL TOOLS FOR ART. 774 G.

Mould for right-angle small bends.

774RH Each **185,00**



DRAIN CLEANERS PUMPS, HAND OPERATED

Prod. SCU

To clean pipelines and perform system leak tests.
 For manual or compression use at pressures of up to 8 bar. Pressure gauge up to 12 bar.
 Pump complete with pipe, 2 conical clutches and 1 splash guard Ø 21 to 170mm.

Weight	Kg	8
774S	Each	263,00

SCU **CE** **774S**



2

HYDRAULIC PUMPS FOR INSTALLATION TESTING

Prod. SCU

Sturdy construction with painted steel tank.
 Complete with pipe and cylindrical 1/2"Gas connection. Capacity 11 litres.
 For maximum pressure up to 50 bar.

Weight	Kg	10
774T	Each	274,00

SCU **CE** **774T**

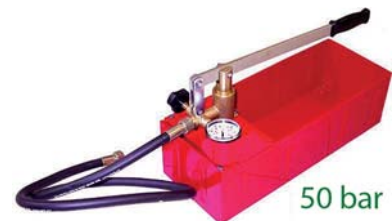


50 bar

Sturdy construction with stable painted steel basin tank.
 Complete with pipe and cylindrical 1/2"Gas connection. Capacity 12 litres.
 For maximum pressure up to 50 bar.

Weight	Kg	7
774TG	Each	259,00

SCU **CE** **774TG**



50 bar

Industrial type for high pressures.
 Sturdy construction with stable basin tank.
 Complete with pipe and cylindrical 1/2"Gas connection. Capacity 12 litres.
 For maximum pressure up to 120 bar.
 Painted sheet steel tank.

Weight	Kg	7
774TL	Each	332,00

SCU **CE** **774TL**



120 bar

Product description as Art. 774TL
 V2A stainless steel sheet tank.

Weight	Kg	8
774TP	Each	421,00

SCU **CE** **774TP**



120 bar

INOX



GULLY PUMPS

774V

SCU



Prod. SCU

Syring-type in sturdy synthetic material.
Complete with narrow adaptor union and wide suction cup Ø 100mm.

Length	mm	450
774V	Each	18,00

PIPE CLEANER SPRINGS

774Z

SCU



Prod. SCU

Coil in hardened steel, zinc-coated. Fixed handle with coil ending.
To clean clogged pipes of sinks, toilets and water traps.
Spring coil diameter 5mm.

Overall length	m	1,5	2,5	3,5
774Z	Each	5,26	8,12	10,30

774ZL

SCU



Sturdy spiral made of hardened steel, flexible, galvanized. Fixed handle and spiral terminal.
To free clogged pipes of toilets, drains, sinks, baths and siphons, etc.
Diameter of spring spiral 7 mm.

Overall length	m	5	7	10
774ZL	Each	23,80	32,10	43,40

775

SCU



Top quality model with double coil in hardened steel, very flexible, zinc-coated. Adjustable handle with crab-shaped ending. To clean clogged pipes of WC, drainage, sewers, sinks, water traps, etc.
Spring coil diameter 7mm.

Overall length	m	5	8	10
775	Each	42,30	58,30	67,50

775GA

SCU



Spring type with manual rotation and extraction.
Supplied in box, with handle. Plastic handle and coil ending.
Spring coil diameter 6mm.
Spring length 4.6m.

775GA	Each	28,20
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775GB

SCU



Spring type, spring in special zinc-plated steel, hardened, abrasion and corrosion resistant up to 1960 N/mm². Very sturdy construction with double coil and double winding. Extensible through extensions Art. 775 GD. Complete with handwheel, hand protector, spring and coil Art. 775 GE.

Length 5m. Threaded connector Ww 1/2.			
Spring Ø	mm	10	12
For pipes Ø	mm	40-70	50-100
775GB	Each	73,80	77,40

For scrapers see 1836 G from 32mm to 101 and Art. 1837 G all dimensions available.



EXTENSIONS FOR ART. 775 GB.

Length 5m. Threaded connector Ww 1/2.

For springs Ø	mm	10	12	16
775GD	Each	50,70	62,30	70,10

Size mm 16 running out of stock.

SCU

**775GD
775GDA**



EXTENSIONS FOR ART. 775 GB.

Length 10m. Threaded connector Ww 1/2.

For springs Ø	mm	10	12	16
775GDA	Each	92,70	113,00	130,00

Size mm 16 running out of stock.

SPARE TERMINALS.

Spiral-type for universal use. Threaded connector Ww 1/2.

For springs Ø	mm	10	12
775GE	Each	8,94	9,40

SCU

775GE



SPARE TERMINALS.

Conical sphere type suited to clean bent pipes. Threaded connector Ww 1/2.

For springs Ø	mm	10	12
775GF	Each	8,36	8,36

SCU

775GF



SPARE TERMINALS.

Triple-hook type, suitable for stout pipe occlusions. Threaded connector Ww 1/2.

For springs Ø	mm	10	16
775GH	Each	17,20	16,30

SCU

775GH



Size mm 16 running out of stock.

EXPANDING AND CALIBRATING PLIERS

Prod. SCU

Universal circular type with six sizes of combs to clean radiator fins. With plastic handgrip.

Number of fins per inch: 8-9-10-12-14-15.

775L	Each	27,60
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SCU

775L



TUBE EXPANDERS

Prod. SCU

Self-centring fixing plates. In special steel, hardened operating parts.

Expanders	mm	10	12	14	15	16	18	22
775P	Each	82,10	82,10	82,10	82,10	82,10	82,10	82,10

Expanders	mm	28
775P	Each	103,00

SCU

775P



Tube expanding pliers Art. 775P. Hardened steel operating parts, synthetic material ergonomic handles.

775R	Each	274,00
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SCU

775R





775S

SCU



Assortment suitable for plumbers, electricians, installers, etc.

The set contains:

4 expanding tools Art. 775P 12-14-18-22mm.

1 plier Art. 775R

1 Art. 1055GA

1 Art. 1080G

In box.

775S Each 581,00

EXPANDING AND CALIBRATING PLIERS

775V

SCU



Prod. SCU

Pliers device, practical and handy for expanding and calibrating annealed copper pipes, max thickness 1mm and plastic (polypropylene) pipes. Also used as blocking clamp for pipe lengths to be worked. Rubber covered folding handles, for comfortable use and minimum space requirement. Total length 210mm. Weight 0.5Kg.

For pipes Ø 10-12-14-16-18-20-22mm.

775V Each 86,30

FLARING TOOLS

776G
776GA

SCU



Prod. SCU

Device used for 90° flaring copper, brass, aluminium and light metal pipes. Made up of a device, 1 die to obtain a 90° flaring angle and pipe clamp.

Flaring tool complete with clamp for pipes Ø 4-4.75-6-8-10-12-14mm.

776G Each 73,50

Product description as Art. 776G

Flaring tool complete with clamp for pipes Ø 3/16-1/4-5/16-3/8-7/16-1/2-5/8 inches.

776GA Each 73,50

776GAB
776GAC
776GAD

GEDORE



Orig. Gedore - Art. 2330

Professional device for 90° and 180° simple flaring of copper, brass, aluminium and light metal pipes.

Made up of a device, 1 die to obtain a 90° flaring angle, 1 additional punch to obtain a 180° flaring angle and 1 pipe clamp.

Flaring tool complete with clamp for pipes Ø 4 - 4.75 - 6 - 8 - 10 - 12 - 14mm.

776GAB Each 174,00

Product description as Art. 776GAB

Flaring tool complete with clamp for pipes Ø 15 - 16 - 17 - 18 - 19mm.

776GAC Each 174,00

Product description as Art. 776GAB

Flaring tool complete with clamp for pipes Ø 3/16 - 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 5/8 - 3/4 inch.

776GAD Each 197,00

TOOLS FOR PIPE SETS

776GAE
776GAF

SCU



Prod. SCU

Set of tools for cutting, bending and trimming copper, brass, aluminium and light metal pipes. Ideal for refrigeration engineers, air conditioning system technicians, plumbers etc.

The set consists of:

1 pipe flaring tool Art. 776 G

4 pipe bending springs 10-12-14-16mm

1 pipe cutter from 3mm to 32

Complete set available in plastic case.

776GAE Each 159,00

Product description as Art. 776GAE

The set consists of:

1 pipe flaring tool Art. 776 GA

4 pipe bending springs 5/16-3/8-1/2-5/8 inches

1 pipe cutter from 1/8 to 1.1/4 inches

Complete set available in plastic case.

776GAF Each 159,00

Orig. Gedore - Art. 1101-233301

Product description as Art. 776GAE

The set consists of:

- 1 pipe flaring tool Art. 776 GAB
 - 1 automatic feeding pipe cutter Ø 3 to 35mm
- Complete set available in metal case.

776GAH Each **285,00**

Orig. Gedore - Art. 1101-233309

Product description as Art. 776GAE

Comprises:

- 1 pipe finisher Art. 776 GAC
 - 1 pipe cutter with automatic advance for pipes Ø 4 to 32mm
- Complete set in metal box.

776GAH 3 Each **285,00**

Orig. Gedore - Art. 1101-233307

Product description as Art. 776GAE

Comprises:

- 1 pipe finisher Art. 776 GAD
 - 1 pipe cutter with automatic advance for pipes Ø 4 to 32mm
- Complete set in metal box.

776GAH 5 Each **308,00**

GEDORE

**776GAH
776GAH 3
776GAH 5**



FLARING TOOLS

Prod. SCU

Professional device, strong clamping, automatic centring and pipe eccentric clamping. For flaring copper, brass, aluminium and light metal pipes.

Made up of a device, 1 die to obtain a 90° flaring angle, pipe clamp with pliers clamping and rotating jaws. Total length 230mm.

Complete flaring tool for pipes Ø 6-8-10-12-14-15mm.

776GL Each **64,30**

Product description as Art. 776GL

Complete flaring tool for pipes Ø 3/16-1/4-5/16-3/8-1/2-5/8 inches.

776GLA Each **64,30**

SCU

**776GL
776GLA**



FLARING TOOLS

Orig. Gedore - Art. 1101-234001

Professional tool for 90° and 180° double flaring of copper, brass, aluminium and light metal pipes with the possibility of doubling the edge according to DIN74234. Suitable for thin-drawn tubes and rolled pipes, Bundy type.

The tool is used closed in a clamp.

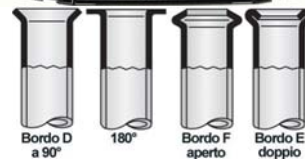
The set consists of:

- No.1 base unit
 - No.1 90° pressure roll
 - No.1 180° pressure roll
 - No. 6 punches 4.75 - 5 - 6 - 8 - 9 - 10mm
 - No.1 pipe clamp Ø 4.75 - 5 - 6 - 8 - 9 - 10mm
 - No.1 pipe cutter for pipe Ø 4 to 16mm
 - No.1 flaring cutter for inside/outside pipes Ø 4 to 32mm
- Complete set, in metal case.

776GMA Each **608,00**

GEDORE

776GMA



Orig. Gedore - Art. 234000

SPARES FOR DOUBLE FLARING TOOLS

Base unit.

776GME Each **202,00**

GEDORE

776GME



**776GMF GEDORE****Orig. Gedore**

SPARES FOR DOUBLE FLARING TOOLS

Pressure rolls complete with spacers.

Type	1	2
Supplier code	234790	234801
776GMF	Each	12,70

776GML GEDORE

SPARES FOR DOUBLE FLARING TOOLS

Punches.

For pipes Ø	mm	4,75	5	6	8	9	10
Supplier code		234204	234205	234206	234208	234209	234210
776GML	Each	14,90	14,90	14,90	14,90	14,90	14,90

776GMP GEDORE**Orig. Gedore - Art. 234101**

SPARES FOR DOUBLE FLARING TOOLS

Pipe clamp.

For pipes Ø	mm	4,75 to 10
776GMP	Each	175,00

TUBING BENDER SPRINGS**776GS SCU****Prod. SCU**

For external use. In steel wires for springs. For cold bending of annealed copper pipes.

For pipes Ø	mm	6	8	10	12	14	15	16	18	22
Overall length	mm	250	250	270	300	300	300	300	250	250
776GS	Each	3,18	4,20	4,20	5,94	7,36	8,52	8,52	9,86	9,96

777B SCU

For use inside the pipe. In steel wires for springs. With two extraction rings.

For cold bending of annealed copper pipes. Total length about mm. 1100.

Spring Ø	mm	9	11	13	15
777B	Each	4,66	5,10	5,52	6,36

TUBING BENDERS FOR LIGHT METALS**777E GEDORE****Orig. Gedore - Art. 2415**

Steel pliers model with nickel-plated and plastic handles, for mechanical workshops.

Can rotate DIN EN 1057 cooper pipes from 0° a 90°, and can be used with non-ferrous metals, precision steel pipes, and vehicle braking systems.

For pipes Ø ext	mm	4,75-6-8-10
For pipes Ø ext	inch	3/16-1/4-5/16-3/8
Overall length	mm	260
Weight	Kg	0,580
777E	Each	57,90

777G SCU
777GP**Prod. SCU**

Two-handle type with rubber handgrip on the mobile lever.

For bending aluminium, brass, annealed copper and fine steel pipes from 0° to 180°.

With pipe clamp and fixed die.

For pipes Ø ext	mm	6	8	10	12	14	15	16	18
Bending radius	mm	15	20	25	30	40	40	40	60
777G	Each	56,50	61,40	71,10	76,10	95,70	104,00	108,00	236,00

Size 18 does not have a rubber handle.

Product description as Art. 777G

For pipes Ø ext	inch	1/4	3/8	1/2
Bending radius	mm	15	25	40
777GP	Each	56,50	71,10	95,70



In die-cast type. For bending aluminium, brass, annealed copper and fine steel pipes from 0° to 180°. Suitable for bending pipes with different diameters, no die interchange required.

For pipes Ø ext	mm	6-8-10
For pipes Ø ext	inch	1/4-5/16-3/8
Overall length	mm	270
Weight	Kg	0,400
778T	Each	42,50

SCU



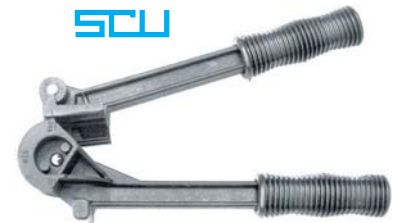
778T

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Fiberglass type, unbreakable. For bending aluminium, brass, annealed copper and fine steel pipes from 0° to 180°. Suitable for bending pipes with four different diameters, no die interchange

For pipes Ø ext	mm	4-6-8-10
Overall length	mm	260
Weight	Kg	0,350
779	Each	47,10

SCU



779

Orig. Gedore - Art. 1100-243100

Type with 1 fixed lever and 1 ratchet lever.

Suitable for bending from 0° to 180° mild copper tubes according to DIN EN 1057, without and with coating (WICU), non-ferrous metals and precision steel pipes. Thanks of the fixed matrix-holding accessory, the device can be locked in a vice or fixed on a workbench.

The set contains:

- 5 dies with guide Art. 780 PA for pipes with outside Ø mm: 6 - 8 - 10 - 12 - 15
 - 1 rod benders Art. 780 PB
 - 1 long ratchet lever, 1/2 " square drive Art. 970 RU
 - 1 dies-holder accessory Art. 780 PBL
 - 1 pipe cutter for pipes Ø 3 to 35 square drive
- In box.

780P 1	Each	1.720,00
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GEDORE

780P 1



Orig. Gedore

SPARE DIES FOR ART. 780P 1.

For pipes Ø ext	mm	6	8	10	12	14	15
For pipes WICU Ø	mm	-	-	6	8	10	-
Bending radius	mm	28	28	35	35	45	45
Supplier code		243050	243051	243053	243055	243057	243058
780PA	Each	178,00	178,00	188,00	188,00	109,00	205,00

Size mm 14 running out of stock.

GEDORE

780PA



Orig. Gedore - Art. 243010

SPARE DIES FOR ART. 780P 1.

Bending rod.

780PB	Each	188,00
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GEDORE

780PB



Orig. Gedore - Art. 243070

Product description as Art. 780PB

Support for dies, fixed.

780PBL	Each	255,00
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GEDORE

780PBL



Orig. Gedore - Art. 243040

SPARE PARTS FOR ART. 780 P 1 (Sicutool 2013).

Dies-holder accessory, fixed.

780PF	Each	64,40
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Product running out of stock.

GEDORE

780PF



**780RE GEDORE****Orig. Gedore - Art. 278500**

Clamp model for manual use with 2 levers.
Suitable for bending EN 10305-3 (DIN 2394) precision steel tubes from 0° to 180° with a thickness of 0.75 to 1 mm, and malleable stainless steel tubes with a thickness of 1 mm.
The item can also be used to attach fittings to a bench, or in a vice by using the single rod bender.

Comprises:

4 dies Art. 780 RF for pipes with external Ø of: 3 to 4 - 5 to 6 - 7 to 8 - 10mm
1 base element Art. 780 RG
1 bending rod Art. 780 RH
Boxed.

780RE Each **337,00**

780RF GEDORE**Orig. Gedore - Art. E 2785**

PARTS LIST AS for Art. 780 RE.

In strong aluminium alloy.

Size	4	5	6	8	10
For pipes ext Ø by	mm 3 to 4	5	6	8	10
Bending radius	mm 14	16	16	24	29
780RF	Each 29,30	29,30	29,30	31,30	32,80

780RG GEDORE**Orig. Gedore - Art. 278570**

SPARE PARTS AS for Art. 780RE.

Pipe bending base element.

780RG Each **118,00**

780RH GEDORE**Orig. Gedore - Art. 278581**

Product description as Art. 780RG

Bending rod with rubber grip.

780RH Each **71,10**

780RL GEDORE**Orig. Gedore - Art. 278600**

Lever model for adding fittings to a bench or in a vice.

For bending EN 10305-3 (DIN 2394) steel precision pipes from 0° to 180°, EN 10305-1 (DIN 2391) hydraulic pipes with a thickness of 1 - 2 mm, and malleable stainless steel pipes with a thickness of 1-1.5 mm.

Comprises:

6 dies Art. 780 RM for pipes with external Ø of: 6 to 8 - 10 to 12 - 14 - 15 - 16 - 18mm
1 base element Art. 780 RO
1 bending rod Art. 780 RP
Boxed.

780RL Each **588,00**

780RM GEDORE**Orig. Gedore - Art. E 2786**

PARTS LIST AS for Art. 780 RL.

In strong aluminium alloy.

Size	6	8	10	12	14	15	16	18
For pipes ext Ø by	mm 6	8	10	12	14	15	16	18
Bending radius	mm 32	32	36	36	36	43	43	50
780RM	Each 35,60	35,60	38,60	38,60	38,60	45,90	45,90	45,90

780RO GEDORE**Orig. Gedore - Art. 278670**

SPARE PARTS AS for Art. 780RL.

Pipe bending base element.

780RO Each **111,00**

780RP GEDORE**Orig. Gedore - Art. 278681**

Product description as Art. 780RO

Bending rod with rubber grip.

780RP Each **167,00**



Orig. Gedore - Art. 278700

Single lever model for adding fittings to a bench or in a vice.
For bending EN 10305-3 (DIN 2394) steel precision pipes from 0° to 180°, EN 10305-1 (DIN 2391) hydraulic pipes with a thickness of 1.5 - 2.5 mm, and malleable stainless steel pipes with a thickness of 1.5-2 mm.

Comprises:

- 3 dies Art. 780 RT for pipes with external Ø of: 20 - 22 - 25mm
 - 1 base element Art. 780 RV
 - 1 bending rod Art. 780 RZ
- Boxed.

780RS	Each	1.030,00
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780RS



Orig. Gedore - Art. E 2787

PARTS LIST AS for Art. 780 RS.

In strong aluminium alloy.

For pipes ext Ø by	mm	20	22	25
Bending radius	mm	85	85	85
780RT	Each	155,00	155,00	155,00



780RT



Orig. Gedore - Art. 278770

SPARE PARTS AS for Art. 780RS.

Pipe bending base element.

780RV	Each	283,00
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780RV



Orig. Gedore - Art. 278781

Product description as Art. 780RV

Bending rod with rubber grip.

780RZ	Each	286,00
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780RZ



Orig. Gedore - Art. 278200

One-lever type to be necessarily installed on a bench or vice.
Suitable for bending precision light steel pipes and hydraulic pipes from 0° to 180°.

The set consists of:

- No.3 dies Art. 780 SM for pipes ext. Ø 20 - 22 - 25mm
- No.1 base unit Art. 780 SP 1
- No.1 bending rod Art. 780 SP 2

In case.

780SL	Each	640,00
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780SL



Product running out of stock.

Prod. SCU

Lever-type. Mechanical advancement and rapid return by lever, one-hand operated. Body and operating parts in aluminium alloy. Not suitable for thin steel pipes. Equipped with dies for bending aluminium, brass, annealed copper from Ø 10 to 22mm and rigid or soft coating from Ø 10 to 18mm. Adjustable counter-dies for all measures.

With no. 7 dies for pipes ext. Ø mm. 10-12-14-16-18-20-22.

In plastic case.

780T	Each	265,00
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Dies for pipes ext. Ø mm. 26 is available on request.



780T



SPARE DIES FOR ART. 780 T.

For pipes Ø ext	mm	10	12	14	15	16	17	18	
Bending radius	mm	35	40	48	50	58	67	69	
780V	Each	16,50	17,60	18,90	20,20	20,20	21,40	22,30	
For pipes Ø ext	mm	20	22						
Bending radius	mm	76	88						
780V	Each	26,90	33,50						



780V





783A

SCU CE



Mechanical advancement and traction, ratchet reducer operated. Not suitable for thin steel pipes. Easily carriable, for easy bending of installed pipe lines. Equipped with suitable dies for bending aluminium, brass, annealed copper pipes from Ø 10 to 22mm. Adjustable counterdies for all sizes.

With no. 7 dies for pipes ext. Ø mm. 10-12-14-16-18-20-22.
In plastic case.

783A Each **265,00**

For spare dies see Art. 780 V

SCREW TUBING BENDERS

784

SCU



Prod. SCU

Sturdy and easily carriable. With ratchet wrench and 5 dies for cold bending of empty pipes. To be installed on vice or pipe desk.

For gas or water pipes. Not suitable for thin steel pipes.

For pipes 1/4-3/8-1/2-3/4-1 inches.

In box.

784 Each **805,00**

For spare dies 3/8" to 1" see Art. 785 M. 1/4" die available on request.

HYDRAULIC PIPE BENDERS

784P

SCU



Prod. SCU

Body and dies in light alloy.

Rotating fork for all-position use.

Hand-operated hydraulic pump. For aluminium, annealed copper, annealed brass, annealed steel, CHIBRO and MANNESMANN, V2A stainless steel up to Ø 16x1,5mm.

GAS pipes Ø 1/2, MEPLA, GEBERIT and similar pipes up to Ø 26mm.

Light type with no. 9 dies Ø mm. 10-12-14-15-16-18-20-22-26 (mm. 26 only for MEPLA, GEBERIT or similar pipes).

In plastic case.

784P Each **503,00**

784R

SCU



Body and dies in light alloy.

Rotating fork for all-position use.

Hand-operated hydraulic pump. For aluminium, annealed copper, annealed brass, annealed steel, CHIBRO and MANNESMANN, V2A stainless steel up to Ø 16x1,5mm.

GAS pipes Ø 1/2, MEPLA, GEBERIT and similar pipes up to Ø 26mm.

Professional type with very powerful pump. With no. 11 dies Ø mm. 10-12-14-15-16-18-20-22-24-26-1/2 gas. (mm. 26 only for MEPLA, GEBERIT and similar).

In plastic case.

784R Each **703,00**

SPARE DIES FOR ART. 784 P - R.

For pipes Ø	mm	10	12	14	15	16	18	20	22	24	26
Bending radius	mm	25	35	40	48	60	60	60	70	70	70
O784U	Each	37,70	37,70	50,20	50,20	62,80	62,80	62,80	75,40	75,40	75,40

784W

SCU



ADDITIONAL DIES ONLY FOR ART. 784 R

For steel, MANNESMANN and CHIBRO, semicrude copper, MEPLA, GEBERIT and pipes with thick up to 1,5mm (from 24mm to 35mm only for coated pipes MEPLA, GEBERIT and similar).

For pipes Ø	mm	18	19	22	24	25	26	30
Bending radius	mm	70	70	110	110	110	110	110
784W	Each	75,40	87,90	101,00	113,00	126,00	139,00	139,00

For pipes Ø	mm	32	35	40
Bending radius	mm	110	110	120
784W	Each	101,00	139,00	101,00

COUPLES OF ADDITIONAL ARMS

Necessary to install 784 W dies 22 to 40mm on 784 R pipe bender pump. To bend coated pipes from 32mm to 40mm and to bend pipes MEPLA, GEBERIT, STARGAS, etc.

O784W Per pair **151,00**



Device used for bending and straightening pipes. For right or left bends.
For cold bending of empty gas pipes up to 90°. Mini model.
With 4 dies for pipes ranging from 3/8-1/2-3/4-1 inches (mm 17-21-27-33).
Complete in case.

784Z Each **966,00**

SCU

784Z



2

Device used for bending and straightening pipes. For right or left bends.
For cold bending of empty gas pipes up to 90°.
Very powerful pump.
With 5 dies for pipes ranging from 3/8-1/2-3/4-1- 1.1/4 inches (17-21-27-33-42mm).
Complete boxed set.

785A Each **1.180,00**

Product description as Art. 785A

With 6 dies for pipes ranging from 3/8-1/2-3/4-1-1.1/4- 1.1/2 inches (mm 17-21-27-33-42-48).

785B Each **1.260,00**

Product description as Art. 785A

With 7 dies for pipes ranging from 3/8-1/2-3/4-1-1.1/4-1.1/2-2 (mm 17-21-27-33-42-48-60).

785C Each **1.850,00**

Product description as Art. 785A

With 9 dies for pipes ranging from 3/8-1/2-3/4-1-1.1/4-1.1/2-2-2.1/2-3 inches (mm 17-21-27-33-42-48-60-75-88).

785D Each **2.960,00**

Product description as Art. 785A

With 11 dies for pipes ranging from 3/8-1/2-3/4-1-1.1/4-1.1/2-2-2.1/2-3-3.1/2-4 inches (mm 17-21-27-33-42-48-60-75-88-100-113).

785E Each **4.520,00**

SCU

785A
785B
785C
785D
785E



DIES FOR HYDRAULIC TUBING BENDERS ART. 784 Z - 785 A-B-C-D-E.

For pipes Ø	inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2
Bending radius	mm	45	55	70	95	135	155	200	320
785M	Each	51,90	58,80	76,10	101,00	132,00	173,00	277,00	484,00
For pipes Ø	inch	3	3.1/2	4					
Bending radius	mm	350	540	600					
785M	Each	623,00	267,00	329,00					
For pipes Ø	mm	10	12	14	16	18	20	22	24
Bending radius	mm	35	35	40	45	45	55	55	55
785M	Each	55,30	58,80	62,20	65,70	69,20	69,20	93,30	101,00
For pipes Ø	mm	26	28	30	32	35	38	40	
Bending radius	mm	70	70	70	90	95	95	130	
785M	Each	108,00	121,00	128,00	135,00	149,00	166,00	177,00	

SCU

785M



Device used for bending and straightening DIN 2440 pipes. For right or left bends.
For cold bending of empty gas pipes up to 90°.
Very powerful pump. Equipped with 3 support legs and 1 control lever with handle.

With no. 6 dies for pipes ranging from 1/4-3/8-1/2-3/4-1-1.1/4-1.1/2-2. (Only one die is used for bending Ø 1/4-3/8 and 1/2).
Complete in case.

785TG Each **1.830,00**

SCU

785TG





785VG



SPARE DIES FOR ART. 785 TG.

For pipes Ø	inch	3/8-1/2	3/4	1	1.1/4	1.1/2	2
Bending radius	mm	63	78	98	128	148	202
785VG	Each	21,00	30,40	51,30	135,00	135,00	192,00

The die for pipes from 3/8 -1/2 inches is also used for bending pipes from ¼ inches.

**786A
786B**



Orig. Gedore - Art. 246010

Pipe bender. For right or left bends.

For cold bending of the following empty pipes up to 180°: stainless steel pipes up to Ø 22mm, max. thickness 1.5mm, soft and annealed copper pipes DIN EN 1057 up to Ø 28mm, hydraulic pipes and mild steel pipes up to Ø 28mm, max. thickness 2mm, gas and water pipes DIN 2440 Ø 3/8-1/2-3/4.

Sturdy body and very powerful pump (60 kN).

Equipped with 3 support legs and 1 control lever with handle.

In transport case.

Without dies.

786A	Each	4.160,00
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Product running out of stock.

Orig. Gedore - Art. 246100

Product description as Art. 786A

The set contains a pipe bender Art. 786 A and 5 dies Art. 786 E 12-15-18-22-28mm.

786B	Each	5.710,00
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Product running out of stock.

786E



Orig. Gedore - Art. E 246

DIES PROVIDED WITH GUIDE ART. 786 A-B TO BEND HYDRAULIC PIPES.

For pipes Ø	mm	6	8	10	12	14	15	16
Bending radius	mm	35	35	45	45	55	55	75
786E	Each	234,00	234,00	234,00	234,00	259,00	259,00	306,00
For pipes Ø	mm	18	22	25	28			
Bending radius	mm	75	85	85	112			
786E	Each	306,00	334,00	334,00	364,00			

Product running out of stock.



Prices, contents and images, stock and weight can be integrated with the ERP and the e-shop.



CHOICE AND USE

Here are **THE SICUTOOLS** made to pass from hand to hand the information necessary to choose and use the products of the Sicutool catalogue.

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Web catalogue

The web catalogue, also available in English, offers multimedia content, updates and interactive tools

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Each month the online browsable catalogue version shows corrections and updates on items that are no longer available

► www.sicutool.it/flip-book

NEW!

NEW ITEMS GROUP 3

GEDORE



TORQUE WRENCHES

798GPE, 803F, 810GF
▶ P. 194, 198, 211

GEDORE



INSERTS WITH CAPTIVE PIN DRIVE

803FA-FB-FC-FD-FE-FH ▶ P. 198

GEDORE



ROLLER WRENCHES

817G, 822G
▶ P. 214-215



836G

Adjustable sector wrenches for torque clamping ▶ P. 217

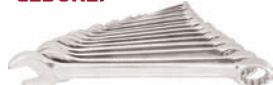
GEDORE



FIXED WRENCHES AND COMBINED WITH RATCHET

874GRA, 879GH ▶ P. 230, 236

GEDORE



COMBINED WRENCHES IN SET

878G-GEL-GEP-GFA-GFP
▶ P. 232



RATCHET WRENCHES

892E-F
▶ P. 245



SOCKET HEAD SCREW WRENCHES

912E, 912GSP, 913GDT
▶ P. 256-257, 261



ALLEN HEAD SCREW WRENCHES

913GF 1, 913GFE-GFH-GVP
▶ P. 262-263, 265



FIXED AND ALLEN HEAD "T" WRENCHES

919P, 920E - 921MT ▶ P. 273-274

GEDORE



926A

Chromium-vanadium steel cross head wrenches ▶ P. 278

GEDORE



SOCKET WRENCHES DIN 3120-ISO 1174

946GHE, 971RLG-RQV
▶ P. 287, 315-316



SPARE PARTS FOR SOCKET WRENCHES

947GD-GE, 956RGA-RHF
▶ P. 288-289, 298

GEDORE



RATCHET LEVER

947GF-GL-GRL, 956RPA-RPE-RTP, 970VC, 971RSA-RSE-RTL, 985A
▶ P. 289, 299, 309, 316-317, 350

GEDORE



970RAL

Insert wrenches 1/2" drive DIN 3120-ISO 1174 in series ▶ P. 306

GEDORE



SOCKET WRENCHES IN SET

971GTP, 972GT-GV, 982G 45
▶ P. 313, 319-320, 328

GEDORE



ACCESSORIES FOR SCREWDRIVER SOCKETS

982P, 982RL 0 ▶ P. 335, 337

WITTE



BIT-HOLDER HANDLES WITH MAGNETIC DRIVE

984GR 5-6, 984GTA-GTB-GTE-GTP
▶ P. 347-349



996PA

Battery control devices
▶ P. 366

GEDORE



MODULES WITH TOOLS FOR TROLLEY ART. 998 G 8A

998G 9LE-9MA-9MC-9RV-9ZA-9ZE
▶ P. 368-370

GEDORE



999GA

Bench trolleys and tool holders
▶ P. 372



1001T

Valve wrenches in special, hardened steel
▶ P. 378



1032GE

Combined pipe wrenches for heavy work ▶ P. 379



PIPE CUTTERS FOR PLASTIC MATERIALS

1052C-D-GLR
▶ P. 382-383



WRENCHES AND ACCESSORIES, PIPE WRENCHES TROLLEYS, WORKSHOP FURNITURES

All items are in sequence. It's very easy to find them!



Torque screwdriver testers
Torque wrenches
Torque screwdrivers
Inserts - Torque multipliers

From **793G 10**
To **814GP**



Adjustable wrenches
Hook spanners
Caliper spanners
Wrenches for ring nuts

From **817G**
To **842V**



Ring and slugging spanners
Adjustable fixed wrenches
Ratchet and friction wrenches

From **843G**
To **894GT**



Wrenches for convectors & scaffolds
Nut drivers with handle
Double ended socket wrenches
Offset socket wrenches
Square, triangular and cross socket wrenches
Spark plug spanners-"T" wrenches-Cross wrenches

From **895G**
To **926G**



Tire levers
Tow bars

From **927GS**
To **933G**



Interchangeable head wrenches set
Socket sets and accessories
Reducers and converters

From **940GA**
To **981GV**



Hexagon impact socket wrenches

From **981GZ**
To **982RTE**



Screwdrivers for electronics
Screwdrivers Dremo Plus
Inserts
Bit handles

From **982RVA**
To **985A**



Tool sets - Panels
Cabinets and benches
Batteries tools
Tool trolleys
Modules for tool trolleys

From **985G 3**
To **1000G 40**



Pipe wrenches
Pipe cutters
Pipe reamers

From **1001T**
To **1085**



TORQUE SCREWDRIVER TESTERS

793G 10

**Orig. Torqueleader - Art. MTP 10**

Precision device for calibration of mechanical, right- and left-hand use torque screwdrivers. Sturdy sheet steel body.

Fastening to workbench. Level for precise positioning.

Double scale cNm / ozf.in.

Tolerance $\pm 2\%$.

Weight 1 Kg.

Actual capacity cNm 0-10

Actual capacity ozf.in 0-14

Scale division 0,5 cNm/1 ozf.in

Drive inch 1/4

793G 10 Each 1.120,00

Art. 793 G 10 have 1/4 male hex. drive.

When stocks will be run out, will be shipped the same item marked Gedore.

793G 35



793GA

793GB

793GC

793GD

**Orig. Torqueleader**

Precision device for calibration of mechanical, right-hand use torque screwdrivers. Measured value indicator.

Die-cast aluminium body. Insensitive to temperature variation.

Fastening to workbench. Double scale Nm (cNm) / lbf.in (ozf.in).

Tolerance $\pm 2\%$.

Weight 3,2 Kg.

Art.

Actual capacity

Actual capacity

Scale division

Drive

Supplier code

	793G 35	793GA	793GB
Art.	7-35 (cNm)	26-130 (cNm)	0,8-4
Actual capacity	Nm 7-35 (cNm)	26-130 (cNm)	0,8-4
Actual capacity	lbf.in 10-50 (ozf.in)	36-180 (ozf.in)	7-36
Scale division	0,5 cNm/0,5 ozf.in	2 cNm/2 ozf.in	0,05 Nm/0,5 lbf.in
Drive	inch 1/4	1/4	1/4
Supplier code	MTS 35	MTS 130	MTS 400
Each	1.430,00	1.430,00	1.430,00

Art.

Actual capacity

Actual capacity

Scale division

Drive

Supplier code

	793GC	793GD
Art.	2,4-12	5-25
Actual capacity	Nm 2,4-12	5-25
Actual capacity	lbf.in 24-120	44-220
Scale division	0,2 Nm/2 lbf.in	0,5 Nm/5 lbf.in
Drive	inch 1/4-3/8	1/4-3/8
Supplier code	MTS 1200	MTS 2500
Each	1.430,00	1.430,00

Art. 793 G 35 - 793 GA - 793 GB have 1/4 square drive and 1/4 male hex. drive.

Products running out of stock.

ELECTRONIC TORQUE WRENCH TESTERS

793GF



793GH

793GL

793GM

793GP

**Orig. Gedore**

Charge cell electronic device, easy to use for measuring the torque moment. This device allows rapid checking of mechanical torque wrenches and digital torque wrenches with horizontal D rotation movement. Can be fastened to workbench. Scale in Nm and lbf.ft. Tolerance: Tolerance: $\pm 1\%$ for each scale reading, ± 1 digit. Auto reset by unplugging for approx. 5 seconds.

Provided with manufacturer's certificate and RS232 serial interface.

With external power feeder 120/240 V.

Art.

Actual capacity

Scale division

Hexagonal drive

Square drive

Weight

Supplier code

	793GF	793GH	793GL
Art.	0,2-12	0,9-55	9-320
Actual capacity	Nm 0,2-12	0,9-55	9-320
Scale division	0,01 Nm	0,01 Nm	0,1 Nm
Hexagonal drive	mm 6,3	10	17
Square drive	inch 1/4 and 3/8	1/4 and 3/8	3/8 and 1/2
Weight	Kg 3	3	3
Supplier code	8612-012	8612-050	8612-300
Each	1.730,00	1.600,00	1.600,00

Art.

Actual capacity

Scale division

Hexagonal drive

Square drive

Weight

Supplier code

	793GM	793GP
Art.	90-1100	500-3150
Actual capacity	Nm 90-1100	500-3150
Scale division	1 Nm	1 Nm
Hexagonal drive	mm 36	-
Square drive	inch 1/2 and 3/4	1 and 1.1/2
Weight	Kg 10	26
Supplier code	8612-1000	8612-3150
Each	2.230,00	3.370,00



Orig.Torqueleader - Art. 036700 CAPTURE DISPLAY + Art. 036246 CAVO

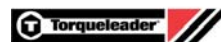
Display with clear digits of the CAPTURE system to measure the torque according to DIN EN ISO 6789 of screwdrivers and torque wrenches with R+L rotation; opportunity to download the results of the tests on the computer via USB connection. Aluminium body, easy to use, simple to connect via cable to the application sensors and to the rotary encoders of the torque tools. Ideal for use in static control laboratories or for mobile use in the collection of data using the built-in memory and a rechargeable Lithium battery. Chance to integrate with transducers with a standard 2 mLV/V connection. Supplied in a sturdy and practical plastic box for transport and protection. Connection cable to the sensors and to the transducers. Dimensions 170x140x80mm.

793GRA Each **4.830,00**

Available on request:

Replacement cables for connection to sensors and transducers Art. 793 GSA-B (Art. 036246); connecting cables to the transducers 2 MLV/V (Art. 036226).

When stocks will be run out, will be shipped the same item marked Gedore



793GRA



3

Orig.Torqueleader - Art. CAPTURE SENSOR

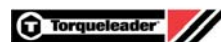
Measurement sensors for the simple and fast transmission of the tightening force of the manual torque tools to the control display Art. 793 GRA, via cable. Body in aluminium alloy, which can be mounted horizontally or vertically. Supplied with UKAS certificate in accordance with BS 7882: 2008 Class 1 (English correspondent of the ACCREDIA certification), with robust and practical plastic box for transport and protection.

Size		2	10	50	250	1500
Actual capacity	Nm	0,2-2	1-10	5-50	25-250	150-1500
Square drive	inch	1/4	1/4	3/8	1/2	1
Weight	Kg	0,500	0,500	0,570	1,450	4
Supplier code		CS 2	CS 10	CS 50	CS 250	CS 1500
793GSA	Each	2.590,00	2.630,00	2.650,00	2.980,00	4.520,00

Supplied on request:

Support for rapid sensor change (Art. 036 772).

When stocks will be run out, will be shipped the same item marked Gedore.



793GSA

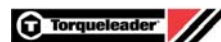


Orig.Torqueleader

Accurate rotary measurement transducers for the simple and fast transmission of the tightening force of the manual torque tools to the control display Art. 793 GRA, via cable. Stable metal body, well-designed to avoid precision errors even in the presence of applications with strong vibrations. Tolerance ± 0.3% on maximum force applied.

Size		2	5	20
Actual capacity	Nm	0,2-2	0,5-5	2-20
Male/female hexagonal drive	inch	1/4	1/4	1/4
Max no. rev/min continuous		5000	5000	5000
Max no. of rev/min intermittent		11000	11000	11000
Weight	Kg	0,210	0,210	0,210
Supplier code		XR 2 HD	XR 5 HD	XR 20HD
793GSB	Each	7.290,00	7.290,00	7.290,00

When stocks will be run out, will be shipped the same item marked Gedore.



793GSB



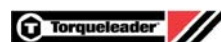
Orig.Torqueleader - Art. 036710 CAPTURE MANAGER

CAPTURE system software that allows for quick and easy analysis of the data of the tightening torque tools thanks to integration with the system for PC MICROSOFT EXCEL®. It allows to store an unlimited number of tools and data in the PC that can be uploaded and downloaded from the DISPLAY Art. 793 GRA via USB connection.

The clear and simple use of this software allows you to perform tests according to ISO 6789:2003 ensuring the proper operation of the torque tools. The same can also become traceable by generating customizable calibration certificates according to the above mentioned regulations.

793GSE Each **778,00**

When stocks will be run out, will be shipped the same item marked Gedore.



793GSE



**793GT GEDORE**Con uno strumento
diversi posizionamenti**Orig. Gedore**

Charge cell electronic device for the measurement of the turning moment. Sturdy aluminium alloy body. Used for checking torque wrenches with RIGHT+LEFT rotation according to DIN EN ISO 6789. Positionable both horizontally and vertically. The large-easy reading display may be positioned directly in the device body (except for Art. 793 GT 15) or separately, by means of a provided support and cable, in the operator's most visible point.

Precision: $\pm 1\%$ for each scale value, ± 1 digit.

Reading commutation Nm, cNm, lbf-ft, lbf-in.

Provided with certification in compliance with the main national samples.

External 12/240 V charger.

Operating temperature from $+ 10\text{ C}^\circ$ to $+ 40\text{ C}^\circ$.

Fastening to benchwork or for wall mounting.

Dimensions mm 245x155x150h.

Weight 7Kg (793 GT 15 mm 120x80x80h weight 1.5Kg).

In sturdy box.

Size		15	100	500	1000
Actual capacity	Nm	0,5-15	4-100	20-500	50-1000
Scale division		0,01 Nm	0,01 Nm	0,1 Nm	0,1 Nm
Square drive	inch	1/4	1/2	3/4	3/4
Reductions	inch	-	1/4 and 3/8	3/8 and 1/2	3/8 and 1/2
Supplier code		ETP 15	ETP 100	ETP 500	ETP 1000
793GT	Each	5.450,00	5.450,00	5.450,00	5.450,00

Art. 793 GT 15 is equipped with a friction safety device against surcharge. In case of block, use wrench Art. O793 GT 15, included.

"T" wrenches with square drive 1/4" for device release Art. 793 GT 15.

O793GT 15	Each	24,10
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DIGITAL DYNAMOMETER DEVICES**794A**

SCU

1/4"

1/2"

**Prod. SCU**

Practical and light model which can be inserted in between the ratchet lever and its socket to detect the torque value. Body made of reinforced synthetic material, functional parts in steel.

Precision $\pm 2\%$.

Memory capacity for 50 measurements, display resolution 0.1, selectable units: kg/cm - kg/m - lb/in - lb/ft - N/m. Battery power mod. CR 2032 (Art. SCU 3600 T), not included. Sleep function.

Peaking / tracking operating modes.

Female/ male square drive	inch	1/4	1/2
Tightening capacity	Nm	6-30	40-200
Dimensions	mm	75x44	75x44
Weight	grams	124	181
794A	Each	157,00	157,00

PRECISION TORQUE WRENCHES**794G 5 GEDORE**

1/4"

**Orig. Gedore - Art. 753-11**

Click type. In synthetic material, resistant to fats, oils and hydrocarbons by-products.

Precise adjustment through handle grip ring nut.

Double scale graduation with readings in Nm, lbf. in. Audible acoustic signal ("click") on reaching preset torque value.

Clockwise tightening.

Supplied with test certificate in accordance with DIN ISO 6789.

Supplied in box.

Male square drive	inch	1/4
Tightening capacity	Nm	2,5-12
Tightening capacity	lbf.in	18-106
Scale division		0,5 Nm/5 lbf.in
Overall length	mm	210
Weight	Kg	0,250
794G 5	Each	425,00

794G 8 GEDORE

1/4"

**Orig. Gedore - Art. 753-03/13**

ASSORTED SETS OF TOOLS WITH TORQUE WRENCH

The set contains:

- 1 x Art. 794G 5 torque wrench 1/4 drive
- 8 x 4-5-5.5-6-7-8-9-10mm hexagonal sockets
- 1 x screwdriver handle 1/4 drive
- 4 x 3-4-5-6mm hexagonal tip sockets
- 3 x 4-5.5-6.5 flat tip sockets
- 3 PHILLIPS sockets size 1-2-3
- 3 x 20-27-30 TORX T. sockets
- 2 x 55-100mm extensions
- 1 x ratchet mechanism 1/4 drive

794G 8	Each	810,00
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TORQUE SCREWDRIVERS WITH FIXED TORQUE VALUE

Prod. SCU - Orig. Wiha

Types supplied already pre-set (without scale), with torque values recommended by the manufacturers of tools with mechanical fastening plates (from 0.5 Nm to 5 Nm, with a tolerance of ± 10%). Once the pre-set torque value has been reached, you will hear a click sound, also detectable by touch. Protected unscrewing function. Ergonomic handles made of soft bi-component material to be used with 4 mm hexagonal blades in different shapes Art. 794 G 8F-G-H-L-M-P-R, with bit-holder Art.794G 8T and socket-holders Art. 794 G 8V.
Handle length 130 mm. For right-hand use.

SCU

794G 8E



DYNAMOMETRIC HANDLES WITHOUT BLADES

Tightening value	Nm	0,5	0,6	0,9	1,1	1,2	1,4	2
794G 8E	Each	69,90	69,90	69,90	69,90	69,90	69,90	73,10
Tightening value	Nm	2,5	3	3,8	4	4,5	5	
794G 8E	Each	73,10	73,10	73,10	74,80	74,80	74,80	

**When choosing blades, the maximum torque of the same should be considered.
For handle torque + insulated blade VDE 1000V, see. Art. 350 GA.**

Made with CHROME-VANADIUM-MOLYBDENUM steel, hardened, matt chrome. Chrom Top® tip for maximum precision. Blade length 175mm.

BLADES FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 9F

With TORX tip. Colour code: DARK GREEN:

TORX size	T	5	6	7	8	9	10	15	20	25
For screws	M.	1,6	2-2,2	2,5	2,5-2,9	3	3-3,5	3,5-4	4-5	5-6
Max torque	Nm	0,4/0,5	0,6	0,9	1,3	2,5	3,8	5,5	8,0	8,0
794G 8F	Each	9,50	9,50	9,50	9,50	9,50	9,50	9,50	9,50	9,50

**In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.
On request it can be supplied tipped blades Torx and retaining screw spring.**

SCU

794G 8F



Product description as Art. 794G 8F

BLADES FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 9F

With TORX-PLUS® tip. Colour code: LIGHT GREEN.

TORX-PLUS size	IP	5	6	7	8	9	10	15	20	25
For screws	M.	1,6	2-2,2	2,5	2,5-2,9	3	3-3,5	3,5-4	4-5	5-6
Max torque	Nm	0,5	0,8	1,3	2,0	3,0	4,5	6,6	8,0	8,0
794G 8G	Each	9,58	9,58	9,58	9,58	9,58	9,58	9,58	9,58	9,58

**In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.
On request it can be supplied tipped blades Torx PLUS and retaining screw spring.**

SCU

794G 8G



Product description as Art. 794G 8F

BLADES FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 9F

With flat tip. Colour code: GREY

Size		2	2,5	3	3,5	4
Cutting edge	mm	2x0,4	2,5x0,4	3x0,5	3,5x0,6	4x0,8
Max torque	Nm	0,4/0,5	0,4	0,6	1,1	2,5
794G 8H	Each	9,50	9,50	9,50	9,50	9,50

In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.

SCU

794G 8H



Product description as Art. 794G 8F

BLADES FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 9F

With PHILLIPS tip. Colour code: BLUE.

Size		000	00	0	1	2
For screws	M.	-	-	1,6-2	2-3	3,5-5
Max torque	Nm	0,4/0,5	0,4/0,5	0,9	3,8	5,5
794G 8L	Each	9,50	9,50	9,50	9,50	9,50

In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.

SCU

794G 8L



Product description as Art. 794G 8F

BLADES FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 9F

With POZIDRIV tip. Colour code: LIGHT BLUE

Size		0	1	2
For screws	M.	1,6-2	2-3	3,5-5
Max torque	Nm	0,9	3,8	5,5
794G 8M	Each	9,50	9,50	9,50

In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.

SCU

794G 8M





794G 8P

SCU



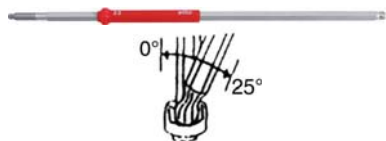
Product description as Art. 794G 8F
BLADES FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 9F
With HEXAGONAL tip. Colour code: RED.

Hexagon	mm	1,3	1,5	2	2,5	3	4
Max torque	Nm	0,4/0,5	0,9	1,8	3,8	5,5	8,0
794G 8P	Each	9,50	9,50	9,50	9,50	9,50	9,50

In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.

794G 8R

SCU



Product description as Art. 794G 8F
BLADES FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 9F
With HEXAGONAL BALL TIP. Colour code: RED.

Hexagon	mm	1,5	2	2,5	3	4
Max torque	Nm	0,4/0,5	0,9	2,0	3,8	8,0
794G 8R	Each	9,50	9,50	9,50	9,50	9,50

In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.

794G 8T

SCU



Made with CHROME-VANADIUM-MOLYBDENUM steel, hardened, matt chrome. Stainless steel socket covered in plastic.
Hexagonal female connection 1/4".

BIT-HOLDER FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 9F

Overall length	mm	162
794G 8T	Each	26,20

794G 8V

SCU



Made with CHROME-VANADIUM-MOLYBDENUM steel, hardened, matt chrome.
1/4" male square drive.

SOCKET-HOLDER FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 9F

Overall length	mm	155
794G 8V	Each	14,80

TORQUE SCREWDRIVERS

794G 9F

SCU



Prod. SCU - Orig. Wiha

Particularly suitable for controlled clamping of bands and plates with mechanical clamping. Soft material ergonomic handles, with continuous adjustment of the torque value using the provided tool. When reaching the preset torque, you hear a shutter sound detectable by touch. unscrewing protected function.

For use with hexagonal blade 4 mm with different screws Art. 794 G 8F-G-H-L-M-P-R, with bit-holders Art. 794 G 8T and tap holder Art. 794G 8V.

Handle length 130 mm.

For right-handed use.

Supplied with the calibration certificate according to DIN ISO 6789 standards, with tolerance ± 6% for each value of the scale.

DYNAMOMETRIC HANDLES WITHOUT BLADES

Size		0,6	1	2	5	8
Tightening capacity	Nm	0,1-0,6	0,4-1	0,5-2	0,8-5	2-7
794G 9F	Each	263,00	194,00	216,00	221,00	238,00

In the choice of the blades must comply with the maximum torque of the blades.

TORQUE SCREWDRIVER SETS

794G 9VD

GEDORE



Orig. Gedore - Art. 2140-3,0-025

The set contains:

- No.1 x torque handle 1/4 drive, clamping capacity 1.5-3 Nm
 - No.9 x bihexagonal sockets Art. 941 RAB 4-4,5-5-5,5-6-7-8-9-10mm
 - No.1 x dual-component handle with 1/4" hexagonal drive, 90mm
 - No.1 x magnetic bit-holder
 - No.1 x socket-holder
 - No.1 x internal hexagonal wrench Art. 914 G 6mm
 - No.2 x flat-tip bits Art. 983 GA 4 - 6.5mm
 - No.6 x internal hexagonal bits Art. 983 GL 2 - 2.5 - 3 - 4 - 5 - 6mm
 - No.3 x cross-tip bits PH Art. 983 GC 0 - 1 - 2
- In plastic case. Complete set.

794G 9VD	Each	222,00
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Product running out of stock.



TORQUE SCREWDRIVERS

Prod. SCU - Orig. Wiha

Type particularly suitable for the controlled tightening of high torques.
 Soft material ergonomic "T" handles, with continuous adjustment of the torque value using the provided tool. When reaching the preset torque, you hear a shutter sound detectable by touch. unscrewing protected function. For use with hexagonal blade 6 mm with different screws Art. 794 G 9VL-M-P, with bit-holders Art. 794 G 9VR and tap holder Art. 794G 9VT.
 Handle length 120 mm. For right-handed use.
 Supplied with the calibration certificate according to DIN ISO 6789 standards, with tolerance ± 6% for each value of the scale.

SCU

794G 9VH



Clamping capacity Nm 5-14.

794G 9VH	Each	357,00
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In the choice of the blades must comply with the maximum torque of the blades.

Type made of CHROME-MOLYBDENUM-VANADIUM steel, hardened, matt chrome. Chrom Top® tip for precision sealing. Blade length 130 mm.

BLADES FOR DYNAMOMETRIC HANDLES 794 G 9VH

Type with TORX tip. Color code: DARK GREEN.

TORX size	T	15	20	25	27	30	40
For screws	M.	3,5-4	4-5	5-6	-	6	8
Max torque	Nm	5,5	10	15	15	15	15
794G 9VL	Each	13,90	13,90	13,90	13,90	13,90	13,90

SCU

794G 9VL



In the selection of torque handles must choose a torque equal to or lower than the max. torque of the blades.

Product description as Art. 794G 9VL

BLADES FOR DYNAMOMETRIC HANDLES 794 G 9VH

Type with TORX-PLUS® tip. Colour code: GREEN LIGHT.

TORX-PLUS size	T	15	20	25	27	30	40
For screws	M.	3,5-4	4-5	5-6	-	6	8
Max torque	Nm	6,6	13	15	15	15	15
794G 9VM	Each	13,90	13,90	13,90	13,90	13,90	13,90

SCU

794G 9VM



In the selection of torque handles must choose a torque equal to or lower than the max. torque of the blades.

Product description as Art. 794G 9VL

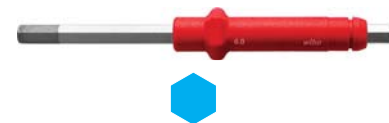
BLADES FOR DYNAMOMETRIC HANDLES 794 G 9VH

Type with HEX tip. Colour code: RED.

Hexagon	mm	3	4	5	6
Max torque	Nm	5,5	15	15	15
794G 9VP	Each	13,90	13,90	13,90	13,90

SCU

794G 9VP



In the selection of torque handles must choose a torque equal to or lower than the max. torque of the blades.

In CHROME-MOLYBDENUM-VANADIUM steel, hardened, matt chrome. With chuck for quick change of the bits.

1/4 " hexagonal female joint.

BIT-HOLDER FOR DYNAMOMETRIC HANDLES 794 G 9VH

Overall length	mm	125
794G 9VR	Each	41,30

SCU

794G 9VR



In CHROME-MOLYBDENUM-VANADIUM steel, hardened, matt chrome. Square male joint for sockets.

SOCKET-HOLDER FOR DYNAMOMETRIC HANDLES 794 G 9VH

Square drive	inch	1/4	3/8
Overall length	mm	125	125
794G 9VT	Each	26,80	26,80

SCU

794G 9VT





TORQUE SCREWDRIVERS WITHOUT SIZES SCALE

794G 9Z 3
794G 9Z 4 **GEDORE**

1/4"

Orig. Gedore

SLIP TYPE WITHOUT SCALE for providing highly accurate repeat operations. This eliminates the possibility of exceeding any preset values. Once the tightening has been completed, the handle rotates with no load. The screwdrivers must be pre-calibrated at workplace, by using calibration devices Art. 793 G 10 to 793 GD and locked to the desired value included in the torque capabilities indicated below.

Tolerance: $\pm 10\%$ for each value of the scale.

Supplied WITHOUT certificate.

New ergonomic plastic handle. 1/4 female hex drive for bits.

For right-hand use and left-hand unscrewing only. Particularly suitable for controlled tightening of carbide tipped and clamps.

Art.		794G 9Z 3	794G 9Z 4
Tightening capacity	Nm	0,2-1,5	0,5-4,5
Overall length	mm	138	138
Supplier code		PGNS 1.5 FS	PGNS 4.5 FS
Each		73,90	73,90

794G 9Z 5
794G 9Z 7 **GEDORE**

1/4"

Product description as Art. 794G 9Z 3

Tolerance: $\pm 6\%$ for each value of the scale. Supplied with the certificate to DIN ISO 6789.

New ergonomic two-component non-slip handle. 1/4 female hex drive for bits.

For right-hand and left-hand use.

Art.		794G 9Z 5	794G 9Z 7
Tightening capacity	Nm	0,05-0,25	0,2-1,5
Overall length	mm	132	132
Supplier code		PGNP 0.25 FS	PGNP 1.5 FS
Each		123,00	123,00

794G 9Z 11
794G 9Z 15 **GEDORE**

1/4"

Product description as Art. 794G 9Z 3

Tolerance: $\pm 6\%$ for each value of the scale. Supplied with certificate according to DIN ISO 6789.

New ergonomic two-component non-slip handle. 1/4 female hex drive for bits.

For right-hand and left-hand use. Complete with sliding lever.

Art.		794G 9Z 11	794G 9Z 15
Tightening capacity	Nm	0,5-4,5	2,5-13,5
Overall length	mm	140	140
Supplier code		PGNP 4.5 FS	PGNP 13.5 FS
Each		123,00	123,00

Available on request same screwdrivers in the EPA version.

794G 9ZA
794G 9ZB **Torqueleader**

1/4"

Orig. Torqueleader

Product description as Art. 794G 9Z 3

Tolerance: $\pm 6\%$ for each value of the scale. Supplied with certificate according to DIN ISO 6789.

Aluminium handle. 1/4 female hex drive for bits.

Art. 794 G 9ZA: for right-hand and left-hand use.

Art. 794 G 9ZB: for right-hand use and left-hand unscrewing only.

Art.		794G 9ZA	794G 9ZB
Tightening capacity	cNm	4-22	4-22
Overall length	mm	104	116
Supplier code		TLS 0022 FH	TLS 0022 FH O/W
Each		229,00	312,00

When stocks will be run out, will be shipped the same item marked Gedore.

794G 9ZE
794G 9ZF **Torqueleader**

1/4"

Product description as Art. 794G 9Z 3

Tolerance: $\pm 6\%$ for each value of the scale. Supplied with certificate according to DIN ISO 6789.

Aluminium handle. 1/4 female hex drive for bits.

Art. 794 G 9ZE: for right-hand and left-hand use.

Art. 794 G 9ZF: for right-hand use and left-hand unscrewing only.

Art.		794G 9ZE	794G 9ZF
Tightening capacity	cNm	14-135	14-135
Overall length	mm	111	125
Supplier code		Minor FH	Minor FH O/W
Each		187,00	271,00

When stocks will be run out, will be shipped the same item marked Gedore.



Product description as Art. 794G 9Z 3

Tolerance: ± 6% for each value of the scale. Supplied with certificate according to DIN ISO 6789.

Aluminium handle. 1/4 male square drive for sockets.

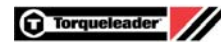
Art. 794 G 9ZG: for right-hand and left-hand use.

Art. 794 G 9ZH: for right-hand use and left-hand unscrewing only.

Tightening capacity	cNm	2-135
Overall length	mm	143
Supplier code		Minor SD O/W

794G 9ZH	Each	200,00
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Product running out of stock.



794G 9ZH



1/4"

Product description as Art. 794G 9Z 3

Tolerance: ± 6% for each value of the scale. Supplied with certificate according to DIN ISO 6789.

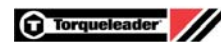
Aluminium handle. 1/4 female hex drive for bits.

Art. 794 G 9ZL: for right-hand and left-hand use.

Art. 794 G 9ZM: for right-hand use and left-hand unscrewing only.

Art.		794G 9ZL	794G 9ZM
Tightening capacity	cNm	50-400	50-400
Overall length	mm	127	127
Supplier code		Standard FH	Standard FH O/W
Each		197,00	285,00

When stocks will be run out, will be shipped the same item marked Gedore.



794G 9ZL
794G 9ZM



1/4"

Product description as Art. 794G 9Z 3

Tolerance: ± 6% for each value of the scale. Supplied with certificate according to DIN ISO 6789.

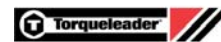
Aluminium handle. 1/4 female hex drive for bits. Complete with sliding lever.

Art. 794 G 9ZR: for right-hand and left-hand use.

Art. 794 G 9ZS: for right-hand use and left-hand unscrewing only.

Art.		794G 9ZR	794G 9ZS
Tightening capacity	Nm	2,5-13,6	2,5-13,6
Overall length	mm	137	137
Supplier code		TLS 1360 FH	TLS 1360 FH O/W
Each		242,00	349,00

When stocks will be run out, will be shipped the same item marked Gedore.



794G 9ZR
794G 9ZS



1/4"

TORQUE SCREWDRIVERS

Orig. Gedore - Art. QS Minor Metric FH

Slip type.

Aluminium handle.

Tightening adjustment on the handle front side through locking ring nut after setting of the desired torque value. ± 6% tolerance of the set value. Scale graduation with readings in cNm/Nm.

After tightening the handle turns idle. Bi-directional tightening.

Supplied with test certificate as per DIN ISO 6789.

1/4" female hex drive for bits and 1/4" male square socket adapter.

Tightening capacity	cNm	20-120
Scale division		1 cNm
Overall length	mm	169

794G 10	Each	340,00
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794G 10



1/4"

1/4"

Orig. Gedore - Art. QS 6 FH

Product description as Art. 794G 10

1/4" female hex drive for bits and 1/4" male square socket adapter.

Tightening capacity	Nm	1-6
Scale division		0,1 Nm
Overall length	mm	184

794G 11	Each	349,00
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794G 11



1/4"

1/4"

Orig. Gedore - Art. QS 9 FH

Product description as Art. 794G 10

1/4" female hex drive for bits and 1/4" male square socket adapter.

Tightening capacity	Nm	4-9
Scale division		0,1 Nm
Overall length	mm	184

794G 12	Each	349,00
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794G 12



1/4"

1/4"

Art. 794 G 11 - 12 can use the sliding lever Art. 946 GR

**794G 12E** 

1/4"

1/4"

Orig. Torqueleader - Art. QSN 40 FH

Slip type.

Rubber-coated ergonomic handle.

Tightening adjustment on the handle front side through locking ring nut after setting of the desired torque value. $\pm 6\%$ tolerance of the scale set value.

Scale graduation with readings in cNm/Nm.

After tightening the handle turns idle. Bi-directional tightening.

ESD approved.

Supplied with test certificate as per DIN ISO 6789.

1/4" female hex drive for bits and 1/4" male square socket adapter.

Tightening capacity cNm 8-40

Scale division 1 cNm

Overall length mm 159

794G 12E Each **428,00**

When stocks will be run out, will be shipped the same item marked Gedore.

794G 12H 

1/4"

1/4"

Orig. Torqueleader - Art. QSN 120 FH

Product description as Art. 794G 12E

1/4" female hex drive for bits and 1/4" male square socket adapter.

Tightening capacity cNm 20-120

Scale division 1 cNm

Overall length mm 183

794G 12H Each **388,00**

When stocks will be run out, will be shipped the same item marked Gedore.

794G 12M 

1/4"

1/4"

Orig. Gedore - Art. QSN 600 FH

Product description as Art. 794G 12E

1/4" female hex drive for bits and 1/4" male square socket adapter.

Tightening capacity Nm 1-6

Scale division 0,1 Nm

Overall length mm 196

794G 12M Each **396,00****794G 12R** 

1/4"

1/4"

Orig. Gedore - Art. QSN 900 FH

Product description as Art. 794G 12E

1/4" female hex drive for bits and 1/4" male square socket adapter.

Tightening capacity Nm 4-9

Scale division 0,1 Nm

Overall length mm 196

794G 12R Each **396,00**

The Art. 794 G 12M - 12P - 12R can use the sliding lever Art. 946 GR.

TORQUE SCREWDRIVERS - TIGHTENING-CONTROL**794G 15** 

1/4"

1/4"

Orig. Torqueleader - Art. TT 50 FH

Especially suited to quality control process, research and development and installations. Aluminium handle.

 $\pm 6\%$ tolerance of the set scale value.

Double scale graduation with readings in cNm, ozf. in/lbf. in.

Bi-directional tightening.

Supplied with test certificate as per DIN ISO 6789.

1/4" female hex drive for bits and 1/4" male square socket adapter.

Tightening capacity cNm 10-50

Tightening capacity ozf.in. 14-70

Scale division 2 cNm/2 ozf.in.

Overall length mm 178

794G 15 Each **359,00**

When stocks will be run out, will be shipped the same item marked Gedore.

794G 16 

1/4"

1/4"

Orig. Torqueleader - Art. TT 100 FH

Product description as Art. 794G 15

1/4" female hexagonal drive for bits and 1/4" male square adapter.

Tightening capacity cNm 20-100

Tightening capacity ozf.in. 28-140

Scale division 5 cNm/5 ozf.in.

Overall length mm 178

794G 16 Each **359,00**

When stocks will be run out, will be shipped the same item marked Gedore.



Orig. Torqueleader - Art. TT 100 SD

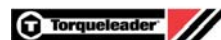
Product description as Art. 794G 15

1/4" male square drive for sockets.

Tightening capacity	cNm	20-100
Tightening capacity	ozf.in.	28-140
Scale division		5 cNm/5 ozf.in.
Overall length	mm	178

794G 16A	Each	327,00
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Product running out of stock.



794G 16A



1/4"

Orig. Gedore - Art. TT 250 FH

Product description as Art. 794G 15

1/4" female hexagonal drive for bits and 1/4" male square adapter.

Tightening capacity	cNm	50-250
Tightening capacity	lbf.in	4-20
Scale division		10 cNm/0,5 lbf.in
Overall length	mm	250

794G 17	Each	364,00
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794G 17



1/4"

1/4"

Orig. Torqueleader - Art. TT 250 SD

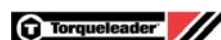
Product description as Art. 794G 15

1/4" male square drive for sockets.

Tightening capacity	cNm	50-250
Tightening capacity	lbf.in	4-20
Scale division		10 cNm/0,5 lbf.in
Overall length	mm	250

794G 17A	Each	332,00
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Product running out of stock.



794G 17A



1/4"

Orig. Torqueleader - Art. TT 500 FH

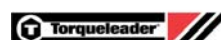
Product description as Art. 794G 15

1/4" female hexagonal drive for bits and 1/4" male square adapter.

Tightening capacity	cNm	100-500
Tightening capacity	lbf.in	8-40
Scale division		20 cNm/1 lbf.in
Overall length	mm	250

794G 18	Each	364,00
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When stocks will be run out, will be shipped the same item marked Gedore.
The Art. 794 G 17 - 17A - 18 can use the sliding lever Art. 946 GR.



794G 18



1/4"

1/4"

PRECISION TORQUE WRENCHES WITHOUT SIZES SCALE

Orig. Torqueleader

SLIP TYPE WITHOUT SCALE. High precision tightening on pre-set torque value. Over-tightening is not possible. Long life in serial assembly. Automatic reset. Stainless steel heads, body in special aluminium alloy, ergonomic non-slip rubber handgrip. Integrated ratchet function. "TSP" and "TSN" torque wrenches must be preset directly on the place of use by means of suitable torque testers Art. 793 GB - C -D/793 GL/793 GT and fixed on the desired value within the tightening range of the wrenches mentioned below.

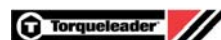
Right operation.

Supplied with test certificate as per DIN ISO 6789.

± 6% tolerance of the scale set torque.

Art.		794GA	794GB
Square drive	inch	1/4	1/4
Tightening capacity	Nm	1-5	2-10
Tightening capacity	lbf.in	10-45	20-90
Overall length	mm	185	185
Weight	Kg	0,19	0,19
Supplier code		TSN 5/45	TSN 10/90
Each		380,00	396,00

When stocks will be run out, will be shipped the same item marked Gedore.



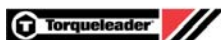
794GA
794GB



1/4"



794GC



1/4"

Orig. Torqueleader - Art. TSN 25D

Product description as Art. 794GA

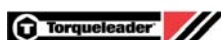
± 4% tolerance of the scale set torque.

Square drive	inch	1/4
Tightening capacity	Nm	5-25
Tightening capacity	lbf.ft	4-18
Overall length	mm	216
Weight	Kg	0,34

794GC	Each	484,00
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When stocks will be run out, will be shipped the same item marked Gedore.

**794GD
794GE**



3/8"

Orig. Torqueleader

Product description as Art. 794GA

± 4% tolerance of the scale set torque.

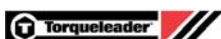
Art.		794GD	794GE
Square drive	inch	3/8	3/8
Tightening capacity	Nm	5-25	15-55
Tightening capacity	lbf.ft	4-18	10-40
Overall length	mm	216	324
Weight	Kg	0,34	0,80
Supplier code		TSN 25A	TSN 55

Each	484,00	620,00
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Art. 794 GE is not EPA marked.

When stocks will be run out, will be shipped the same item marked Gedore.

794GF



1/2"

Orig. Torqueleader - Art. TSN 125

Product description as Art. 794GA

± 4% tolerance of the scale set torque.

Square drive	inch	1/2
Tightening capacity	Nm	40-125
Tightening capacity	lbf.ft	30-90
Overall length	mm	460
Weight	Kg	1,36

794GF	Each	704,00
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When stocks will be run out, will be shipped the same item marked Gedore.

Torque wrenches Art. 794 GA to 794 GF can be fixed set at the factory on the desired value (price on request).

PRECISION TORQUE WRENCHES WITHOUT SIZES SCALE, WITH SIGNAL OUTPUT SYSTEM

794GH



1/4"

3/8"

1/2"

Orig. Torqueleader

SLIP TYPE WITHOUT SCALE WITH ELECTRONIC SWITCH (Sw), that allows an external device to check if the pre-set torque value has been reached and to count how many times this value has been applied. The wrench is connected to the monitoring device by means of a cable and can be interfaced with computers, switches etc. This system allows for the automated monitoring of the application process of tightening in any line production.

Other features of the wrenches similar to Art. 794 GA-B-D-E-F.

The wrenches are supplied with a switch Art. 794 GHA and a cable of the length of approx. 5 m Art. 794 GHB.

Size		5	10	25	55	125
Square drive	inch	1/4	1/4	3/8	3/8	1/2
Tightening capacity	Nm	1-5	2-10	5-25	15-55	40-125
Tightening capacity	lbf.in/ft	10-45	20-90	4-18	10-40	30-90
Overall length	mm	335	335	366	474	610
Weight	Kg	0,53	0,53	0,68	1,14	1,70
Supplier code		TSP 5 Sw	TSP 10 Sw	TSN 25 A Sw	TSN 55 Sw	TSN 125 Sw

794GH	Each	982,00	998,00	1.100,00	1.230,00	1.320,00
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When stocks will be run out, will be shipped the same item marked Gedore.

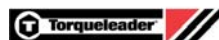
On request the spanners Art. 794 GH can be supplied pre-calibrated to the desired value for an additional charge.



Orig. Torqueleader - Art. B25900

ELECTRIC SWITCH FOR Sw type TORQUE WRENCHES, used on all torque wrenches Art. 794 GH 5-10-25-55-125 and 804 GA 2-10-25-65-135. It connects to the line production control system via cable Art. 794 GHB or 794 GHC.

Capacity of output signal from max. 100 mA DC 30 V to min. 100 uA AC 50 mV.
Supplied without cable.



794GHA



794GHA Each **271,00**

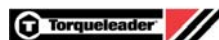
When stocks will be run out, will be shipped the same item marked Gedore.

Orig. Torqueleader - Art. D94402

CONNECTION CABLES

between the electrical switch Art. 794 GHA and the line production control system or signal unit Art. 794 GHE.

Flat cable, total length 5 m.



794GHB



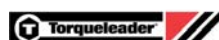
794GHB Each **194,00**

When stocks will be run out, will be shipped the same item marked Gedore.

Orig. Torqueleader - Art. D94406

Product description as Art. 794GHB

Coiled cable, total length in in extension approx. 5 m.



794GHC



794GHC Each **300,00**

When stocks will be run out, will be shipped the same item marked Gedore.

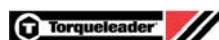
Orig. Torqueleader - Art. C12870

SERVICE DATA UNIT (SDU) that allows you to amplify, stabilize and adjust the signal transmitted by the torque wrenches by means of a switch (Sw) Art. 794 and 804 GH 5-10-25-55-125 GA 2-10-25-65- 135.

This system reduces the risk of failure to report the activation of the torque wrench.

The unit can be powered by 4 AA alkaline batteries (Art. 3600 E, not supplied) or DC 6V. It is connected to the torque wrenches via cables Art. 794 GHB/C and to the external devices via output contacts to 5 A for 110 V AC or 24 V DC.

Equipped with 1 YELLOW LED to report insufficient battery power, 1 RED LED when no signal is transmitted, 1 GREEN LED when the signal is transmitted.



794GHE



794GHE Each **594,00**

When stocks will be run out, will be shipped the same item marked Gedore.

PRECISION TORQUE WRENCHES

Orig. Gedore

SLIP TYPE, with scale. High precision tightening on pre-set torque value.

Over-tightening is not possible. Serial assembling and long-term work. Automatic reset. Stainless steel heads, body in special aluminium alloy, ergonomic non-slip rubber handgrip. Integrated ratchet function.

Right operation.

Supplied with test certificate as per DIN ISO 6789.

± 6% tolerance of the scale set torque.



**794GM
794GP**



1/4"

Art.		794GM	794GP
Square drive	inch	1/4	1/4
Tightening capacity	Nm	1-5	2-10
Scale division		0,05 Nm	0,1 Nm
Overall length	mm	195	195
Weight	Kg	0,24	0,24
Supplier code		TSC 5	TSC 10
	Each	441,00	431,00



794GR
794GS
794GT



1/4"

Orig. Gedore

Click type.

For precise, even tightening of screws and bolts. Tolerance: ± 3% for each scale reading. High quality performance ensured. Gedore torque wrenches are characterised by the high resistance of their light alloy body and alloyed steel component parts. Adjusted using a jointed socket that is extracted from the handle. Audible signal ("click") on reaching the set torque value. Square drive for right-handed operation. Two square drives for right/left-handed operation.

Supplied with DIN ISO 6789 test certificate.

Torque wrenches Art. 794GS / 795G 2-6-10-14-22-24A-26-30-34-36E-38-41 are supplied in a case also designed to hold relevant accessories such as sockets, extensions, ratchet heads, etc.

Art.		794GR	794GS	794GT
Square drive	inch	1/4	1/4	1/4
Tightening capacity	Nm	6-30	6-30	6-30
Tightening capacity	lbf.in	50-270	50-270	50-270
Scale division		1 Nm/10 lbf.in	1 Nm/10 lbf.in	1 Nm/10 lbf.in
Overall length	mm	265	265	265
Weight	Kg	0,6	0,9	0,6
Frame		Simple right D	Simple right D	Double right- left D-S
Package in case		Plastic	Plastic box	Plastic
Supplier code		8554-01	8554-02	8559-01
Each		495,00	565,00	515,00

795G 1
795G 2
795G 3



3/8"

Product description as Art. 794GR

Art.		795G 1	795G 2	795G 3
Square drive	inch	3/8	3/8	3/8
Tightening capacity	Nm	8-40	8-40	8-40
Tightening capacity	lbf.in	70-350	70-350	70-350
Scale division		5 Nm/50 lbf.in	5 Nm/50 lbf.in	5 Nm/50 lbf.in
Overall length	mm	340	340	340
Weight	Kg	1	2,2	1
Frame		Simple right D	Simple right D	Double right- left D-S
Package in case		Plastic	Metal box	Plastic
Supplier code		8560-01	8560-02	8565-01
Each		575,00	673,00	586,00

795G 5
795G 6
795G 7



1/2"

Product description as Art. 794GR

Art.		795G 5	795G 6	795G 7
Square drive	inch	1/2	1/2	1/2
Tightening capacity	Nm	25-120	25-120	25-120
Tightening capacity	lbf.ft	18-90	18-90	18-90
Scale division		5 Nm/5 lbf.ft	5 Nm/5 lbf.ft	5 Nm/5 lbf.ft
Overall length	mm	463	463	463
Weight	Kg	1,5	2,8	1,5
Frame		Simple right D	Simple right D	Double right- left D-S
Package in case		Plastic	Metal box	Plastic
Supplier code		8561-01	8561-02	8566-01
Each		638,00	755,00	660,00

795G 9
795G 10
795G 11



1/2"

Product description as Art. 794GR

Art.		795G 9	795G 10	795G 11
Square drive	inch	1/2	1/2	1/2
Tightening capacity	Nm	40-200	40-200	40-200
Tightening capacity	lbf.ft	30-150	30-150	30-150
Scale division		5 Nm/5 lbf.ft	5 Nm/5 lbf.ft	5 Nm/5 lbf.ft
Overall length	mm	553	553	553
Weight	Kg	1,4	3,5	1,4
Frame		Simple right D	Simple right D	Double right- left D-S
Package in case		Plastic	Metal box	Plastic
Supplier code		8573-00	8573-02	8578-00
Each		701,00	839,00	723,00



Product description as Art. 794GR

Art.		795G 13	795G 14	795G 15
Square drive	inch	1/2	1/2	1/2
Tightening capacity	Nm	60-300	50(60)-300	50(60)-300
Tightening capacity	lbf.ft	45-220	35(45)-220	35(45)-220
Scale division		5 Nm/5 lbf.ft	5 Nm/5 lbf.ft	5 Nm/5 lbf.ft
Overall length	mm	618	618	618
Weight	Kg	2	3,6	2
Frame		Simple right D	Simple right D	Double right- left D-S
Package in case		Plastic	Metal box	Plastic
Supplier code		8562-10	8562-20	8567-10
Each		803,00	940,00	828,00



795G 13
795G 14
795G 15



1/2"

3

Product description as Art. 794GR

Art.		795G 21	795G 22	795G 23
Square drive	inch	3/4	3/4	3/4
Tightening capacity	Nm	80-360	80-360	80-360
Tightening capacity	lbf.ft	60-260	60-260	60-260
Scale division		5 Nm/5 lbf.ft	5 Nm/5 lbf.ft	5 Nm/5 lbf.ft
Overall length	mm	718	718	718
Weight	Kg	2,4	6,2	2,4
Frame		Simple right D	Simple right D	Double right- left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code		8570-10	8570-20	8575-10
Each		1.090,00	1.300,00	1.110,00



795G 21
795G 22
795G 23



3/4"

Product description as Art. 794GR

Art.		795G 24	795G 24A	795G 24B
Square drive	inch	3/4	3/4	3/4
Tightening capacity	Nm	110-550	110-550	110-550
Tightening capacity	lbf.ft	80-400	80-400	80-400
Scale division		10 Nm/10 lbf.ft	10 Nm/10 lbf.ft	10 Nm/10 lbf.ft
Overall length	mm	812	812	812
Weight	Kg	2,9	6,7	2,9
Frame		Simple right D	Simple right D	Double right- left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code		8574-10	8574-20	8579-10
Each		1.440,00	1.660,00	1.470,00



795G 24
795G 24A
795G 24B



3/4"

Product description as Art. 794GR

Art.		795G 25	795G 26	795G 27
Square drive	inch	3/4	3/4	3/4
Tightening capacity	Nm	155-760	155-760	155-760
Tightening capacity	lbf.ft	115-550	115-550	115-550
Scale division		10 Nm/10 lbf.ft	10 Nm/10 lbf.ft	10 Nm/10 lbf.ft
Overall length	mm	812	812	812
Weight	Kg	3,2	7,7	3,2
Frame		Simple right D	Simple right D	Double right- left D-S
Package in case		Plastic	Metal box	Cardboard
Supplier code		8563-10	8563-20	8568-10
Each		1.520,00	1.740,00	1.560,00



795G 25
795G 26
795G 27



3/4"

Product description as Art. 794GR

Art.		795G 29	795G 30	795G 31
Square drive	inch	3/4	3/4	3/4
Tightening capacity	Nm	155-760	155-760	155-760
Tightening capacity	lbf.ft	115-550	115-550	115-550
Scale division		10 Nm/10 lbf.ft	10 Nm/10 lbf.ft	10 Nm/10 lbf.ft
Overall length	mm	Only wrench 800- With extens. 1400	Only wrench 800- With extens. 1400	Only wrench 800- With extens. 1400
Weight	Kg	5,0	8,8	5,0
Frame		Simple right D	Simple right D	Double right- left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code		8563-01	8563-02	8568-01
Each		1.660,00	1.880,00	1.690,00



795G 29
795G 30
795G 31



3/4"



795G 33
795G 34
795G 35



Product description as Art. 794GR

Art.	795G 33	795G 34	795G 35
Square drive	inch 3/4	3/4	3/4
Tightening capacity	Nm 520-1000	520-1000	520-1000
Tightening capacity	lbf.ft 380-730	380-730	380-730
Scale division	10 Nm/10 lbf.ft	10 Nm/10 lbf.ft	10 Nm/10 lbf.ft
Overall length	mm Only wrench 800- With extens. 1400	Only wrench 800- With extens. 1400	Only wrench 800- With extens. 1400
Weight	Kg 5,6	10	5,6
Frame	Simple right D	Simple right D	Double right- left D-S
Package in case	Cardboard	Metal box	Cardboard
Supplier code	8571-01	8571-02	8576-01
Each	1.860,00	2.090,00	1.890,00

795G 36A
795G 36E
795G 36L



Product description as Art. 794GR

Art.	795G 36A	795G 36E	795G 36L
Square drive	inch 1	1	1
Tightening capacity	Nm 600-1500	600-1500	600-1500
Scale division	25 Nm	25 Nm	25 Nm
Overall length	mm Only wrench 920- With 1 extens. 1600	Only wrench 920- With 1 extens. 1600	Only wrench 920- With 1 extens. 1600
Weight	Kg 10,8	24,3	10,8
Frame	Simple right D	Simple right D	Double right- left D-S
Package in case	Cardboard	Metal box	Cardboard
Supplier code	8581-01	8581-02	8586-01
Each	2.470,00	2.990,00	2.550,00

795G 37
795G 38
795G 39



Product description as Art. 794GR

Art.	795G 37	795G 38	795G 39
Square drive	inch 1	1	1
Tightening capacity	Nm 750-2000	750-2000	750-2000
Scale division	50 Nm	50 Nm	50 Nm
Overall length	mm Only wrench 900- With 2 extens. 2000	Only wrench 900- With 2 extens. 2000	Only wrench 900- With 2 extens. 2000
Weight	Kg 11,6	24,3	11,6
Frame	Simple right D	Simple right D	Double right- left D-S
Package in case	Cardboard	Metal box	Cardboard
Supplier code	8564-01	8564-02	8569-01
Each	3.200,00	3.710,00	3.280,00

795G 40
795G 41



Product description as Art. 794GR

Art.	795G 40	795G 41
Square drive	inch 1 1/2	1 1/2
Tightening capacity	Nm 1500-3000	1500-3000
Scale division	50 Nm	50 Nm
Overall length	mm Only wrench 1030-With 2 extens. 2350	Only wrench 1030-With 2 extens. 2350
Weight	Kg 13,2	24
Frame	Simple right D	Simple right D
Package in case	Cardboard	Metal box
Supplier code	8572-01	8572-02
Each	3.660,00	4.170,00



ASSORTED SET OF TOOLS WITH TORQUE WRENCH

Orig. Gedore - Art. 8554-03

The set contains a torque wrench complete with sockets, extensions and ratchet heads delivered in metal case. (Art. 796 G/1 - 796 G/3 in plastic case).

The set consists of:

- 1 x 794 GR torque wrench
- 1 x socket ratchet
- 7 x 8-9-10-11-12-13-14mm hexagonal sockets
- 4 x 4-5-6-8mm internal hexagonal sockets
- 1 flat-tip socket 5.5mm
- 1 cross-tip socket PH 3
- 3 x 20-27-30 Torx sockets
- 2 x 55-100mm extensions

Square drive	inch	1/4	
Weight	Kg	1,3	
796G 1	Each		852,00

Orig. Gedore - Art. 8559-03

Product description as Art. 796G 1

The set consists of:

- 1x 794 GT torque wrench
- 1 x socket ratchet
- 7 x 8-9-10-11-12-13-14mm hexagonal sockets
- 4 x 4-5-6-8mm internal hexagonal sockets
- 1 flat-tip socket 5.5mm
- 1 cross-tip socket PH 3
- 3 x 20-27-30 Torx sockets
- 2 x 55-100mm extensions

Square drive	inch	1/4	
Weight	Kg	1,3	
796G 3	Each		863,00



796G 1
796G 3



1/4"

3

Orig. Gedore - Art. 8560-03

Product description as Art. 796G 1

The set consists of:

- 1 torque wrench 795 G 1
- 1 socket ratchet
- 8 hexagonal sockets 8-10-11-13-14-15-17-19mm
- 4 x 4-5-6-8mm internal hexagonal sockets
- 2 x 125-250mm extensions

Square drive	inch	3/8	
Weight	Kg	3,1	
796GA	Each		955,00

Orig. Gedore - Art. 8565-03

Product description as Art. 796G 1

The set consists of:

- 1 torque wrench 795 G 3
- 1 socket ratchet
- 8 hexagonal sockets 8-10-11-13-14-15-17-19mm
- 4 x 4-5-6-8mm internal hexagonal sockets
- 2 x 125-250mm extensions

Square drive	inch	3/8	
Weight	Kg	3,1	
796GB	Each		966,00



796GA
796GB



3/8"

Orig. Gedore - Art. 8561-03

Product description as Art. 796G 1

The set consists of:

- 1 x 795 G 5 torque wrench
- 1 x socket ratchet
- 7 x 11-13-14-17-19-22-24mm hexagonal sockets
- 4 x 6-8-10-12mm internal hexagonal sockets
- 3 x 75-125-250mm extensions

Square drive	inch	1/2	
Weight	Kg	4,8	
796GC	Each		1.090,00

Orig. Gedore - Art. 8566-03

Product description as Art. 796G 1

The set consists of:

- 1 x 795 G 7 torque wrench
- 1 x socket ratchet
- 7 x 11-13-14-17-19-22-24mm hexagonal sockets
- 4 x 6-8-10-12mm internal hexagonal sockets
- 3 x 75-125-250mm extensions

Square drive	inch	1/2	
Weight	Kg	4,8	
796GD	Each		1.110,00



796GC
796GD



1/2"

Orig. Gedore - Art. 8562-30

Product description as Art. 796G 1

The set consists of:

- 1 x 795 G 13 torque wrench
- 1 x socket ratchet
- 7 x 17-19-22-24-27-30-32mm hexagonal sockets
- 4 x 8-10-12-14mm internal hexagonal sockets
- 3 x 75-125-250mm extensions

Square drive	inch	1/2	
Weight	Kg	6,0	
796GE	Each		1.290,00

Orig. Gedore - Art. 8567-30

Product description as Art. 796G 1

The set consists of:

- 1 x 795 G 15 torque wrench
- 1 x socket ratchet
- 7 x 17-19-22-24-27-30-32mm hexagonal sockets
- 4 x 8-10-12-14mm internal hexagonal sockets
- 3 x 75-125-250mm extensions

Square drive	inch	1/2	
Weight	Kg	6,0	
796GF	Each		1.320,00



796GE
796GF



1/2"

Orig. Gedore - Art. 8570-30

Product description as Art. 796G 1

The set consists of:

- 1 x 795 G 21 torque wrench
- 1 x socket ratchet
- 6 x 19-22-24-27-30-32mm hexagonal sockets
- 2 x 200-400mm extensions

Square drive	inch	3/4	
Weight	Kg	11	
796GH	Each		1.770,00

Orig. Gedore - Art. 8575-30

Product description as Art. 796G 1

The set consists of:

- 1 x 795 G 23 torque wrench
- 1 x socket ratchet
- 6 x 19-22-24-27-30-32mm hexagonal sockets
- 2 x 200-400mm extensions

Square drive	inch	3/4	
Weight	Kg	11	
796GL	Each		1.790,00



796GH
796GL



3/4"



**796GM
796GN** **GEDORE**



3/4"

Orig. Gedore - Art. 8563-30

Product description as Art. 796G 1
The set consists of:
1 x 795 G 25 torque wrench
1 x socket ratchet
8 x 22-24-27-30-32-36-41-46mm hexagonal sockets
2 x 200-400mm extensions
Square drive inch 3/4
Weight Kg 13,6

796GM	Each	2.280,00
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Orig. Gedore - Art. 8568-30

Product description as Art. 796G 1
The set consists of:
1 x 795 G 27 torque wrench
1 x socket ratchet
8 x 22-24-27-30-32-36-41-46mm hexagonal sockets
2 x 200-400mm extensions
Square drive inch 3/4
Weight Kg 13,6

796GN	Each	2.310,00
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**796GP
796GQ** **GEDORE**



3/4"

Orig. Gedore - Art. 8571-03

Product description as Art. 796G 1
The set consists of:
1 x 795 G 33 torque wrench
1 socket ratchet
6 x 30-32-36-41-46-50mm hexagonal sockets
2 x 200-400mm extensions
Square drive inch 3/4
Weight Kg 16,8

796GP	Each	2.630,00
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Orig. Gedore - Art. 8576-03

Product description as Art. 796G 1
The set consists of:
1 795 G 35 torque wrench
1 socket ratchet
6 x 30-32-36-41-46-50mm hexagonal sockets
2 x 200-400mm extensions
Square drive inch 3/4
Weight Kg 16,8

796GQ	Each	2.660,00
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**796GR
796GS** **GEDORE**



1"

Orig. Gedore - Art. 8564-03

Product description as Art. 796G 1
The set consists of:
1 x 795 G 37 torque wrench
1 x socket ratchet
8 x 36-41-46-50-55-60-65-70mm hexagonal sockets
2 x 200-400mm extensions
Square drive inch 1
Weight Kg 30,4

796GR	Each	5.220,00
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Orig. Gedore - Art. 8569-03

Product description as Art. 796G 1
The set consists of:
1 x 795 G 39 torque wrench
1 x socket ratchet
8 x 36-41-46-50-55-60-65-70mm hexagonal sockets
2 x 200-400mm extensions
Square drive inch 1
Weight Kg 30,4

796GS	Each	5.300,00
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TORQUE WRENCHES FOR ANGLE CONTROLLED TIGHTENING

**798GD
798GE** **GEDORE**



1/2"

Orig. Gedore

Click type. To perform dynamometric and angle- controlled tightenings. Allow bolt serial tightening and safety control tightening. ± 3% tolerance of the scale set torque. Normally used also for normal torque tightening control. The torque wrench and the angle indicator are locked together on the main pin. The reference position of the angle indicator is determined by means of a sliding magnetic arm. Supplied with test certificate in accordance with DIN ISO 6789.

Equipment:
1 torque wrench with goniometer
1 right ratchet 1/2 drive
1 extension 125mm
1 extension 250mm
In metal case.

Art.	798GD	798GE
Drive	inch 1/2	1/2
Tightening capacity	Nm 20-120	40-200
Tightening capacity	lbf.ft 15-90	30-150
Scale division	5 Nm/5 lbf.ft	5 Nm/5 lbf.ft
Overall length	mm 485	575
Supplier code	8261-03	8273-03
Each	909,00	947,00

Products running out of stock.



ANGLE INDICATORS FOR CONTROLLED ANGLE CLAMPING

Orig. Gedore - Art. 8200-11

Cheap type.

For angular values clamping. Necessary for nut orientation and final clamping.

360° graduated goniometer with magnet and flexible arm for fixing point 0°.

Clamping strength max. 390 Nm.

Male drive inch 1/2

Female drive inch 1/2

798GH 2 Each 191,00



798GH 2



1/2"

Orig. Gedore - Art. 8200-01

Professional type.

For angular values clamping. Necessary for nut orientation and final clamping.

Alloy steel goniometer, 360° graduated, with flexible arm, clamping spring and magnet for fixing point 0°.

Max. tightening capacity Nm 390

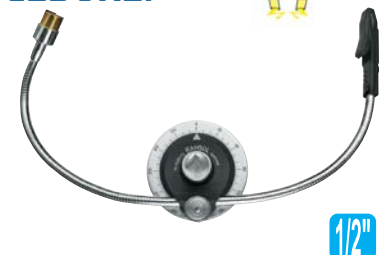
Male drive inch 1/2

Female drive inch 1/2

798GH 3 Each 311,00



798GH 3



1/2"

Orig. Gedore - Art. 8200-02

Product description as Art. 798GH 3

Max. tightening capacity Nm 1330

Male drive inch 3/4

Female drive inch 3/4

798GH 5 Each 455,00



798GH 5



3/4"

Torque wrench max. clamping strength includes angular values.

DIRECT READING TORQUE WRENCHES

Orig. Torqueleader

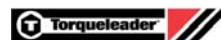
Model with dial to check tightening. ± 4% tolerance of the set scale torque. Body in special aluminium alloy and ergonomic rubber handgrip.

Double scale with readings in Nm-lbf. in./lbf. ft. For bi-directional tightening.

Also suitable to determine torque values of already tightened bolts.

Supplied with test certificate as per DIN ISO 6789.

With integrated ratchet. Supplied in synthetic material case



**798GP 1
798GP 1A
798GP 2**



1/4"

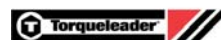
Art.		798GP 1	798GP 1A	798GP 2
Drive	inch	1/4	1/4	1/4
Tightening capacity	Nm	0,8-4	1,6-8,0	2,4-12
Tightening capacity	lbf.in	7-35	14-75	24-120
Scale division		0,1 Nm/1 lbf.in	0,25 Nm/1 lbf.in	0,5 Nm/2 lbf.in
Overall length	mm	244	244	244
Weight	Kg	0,52	0,52	0,52
Supplier code		ADS 4	ADS 8	ADS 12 D
Each		541,00	541,00	541,00

When stocks will be run out, will be shipped the same item marked Gedore.

Available on request: same wrenches with audiovideo signal when the pre-set value is reached.

Product description as Art. 798GP 1

With integrated ratchet. Supplied in synthetic material case



**798GP 3
798GP 4**

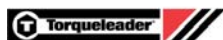


3/8"

Art.		798GP 3	798GP 4
Drive	inch	3/8	3/8
Tightening capacity	Nm	5-25	8-40
Tightening capacity	lbf.in	48-240	72-360
Scale division		1 Nm/10 lbf.in	1 Nm/10 lbf.in
Overall length	mm	244	244
Weight	Kg	0,52	0,52
Supplier code		ADS 25	ADS 40
Each		541,00	541,00

When stocks will be run out, will be shipped the same item marked Gedore.

Available on request: same wrenches with audiovideo signal when the pre-set value is reached.

798GP 5
798GP 5A
798GP 6

1/2"

Product description as Art. 798GP 1
With integrated ratchet. Supplied in plastic wallet.

Art.		798GP 5	798GP 5A	798GP 6
Drive	inch	1/2	1/2	1/2
Tightening capacity	Nm	16-80	32-160	40-200
Tightening capacity	lbf.ft	12-60	24-120	30-160
Scale division		2 Nm/1 lbf.ft	2,5 Nm/2 lbf.ft	5 Nm/5 lbf.ft
Overall length	mm	435	515	515
Weight	Kg	1,36	1,41	1,41
Supplier code		BDS 80 E	BDS 160	BDS 200
Each		823,00	823,00	823,00

When stocks will be run out, will be shipped the same item marked Gedore.
Available on request: same wrenches with audiovideo signal when the pre-set value is reached.

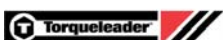
798GP 7
798GP 8

3/4"

Product description as Art. 798GP 1
Integrated ratchet function. Provided with acoustic-visual signal on reaching of the preset torque value.

Art.		798GP 7	798GP 8
Drive	inch	3/4	3/4
Tightening capacity	Nm	80-400	160-800
Tightening capacity	lbf.ft	60-300	120-600
Scale division		10 Nm/10 lbf.ft	20 Nm/20 lbf.ft
Overall length	mm	710	1000
Weight	Kg	3,1	4,85
Supplier code		CDS 400 S	DDS 800 S
Each		1.350,00	1.710,00

When stocks will be run out, will be shipped the same item marked Gedore.

798GP 9
798GP 10

1"

Product description as Art. 798GP 1
Provided with acoustic-visual signal on reaching of the preset torque value. With extension. Supplied in cardboard packaging.

Art.		798GP 9	798GP 10
Drive	inch	1	1
Tightening capacity	Nm	280-1400	400-2000
Tightening capacity	lbf.ft	200-1000	300-1500
Scale division		25 Nm/25 lbf.ft	50 Nm/50 lbf.ft
Overall length	mm	2040	2040
Weight	Kg	16,7	16,7
Supplier code		EDS 1400 S	EDS 2000 S
Each		3.770,00	3.770,00

When stocks will be run out, will be shipped the same item marked Gedore.

PRECISION TORQUE WRENCHES

798GPE
new

3/4"

Orig. Gedore

Heavy duty break model with built-in ratchet mechanism for bi-directional tightening. ± 4% tolerance for any set torque value. Automatic release, angled and braked movement of the handle. Scale adjustment in the handle. Supplied with test certificate as per DIN ISO 6789.

Size		700	800	1000
Square drive	inch	3/4	3/4	3/4
Tightening capacity	Nm	150-700	200-800	300-1000
Tightening capacity	lbf.ft	111-516	148-590	221-738
Scale division		20 Nm	20 Nm	20 Nm
Overall length	mm	1250	1250	1470
Weight	Kg	7	7	7,7
Supplier code		BIW 700	BIW 800	BIW 1000
798GPE	Each	753,00	753,00	767,00



Prod. SCU

Product description as Art. 798GPE

Art.		798GR 1	798GR 2	798GR 3	798GR 4
Square drive	inch	3/4	3/4	3/4	3/4
Tightening capacity	Nm	100-500	150-700	300-1000	700-1500
Tightening capacity	lbf.ft	70-350	100-500	200-750	500-1000
Scale division		10 Nm	10 Nm	20 Nm	25 Nm
Overall length	mm	915	1090	1470	1470
Weight	Kg	5,5	6	7,3	10,5
	Each	880,00	937,00	961,00	1.390,00

Art. 798GR4 is provided with an adjusting double hexagon and shackle.

Products 798GR 1-2-3 running out of stock.



798GR 1
798GR 2
798GR 3
798GR 4



3/4"

3

Orig. Torqueleader

Break type providing real accuracy for repeating processes with a set value. Robust construction for long performance life for fitting a series of left and right sided ratchets by using the disc.

Tolerance: ± 4% for each scale reading. Automatic disconnection with 20° angular rod body movement. Automatic reset function. Micrometer Nm scale providing a clear view of the values.

Ergonomic adjustment by rotating the soft rubber handle complete with safety lock.

For right-handed use

Equipped with items certified as per DIN ISO 6789.

	mm	1/4	3/8	1/2
Square drive	mm	1/4	3/8	1/2
Tightening capacity	Nm	5-25	10-50	20-100
Scale division		0,1 Nm	0,25 Nm	0,5 Nm
Overall length	mm	345	365	400
Weight	Kg	1,11	1,14	1,3
Supplier code		ATB 25D	ATB 50	ATB 100
799G	Each	570,00	570,00	570,00

When stocks will be run out, will be shipped the same item marked Gedore.



799G



1/4"

3/8"

1/2"

Orig. Carolus

Click type.

Suitable for precision installations. Handy left and right side ratchets, which can be reversed through the framework. Can be adjusted by rotating the ergonomic plastic handle with a safety lock for final positioning.

Tolerance: ± 3% for each scale reading. Double micrometer scale Nm/lbf.ft with figures which can be viewed via a magnifying glass and which can be finely tuned and adjusted by using the handle.

Equipped with items certified as per DIN ISO 6789.

Size		25	50	100	200	300
Square drive	inch	1/4	3/8	1/2	1/2	1/2
Tightening capacity	Nm	5-25	10-50	20-100	40-200	60-300
Tightening capacity	lbf.ft	3,7-18	7,5-37	15-75	30-150	45-220
Scale division		0,1 Nm	0,25 Nm	0,5 Nm	1 Nm	1 Nm
Overall length	mm	285	335	395	485	575
Supplier code		4900.025/R48900025	R58900050	5900.100/R68900100	5900.200/R68900200	5900.300/R68900300
800GA	Each	227,00	227,00	227,00	228,00	248,00

When stocks last, the same article will be sent marked Gedore red.



800GA



1/4"

3/8"

1/2"

Click type.

Suitable for precision installations. Handy left and right side ratchets, which can pass through the framework. Can be adjusted by rotating the ergonomic plastic handle with a safety lock for final positioning.

Tolerance: ± 3% for each scale reading. Double micrometer scale Nm/lbf.ft with figures which can be viewed via a magnifying glass and which can be finely tuned and adjusted by using the handle.

Equipped with items certified as per DIN ISO 6789.

		400	550
Square drive	inch	3/4	3/4
Tightening capacity	Nm	80-400	110-550
Tightening capacity	lbf.ft	60-300	80-405
Scale division		1 Nm	1 Nm
Overall length	mm	685	955
Supplier code		8900.400/R78900400	8900.550/R78900550
800GB	Each	377,00	629,00

Square fitting parts for torque wrenches in accordance with Art. 800 GA - B.

Art. O800 GC 1/4 - 3/8 - 1/2: with disk.

Art. O800 GC 3/4: without disk.

Square drive	inch	1/4	3/8	1/2	3/4
O800GC	Each	16,80	16,80	16,80	16,80

When stocks last, the same article will be sent marked Gedore red.



800GB



3/4"



**801GR
801GS** **GEDORE**



1/4"

Orig. Gedore

Click type, suitable to precise tightening. Handy construction with right/left ratchet mechanism, with reverse square drive. Adjustment obtained by rotating the ergonomically shaped nylon handgrip, safety lock at the extremity.

± 3% tolerance of the scale set torque. Double scale with graduation Nm/lbf.ft on handle below a window with a magnifying-glass effect for a more precise reading. Supplied with test certificate as per DIN ISO 6789.

Art.		801GR	801GS
Square drive	inch	1/4	1/4
Tightening capacity	Nm	1-5	5-25
Tightening capacity	lbf.ft	0,75-3,7	3,7-18
Scale division		0,025 Nm	0,1 Nm
Overall length	mm	224	285
Weight	Kg	0,30	0,45
Supplier code		4549-00	4549-02
Each		274,00	292,00

801GT **GEDORE**



3/8"

Orig. Gedore - Art. 4549-05

Product description as Art. 801GR

Square drive	inch	3/8
Tightening capacity	Nm	10-50
Tightening capacity	lbf.ft	7,5-37
Scale division		0,25 Nm
Overall length	mm	335
Weight	Kg	0,54
801GT	Each	301,00

**802GA
802GB
802GC** **GEDORE**



1/2"

Orig. Gedore

Product description as Art. 801GR

Art.		802GA	802GB	802GC
Square drive	inch	1/2	1/2	1/2
Tightening capacity	Nm	20-100	40-200	60-300
Tightening capacity	lbf.ft	15-75	30-150	45-220
Scale division		0,5 Nm	1 Nm	1 Nm
Overall length	mm	395	485	577
Weight	Kg	0,9	1,1	1,4
Supplier code		4550-10	4550-20	4550-30
Each		282,00	303,00	348,00

**802GE
802GF
802GH** **GEDORE**



3/4"

Product description as Art. 801GR

Art.		802GE	802GF	802GH
Square drive	inch	3/4	3/4	3/4
Tightening capacity	Nm	80-400	110-550	150-750
Tightening capacity	lbf.ft	60-300	80-405	110-550
Scale division		1 Nm	1 Nm	1 Nm
Overall length	mm	686	957	1236
Weight	Kg	2	3,8	4,8
Supplier code		4549-875	4550-55	4550-75
Each		574,00	907,00	1.040,00

Square drive with spare disk.

Size		01	02	2	5
For Art.		801 GR/S	801 GT(mod.4549)	801 GS/ T(mod.4550)	802 GA/B/C
Square drive	inch	1/4	3/8	3/8	1/2
Overall length	mm	35	35	45	50
Supplier code		4549-87 S	4549-88 S	4550-86 S	4550-85 S
O802GH	Each	12,20	11,10	12,10	10,20

For spare 3/4 square fitting see Art. O800 GC 3/4 (without disk).

**802GZ 1
802GZ 2
802GZ 3** **GEDORE**



1/2"

Click type, suitable to precise tightening. Handy construction with toothed ratchet mechanism for right operation (left operation only to unscrew).

Adjustment obtained by rotating the ergonomically shaped handgrip, safety lock at the extremity. ± 3% tolerance of the scale set torque.

Scale with graduation Nm/lbf.ft on handle below a window with a magnifying-glass effect for a more precise reading.

Supplied with test certificate as per DIN ISO 6789.

Art.		802GZ 1	802GZ 2	802GZ 3
Square drive	inch	1/2	1/2	1/2
Tightening capacity	Nm	20-100	40-200	60-300
Scale division		0,5 Nm	1 Nm	1 Nm
Overall length	mm	410	500	590
Weight	Kg	1	1,2	1,4
Supplier code		5550-10/3550-10 UK	5550-20/3550-20 UK	5550-30/3550-30 UK
Each		235,00	243,00	315,00


Orig. Gedore - Dremaster K

Click type.

Suitable for precision installations. Handy left and right side ratchets, which can be reversed through the framework. Can be adjusted by rotating the ergonomic handle with safety lock, which includes visual monitoring located at the far end. An additional quick adjustment is also possible by using round tenders, although these are not provided. Dual component handle with soft, non-slip grip with a clear path through to the centre providing an accurate hold and an accurate calibration process. Tolerance: $\pm 3\%$ for each scale reading.

Dual scale Nm/lbf.ft reading which can be selected by using the cursor, and which helps to avoid any potential reading errors. Micrometric adjustments with Nm values.

Equipped with items certified as per DIN ISO 6789:2003.

Type II, Class A.

With reversible square drive, anti-slip disk and quick, safe button release of sockets.

803A

3

Size		100	200	300
Square drive	inch	1/2	1/2	1/2
Tightening capacity	Nm	20-100	40-200	60-300
Tightening capacity	lbf.ft	15-75	30-150	45-220
Scale division		0,5 Nm	1 Nm	1 Nm
Overall length	mm	423,5	514,5	606,5
Weight	Kg	1,1	1,3	1,5
Supplier code		DMK 100	DMK 200	DMK 300
803A	Each	311,00	336,00	386,00

Product description as Art. 803A

With square through drive and socket stop pin.

Size		400	550	750	850
Square drive	inch	3/4	3/4	3/4	3/4
Tightening capacity	Nm	80-400	110-550	150-750	250-850
Tightening capacity	lbf.ft	60-300	80-405	110-550	185-630
Scale division		1 Nm	1 Nm	1 Nm	1 Nm
Overall length	mm	715,5	953,5	1228,5	1375,5
Weight	Kg	2,4	3,8	4,9	5,2
Supplier code		DMK 400	DMK 550	DMK 750	DMK 850
803B	Each	637,00	1.020,00	1.150,00	1.260,00

803B


Wrenches Art. 803 A 100 - 200 - 300 and 803 B 400 with sockets and extensions can be supplied on request in a metal case.

Spare 1/2 square drives with disk, for torque wrenches Art. 803 A 100 - 200 - 300.

O803C	Each	24,50
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Spare square connectors for wrenches Art. 803 B 400 - 550 - 750 - 850 see Art. 974 RD.

Orig. Gedore - Dremaster UK

Click type.

Suitable for precision installations. Sturdy construction, easy to handle with ratchet movement towards the right left movement only for unscrewing). Can be adjusted by rotating the ergonomic handle with safety lock, which includes visual monitoring located at the far end. An additional quick adjustment is also possible by using round tenders, although these are not provided. Dual component handle with soft, non-slip grip with a clear path through to the centre providing an accurate hold and an accurate calibration process. Tolerance: $\pm 3\%$ for each scale reading. Dual scale Nm/lbf.ft reading which can be selected by using the cursor, and which helps to avoid any potential reading errors. Micrometric adjustments with Nm values.

DIN ISO 6789:2003 certification.

Type II, Class A.

Size		100	200	300
Square drive	inch	1/2	1/2	1/2
Tightening capacity	Nm	20-100	40-200	60-300
Tightening capacity	lbf.ft	15-75	30-150	45-220
Scale division		0,5 Nm	1 Nm	1 Nm
Overall length	mm	438	529	620
Weight	Kg	1,2	1,4	1,6
Supplier code		DMUK 100	DMUK 200	DMUK 300
803E	Each	430,00	449,00	491,00

803E




PRECISION TORQUE WRENCHES WITHOUT SIZES SCALE

803F
new



Captive Pin

Orig. Gedore

BREAK TYPE WITHOUT SCALE highly accurate in repeatability of the set value. Long life in standard assembly. Automatic disengagement by 20 ° angular movement of the rod body. Automatic reset. The "TBN" torque wrenches must be pre-calibrated before use, with calibration devices Art. 793 GA-B-C-F-H, 793 GRA or 793 GT and locked to the desired value included in the tightening capacity of the wrenches mentioned below. Bi-directional tightening. Provided WITHOUT calibration certificate.



Tolerance: ± 6% for each capacity value.
Front-connection of inserts type with internal locking (Captive Pin).

Size	2	10
Tightening capacity Nm	0,4-2	1-10
Tightening capacity lbf.in	3,5-18	9-89
Overall length mm	105	105
Weight Kg	0,11	0,13
Supplier code	TBN 2	TBN 10
803F	Each 240,00	252,00

For the calibration of the aforementioned wrenches, the adapters Art. 803 FD must be used in the various sizes in combination with the selected inserts Art. 803 FA -B- C.

INSERTS WITH CAPTIVE PIN ATTACK

803FA
new



Captive Pin

Orig. Gedore

In special steel.
For all torque wrenches with "Captive PIN", Art. 803 F 2 -10.
Open key insert.



Opening mm	3,2	4	5	5,5	6	7	8	9
803FA Each	79,30	79,30	79,30	79,30	79,30	79,30	79,30	79,30
Opening mm	10	11	12	13	14	15	16	17
803FA Each	79,30	79,30	79,30	106,00	106,00	106,00	106,00	106,00

803FB
new



Captive Pin

Product description as Art. 803FA
Closed polygonal wrench insert.



Opening mm	3,2	4	5	5,5	6	7	8	9
803FB Each	82,90	82,90	82,90	82,90	82,90	82,90	82,90	82,90
Opening mm	10	11	12	13	14	15	16	17
803FB Each	82,90	82,90	82,90	125,00	125,00	125,00	122,00	122,00

803FC
new



Captive Pin

Product description as Art. 803FA
Open polygon wrench insert.



Opening mm	8	9	10	11	12	13	14
803FC Each	160,00	160,00	116,00	160,00	160,00	160,00	160,00
Opening mm	15	16	17				
803FC Each	160,00	160,00	160,00				

803FD
new



Captive Pin

Product description as Art. 803FA
Adapter to be used in combination with inserts Art. 803 FA-FB-FC for the calibration of torque wrenches Art. 803 F 2 and 803 F 10 with devices Art. 793 GA-BC-F-H, 793 GRA or 793 GT.
Male drive from 1/4.



1/4"

Size	1	2	3	4
For inserts Art. 803FA-FB-FC mm	3,2-4-5-5,5	6-7-8-9	10-11-12-13	14-15-16-17
803FD Each	139,00	139,00	139,00	139,00

803FE
new



Captive Pin

Product description as Art. 803FA
1/4 fixed square insert.



1/4"

803FE Each	120,00
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803FH
new



Captive Pin

Product description as Art. 803FA
Ratchet insert with right-left disc, 1/4" square drive.



1/4"

803FH Each	117,00
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Prices in EURO . VAT not included



PRECISION TORQUE WRENCHES WITHOUT SIZES SCALE

Orig. Gedore

Click type without scale. High precision tightening on pre-set torque value. ± 3% tolerance of the scale set torque. Audible acoustic signal ("click") on reaching of the set torque value, angled movement at 3° of the rod, to allow tightening even in difficult-to access places. Handy and light construction.

Automatic reset. "FS" torque wrenches must be preset directly on the place of use by means of suitable torque testers Art. 793 GC-D/793 GL/793 GT and fixed on the desired value within the tightening range of the wrenches mentioned below.

Bi-directional tightening.

Possibility to unscrew without changing the wrench (function available only on this model).

Supplied with test certificate as per DIN ISO 6789.

Type with front insertion of inserts.

Size		25	50	85	200
Inserts drive	mm	9x12	9x12	9x12	14x18
Tightening capacity	Nm	2-25	5-50	15-85	40-200
Overall length	mm	180	240	320	400
Weight	Kg	0,21	0,27	0,34	0,75
Supplier code		4150-25	4150-50	4150-85	4151-20
803G	Each	185,00	191,00	204,00	270,00

For use with torque testers Art. 793 GC-D, heads Art. 806 GD 1/4 - 3/8 are required.

For use with torque testers Art. 793 GL, heads Art. 806 GD 3/8 - 1/2 or Art. 806 GE 3/8 - 1/2 are required

(for Art. 803 G 200 heads Art. 806 GM 1/2 or Art. 806 GP 1/2 are required).

For use with torque testers Art. 793 GT, heads Art. 806 GD 1/2" or Art. 806 GE 1/2" are required

(for Art. 803 G 200 heads Art 806 GM 3/4" o Art. 806 GP 3/4" are required).

GEDORE

803G



9x12 14x18

3

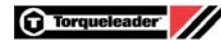
Orig. Torqueleader

BREAK TYPE WITHOUT SCALE. High precision tightening on pre-set torque value. Long-lasting serial tightening. Automatic reset. Automatic disconnection through angled movement at 20° of the rod. "TBN" torque wrenches must be preset directly on the place of use by means of suitable torque testers Art. 793 GA-B-C-F-H, 793 GRA or 793 GT and fixed on the desired value within the tightening range of the wrenches mentioned below. Bi-directional tightening.

Supplied with test certificate as per DIN ISO 6789.

± 6% tolerance of the scale set torque. Type with 9x12mm end fittings frontal connection.

Art.		803GA	803GB
Tightening capacity	Nm	0,4-2	1-10
Tightening capacity	lbf.in	3,5-18	9-89
Overall length	mm	133	133
Weight	Kg	0,13	0,15
Supplier code		TBN 2 G	TBN 10 G
Each		299,00	312,00



**803GA
803GB**



9x12

When stocks will be run out, will be shipped the same item marked Gedore.

For use with torque testers Art. 793 GA-B-C, heads Art. 806 GD 1/4 - 3/8 or Art. 806 GE 1/4 - 3/8 are required.

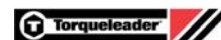
For use with torque testers Art. 793 GT, heads Art. 806 GD 1/4" or Art. 806 GE 1/4" are required.

BREAK TYPE WITHOUT SCALE. High precision tightening on pre-set torque value. Long-lasting serial tightening. Automatic reset. Automatic disconnection through angled movement at 20° of the rod. "TBN" torque wrenches must be preset directly on the place of use by means of suitable torque testers Art. 793 GD-H (only for Art. 803 GC), 793 GL-GRA-T and fixed on the desired value within the tightening range of the wrenches mentioned below. Bi-directional tightening. Supplied with test certificate as per DIN ISO 6789.

Tolerance: ± 4% for each capacity reading.

Type with frontal connection of inserts.

Art.		803GC	803GD	803GE	803GF
Inserts drive	mm	9x12	9x12	9x12	14x18
Tightening capacity	Nm	5-25	10-65	27-135	40-200
Tightening capacity	lbf.ft	4-18	7-48	18-100	29-147
Overall length	mm	265	302	408	520
Weight	Kg	0,40	0,75	1,03	1,4
Supplier code		TBN 25 G	TBN 65 G	TBN 135 G	TBN 200 G
Each		338,00	392,00	437,00	579,00



**803GC
803GD
803GE
803GF**



9x12 14x18

When stocks will be run out, will be shipped the same item marked Gedore.

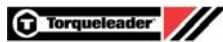
When using with calibrating device Art. 793 GD, use inserts Art. 806 GD 1/4 - 3/8 or Art. 806 GE 1/4 - 3/8.

When using with calibrating devices Art. 793 GL, use inserts Art. 806 GD 3/8 - 1/2 or Art. 806 GE 3/8 - 1/2.

When using with calibrating devices Art. 793 GT, use inserts Art. 806 GD 1/2" or Art. 806 GE 1/2". - Art. 806 GM 1/2 - 3/4 or Art. 806 GP 1/2 - 3/4.



803GL
803GM
803GP
803GPE



16

BREAK TYPE WITHOUT SCALE. High precision tightening on pre-set torque value. Long-lasting serial tightening. Automatic reset. Automatic disconnection through angled movement at 20° of the rod. "TBN" torque wrenches must be preset directly on the place of use by means of suitable torque testers Art. 793 GD (only for Art. 803 GL), 793 GH-L-RA-T and fixed on the desired value within the tightening range of the wrenches mentioned below. Bi-directional tightening. Supplied with test certificate as per DIN ISO 6789.

± 4% tolerance of the scale set torque.
Type with straight end fitting with male pin Ø 16mm.

Art.		803GL	803GM	803GP	803GPE
Tightening capacity	Nm	5-25	10-65	27-135	40-200
Tightening capacity	lbf.ft	4-18	7-48	18-100	29-147
Overall length	mm	265	302	408	520
Weight	Kg	0,40	0,75	1,03	1,4
Supplier code		TBN 25	TBN 65	TBN 135	TBN 200
Each		325,00	377,00	420,00	550,00

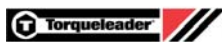
When stocks will be run out, will be shipped the same item marked Gedore.

When using with calibrating device Art. 793 GD, use inserts Art. 809 GR 3/8.

When using with calibration devices Art. 793 GL, use inserts Art. 809 GL-R-S.

When using with calibrating device Art. 793 GT, use inserts Art. 809 GL or Art. 809 GS.

803GR
803GT



9x12

SLIP TYPE WITHOUT SCALE. High precision tightening on pre-set torque value.

Over-tightening is not possible.

Automatic reset.

Automatic disconnection through angled movement at 110° of the head.

Heads in stainless steel microfusion, body in special aluminium alloy, ergonomic handgrip. "STB" torque wrenches must be preset directly on the place of use by means of suitable torque testers Art. 793 GC-D-L-RA-T and fixed on the desired value within the tightening range of the wrenches mentioned below. Ideal for controlled clamping of joints of hydraulic and air compressed plants.

Right operation.

Supplied with test certificate as per DIN ISO 6789.

± 4% tolerance of the set scale torque.

With end fitting frontal connection 9x12mm.

Art.		803GR	803GT
Tightening capacity	Nm	7-35	20-70
Overall length	mm	250	350
Weight	Kg	0,50	1
Supplier code		STB 35 G	STB 70 G
Each		599,00	616,00

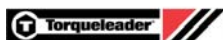
When using with calibration devices Art. 793 GC-D, use inserts Art. 806 GD 1/4 - 3/8 or Art. 806 GE 1/4 - 3/8.

When using with calibration devices Art. 793 GL, use inserts Art. 806 GD 3/8 - 1/2 or Art. 806 GE 3/8 - 1/2.

When using with calibration devices Art. 793 GT, use inserts Art. 806 GD 1/2 "or Art. 806 GE 1/2".

Products running out of stocks.

803GV
803GZ



16

Product description as Art. 803GT

± 4% tolerance of the set scale torque.

Straight connection with Ø 16mm male pin.

Art.		803GV	803GZ
Tightening capacity	Nm	7-35	20-70
Overall length	mm	225	365
Weight	Kg	0,50	1
Supplier code		STB 35	STB 70
Each		572,00	593,00

When using with calibration devices Art. 793 GC-D, use inserts Art. 809 GR.

When using with calibration devices Art. 793 GL, use inserts Art. 809 GL-R-S.

When using with calibration devices Art. 793 GT, use inserts Art. 809 GL or Art. 809 GS.

On request the spanners from Art. 803 G to Art. 803 GZ can be supplied pre-calibrated to the desired value (with extra price).

Products running out of stocks.



PRECISION TORQUE WRENCHES WITHOUT SIZES SCALE, WITH SIGNAL OUTPUT SYSTEM

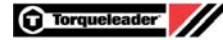
Orig. Torqueleader

BREAK TYPE WITHOUT SCALE WITH ELECTRONIC SWITCH (Sw), that allows an external device to check if the pre-set torque value has been reached and to count how many times this value has been applied. The wrench is connected to the monitoring device by means of a cable and can be interfaced with computers, switches etc. This system allows for the automated monitoring of the application process of tightening in any line production.

Other features of the wrenches similar to Art. 803 GA-B-D-E.

The wrenches are supplied with a switch Art. 794 GHA and a cable of the length of approx. 5 m Art. 794 GHB.

Size		2	10	25	65	135
Tightening capacity	Nm	0,4-2	1-10	5-25	10-65	27-135
Tightening capacity	lbf.in/ft	3,5-18	9-89	4-18	7-48	18-100
Overall length	mm	133	133	415	452	558
Weight	Kg	0,13	0,15	0,75	1,09	1,68
Supplier code		TBN 2 G Sw	TBN 10 G Sw	TBN 25 G Sw	TBN 65 G Sw	TBN 135 G Sw
804GA	Each	901,00	914,00	940,00	994,00	1.060,00



804GA



9x12

3

When stocks will be run out, will be shipped the same item marked Gedore.

On request, the spanners Art. 803 GF to 803 GPE can be supplied with an electrical switch (Sw).

On request the spanners Art. 804 GA can be supplied pre-calibrated to the desired value (with extra price).

TORQUE WRENCHES WITH FEMALE DRIVE

Orig. Torqueleader

Break type providing real accuracy for repeating processes with a set value.

Robust construction which provides long performance life when installing bulk items. Tolerance: ± 6% for each scale reading.

Automatic disconnection with 20° angular rod body movement. Automatic reset feature.

Micrometer Nm scale providing a clear view of the values.

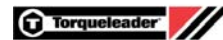
Ergonomic adjustment by rotating the handle complete with safety lock, positioned at the far end.

Can be used with both left and right handed operation.

DIN ISO 6789 certification.

Type with frontal connection of inserts.

Art.		804GH	804GL
Inserts drive	mm	9x12	9x12
Tightening capacity	Nm	1-5	2-10
Scale division		0,025 Nm	0,05 Nm
Overall length	mm	230	230
Weight	Kg	0,29	0,3
Supplier code		ATB 5 G	ATB 10 G
Each		391,00	391,00



804GH
804GL



9x12

When stocks will be run out, will be shipped the same item marked Gedore.

Orig. Carolus - Art. 5912.150

Click type.

Suitable for precision installations. Easy to handle: Tolerance: ± 3% for each scale reading. Dual micrometer scale Nm/lbf.ft with handle and values which can be viewed by using a magnifying glass for easy reading. Can be adjusted by rotating the ergonomic plastic handle with a safety lock for final positioning.

For use with left and right handed operation.

Equipped with items certified as per DIN ISO 6789.

Type with frontal connection of inserts.

Size		150
Inserts drive	mm	9x12
Tightening capacity	Nm	30-150
Tightening capacity	lbf.ft	20-110
Scale division		1 Nm
Overall length	mm	460,5
804GP	Each	199,00



804GP



9x12

Product running out of stock.



804GS

804GT

805GA

805GB

**9x12****Orig. Gedore**Click type. Handy construction. $\pm 3\%$ tolerance of the scale set torque.

Double scale with graduation Nm/lbf.ft on handle below a window with a magnifying-glass effect that makes reading easier.

Adjustment obtained by rotating the ergonomically shaped nylon handgrip, safety lock at the extremity. For controlled bi-directional tightening.

Supplied with test certificate as per DIN ISO 6789.

With end fitting frontal connection.

Art.		804GS	804GT	805GA	805GB
Inserts drive	mm	9x12	9x12	9x12	9x12
Tightening capacity	Nm	5-25	10-50	20-100	30-150
Tightening capacity	lbf.ft	3,7-18	7,5-37	15-75	22-110
Scale division		0,1 Nm	0,25 Nm	0,5 Nm	1 Nm
Overall length	mm	274	324	370	461
Weight	Kg	0,3	0,45	0,6	0,8
Supplier code		4101-02	4101-05	4100-01	4200-02
Each		212,00	222,00	234,00	261,00

805GC

805GD

805GE

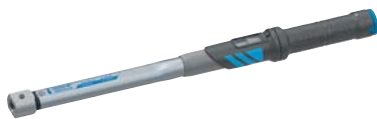
**14x18**

Product description as Art. 804GS

With end fitting frontal connection.

Art.		805GC	805GD	805GE
Inserts drive	mm	14x18	14x18	14x18
Tightening capacity	Nm	40-200	60-300	80-400
Tightening capacity	lbf.ft	30-150	45-220	60-300
Scale division		1 Nm	1 Nm	1 Nm
Overall length	mm	471	562	649
Weight	Kg	0,9	1,2	1,6
Supplier code		4201-01	4300-01	4301-01
Each		268,00	306,00	453,00

805GF

**9x12****Orig. Gedore - Dremaster SE**

Click type.

Suitable for precision installations. Easy to handle. Can be adjusted by rotating the ergonomic handle with safety lock, which includes visual monitoring located at the far end. An additional quick adjustment is also possible by using round tenders, not provided. Dual component handle with soft, non-slip grip with a clear path through to the centre providing accurate hold and calibration process. Tolerance: $\pm 3\%$ for each scale reading. Dual scale Nm/lbf.ft reading which can be selected by using the cursor, and which helps to avoid any potential reading errors.

Micrometric adjustments with Nm values.

Equipped with items DIN ISO 6789:2003 certified.

Type II, Class A.

Type with frontal connection of inserts.

Size		100	150
Inserts drive	mm	9x12	9x12
Tightening capacity	Nm	20-100	30-150
Tightening capacity	lbf.ft	15-75	22-110
Scale division		0,5 Nm	1 Nm
Overall length	mm	398,5	489,5
Weight	Kg	0,8	1,0
Supplier code		DMSE 100	DMSE 150
805GF	Each	258,00	289,00

805GH

**14x18**

Product description as Art. 805GF

Type with frontal connection of inserts.

Size		200	300	400
Inserts drive	mm	14x18	14x18	14x18
Tightening capacity	Nm	40-200	60-300	80-400
Tightening capacity	lbf.ft	30-150	45-220	60-300
Scale division		1 Nm	1 Nm	1 Nm
Overall length	mm	499,5	590,5	677,5
Weight	Kg	1,1	1,3	2,0
Supplier code		DMSE 200	DMSE 300	DMSE 400
805GH	Each	296,00	339,00	503,00



Orig. Gedore

Click type. Light alloy body. Inside components in alloyed steel. ± 3% tolerance of the scale set torque. Double scale Nm/lbf on handle. Adjustment by means of the jointed socket built-in in the handle. Audible acoustic signal ("click") on reaching preset torque value. For controlled bi-directional tightening.
Supplied with test certificate as per DIN ISO 6789.

GEDORE

**805GL
805GP**

With end fitting frontal connection.

Art.		805GL	805GP
Inserts drive	mm	9x12	9x12
Tightening capacity	Nm	8-40	25-120
Tightening capacity	lbf.in	70-350	-
Tightening capacity	lbf.ft	-	18-90
Scale division		5 Nm/50 lbf.in	5 Nm/5 lbf.ft
Overall length	mm	365	490
Weight	Kg	0,95	1,25
Supplier code		8480-01	8481-01
Each		623,00	686,00



9x12

3

Orig. Gedore - Art. 8482-01

Product description as Art. 805GL

With end fitting frontal connection.

Inserts drive	mm	14x18
Tightening capacity	Nm	80-400
Tightening capacity	lbf.in	-
Tightening capacity	lbf.ft	60-300
Scale division		5 Nm/5 lbf.ft
Overall length	mm	650
Weight	Kg	1,7
805GR	Each	861,00

GEDORE

805GR



14x18

BITS WITH 9X12 MM MALE COUPLING

Orig. Carolus - Art. 7709

In special steel.

For all torque wrenches with female 9x12mm connector.

Fixed open wrench inserts.

Opening	mm	8	9	12	13	14	15	17
805GT	Each	29,50	29,50	29,50	29,50	29,50	29,50	29,50

Product running out of stock.

carolus
by GEDORE

9x12

805GT



Orig. Carolus - Art. 7710

Product description as Art. 805GT

Closed polygonal wrench insert.

Opening	mm	8	10	11	12	13	14	15
805GV	Each	29,50	29,50	29,50	29,50	29,50	29,50	29,50

Opening	mm	16	17	18	19	21
805GV	Each	29,50	29,50	29,50	29,50	32,60

Product running out of stock.

carolus
by GEDORE

9x12

805GV



Orig. Carolus - Art. 7711

Product description as Art. 805GT

Open polygonal wrench insert.

Opening	mm	19
805GZ	Each	34,10

Product running out of stock.

carolus
by GEDORE

9x12

805GZ



Orig. Gedore

In CHROME-VANADIUM steel.

For all torque wrenches with female 9x12mm connector.

Open end fitting.

Opening	mm	7	8	9	10	11	12	13
806GA	Each	56,80	56,80	56,80	56,80	56,80	56,80	56,80

Opening	mm	14	15	16	17	18	19
806GA	Each	56,80	56,80	56,80	56,80	56,80	56,80

GEDORE

9x12

806GA



**806GB GEDORE 9x12**

Product description as Art. 806GA

Bihexagonal ring end fitting.

Opening	mm	7	8	10	11	12	13	14
806GB	Each	60,20	60,20	60,20	60,20	60,20	60,20	60,20
Opening	mm	15	16	17	18	19	21	22
806GB	Each	60,20	60,20	60,20	60,20	60,20	60,20	60,20

806GC GEDORE 9x12

Product description as Art. 806GA

Bihexagonal open end fitting.

Opening	mm	10	11	12	13	14	17	18
806GC	Each	63,30	63,30	63,30	63,30	63,30	63,30	63,70
Opening	mm	19	22					
806GC	Each	63,30	63,30					

806GCT GEDORE 9x12

Product description as Art. 806GA

TORX end fitting.

TORX size	E	6	8	12
Seal	mm	5,74	7,52	11,17
806GCT	Each	59,30	53,90	53,90

Product running out of stock.

806GD GEDORE 9x12

Product description as Art. 806GA

Ratchet mechanism, right/left dial.

Square drive	inch	1/4	3/8	1/2
806GD	Each	132,00	138,00	144,00

806GDT carolus 9x12
by GEDORE

Orig. Carolus - Art. 7712

In special steel.

For all torque wrenches with female 9x12mm connector.

Fixed insert.

Square drive	inch	1/4	3/8	1/2
Max tightening threshold	Nm	30	135	150
806GDT	Each	33,40	33,40	33,40

Product running out of stock.

806GE GEDORE 9x12

Orig. Gedore

In CHROME-VANADIUM steel.

For all torque wrenches with female 9x12mm connector.

Right/left through square drive.

Square drive	inch	1/4	3/8	1/2
806GE	Each	58,10	58,10	58,10

806GET carolus 9x12
by GEDORE

Orig. Carolus - Art. 7713

In special steel.

For all torque wrenches with female 9x12mm connector.

Bit holder insert.

For bits with 5/16 drive.

806GET	Each	38,60
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Product running out of stock.

806GF GEDORE 9x12

Orig. Gedore

In CHROME-VANADIUM steel.

For all torque wrenches with female 9x12mm connector.

Bit-holder insert.

For bits drive	inch	1/4	5/16
Supplier code		7812-10	7812-00
806GF	Each	61,90	59,80



For all torque wrenches with female 9x12mm connector.
Insert for special working. Used to weld customized tightening devices to solve installation problems.

806GFS	Each	46,60
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GEDORE 9x12 806GFS



Prod. SCU

In special steel.
For all torque wrenches with female 9x12mm connector.
Adapter insert to expand the wrench drive from 9x12mm to 14x18mm.
Maximum torque moment 100 Nm.

806GFT	Each	69,10
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SCU 9x12 806GFT



14x18

3

BITS WITH 14X18 MM MALE COUPLING

Orig. Carolus - Art. 7714

In special steel.
For all torque wrenches with female 14x18mm connector.
Fixed open wrench inserts.

Opening	mm	13	15	16	17	18	21	22
806GFV	Each	34,10	34,10	34,70	34,10	34,10	38,80	38,80
Opening	mm	24	32	34	41			
806GFV	Each	38,80	50,50	50,50	58,20			

Product running out of stock.

carolus 14x18 806GFV



Orig. Carolus - Art. 7715

Product description as Art. 806GFV
Closed polygonal wrench insert.

Opening	mm	15	16	17	18	19	22	24
806GFZ	Each	36,50	37,10	36,50	37,10	36,50	41,70	44,30
Opening	mm	36						
806GFZ	Each	51,90						

Product running out of stock.

carolus 14x18 806GFZ



Orig. Gedore

In CHROME-VANADIUM steel.
For all torque wrenches with female 14x18mm connector.
Open end fitting.

Opening	mm	13	14	15	16	17	18	19
806GH	Each	64,90	64,90	64,90	64,90	64,90	64,90	64,90
Opening	mm	21	22	24	27	29	30	32
806GH	Each	77,50	77,50	77,50	77,90	88,20	88,20	87,80
Opening	mm	34	36	41				
806GH	Each	94,90	99,80	99,40				

GEDORE 14x18 806GH



Product description as Art. 806GH

Bihexagonal ring end fitting.

Opening	mm	13	14	15	16	17	18	19
806GL	Each	66,50	66,50	66,50	66,50	66,50	66,50	66,50
Opening	mm	21	22	24	27	30	32	34
806GL	Each	80,10	80,10	79,90	80,10	89,50	89,50	98,10
Opening	mm	36	41					
806GL	Each	98,10	98,10					

GEDORE 14x18 806GL



Product description as Art. 806GH

Internal TORX end fitting

TORX size	E	14	20	24
Seal	mm	12,90	18,45	22,16
806GLT	Each	71,10	71,10	80,00

Product running out of stock.

GEDORE 14x18 806GLT



**806GM GEDORE 14x18**

Product description as Art. 806GH

Ratchet mechanism, right/left dial.

Square drive	inch	1/2	3/4
806GM	Each	144,00	209,00

806GN carolus 14x18

Orig. Carolus - Art. 7716

In special steel.

For all torque wrenches with female 14x18mm connector.

Fixed insert.

Square drive	inch	1/2
Max tightening threshold	Nm	340
806GN	Each	38,60

Product running out of stock.

806GP GEDORE 14x18

Orig. Gedore

In CHROME-VANADIUM steel.

For all torque wrenches with female 14x18mm connector.

Right/left through square drive.

Square drive	inch	1/2	3/4
806GP	Each	62,10	104,00

806GS GEDORE 14x18

Product description as Art. 806GP

Bit-holder insert.

5/16" drive.

806GS	Each	125,00
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806GT GEDORE 14x18

For all torque wrenches with female 14x18mm connector.

Insert for special working. Used to weld customized tightening devices to solve installation problems.

806GT	Each	55,30
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806GZ SCU 14x18

Prod. SCU

In CHROME-VANADIUM steel.

For all torque wrenches with female 14x18mm connector.

Adapter insert to reduce the wrench drive from 14x18mm to 9x12mm.

Maximum torque moment 100 Nm.

806GZ	Each	62,50
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9x12**ASSORTED SET OF TOOLS WITH TORQUE WRENCH****807A GEDORE 9x12**

Orig. Gedore - Art. 4101-G02

Composition of torque wrench including inserts and ratchets in metal casing.

Comprises:

- 1 torque wrench 804 GS
- 3 inserts 806 GA 10-13-17
- 3 inserts 806 GB 10-13-17
- 1 ratchet insert 806 GD 3/8

807A	Each	734,00
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Product running out of stock.

Orig. Gedore - Art. 4101-G05

Product description as Art. 807A

Comprises:

- 1 torque wrench 804 GT
- 3 inserts 806 GA 10-13-17
- 3 inserts 806 GB 10-13-17
- 1 ratchet insert 806 GD 3/8

807B	Each	700,00
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Product running out of stock.



Orig. Gedore - Art. GDMSE 100

Product description as Art. 807A

Comprises:

- 1 torque wrench 805 GF 100
- 3 inserts 806 GA 13-19-17
- 3 inserts 806 GB 13-19-17
- 1 ratchet insert 806 GD 1/2

807E Each **981,00**

GEDORE 9x12 807E



Orig. Gedore - Art. GDMSE 200

Product description as Art. 807A

Comprises:

- 1 torque wrench 805 GH 200
- 3 inserts 806 GH 17-19-24
- 3 inserts 806 Gal 17-19-24
- 1 ratchet insert 806 GM 1/2

807G Each **1.150,00**

GEDORE 14x18 807G



TORQUE WRENCHES WITH MALE DRIVE

Orig. Gedore

Click type. Handy construction. Adjustment obtained by rotating the ergonomically shaped nylon handgrip, safety lock at the extremity. ± 3% tolerance of the scale set torque.

Double scale with graduation Nm/lbf.ft on handle below a window with a magnifying-glass effect that makes reading easier. For controlled bi-directional tightening.

Supplied with test certificate as per DIN ISO 6789. Straight connection type with male pin.

GEDORE 16 808GL 808GP 808GR 808GS 808GT 808GV



Art.		808GL	808GP	808GR	808GS	808GT	808GV
Pivot drive Ø	mm	16	16	16	16	16	16
Tightening capacity	Nm	5-25	10-50	20-100	40-200	60-300	80-400
Tightening capacity	lbf.ft	3,5-18	7,5-37	15-75	30-150	45-220	60-300
Scale division		0,1 Nm	0,25 Nm	0,5 Nm	1 Nm	1 Nm	1 Nm
Overall length	mm	279	329	377	468	559	646
Weight	Kg	0,33	0,39	0,7	0,86	1,08	1,39
Supplier code		4400-02	4405-05	4410-01	4420-01	4430-01	4440-01
Each		192,00	202,00	221,00	254,00	294,00	403,00

Product description as Art. 808GL

Art.		808GZ 1	808GZ 2	808GZ 3
Pivot drive Ø	mm	22	22	22
Tightening capacity	Nm	110-550	150-750	250-850
Tightening capacity	lbf.ft	80-405	110-550	185-630
Scale division		1 Nm	1 Nm	1 Nm
Overall length	mm	917	1198	1345
Weight	Kg	3	4,06	4,43
Supplier code		4450-01	4475-01	4485-01
Each		689,00	806,00	1.170,00

GEDORE 22 808GZ 1 808GZ 2 808GZ 3



Orig. Gedore - Dremaster Z

Click type.

Easy to handle. Can be adjusted by rotating the ergonomic handle with safety lock, which includes visual monitoring located at the far end. An additional quick adjustment is also possible by using round tenders, although these are not provided. Dual component handle with soft, non-slip grip with a clear path through to the centre providing an accurate hold and an accurate calibration process. Tolerance: ± 3% for each scale reading. Dual scale Nm/lbf.ft reading which can be selected by using the cursor, and which helps to avoid any potential reading errors. Micrometric adjustments with Nm values.

Equipped with items certified as per DIN ISO 6789:2003.

Type II, Class A.

Type with straight coupling with male pin.

Size		100	200	300	400
Pivot drive Ø	mm	16	16	16	16
Tightening capacity	Nm	20-100	40-200	60-300	80-400
Tightening capacity	lbf.ft	15-75	30-150	45-220	60-300
Scale division		0,5 Nm	1 Nm	1 Nm	1 Nm
Overall length	mm	405,5	496,5	587,5	677,5
Weight	Kg	0,9	1,1	1,3	2,2
Supplier code		DMZ 100	DMZ 200	DMZ 300	DMZ 400
808H	Each	245,00	282,00	324,00	449,00

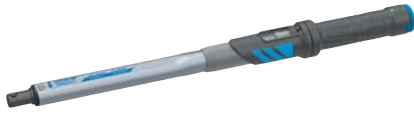
GEDORE 16 808H



Wrenches Art. 808 H with inserts and ratchets can be supplied on request in a metal case.



808M GEDORE 22



Product description as Art. 808H
Type with straight coupling with male pin.

Size		550	750	850
Pivot drive Ø	mm	22	22	22
Tightening capacity	Nm	110-550	150-750	250-850
Tightening capacity	lbf.ft	80-405	110-550	185-630
Scale division		1 Nm	1 Nm	1 Nm
Overall length	mm	913	1194	1341
Weight	Kg	3,6	4,7	5
Supplier code		DMZ 550	DMZ 750	DMZ 850
808M	Each	771,00	895,00	1.300,00

809GA GEDORE 16
809GB
809GC



Orig. Gedore
Click type. Light alloy body. Inside components in alloyed steel. Double scale Nm/lbf on handle. Adjustment by means of the jointed socket built-in in the handle. Audible acoustic signal ("click") on reaching preset torque value. For controlled bi-directional tightening. DIN ISO 6789 certification.
Type with straight connection with male pin.

Art.		809GA	809GB	809GC
Pivot drive Ø	mm	16	16	16
Tightening capacity	Nm	8-40	25-120	80-400
Tightening capacity	lbf.in	70-350	-	-
Tightening capacity	lbf.ft	-	18-90	60-300
Scale division		5 Nm/50 lbf.in	5 Nm/5 lbf.ft	5 Nm/5 lbf.ft
Overall length	mm	365	490	642
Weight	Kg	1	1,45	2
Supplier code		8460-01	8461-01	8462-01
Each		574,00	638,00	801,00

809GD GEDORE 22



Orig. Gedore - Art. 8463-10
Product description as Art. 809GA

Pivot drive Ø	mm	22
Tightening capacity	Nm	140-620
Tightening capacity	lbf.ft	105-450
Scale division		10 Nm/10 lbf.ft
Overall length	mm	845
Weight	Kg	3
809GD	Each	1.520,00

809GE GEDORE 28



Orig. Gedore - Art. 8471-01
Product description as Art. 809GA

Pivot drive Ø	mm	28
Tightening capacity	Nm	520-1000
Tightening capacity	lbf.ft	380-730
Scale division		10 Nm/10 lbf.ft
Overall length	mm	845
Weight	Kg	3
809GE	Each	2.160,00

Art. 809 GE: supplied with bar. Wrench overall length: 1330mm.

BITS WITH 16 MM DIAMETER FEMALE COUPLING

809GF GEDORE 16



Orig. Gedore
In CHROME-VANADIUM steel.
For all torque wrenches with male Ø 16mm connector.
Open end fitting.

Opening	mm	7	8	9	10	11	12	13
809GF	Each	54,60	54,60	54,70	54,60	54,60	54,60	54,60
Opening	mm	14	15	16	17	18	19	20
809GF	Each	54,60	54,60	54,60	54,60	54,60	54,60	54,60
Opening	mm	21	22	23	24	25	26	27
809GF	Each	58,40	58,40	58,60	58,40	58,80	63,70	63,70
Opening	mm	28	29	30	32	36		
809GF	Each	63,70	63,70	63,70	63,70	63,70		

Inch sizes are available on request.



Product description as Art. 809GF

Bihexagonal ring end fitting.

Opening	mm	7	8	9	10	11	12	13
809GH	Each	57,30	57,10	57,10	56,80	57,10	57,10	56,80
Opening	mm	14	15	16	17	18	19	20
809GH	Each	56,80	56,80	56,80	56,80	56,80	56,80	57,30
Opening	mm	21	22	23	24	27		
809GH	Each	59,60	59,50	59,50	59,50	59,80		

Inch sizes are available on request.

GEDORE 16 **809GH**



Product description as Art. 809GF

Bihexagonal open end fitting.

Opening	mm	7	8	9	10	11	12	13
809GHA	Each	68,70	68,70	68,70	67,90	68,70	68,70	69,40
Opening	mm	14	15	16	17	18	19	20
809GHA	Each	74,60	70,10	73,70	74,10	77,20	76,60	77,20
Opening	mm	21	22	24	27			
809GHA	Each	81,70	83,60	83,60	85,30			

GEDORE 16 **809GHA**



Product description as Art. 809GF

Square drive insert.

Square drive	inch	3/8	1/2
809GL	Each	104,00	104,00

GEDORE 16 **809GL**



Product description as Art. 809GF

Hex male drive.

Opening	mm	3	4	5	6	8
809GM	Each	105,00	105,00	105,00	105,00	105,00

GEDORE 16 **809GM**



Product description as Art. 809GF

External TORX end fitting

TORX size	T	20	25	27	30	40	45
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82
809GP	Each	91,70	91,70	91,70	91,70	108,00	108,00

Product running out of stock.

GEDORE 16 **809GP**



Product description as Art. 809GF

Ratchet mechanism, 3/8" square drive.

809GR	Each	129,00
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GEDORE 16 **809GR**



Product description as Art. 809GF

Ratchet mechanism, left/right dial, 1/2" square drive.

809GS	Each	132,00
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GEDORE 16 **809GS**





BITS WITH 22 MM DIAMETER FEMALE COUPLING

809GT **GEDORE** 22

Orig. Gedore

In CHROME-VANADIUM steel.

For all torque wrenches with male Ø 22mm connector.

Open end fitting.

Opening	mm	22	24	27	30	32	34	36	41	46
809GT	Each	93,80	93,80	93,80	93,80	103,00	103,00	103,00	112,00	112,00

809GV **GEDORE** 22

Product description as Art. 809GT

Bihexagonal ring end fitting

Opening	mm	22	24	27	30	32	34	36
809GV	Each	96,00	96,00	96,00	96,00	105,00	105,00	105,00

Opening	mm	41	46
809GV	Each	111,00	112,00

809GZ **GEDORE** 22

Product description as Art. 809GT

3/4" square drive.

809GZ	Each	132,00
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809GZA **GEDORE** 22

Product description as Art. 809GT

Ratchet mechanism, 3/4" square drive.

809GZA	Each	244,00
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809GZE **GEDORE** 22

Product description as Art. 809GT

Ratchet insert the right-left disc, square drive 3/4 ".

809GZE	Each	244,00
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BITS WITH 28 MM DIAMETER FEMALE COUPLING

810GA **GEDORE** 28

Orig. Gedore

In CHROME-VANADIUM steel.

For all torque wrenches with male Ø 28mm connector.

Open end fitting.

Opening	mm	32	34	36	41	46	50	55
810GA	Each	888,00	888,00	1.020,00	1.020,00	1.020,00	1.020,00	1.040,00

Opening	mm	60	65	70
810GA	Each	1.070,00	1.100,00	1.130,00

Sizes mm 32 and 34 running out of stock.

810GB **GEDORE** 28

Product description as Art. 810GA

Bihexagonal ring end fitting.

Opening	mm	27	32	34	36	41	46	50
810GB	Each	1.040,00	1.040,00	1.040,00	1.180,00	1.180,00	1.180,00	1.180,00

Opening	mm	55	60	65	70
810GB	Each	1.230,00	1.230,00	1.270,00	1.270,00

Sizes mm 27, 32 and 34 running out of stock.



Product description as Art. 810GA
Ratchet mechanism, 3/4" square drive.

810GE Each **1.230,00**

GEDORE **28** **810GE**



DIGITAL ELECTRONIC TORQUE WRENCHES

Prod. SCU

Digital electronic torque wrench made of special steel pipe, covered with plastic and rubbery material for added protection and a safer grip. Reversible ratchet, with lever for movement L+R. 4-digit display with 5 possibilities to convert the unit of measurement: Nm, ft-lb, in-lb, kgf-m, kgf-cm. Low battery indicator.

Measurement accuracy: $\pm 2\%$ for right rotation, $\pm 3\%$ for left rotation.

Calibration report provided. Power supply with 2 1.5 V alkaline batteries (type AA, Art. 3600 E), not supplied. Auto-off to save batteries.

Easy to use, when the tightening torque is reached, the handle vibrates, a "beep" sound is emitted, a red LED lights up and the value reached is shown on the display.

Size		135	340
Tightening capacity	Nm	10-135	34-340
Square drive	inch	3/8	1/2
Scale division	Nm	0,1	0,1
Overall length	mm	400	620
Weight	Kg	1,8	2,35
810GF	Each	381,00	406,00

SCU

810GF
new



3/8"

1/2"

Orig. Gedore - Art. 8455-350

Electronic torque wrench with microprocessor control, CE mark. Reversible ratchet with disc change. 1/2" drive for right and left tightening, removable. Square female drive 14x18mm, when the ratchet is removed. Big LC display.

Easy to be operated through 3 keys.

High measuring accuracy: $\pm 1\% \pm 1$ Digit.

Supplied with test certificate as per DIN ISO 6789.

Storage function, direct PC connection (RS 232 serial interface), software on disk and connection cable.

Supplied in case.

Size		350
Tightening capacity	Nm	70-350
Scale division	Nm	0,1
Overall length	mm	658
Weight	Kg	1,3
810GH	Each	1.490,00

GEDORE



810GH



14x18

1/2"

Product running out of stock.

Orig. Gedore - Torcotronic III

Latest generation digital torque wrench used for TORQUE and ANGULAR measurements. Microprocessor controls with CE marking. 1/2" reversible ratchet disc for tightening on the left and on the right, removable via the ratchet insert keys and can be attached with female coupling measuring 9x12 (as for Art. 810 GR 120) o mm 14x18 (Art. 810 GR 350). Graphic display with rear lit liquid crystal display. Simple operation with menu icons and four function keys. Dual scale in Nm and lbf.ft.

High level of measuring accuracy: $\pm 1\% \pm 1$ digit / $\pm 1\% \pm 1^\circ$ at 360° with a clamping speed to 4°/s.

Is able to program various measuring distances depending on the inserts which have been installed. Keypad lock, visual display with 3 LEDs and a buzzer.

Equipped with items specified as per DIN ISO 6789:2003. Type I, Class C. Approved in accordance with TÜV SÜD regulations. Extended memory; possibility to select 5 different measurement modes and 5 different clamping settings. Direct PC connection via USB cable, software available on disk.

Power supply with AA (Art. SCU 3600 E) or NiMH battery.

Provided with casing.

Size		120	350
Inserts drive	mm	9x12	14x18
Tightening capacity	Nm	10-120	70-350
Tightening capacity	lbf.ft	7,4-88,5	51,6-258,2
Scale division	Nm	0,1 Nm/0,1°	0,1 Nm/0,1°
Overall length	mm	565	701
Weight	Kg	0,9	1,2
Supplier code		TT 3 KH 120	TT 3 KH 350
810GR	Each	1.940,00	2.100,00

GEDORE



810GR



9x12 14x18

1/2"

In order to make full use of the wrench functions it must be connected to a PC with operating system WINDOWS XP or above.



SOCKET RATCHETS FOR TORQUE WRENCHES

811G GEDORE



Orig. Gedore

Sockets with built-in ratchet head to be used with torque wrenches for right use. Square female drive on one extremity, square male drive on the other extremity. In CHROME-VANADIUM steel.

Drive	inch	1/4	3/8	1/2	3/4	1
Overall height	mm	21	28	35	53	63
Ø	mm	24	35	46	65	73
Supplier code		754-00	754-01	754-02	754-04	754-06
811G	Each	115,00	120,00	155,00	228,00	590,00

Socket ratchets for counter clockwise torque wrenches on request.

811GA SCU



Prod. SCU

Sockets with built-in ratchet head with reversible knurled nut for use RIGHT and LEFT of torque wrenches. In CHROME-VANADIUM steel.

Drive	inch	1/2	3/4
Overall height	mm	55	90
Ø	mm	37	60
811GA	Each	117,00	352,00

Product running out of stock.

PRECISION TORQUE MULTIPLIER

811GT SCU



Prod. SCU

Mechanical torque multiplier of the tightening value set by the operator on the torque wrench. ± 5% tolerance. For bi-directional tightening.

Art. 811 GT 1680: with reaction bar.

Art. 811 GT 2700: with reaction foot.

Art. 811 GT 3500: with reaction plate.

Art. 811 GT 4500: with reaction bar.

Art. 811 GT 6000: with reaction foot and bar.

Art. 811 GT 9500: with reaction foot and bar.

Supplied in case.

Max tightening threshold	Nm	1680	2700	3500	4500	6000	9500
Int. panel for dynamometric key	inch	1/2	3/4	3/4	1/2	1/2	1/2
Ext. panel for bushes	inch	3/4	1	1	1.1/2	1.1/2	1.1/2
Multiplies force 1x		6	5,4	4,5	20	26	26
Drum Ø	mm	100	100	108	120	130	184
Overall height	mm	106	126	130	200	216	215
Weight	Kg	4,9	6,3	7,3	8,3	15,7	30,3
811GT	Each	1.250,00	1.420,00	2.840,00	4.020,00	7.000,00	13.130,00

Check the maximum load to choose the right torque multiplier.

813GE GEDORE



Orig. Gedore - Art. 8601-13 RS

Mechanical multiplier of the torque value set by the operator on the torque wrench. Adjustable locking device.

Rahsol-Dremotec models with "RS" are fitted with kick-back protection. Precision: ±4%. For right and left hand use.

Art. 813 GD-E-F-M-R5-S-T: with reaction plate.

Art. 813 GH-O: with reaction tube.

Int. panel for torque wrench	inch	1/2
Ext. panel for bushes	inch	1
Multiplies force 1x		25
Drum Ø	mm	108
Overall height	mm	156
Max tightening threshold	Nm	1700
Weight	Kg	6,5
813GE	Each	1.500,00

Product running out of stock.

813GM GEDORE



Orig. Gedore - Art. 8603-31

Product description as Art. 813GE

Int. panel for torque wrench	inch	3/4
Ext. panel for bushes	inch	1.1/2
Multiplies force 1x		5
Drum Ø	mm	119
Overall height	mm	149
Max tightening threshold	Nm	3400
Weight	Kg	8,7
813GM	Each	2.620,00

Product running out of stock.


Orig. Gedore - Art. 8604-44

Product description as Art. 813GE

Int. panel for torque wrench	inch	3/4
Ext. panel for bushes	inch	1.1/2
Multiplies force 1x		5
Drum Ø	mm	144
Overall height	mm	165
Max tightening threshold	Nm	6000
Weight	Kg	13,6

813GR 5	Each	4.230,00
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Product running out of stock.
813GR 5


3/4"

1.1/2"

3

Orig. Gedore - Art. 8604-45 RS

Product description as Art. 813GE

Int. panel for torque wrench	inch	1/2
Ext. panel for bushes	inch	1.1/2
Multiplies force 1x		25
Drum Ø	mm	144
Overall height	mm	226
Max tightening threshold	Nm	6000
Weight	Kg	16,5

813GS	Each	5.260,00
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Product running out of stock.
813GS


1/2"

1.1/2"

Orig. Gedore - Art. 8605-62 RS

Product description as Art. 813GE

Int. panel for torque wrench	inch	3/4
Ext. panel for bushes	inch	1.1/2
Multiplies force 1x		25
Drum Ø	mm	184
Overall height	mm	209
Max tightening threshold	Nm	9500
Weight	Kg	21

813GT	Each	9.610,00
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Product running out of stock.
813GT


3/4"

1.1/2"

Orig. Gedore - Art. DVV-13 Z

New generation of power multipliers which can produce high quality and multiple repeat measurement functions which can be included alongside your CALIBRATION CERTIFICATE. Suitable for any type of use even under the most demanding and most onerous circumstances. Mechanical model, can be operated alongside a manual torque wrench which can be used to tighten and loosen bolts, screws, etc. Includes single-stage planetary gear transmission and is made from high-quality aluminium alloys which make it both robust and lightweight. PTFE gears have been coated to provide durability. Accuracy range of 3%. Output framework includes holes for using sockets where wrenches can be inserted with pins and locking rings. Available in sturdy, portable casing.

Complete with forged CHROME-VANADIUM steel reaction bracket.

Max tightening threshold	Nm	1300
Int. panel for torque wrench	inch	1/2
Ext. panel for bushes	inch	3/4
Multiplies force 1x		5
Drum Ø	mm	80
Overall height	mm	133
Weight	Kg	1,9

814GA	Each	2.100,00
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814GA


1/2"

3/4"

Orig. Gedore - Art. DVI-28 L

Product description as Art. 814GA

Complete with light alloy reaction plate, with adjustable connection panel.

Max tightening threshold	Nm	2800
Int. panel for torque wrench	inch	3/4
Ext. panel for bushes	inch	1
Multiplies force 1x		5,5
Drum Ø	mm	106
Overall height	mm	146
Weight	Kg	3,4

814GE	Each	3.420,00
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814GE


3/4"

1"

**814GL** **GEDORE**

1/2"

1"

Orig. Gedore - Art. DVV-40 ZRS

Product description as Art. 814GA

Complete with recoil and overload safety device. With forged CHROME-VANADIUM steel reaction bracket.

Max tightening threshold	Nm	4000
Int. panel for torque wrench	inch	1/2
Ext. panel for bushes	inch	1
Multiplies force 1x		16
Drum Ø	mm	88
Overall height	mm	227
Weight	Kg	5,9

814GL	Each	4.480,00
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814GP **GEDORE**

3/4"

1.1/2"

Orig. Gedore - Art. DVV-80 ZRS

Product description as Art. 814GA

Complete with recoil and overload safety device. With forged CHROME-VANADIUM steel reaction bracket.

Max tightening threshold	Nm	8000
Int. panel for torque wrench	inch	3/4
Ext. panel for bushes	inch	1.1/2
Multiplies force 1x		22
Drum Ø	mm	128
Overall height	mm	277
Weight	Kg	13,3

814GP	Each	12.000,00
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ADJUSTABLE WRENCHES**817G** **GEDORE**

new

**Orig. Gedore red - Art. R0380**

In CHROME-VANADIUM forged steel.

Mouth 15° inclined, DIN 3117, form A. With graduated scale.

Phosphated execution, clean head.

Overall length	mm	385	460	610
Overall length	inch	15	18	24
Max opening	mm	43	55	62

817G	Each	59,10	98,30	197,00
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818G **GEDORE****Orig. Gedore - Art. 60P-62P**

In forged CHROME-VANADIUM steel.

Head angled at 15°, (600mm head angled at 22.5°), ISO 6787. With graded scale up to size 310mm.

Phosphate finish. Polished head.

Overall length	mm	100	150	200	250	310	380	460	600
Overall length	inch	4	6	8	10	12	15	18	24
Max opening	mm	14	20	25	30	36	43	53	63

818G	Each	17,70	15,40	20,40	24,40	34,40	75,40	114,00	315,00
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The 100mm wrench is not original Gedore.

819G **GEDORE****Orig. Gedore - Art. 60 S - C**

Patented type made from forged CHROME-VANADIUM steel.

Head angled at 15°, ISO 6787. With graded scale.

Chrome plated, polished head.

The mechanical protection and an additional striking surface allow you to gently tap.

Overall length	mm	100	150	200	250	310
Overall length	inch	4	6	8	10	12
Max opening	mm	14	20	25	30	36

819G	Each	18,80	16,80	22,20	27,90	37,40
-------------	-------------	--------------	--------------	--------------	--------------	--------------

The 100mm wrench is not original Gedore.


Orig. Gedore - Art. 60 S-8 JP

Product description as Art. 819G

 Phosphate-coated, polished head and ergonomic grip in high-grip plastic material.
 The protected mechanical elements and additional hammer surface allow light hammering.

Overall length	mm	200
Overall length	inch	8
Max opening	mm	25
820GA	Each	28,10

820GA

Orig. Gedore - Art. 60 S-8 JC

Product description as Art. 819G

 Chrome plated, polished head and ergonomic grip in high-grip plastic material.
 The protected mechanical elements and additional hammer surface allow light hammering.

Overall length	mm	200
Overall length	inch	8
Max opening	mm	25
820GE	Each	29,30

820GE

Prod. SCU

Head angled at 15° with scale in millimeters. Chrome-titanium finish and handle sheathed with soft plastic material. In CHROME VANADIUM steel.

Overall length	mm	150	200	250	300
Max opening	mm	19	24	30	36
821	Each	8,30	14,40	21,30	28,90

821


Crescent type. In alloyed forged steel, hardened parts subject to sliding.

Chrome plated execution.

Overall length	mm	150	200	250	300	380	450
Max opening	mm	19	24	30	36	46	55
822	Each	5,76	7,90	10,70	14,80	33,20	58,30

822

Orig. Gedore red - Art. R0391

Type with inclined mouth of 15° for use with a CRYCHETTO EFFECT.

In forged steel CHROME-VANADIUM. With a graduated scale.

Chromed execution, glossy head and plasticized handle for a safer grip.

Overall length	mm	205	256
Overall length	inch	8	10
Max opening	mm	30	36
822G	Each	33,50	43,20

822G
new

Orig. Peddinghaus - Art. 9048200001

With rounded jaws and mobile wheel for use with ratchet effect, for fast and accurate nut recovery.

In special hardened steel, handle covered with rubber for a more secure grip.

With scale.

Overall length	mm	200
Opening	mm	6 a 24
822GT	Each	40,50

822GT

Prod. SCU

Combined model. REVERSIBLE smooth/knurled jaw. Sliding jaw opening by rotating knurl backwards. In forged steel, head angled at 15°, with scale in millimeters. Chrome plated finish. Especially suited to mechanics, installers and plumbers.

Overall length	mm	250	300
Max opening	mm	30	35
823G	Each	39,50	53,10

823G

Product running out of stock.

Combined with fixed head for traditional use and articulated head for use with ratchet effect. By moving the dedicated lever, the head allows for the rapid recovery of the nut with better grip of the jaws on the same. Head made of special hardened steel, ergonomic handle made of sturdy plastic.

Overall length	mm	210
Max opening	mm	24
824G	Each	60,50

824G

Product running out of stock.



RACK AND LEVER WRENCHES

827G GEDORE



Orig. Gedore - Art. 320000

In CHROME-VANADIUM steel.

With ratchet and roller opening and closing. With locking lever.

For fittings and nuts even made of nickel and chrome. Interchangeable plastic jaws.

Overall length	mm	275
Max opening	mm	65
Mouth depth	mm	45

827G Each 108,00

Pair of spare plastic jaws Art. 827 G.

O827G Per 3,60

ADJUSTABLE HOOK WRENCHES

831G SCU



Prod. SCU

Lightweight and handy model with square pin for long assembling works. In special steel, hardened. For nuts DIN 1804 and DIN 981.

Burnished finish.

For rings and nuts	mm	20/35	35/60	60/90	90/155	155/230
Nib thickness	mm	3	4	6	7	8
Overall length	mm	135	175	240	300	420

831G Each 24,90 26,50 34,10 49,70 83,10

832G SCU



Industrial model with square pin section. In special steel, hardened.

For nuts DIN 1804 and DIN 981.

Burnished finish.

For rings and nuts	mm	20/35	35/60	60/90	90/155	155/230
Nib thickness	mm	5	6	7	8	10
Overall length	mm	165	210	280	335	460

832G Each 25,80 27,60 35,90 51,90 86,60

832GE SCU



Product description as Art. 832G

Nickel polished finish.

For rings and nuts	mm	20/35	35/60	60/90	90/155	155/230
Nib thickness	mm	5	6	7	8	10
Overall length	mm	165	210	280	335	460

832GE Each 29,10 34,40 38,50 55,40 96,30

832GL SCU



Industrial model, forged, with square pin section. In hardened steel.

Locknuts as per DIN 1804.

Chrome finish.

For rings and nuts	mm	15/35	35/50	50/80	80/120	120/180
Overall length	mm	170	215	290	345	480

832GL Each 17,90 34,10 41,70 57,10 79,60

832GR SCU INOX



Industrial model with square pin section. In special steel, hardened.

For nuts DIN 1804 and DIN 981.

NIROSTA stainless steel finish.

For rings and nuts	mm	20/35	35/60	60/90	90/155	155/230
Nib thickness	mm	5	6	7	7	10
Overall length	mm	165	210	280	335	460

832GR Each 64,90 69,20 78,60 106,00 197,00

832GV SCU



Lightweight and handy model with round pin for long assembling works. In special steel, hardened. For nuts DIN 1816.

Burnished finish.

For rings and nuts	mm	20/34	20/35	35/60	60/90	90/155	155/230
Nib Ø	mm	2,5	3	4	5	6	8
Overall length	mm	135	135	175	245	300	420

832GV Each 31,10 31,10 33,20 40,50 61,40 99,20

833G SCU



Industrial type with round pin. In special steel, hardened. For nuts DIN 1816.

Burnished finish.

For rings and nuts	mm	22/35	35/60	60/90	95/155	165/230
Nib Ø	mm	3	4	5,5	6	10
Overall length	mm	165	205	280	335	460

833G Each 32,30 34,70 42,10 63,90 104,00



Product description as Art. 833G

Nicket polished finish.

For rings and nuts	mm	22/35	35/60	60/90	95/155	165/230
Nib Ø	mm	3	4	5,5	6	10
Overall length	mm	165	205	280	335	460
833GF	Each	36,20	38,10	46,50	67,10	113,00

SCU

833GF



Industrial model, forged, with rounded pin. In hardened steel. Locknuts as per DIN 1816.

Chrome finish.

For rings and nuts	mm	15/35	35/50	50/80	80/120	120/180
Nib Ø	mm	2,7	3,8	4,8	5,8	7,8
Overall length	mm	170	215	290	345	480
833GL	Each	34,20	43,50	56,30	82,90	91,20

SCU

833GL



ADJUSTABLE HOOK WRENCHES FOR DYNAMOMETRIC TIGHTENING

Prod. SCU

With round pin, insert type, 1/2" square drive. To operate in combination with a torque wrench.

In special steel, hardened. For nuts DIN 1816. Burnished finish.

For rings and nuts	mm	35/60	60/90
Nib Ø	mm	4	5,5
Overall length	mm	110	130
834G	Each	89,60	93,50

SCU

1/2"

834G



ADJUSTABLE HOOK WRENCHES

Prod. SCU

Pin and toothed-rack type.

In special steel, hardened. Burnished finish. For nuts DIN 1804.

For rings and nuts	mm	20/42	45/90	95/165
Nib thickness	mm	4	6	10
Overall length	mm	180	240	335
835G	Each	31,40	35,30	56,30

SCU

835G



ADJUSTABLE HOOK WRENCHES FOR TORQUE CLAMPING

Prod. SCU

Nose type with toothed rack adjustment, with 1/2" square drive for use with torque wrenches.

In special hardened steel for DIN 1804 ferrules. Burnished finish.

For rings and nuts	mm	20/42	45/90	95/165
Nib thickness	mm	4	6	10
Overall length	mm	135	192	272
836G	Each	85,20	89,10	107,00

SCU

1/2"

836G
new



HOOK VARIABLE WRENCHES

Prod. SCU

Model with round fixed pivots.

Burnished finish, in special hardened steel.

Type		3	4	4A	5	6	6A	8	8A	10
Nib Ø	mm	3	4	4	5	6	6	8	8	10
For rings and nuts	mm	18/40	18/40	40/80	40/80	40/80	80/125	80/125	125/200	125/200
Overall length	mm	150	150	220	220	220	295	295	405	405
839G	Each	28,40	28,50	38,10	38,10	38,10	60,60	60,60	129,00	130,00

SCU

839G



Model with round interchangeable pivots.

Burnished finish, in special hardened steel.

Type		3	4	4A	5	6	6A	8	8A	10
Nib Ø	mm	3	4	4	5	6	6	8	8	10
For rings and nuts	mm	18/40	18/40	40/80	40/80	40/80	80/125	80/125	125/200	125/200
Overall length	mm	150	150	220	220	220	295	295	405	405
840G	Each	36,90	36,90	51,10	51,10	51,10	75,20	75,20	141,00	141,00

SCU

840G



Available on request: the same spanners with square connection 1/2"- 3/4" for use with torque wrenches.

Round interchangeable pivots for Art. 840G.

Type		3	4	4A	5	6	6A	8	8A	10
Ø	mm	3	4	4	5	6	6	8	8	10
O840G	Each	5,30	5,30	5,98	5,98	5,98	5,98	6,08	9,80	9,80



HOOK WRENCHES

840GE

SCU



Prod. SCU

In special steel, hardened. For nuts DIN 6499 D (ER). Zinc finish.

For ring Ø	mm	32	35	42	50	63
Size	DIN	16	20	25	32	40
Overall length	mm	163	183	203	253	285
840GE	Each	12,60	14,10	14,40	18,10	22,50

HOOK WRENCHES FOR DYNAMOMETRIC CLAMPING

840GL

SCU

1/2"



Prod. SCU

Insert type, 1/2" square drive, for operation in combination with a torque wrench. In special steel, hardened. For DIN 6499 D (ER) ring nut. Zinc finish.

For ring Ø	mm	32	42	50	63
Size	DIN	16	25	32	40
Overall length	mm	69	85	85	85
840GL	Each	75,90	77,80	90,40	102,00

HOOK WRENCHES

840S

SCU



Prod. SCU

In special steel.
Matt chromium plated.

Type with square pin. For nuts DIN 1804 and DIN 981.

For rings and nuts	mm	12/14	16/20	22/28	30/32	34/38	40/42	45/50
Overall length	mm	110	110	136	136	170	170	205
840S	Each	7,36	7,36	7,20	7,20	9,52	9,52	11,60
For rings and nuts	mm	52/55	58/65	68/75	80/90	92/95	98/100	105/115
Overall length	mm	205	240	240	280	280	280	320
840S	Each	11,60	13,80	13,80	17,70	17,70	17,70	26,50
For rings and nuts	mm	120/130	135/145	155/165	180/195	205/220	230/245	260/270
Overall length	mm	330	380	380	380	480	570	570
840S	Each	26,50	43,50	43,70	45,40	82,40	106,00	106,00

When stocks are depleted, we will provide size 12/14 and 16/20 with burnished instead of chromated execution.

840T

SCU



Product description as Art. 840S

Type with round pin. For nuts DIN 1816.

For rings and nuts	mm	12/14	25/28	30/32	34/36	40/42	45/50	52/55
Overall length	mm	110	136	136	170	170	205	205
840T	Each	8,64	8,42	8,42	11,20	11,20	13,20	13,20
For rings and nuts	mm	58/62	68/75	80/90	95/100	110/115	120/130	135/145
Overall length	mm	240	240	280	280	320	330	380
840T	Each	15,50	15,50	19,80	19,80	28,70	28,70	46,70
For rings and nuts	mm	155/165	180/195					
Overall length	mm	380	380					
840T	Each	47,20	49,10					

Size mm 12/14 running out of stock.

841G

GEDORE



Orig. Gedore - Art. 40

In CHROME VANADIUM forged steel. Phosphate finish.

Type with square pin. For nuts DIN 1804 and DIN 981.

For rings and nuts	mm	16/20	25/28	30/32	34/36	40/42	45/50	52/55
Overall length	mm	110	135	135	170	170	205	205
841G	Each	14,10	13,10	13,10	14,10	14,10	15,80	15,80
For rings and nuts	mm	58/62	68/75	80/90	95/100	110/115	120/130	135/145
Overall length	mm	240	240	280	280	335	335	385
841G	Each	18,70	18,70	23,40	24,30	34,20	34,20	48,90
For rings and nuts	mm	155/165	180/195	205/220				
Overall length	mm	385	465	465				
841G	Each	51,10	129,00	129,00				



Orig. Gedore - Art. 40Z

Product description as Art. 841G

Type with round pin. For nuts DIN 1816.

For rings and nuts	mm	16/18	20/22	25/28	30/32	34/36	40/42	45/50
Nib Ø	mm	2,5	2,5	3	4	4	4	5
Overall length	mm	110	110	135	135	170	170	205
841GA	Each	15,70	15,70	15,70	15,70	17,80	17,80	19,50
For rings and nuts	mm	52/55	58/62	68/75	80/90	95/100	110/115	120/130
Nib Ø	mm	5	5	6	6	8	8	8
Overall length	mm	205	240	240	280	280	335	335
841GA	Each	19,50	23,20	23,20	28,30	29,30	43,90	43,90
For rings and nuts	mm	135/145	155/165	180/195	205/220			
Nib Ø	mm	8	8	10	10			
Overall length	mm	385	385	465	465			
841GA	Each	55,60	55,60	138,00	138,00			

GEDORE

841GA



3

CALIPER FACE WRENCHES

Orig. Gedore - Art. 44

In CHROME VANADIUM forged steel. Phosphate finish.

Adjustable opening. For threaded ring nuts and rings.

Art.		842GA	842GB	842GBB	842GC	842GD
Nib Ø	mm	2,9	3,8	4,8	5,8	7,8
Overall length	mm	178	178	230	230	230
Max opening	mm	110	110	160	160	160
842GA	Each	34,70	34,70	40,10	40,10	41,60

GEDORE

**842GA
842GB
842GBB
842GC
842GD**



Prod. SCU

In special steel. Burnished finish.

Adjustable opening. For threaded ring nuts and rings.

Nib Ø	mm	1,5	2	2,5	3	4	5	6
Overall length	mm	115	115	115	160	160	215	215
Min÷max opening	mm	7/40	7/40	7/40	11/60	11/60	14/100	14/100
842GP	Each	13,10	13,20	13,20	14,30	14,30	22,10	22,10
Nib Ø	mm	8	10	12				
Overall length	mm	260	260	260				
Min÷max opening	mm	22/125	22/125	22/125				
842GP	Each	36,90	40,70	40,40				

SCU

842GP



WRENCHES FOR METAL RINGS

Prod. SCU

In special steel, hardened. Burnished finish. Square joint. HAND USE.

For KM ring nuts, internal tothing.

Nuts Ø	mm	18	22	25	28	32	38	45
Ø ring nuts thread	mm	10x0,75	12x1	15x1	17x1	20x1	25x1,5	30x1,5
Teeth	No.	4	4	4	4	4	4	4
Square drive	inch	3/8	3/8	1/2	1/2	1/2	3/4	3/4
842R	Each	62,40	66,80	74,70	78,20	84,40	89,70	93,20
Nuts Ø	mm	52	58	65	70			
Ø ring nuts thread	mm	35x1,5	40x1,5	45x1,5	50x1,5			
Teeth	No.	4	4	4	4			
Square drive	inch	3/4	3/4	3/4	3/4			
842R	Each	103,00	109,00	117,00	121,00			

SCU

842R



3/8" 1/2" 3/4"

Product description as Art. 842S

For GU self-locking ring nuts, internal tothing

Nuts Ø	mm	18	22	25	28	32	38	44
Ø ring nuts thread	mm	10x0,75	12x1	15x1	17x1	20x1	25x1,5	30x1,5
Teeth	No.	4	4	4	4	4	4	4
Square drive	inch	3/8	3/8	1/2	1/2	1/2	3/4	3/4
842S	Each	62,40	66,80	74,70	78,20	84,40	89,70	93,20
Nuts Ø	mm	50	56	62	68			
Ø ring nuts thread	mm	35x1,5	40x1,5	45x1,5	50x1,5			
Teeth	No.	4	4	4	4			
Square drive	inch	3/4	3/4	3/4	3/4			
842S	Each	103,00	109,00	117,00	121,00			

SCU

842S



3/8" 1/2" 3/4"



842T



3/8" 1/2" 3/4"

Product description as Art. 842R
For KM ring nuts, external toothing.

Nuts Ø	mm	18	22	25	28	32	38	45
Ø ring nuts thread	mm	10x0,75	12x1	15x1	17x1	20x1	25x1,5	30x1,5
Teeth	No.	4	4	4	4	4	4	4
Square drive	inch	3/8	3/8	1/2	1/2	1/2	3/4	3/4
842T	Each	36,90	37,80	39,60	41,30	45,30	46,60	47,50
Nuts Ø	mm	52	58	65	70	75	80	
Ø ring nuts thread	mm	35x1,5	40x1,5	45x1,5	50x1,5	55x2	60x2	
Teeth	No.	4	4	4	4	4	4	
Square drive	inch	3/4	3/4	3/4	3/4	3/4	3/4	
842T	Each	48,40	50,50	54,50	59,80	77,40	90,50	

842V



3/8" 1/2" 3/4"

Product description as Art. 842R
For GU self-locking ring nuts, external toothing

Nuts Ø	mm	18	22	25	28	32	38	44
Ø ring nuts thread	mm	10x0,75	12x1	15x1	17x1	20x1	25x1,5	30x1,5
Teeth	No.	4	4	4	4	4	4	4
Square drive	inch	3/8	3/8	1/2	1/2	1/2	3/4	3/4
842V	Each	36,90	37,80	39,60	41,30	45,30	46,60	47,50
Nuts Ø	mm	50	56	62	68			
Ø ring nuts thread	mm	35x1,5	40x1,5	45x1,5	50x1,5			
Teeth	No.	4	4	4	4			
Square drive	inch	3/4	3/4	3/4	3/4			
842V	Each	48,40	50,50	54,50	59,80			

PERCUSSION WRENCHES

**843G
843GP**



Orig. Gedore - Art. 306

In forged CHROME VANADIUM steel up to a length of 435mm, in forged SPECIAL STEEL from a length of 450mm. Single ended, bihexagonal. Grey sandblasted finish. Heavy duty. For use with hammers or sledge hammers. Dimensions according to DIN 7444.

Opening	mm	22	24	27	30	32	34	36	38	41	46	50	55	60	65	70
Overall length	mm	160	160	180	190	195	195	205	205	225	240	250	270	270	290	320
Head thickness	mm	15	15	15,5	16,5	16,5	16,5	19,5	19,5	20,5	22,5	23,5	25	26	29	32,5
Weight	Kg	0,250	0,250	0,350	0,400	0,450	0,600	0,750	0,660	0,850	1,050	1,250	1,550	1,650	2,300	2,600
843G	Each	24,10	24,20	29,50	34,60	37,30	39,50	45,90	49,70	60,30	64,80	75,10	82,90	89,30	117,00	129,00
Opening	mm	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
Overall length	mm	325	345	360	400	400	400	435	435	435	480	480	520	520	520	580
Head thickness	mm	34	35	37	41,5	41,5	41,5	47,5	47,5	47,5	54	54	58	58	58	64
Weight	Kg	3,350	3,800	4,200	5,700	5,700	5,700	8,500	8,500	8,500	10,000	10,000	13,000	13,000	13,000	18,000
843G	Each	140,00	199,00	242,00	291,00	329,00	369,00	462,00	499,00	542,00	1.210,00	1.550,00	1.680,00	1.770,00	1.160,00	1.280,00
Opening	mm	150	155	160	165	170	175	190								
Overall length	mm	580	580	580	650	650	650	700								
Head thickness	mm	64	64	64	70	70	70	75								
Weight	Kg	18,000	18,000	18,000	25,000	25,000	32,000	32,000								
843G	Each	1.400,00	1.540,00	1.700,00	1.860,00	2.050,00	2.890,00	3.140,00								

When stocks are depleted, the size from 140 to 170 mm will become SCU instead of Gedore.

Sizes 22 to 60 mm are supplied with UNIT DRIVE shaped opening.

Size mm 175 and 190 running out of stock.

Product description as Art. 843G

MODEL WITH OPENINGS IN US INCH SIZES.

Opening	inch	1	1.1/16	1.1/8	1.3/16	1.1/4	1.5/16	1.3/8	1.7/16	1.1/2	1.5/8	1.11/16	1.3/4	1.13/16	1.7/8	2
Overall length	mm	160	185	185	190	190	195	195	205	210	225	225	225	240	240	250
Head thickness	mm	15	15,5	15,5	16,5	16,5	16,5	16,5	19,5	20	20,5	20,5	20,5	22,5	22,5	23,5
Weight	Kg	0,250	0,350	0,350	0,400	0,400	0,450	0,450	0,750	0,725	0,850	0,850	0,850	1,050	1,050	1,250
843GP	Each	32,10	31,70	36,20	36,20	39,10	39,30	41,80	42,60	42,60	62,30	62,30	73,30	73,30	73,30	87,10
Opening	inch	2.1/16	2.1/8	2.3/16	2.1/4	2.3/8	2.7/16	2.9/16	2.5/8	2.3/4	3	3.1/8	3.3/8	3.1/2	3.3/4	3.7/8
Overall length	mm	250	250	270	270	270	270	290	290	320	325	345	360	390	400	420
Head thickness	mm	23,5	23,5	25	25	26	26	29	29	32,5	34	35	36	40	41,5	45
Weight	Kg	1,250	1,320	1,550	1,550	1,650	1,650	2,300	2,300	2,600	3,350	3,800	3,550	5,430	5,700	6,800
843GP	Each	87,50	119,00	114,00	114,00	114,00	116,00	146,00	146,00	158,00	168,00	278,00	370,00	407,00	595,00	720,00
Opening	inch	4	4.1/8	4.1/2												
Overall length	mm	420	420	450												
Head thickness	mm	45	45	48												
Weight	Kg	6,800	6,300	7,900												
843GP	Each	825,00	847,00	1.290,00												

Sizes 1 and 1.3/8 inch with UNIT DRIVE shaped opening.



PERCUSSION WRENCHES WITH SAFETY SPRING

Prod. SCU

Single ended type, with sturdy spring to prevent the fall of the tool, that one operator can use with one hand and with hammer or mallet.

In special forged steel. Burnished finish. For heavy work. Dimensions according to DIN 7444.

SCU

**843GT
843GV**

Opening	mm	17	19	22	24	27	30	32	34	36
Overall length	mm	145	145	155	165	175	185	185	210	210
843GT	Each	32,10	34,70	44,20	51,70	58,50	70,10	77,50	83,20	94,40
Opening	mm	38	41	46	50	55	60	65	70	
Overall length	mm	220	225	240	250	270	270	300	320	
843GT	Each	101,00	108,00	124,00	136,00	159,00	185,00	221,00	265,00	



3

Product description as Art. 843GT

TYPE WITH OPENINGS IN US INCHES

Opening	inch	1/2	3/4	7/8	15/16	1	1.1/16	1.1/8	1.3/16	1.1/4	1.5/16	1.3/8	1.7/16	1.1/2	1.5/8	1.11/16
Overall length	mm	100	145	155	165	175	175	185	185	185	210	210	210	220	230	230
843GV	Each	45,10	34,60	39,40	43,60	47,10	51,30	59,10	60,40	66,80	73,50	80,90	88,90	98,30	102,00	106,00
Opening	inch	1.3/4	1.13/16	1.7/8	2	2.1/16	2.1/8	2.3/16	2.1/4	2.3/8	2.7/16	2.1/2	2.9/16	2.5/8	2.3/4	
Overall length	mm	240	240	240	250	270	270	270	270	270	270	300	300	300	320	
843GV	Each	109,00	108,00	120,00	135,00	150,00	165,00	180,00	191,00	213,00	218,00	222,00	230,00	246,00	271,00	

HEAVY DUTY RING WRENCHES

Orig. Gedore - Art. 2A-2AR

In forged CHROME VANADIUM steel.

Single ended, bihexagonal. Chrome plated finish.

Used with extension tubes as levers.

Heavy duty.

Without lever.

GEDORE

845G

Opening	mm	22	24	27	30	32	34	36
Length without lever	mm	180	180	190	200	235	235	245
Insertion neck Ø	mm	18,3	18,3	18,3	18,3	21,3	21,3	21,3
845G	Each	165,00	38,80	40,10	43,10	47,10	59,60	58,20
Opening	mm	41	46	50	55	60	65	70
Length without lever	mm	265	280	290	300	345	355	365
Insertion neck Ø	mm	21,3	24,1	24,1	24,1	29,1	29,1	29,1
845G	Each	67,60	79,30	93,10	101,00	134,00	144,00	174,00
Opening	mm	75	80	85	90	95	100	105
Length without lever	mm	375	385	385	410	410	412	415
Insertion neck Ø	mm	29,1	29,1	29,1	29,1	29,1	29,1	29,1
845G	Each	187,00	239,00	239,00	440,00	483,00	622,00	626,00



In the future the measures to be 24 to 60 mm will become UD.
Size mm 100 and 105 running out of stock.

Orig. Gedore

Extension tubes. For ring spanners Art. 845 G.

GEDORE

**846GA
846GB
846GC
846GD**

Art.		846GA	846GB	846GC	846GD
Opening	mm	22-30	32-41	46-55	60-105
Overall length	mm	460	610	760	860
Each		31,90	46,40	69,30	93,10



HEAVY DUTY RING WRENCHES SETS

Orig. Gedore - Art. 2 ATM

Displayer containing 15 ring spanners Art. 845 G from 24mm to 85mm and 4 extension tubes art. 846 G.

19-tool set.

The set contains:

15 x 24-27-30-32-36-41-46-50-55-60-65-70-75-80-85mm ring spanners Art. 845 G

4 x extension tubes Art. 846 GA-B-C-D

Complete set.

GEDORE

847G

847G	Each	2.310,00
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DEEP RING WRENCHES

847GT SCU



Prod. SCU

In forged steel. Handle with pointed end, inclined at 60 °.

Opening	mm	14	17	19	22	24	27	30	32
Overall length	mm	270	310	330	350	370	400	430	430
Head thickness	mm	10	11	12	13	13	14	16	16
847GT	Each	13,20	16,80	22,30	27,30	32,60	42,60	47,20	50,60
Opening	mm	36	41	46	50	55	60	65	70
Overall length	mm	460	490	500	550	550	600	650	650
Head thickness	mm	19	20	22	26	26	28	30	30
847GT	Each	64,40	85,10	108,00	123,00	146,00	163,00	180,00	195,00

848G GEDORE



Orig. Gedore

In forged SPECIAL STEEL. Dimensions according to DIN 3111.

With hang-up hole.

Opening	mm	13	14	15*	16*	17	18*	19	20*
Overall length	mm	138	138	138	155	155	155	171	171
Head thickness	mm	8,3	8,3	8,3	9,5	9,5	9,5	11,5	11,5
Supplier code		308	308	308	308		308		308
848G	Each	53,30	44,50	45,20	48,10	47,30	51,10	50,10	51,10
Opening	mm	22	24	25*	27	30	32	36	41
Overall length	mm	190	215	215	230	254	265	295	330
Head thickness	mm	13	15	15	16	18	19	22	25
Supplier code				308			308	308	308
848G	Each	56,70	58,60	59,60	62,30	70,10	58,20	69,10	88,20
Opening	mm	46	50	55	60	65			
Overall length	mm	365	400	445	475	510			
Head thickness	mm	27	28	29	30	32			
Supplier code		308	308	308	308	308			
848G	Each	101,00	121,00	146,00	172,00	204,00			

When stocks will be run out, the sizes 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30mm will become Prod. SCU instead of Orig. Gedore.

* Sizes running out of stock

PERCUSSION WRENCHES

849G GEDORE
849GP



Orig. Gedore - Art. 133

In forged CHROME VANADIUM steel up to a length of 500mm, in forged SPECIAL STEEL from a length of 525mm. Single ended. Grey sandblasted finish.

Heavy duty. For use with hammers or sledge hammers. Dimensions according to DIN 133.

Opening	mm	22	24	27	30	32	34	36	41	46	50	55	60	65	70	75	80
Overall length	mm	180	180	180	190	195	195	210	225	255	280	310	320	350	370	400	405
Head thickness	mm	16	16	16,5	17	17,5	17,5	18,5	19,5	20	21,5	24,5	24,5	28	30	31,5	34,5
Weight	Kg	0,280	0,280	0,400	0,450	0,500	0,640	0,700	0,950	1,300	1,700	2,250	2,700	3,300	3,900	5,250	6,000
849G	Each	35,70	39,60	29,20	31,40	32,40	43,60	37,60	49,90	63,50	69,80	93,10	93,80	124,00	150,00	196,00	199,00
Opening	mm	85	90	95	100	105	110	115	120	125	130	140*	145*	150*	165*	170*	175*
Overall length	mm	405	455	455	500	500	500	525	525	545	575	640	640	640	715	715	715
Head thickness	mm	34,5	39	39	47	47	47	55	55	50	55	60	60	60	70	70	70
Weight	Kg	6,100	8,000	8,100	13,200	12,900	12,900	17,200	17,250	17,300	20,000	20,000	28,000	28,000	35,000	35,000	35,000
849G	Each	212,00	319,00	330,00	579,00	629,00	637,00	854,00	885,00	974,00	1.260,0	1.310,0	1.830,0	1.900,0	2.390,0	3.270,0	3.780,0

The measure 22-24 mm are Prod. SCU.

* Sizes running out of stock



Prod. SCU

In forged steel. With one mouth. Black execution.

For heavy duty. To be used with hammer or club.

MODEL WITH OPENINGS IN US INCH SIZES.

Opening	inch	1	1.1/16	1.3/16	1.1/4	1.5/16	1.3/8	1.1/2	1.11/16	1.7/8	2	2.1/8	2.3/16	2.1/4	2.3/8	2.9/16
Overall length	mm	165	165	165	190	190	210	220	230	250	280	310	310	320	320	320
Head thickness	mm	9	9	9	10	10	12	12	12	13	14	14	14	15	15	16
Weight	Kg	0,400	0,400	0,500	0,600	0,600	0,700	0,800	0,900	1,200	1,400	1,800	1,800	2,100	2,100	2,900
849GP	Each	38,70	43,70	47,20	49,70	54,70	60,10	72,80	85,20	110,00	125,00	139,00	151,00	164,00	167,00	212,00
Opening	inch	3.1/8	3.3/8	3.1/2	3.3/4	3.7/8	4	4.1/8	4.1/2							
Overall length	mm	360	360	400	400	430	430	430	500							
Head thickness	mm	19	19	22	22	24	24	24	25							
Weight	Kg	5,500	6,500	7,000	7,000	11,000	11,000	11,000	14,000							
849GP	Each	320,00	376,00	419,00	518,00	571,00	630,00	701,00	894,00							

Prices in EURO . VAT not included



SINGLE ENDED OPEN JAW WRENCHES

Orig. Gedore - Art. 894

In CHROME VANADIUM steel.
Phosphate finish up to 38mm, sandblasted finish from 41mm.
Dimensions according to DIN 894. With hole.



850G



Opening	mm	6	7	8	9	10	11	12	13	14	15	16	17	19	22	24
Overall length	mm	73	78	94	100	106	112	124	132	140	145	155	159	170	193	217
Head thickness	mm	3,2	3,2	3,5	4	4,5	5	5	5,5	5,5	5,5	5,5	6	7	8	9
850G	Each	3,58	3,58	3,58	3,62	3,62	4,00	4,28	4,28	4,40	5,54	5,54	4,46	5,48	6,44	8,62
Opening	mm	25	27	30	32	34	36	38	41	46	50	55	60	65	70	75
Overall length	mm	217	239	263	275	290	305	305	344	380	413	459	494	528	572	610
Head thickness	mm	9	9,8	10,8	11,8	12,3	12,8	12,8	13,8	14,8	15,8	16,8	17,7	18,7	19,7	20,7
850G	Each	9,04	10,20	12,30	13,60	24,90	19,30	21,60	23,70	31,10	39,10	44,10	57,30	68,40	87,40	102,00
Opening	mm	80	85	90	95	100	105	110	115	120	125	130				
Overall length	mm	645	688	740	740	847	1000	1000	1000	1000	1000	1000				
Head thickness	mm	21,7	23	23	25	25	29	29	29	29	29	29				
850G	Each	127,00	174,00	211,00	292,00	306,00	419,00	440,00	600,00	611,00	825,00	854,00				

3

Prod. SCU

In steel. Nickel finish. Dimensions according to DIN 894.



850R



Opening	mm	6	7	8	9	10	11	12	13
850R	Each	0,78	0,78	0,78	0,78	0,78	0,96	0,96	0,96
Opening	mm	14	15	16	17	18	19	22	24
850R	Each	1,16	1,16	1,16	1,54	1,54	1,54	2,12	2,50
Opening	mm	27	30	32	36	38	40	41	46
850R	Each	3,46	4,42	5,20	7,12	7,50	13,70	10,20	12,50
Opening	mm	50	55	60	65	70	75	80	85
850R	Each	17,70	21,20	32,50	39,60	68,40	89,50	104,00	130,00

DOUBLE ENDED OPEN JAW WRENCHES

Orig. Gedore - Art. 895

In CHROME VANADIUM steel.
Dimensions according to DIN 895.
Phosphate finish up to 34x36mm, sandblasted finish from 36x41mm.



852G



Opening	mm	6x7	7x8	8x9	8x10	9x11	10x11	10x12	10x13	11x13	12x13	12x14	13x14	13x15	13x17	14x15
Overall length	mm	96	107	108	114	122	124	128	128	140	140	140	140	154	158	154
Head thickness	mm	3,2	3,7	3,7	4,2	5	5	5	5	5,5	5,5	5,5	5,5	5,5	6	5,5
852G	Each	3,64	4,44	3,64	3,64	4,44	3,90	5,20	4,44	4,44	4,44	4,44	5,54	4,92	5,02	5,54
Opening	mm	14x17	16x17	17x19	17x22	18x19	19x22	19x24	20x22	22x24	22x27	24x27	24x30	27x30	27x32	30x32
Overall length	mm	158	158	171	192	171	195	207	195	221	233	246	269	275	275	278
Head thickness	mm	6	6	7	8	7	8	9	8	9	9,8	9,8	10,8	10,8	11,8	11,8
852G	Each	5,16	5,88	5,76	7,56	8,02	7,28	9,34	7,60	9,74	11,50	12,20	13,10	16,80	16,80	16,80
Opening	mm	30x36	32x36	34x36	36x41	41x46	46x50	50x55	55x60	65x70	75x80					
Overall length	mm	306	310	320	347	383	420	463	504	580	665					
Head thickness	mm	12,8	12,8	13,3	13,8	14,8	15,8	16,8	17,7	19,7	21,7					
852G	Each	23,20	22,80	28,50	37,90	39,10	53,60	63,50	75,90	130,00	243,00					

Size mm 20x22 running out of stock.

Prod. SCU

In steel. Nickel finish. Dimensions according to DIN 895.



852R



Opening	mm	6x7	8x9	8x10	10x11	10x13	11x13	12x13
852R	Each	0,78	0,78	0,96	0,96	0,96	0,96	0,96
Opening	mm	13x14	13x17	14x15	14x17	16x17	17x19	18x19
852R	Each	1,16	1,36	1,36	1,36	1,54	1,54	1,54
Opening	mm	17x22	19x22	20x22	19x24	21x23	22x24	24x26
852R	Each	3,14	2,30	2,50	2,30	3,28	3,28	4,42
Opening	mm	24x27	24x30	25x28	27x30	27x32	30x32	30x36
852R	Each	4,24	5,00	4,62	5,38	5,20	6,34	9,58
Opening	mm	32x36	36x41	41x46	46x50	50x55	55x60	
852R	Each	8,84	11,80	15,80	25,80	36,20	48,80	



DOUBLE ENDED OPEN JAW WRENCHES SETS

853GA



Orig. Gedore - Art. 895/08

In CHROME-VANADIUM steel.
Dimensions according to DIN 895.

Cardboard packaging. Set of 8 wrenches Art. 852 G. Dimensions: 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22mm.

853GA Series 39,60

Product running out of stock.

CROWFOOT WRENCHES

856G



Orig. Gedore - Art. 3114

In CHROME VANADIUM steel.

For working on nuts placed in hard-to-access positions.

Chrome plated finish. Bars for wrenches see Art. 902 GE.

Opening	mm	13	14	16	17	18	19	21	22
Overall length	mm	160	160	200	200	200	200	200	200
Bore for levers Ø	mm	8,5	8,5	10,5	10,5	12,5	12,5	12,5	12,5
856G	Each	32,40	33,10	42,60	37,40	42,60	42,60	49,60	49,60

Opening	mm	24	27	30	32	36	46
Overall length	mm	250	250	250	250	315	315
Bore for levers Ø	mm	14,5	14,5	16,5	16,5	19	21
856G	Each	61,10	67,30	72,70	81,30	130,00	185,00

Size mm 46 running out of stock.

GAS CYLINDER WRENCHES

858



Prod. SCU

In steel, with 1 bent head.

Opening 25mm.

Overall length 170mm

Nickel finish.

858 Each 2,02

THIN WRENCHES

858GA



Prod. SCU

In hardened CHROME-VANADIUM steel.

With two jaws, according to ISO 691-1, particularly thin for use in confined spaces.

Nickel-plated finish.

Opening	mm	3x3,5	4x4,5	5x5,5	6x6,5	7x8	9x10
Overall length	mm	120	120	120	120	125	125
Heads thickness	mm	1,5	1,5	1,5	1,5	2	2
858GA	Each	7,02	7,02	7,02	7,02	8,50	9,86

THIN WRENCHES SETS

858GB



Prod. SCU

Product description as Art. 858GA

Set of 6 spanners Art. 858 GA mm 3x3.5 - 4x4.5 - 5x5.5 - 6x6.5 - 7x8 - 9x10.

In plastic bag.

858GB Series 50,80

THIN WRENCHES

858GC



Prod. SCU

In hardened CHROME-VANADIUM steel.

With two jaws, particularly thin for use in confined spaces.

Chrome plated matt finish.

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	18x19
Overall length	mm	150	175	175	210	210	250	250
Heads thickness	mm	2,2	2,6	2,6	3,6	3,6	4,6	4,6
858GC	Each	20,20	20,30	20,30	23,50	23,50	30,40	30,40

Opening	mm	20x22	21x23	22x24
Overall length	mm	290	290	290
Heads thickness	mm	5,6	5,6	5,6
858GC	Each	41,10	41,10	41,10

On request, measurements in inches available.



THIN WRENCHES SETS

Prod. SCU

Product description as Art. 858GC

Set of 10 spanners Art. 858 GC mm 6x7 - 8x9 -10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 22-24.

Packed in bag that can be rolled up.

858GD Series 303,00

SCU

858GD



3

THIN WRENCHES

Prod. SCU

In hardened special steel.

With particularly thin jaws for use in confined spaces.

Burnished finish.

Opening	mm	10	12	13	14	15	16	17
Overall length	mm	100	115	135	135	145	145	145
Heads thickness	mm	2	2,5	3	3	3	3	3
858GL	Each	7,72	8,56	8,92	9,26	9,76	10,30	10,40

Opening	mm	19	22	24
Overall length	mm	175	195	215
Heads thickness	mm	3	4	4
858GL	Each	11,40	12,30	15,90

SCU

858GL



IGNITION WRENCHES SETS

Prod. SCU

8-pieces set of nickel wrenches. Opening dimensions: 4-4.5-5-5.5-6-6.5-7-7.5mm.

1 x 0.40mm sheet metal thickness gauge, 1 screwdriver and 1 file for contacts.

860G Series 26,50

SCU

860G



DOUBLE OPEN END WRENCHES

Orig. Gedore - Art. 8

In CHROME-MOLYBDENUM steel.

Heads of same dimensions angled at 15° and 75°. Chrome plated finish.

Opening	mm	4	4,5	5	5,5	6	7	8
Overall length	mm	70	70	78	78	78	91	96
Head thickness	mm	1,8	1,8	1,8	1,8	1,8	1,8	2,8
862G	Each	10,10	10,10	10,10	10,10	10,20	10,20	10,20

Opening	mm	9	10	11	12	13	14
Overall length	mm	103	105	116	116	131	131
Head thickness	mm	2,8	2,8	2,8	2,8	2,8	2,8
862G	Each	10,50	10,50	10,50	11,10	11,10	11,10

GEDORE

862G



DOUBLE OPEN ENDED WRENCHES SETS MIDGET PATTERN

Orig. Gedore - Art. 8-0100

Product description as Art. 862G

Set of 10 wrenches Art. 862 G. Dimensions: 5-5.5-6-7-8-9-10-11-12-13mm.

Supplied in plastic bag.

863GA Series 107,00

GEDORE

863GA





DOUBLE OPEN ENDED WRENCHES

870G
870GP

GEDORE



Orig. Gedore - Art. 6

According to DIN 3110 / ISO 3318 - ISO 1085 - ISO 10102

In CHROME VANADIUM steel.

Double open ended model. Heads angled at 15°.

Finely worked. Chrome plated finish.

Opening	mm	4x4,5	4x5	5x5,5	5,5x7	6x7	6x8	7x8	7x9	8x9	8x10	9x10	9x11	10x11	10x12	10x13
Overall length	mm	100	100	100	122	122	122	140	140	140	140	157	157	157	157	172
Heads thickness	mm	3,4	3,4	3,4	3,5	3,5	3,5	3,8	3,8	3,8	4	4,5	4,5	4,5	4,5	5
870G	Each	8,72	8,66	8,66	6,84	5,68	6,84	7,26	7,52	5,84	7,10	7,88	7,88	6,64	7,74	8,90
Opening	mm	10x14	11x13	11x14	12x13	12x14	13x14	13x15	14x15	13x17	14x17	16x17	16x18	17x19	18x19	18x21
Overall length	mm	172	172	172	172	172	178	188	188	205	205	205	205	222	222	236
Heads thickness	mm	5	5	5	5	5	5	5,5	5,5	6	6	6	6	6,5	6,5	7
870G	Each	8,46	9,04	9,16	8,00	8,96	8,96	9,72	8,58	9,90	9,90	9,24	11,10	11,30	11,10	14,10
Opening	mm	17x22	19x22	20x22	19x24	21x23	21x24	22x24	22x27	24x26	24x27	24x30	25x28	27x29	27x30	27x32
Overall length	mm	236	236	236	250	247	250	250	266	266	266	280	280	302	302	302
Heads thickness	mm	7	7	7	7,5	7,5	7,5	7,5	8	8	8	8,5	8,5	9	9	9
870G	Each	14,20	13,20	12,80	15,10	14,10	16,30	14,80	18,20	17,10	17,10	20,10	19,70	25,20	23,90	23,80
Opening	mm	30x32	30x34	30x36	32x36	34x36	36x41	38x42	41x46	46x50	55x60					
Overall length	mm	302	302	328	328	328	360	360	400	450	560					
Heads thickness	mm	9	9	9,4	9,4	9,4	10	10	10,7	11,6	18					
870G	Each	23,90	27,30	43,70	43,70	51,70	57,80	67,60	76,90	108,00	203,00					

Size mm 10x14 running out of stock.

Product description as Art. 870G

MODEL WITH OPENINGS IN US INCH SIZES.

Opening	inch	1/4x5/16	5/16x11/32*	5/16x3/8	3/8x7/16	7/16x1/2	1/2x9/16	9/16x5/8	19/32x11/16	5/8x11/16
Opening	mm	6,35x7,94	7,24x8,73	7,94x9,52	9,52x11,11	11,11x12,70	12,70x14,28	14,28x15,88	15,08x17,46	15,88x17,46
Overall length	mm	122	140	140	157	172	190	190	205	205
870GP	Each	7,60	7,02	8,44	8,86	10,40	11,80	11,80	12,10	12,10
Opening	inch	5/8x3/4	11/16x3/4*	3/4x25/32	3/4x7/8	25/32x13/16	13/16x7/8	7/8x15/16	15/16x1	1x1.1/8
Opening	mm	15,88x19,05	17,46x19,05	19,05x19,84	19,05x22,22	19,84x20,64	20,64x22,22	22,22x23,81	23,81x25,40	25,40x28,58
Overall length	mm	222	222	222	236	236	236	250	266	280
870GP	Each	13,10	12,70	14,20	16,10	16,10	16,10	18,20	20,70	22,30
Opening	inch	1.1/16x1.1/8	1.1/16x1.1/4	1.3/16x1.5/16	1.1/4x1.3/8	1.1/4x1.7/16*	1.5/16x1.1/2	1.3/8x1.1/2		
Opening	mm	26,99x28,58	26,99x31,75	30,16x33,34	31,75x34,92	31,75x36,51	33,34x38,10	34,92x38,10		
Overall length	mm	302	302	302	328	328	328	328		
870GP	Each	27,50	28,20	28,20	49,30	45,70	51,10	51,10		

* Sizes running out of stock.

870GR carolus
by GEDORE

Orig. Carolus - Art. 0500/R0510

According to DIN 3110 / ISO 3318 - ISO 1085 - ISO 10102

In CHROME VANADIUM steel.

Double open ended model. Heads angled at 15°.

Chrome plated finish.

Opening	mm	6x7	8x9	8x10*	10x11	10x13	12x13	12x14*
Overall length	mm	122	140	140	157	172	172	172
870GR	Each	4,08	4,54	3,82	5,02	6,64	5,70	5,16
Opening	mm	13x15*	14x15	16x17	17x19	18x19	19x22*	20x22
Overall length	mm	188	188	205	222	222	236	236
870GR	Each	5,22	6,94	7,12	7,44	9,04	7,00	9,22
Opening	mm	21x23	22x24	24x26	24x27	24x30*	25x28	27x30*
Overall length	mm	247	250	266	266	280	280	302
870GR	Each	9,64	10,10	11,10	11,30	14,70	13,10	13,90
Opening	mm	27x32	30x32	36x41				
Overall length	mm	302	302	380				
870GR	Each	17,10	17,10	40,20				

* Sizes running out of stock.



DOUBLE ENDED OPEN JAW WRENCHES SETS

Orig. Gedore - Art. 6

According to DIN 3110 / ISO 3318 - ISO 1085 - ISO 10102
 In CHROME VANADIUM steel.
 Double open ended model. Heads angled at 15°.
 Chrome plated finish. Packaged in a cardboard box.
 Set of 8 wrenches Art. 870 G 6x7-8x9- 10x11-12x13-14x15-16x17-18x19-20x22mm.

871G 8 Series **69,30**

Product description as Art. 871G 8

Set of 10 wrenches Art. 870 G 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27mm.

871G 10 Series **102,00**

Product description as Art. 871G 8

Set of 10 wrenches Art. 870 G 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-24x27-30x32mm.

871G 10A Series **112,00**

Product description as Art. 871G 8

Set of 12 wrenches Art. 870 G 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm.

871G 12 Series **146,00**

Product description as Art. 871G 8

Set of 12 wrenches Art. 870 G 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x32mm.

871G 12A Series **146,00**



871G 8
871G 10
871G 10A
871G 12
871G 12A



Orig. Gedore - Art. H6

According to DIN 3110 / ISO 3318 - ISO 1085 - ISO 10102
 In CHROME VANADIUM steel. Double open ended model. Heads angled at 15°.
 Finely worked. Chrome plated finish.

SET OF DOUBLE OPEN ENDED WRENCHES WITH STAND

Set of 8 wrenches Art. 870 G 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm
 Supplied on stand.

871GS 8 Series **88,50**

Product description as Art. 871GS 8

SET OF DOUBLE OPEN ENDED WRENCHES WITH STAND

Set of 12 wrenches Art. 870 G. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm. Supplied on stand.

871GS 12 Series **169,00**



871GS 8
871GS 12



Orig. Carolus - Art. 0500/R0510

According to DIN 3110 / ISO 3318 - ISO 1085 - ISO 10102
 In CHROME VANADIUM steel. Double open ended model. Heads angled at 15°.
 Chrome plated finish.
 In cardboard packaging.

Set of 8 wrenches Art. 870 GR 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm:

872GB Series **39,90**

Product description as Art. 872GB

Set of 12 wrenches Art. 870 GR 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm.

872GD Series **65,10**



872GB
872GD





PLASTIC SUPPORTS FOR WRENCHES SETS

872GT 8
872GT 12**GEDORE****Orig. Gedore - Art. E-PH 6-8L**

Plastic supports for 8-wrenches sets.

872GT 8 Each 2,88

Orig. Gedore - Art. E-PH 6-12L

Plastic supports for 12-wrenches sets.

872GT 12 Each 3,68

DOUBLE OPEN ENDED WRENCHES

873

SCU**Prod. SCU**

Standard model. According to DIN 3110. In CHROME VANADIUM steel. Double open ended model. Heads angled at 15°. Chrome matt plated finish.

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	18x19
Overall length	mm	122	140	157	172	190	209	222
873	Each	2,08	2,78	3,22	3,52	4,08	4,46	5,96
Opening	mm	20x22	21x23	24x27	25x28	30x32		
Overall length	mm	236	250	266	280	302		
873	Each	6,26	7,24	9,78	11,20	16,20		

DOUBLE ENDED OPEN JAW WRENCHES SETS

873A
873B**SCU****Prod. SCU**

Standard model. According to DIN 3110. In CHROME VANADIUM steel. Double open ended model. Heads angled at 15°. Chrome matt plated finish. In cardboard packaging.

Set of 8 wrenches Art. 873. Dimensions:6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm.

873A Series 32,80

Product description as Art. 873A

Set of 12 wrenches Art. 873 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm.

873B Series 77,10

DOUBLE ENDED OPEN JAW WRENCHES WITH RATCHET

873E

STUREM**Orig. Sturem**

In CHROME-VANADIUM steel. With two jaws with a 15° inclination. Equipped with a patented system of movable jaws that allows to screw bolts, nuts, etc. with a ratchet effect. Particularly suitable for fast tightening and in places that are hard to access. Measurements of the jaws in mm/inches.

Chrome plated finish.

Size		1	2	3	4
Opening	mm	9-10x11-12	13-14x16x17	18-19x20-22	22-24x25-27
Opening	inch	3/8"x7/16"	1/2"-9/16"x5/8"	11/16"-3/4"x13/16"	7/8"-15/16"x1"-1.1/16"
Overall length	mm	135	180	215	260
873E	Each	37,80	48,30	54,50	63,80

DOUBLE ENDED OPEN JAW WRENCHES WITH RATCHET IN SETS

873F

STUREM**Orig. Sturem**

Product description as Art. 873E

Set of 4 spanners Art. 873 E 1-2-3-4.

Packed in plastic case.

873F Series 185,00



COMBINATION WRENCHES

Orig. Gedore - Art. 1B

According to DIN 3113 B/ISO 3318/ISO 7738.

In CHROME VANADIUM steel.

Combination reinforced model with 1 hexagonal profile and 1 bihexagonal profile, bent at 10°.

Thin and wide open end. Finely worked. Chrome plated finish. Dimensions 5mm and 5.5mm have hexagonal rings instead of polygonal rings.



874G
874GA

Opening	mm	5	5,5	6	7	8	9	10	11	12	13	14
Heads thickness	mm	3,7x5	3,7x5	3,7x5	3,7x6	4x6,5	4,3x7,5	4,7x8,2	5x9	5,3x9,5	6x10,2	6,3x11
Overall length	mm	100	100	100	112	125	138	148	158	168	185	198
874G	Each	10,80	10,80	10,30	10,20	9,98	11,40	11,30	12,20	12,80	13,80	14,10
Opening	mm	15	16	17	18	19	20	21	22	23	24	25
Heads thickness	mm	6,7x11,5	7x12	7,5x12,5	7,7x13,2	8x13,5	8,5x14,5	8,7x14,5	9x14,5	9,3x15,5	9,5x15,5	10x17,5
Overall length	mm	210	220	232	245	258	270	280	292	305	318	328
874G	Each	16,50	17,90	18,40	20,60	21,60	23,10	24,10	26,70	29,30	30,10	32,30
Opening	mm	26	27	28	29	30	32	33	34	36	38	41
Heads thickness	mm	10,3x17,5	10,5x17,5	11x19,5	11x19,5	11,2x19,5	11,8x20,5	11,8x20,5	11,8x20,5	12,8x23,5	13,2x24,2	14x25,5
Overall length	mm	340	352	370	370	390	412	412	412	460	460	520
874G	Each	32,40	34,10	40,10	43,10	44,40	46,80	53,50	60,60	85,70	96,20	104,00
Opening	mm	46	50	55	60	65	70	75	80			
Heads thickness	mm	15x27,5	16x29,5	17x30,5	18x32	22x33	24x35	26x38	28x41			
Overall length	mm	550	580	620	660	710	760	810	860			
874G	Each	140,00	173,00	215,00	298,00	594,00	658,00	747,00	878,00			

Art. 874 Gx5, 60 with polygonal open end "UNIT DRIVE".

Product description as Art. 874G

MODEL WITH OPENINGS IN US INCH SIZES.

Opening	inch	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8
Heads thickness	mm	3,7x5	4x6,5	4,7x8,2	5x9	6x10,2	6,3x11	7x12	7,7x13,2	8x13,5	8,7x14,5	9x14,5
Overall length	mm	100	125	148	158	185	198	220	245	258	280	292
874GA	Each	10,80	11,30	13,00	13,70	14,20	15,80	18,10	23,20	23,10	27,10	29,60
Opening	inch	15/16	1	1.1/16	1.1/8	1.1/4	1.5/16	1.3/8	1.7/16	1.1/2	1.5/8	1.3/4
Heads thickness	mm	9,5x15,5	10,3x17,5	10,5x17,5	11x19,5	11,8x20,5	11,8x20,5	12,8x23,5	12,8x23,5	13,2x24,2	14x25,5	15x27,5
Overall length	mm	318	340	352	370	412	412	460	460	460	520	550
874GA	Each	31,70	32,40	35,80	42,10	48,90	54,00	97,70	104,00	105,00	126,00	152,00
Opening	inch	1.13/16	1.7/8	2	2.1/16	2.3/16	2.1/4	2.3/8	2.7/16			
Heads thickness	mm	15x27,5	15x27,5	16x29,5	16x29,5	17x30,5	17x30,5	18x32	18x32			
Overall length	mm	550	550	580	580	620	620	660	660			
874GA	Each	156,00	156,00	201,00	201,00	244,00	244,00	341,00	341,00			

Art. 874 GAx1/4 - 1.5/16 with polygonal open end "UNIT DRIVE". Art. 874 GAx2.1 / 8 available on request.

Orig. Gedore - Art. 7

According to DIN 3113 A/ISO 3318/ISO 7738.

In CHROME VANADIUM steel.

Bihexagonal head angled at 15°.



874GD
874GE

Opening	mm	3	3,2	3,5	4	4,5	5	5,5	6	7	8	9	10
Heads thickness	mm	2,8x2,8	2,8x2,8	2,8x2,8	3,2x3,2	3,2x3,2	3,6x3,6	3,6x3,6	3,4x5	3,6x5,5	3,8x6	4x6,5	4,2x7
Overall length	mm	78	78	78	85	85	92	92	100	110	120	130	140
874GD	Each	13,40	13,60	13,40	13,40	13,30	13,30	13,30	8,92	8,78	9,28	9,62	9,30
Opening	mm	11	12	13	14	15	16	17	18	19	20	21	22
Heads thickness	mm	4,5x7,5	4,8x8	5x8,5	5,2x9	5,5x9,5	5,8x10	6x10,5	6,2x11	6,5x11,5	6,8x12	7x12,5	7,2x13
Overall length	mm	150	160	170	180	190	200	210	220	230	240	252	262
874GD	Each	10,30	11,10	11,10	11,80	12,70	13,40	13,60	15,60	15,30	18,50	18,90	21,10
Opening	mm	23	24	25	26	27	28	29	30	32	34	36	
Heads thickness	mm	7,6x13,5	8x14	8,2x14,5	8,2x15	8,5x15,5	8,8x16	8,8x16,5	9x17	9,5x18	10x19	10,5x20	
Overall length	mm	270	282	290	302	310	320	330	340	380	420	460	
874GD	Each	21,90	23,70	24,70	25,30	27,40	31,60	32,30	32,70	35,90	48,20	70,90	

Dimensions: 3-3,2-3,5-4-4,5-5-5,5 mm, hexagonal rings instead of polygonal rings.

Product description as Art. 874GD

MODEL WITH OPENINGS IN US INCH SIZES.

Opening	inch	1/4	5/16	11/32	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1
Heads thickness	mm	3,4x5	3,8x6	4x6,5	4,2x7	4,5x7,5	5x8,5	5,2x9	5,8x10	6,2x11	6,5x11,5	7x12,5	7,2x13	8x14	8,2x15
Overall length	mm	100	120	130	140	150	170	180	200	220	230	252	262	282	302
874GE	Each	10,90	11,10	11,20	11,30	11,90	13,30	14,10	16,20	18,40	19,00	21,60	24,20	27,90	27,30

**874GL GEDORE****Orig. Gedore - Art. 7XL**

LONG pattern.
According to DIN 3113.
In CHROME VANADIUM steel.
Bihexagonal head angled at 15°.
Finely worked. Chrome plated finish.

Opening	mm	7	8	9	10	11	12	13	14	15	16	17	18
Heads thickness	mm	4,5x7	4,5x7	4,5x7,5	5x8,5	5,5x9	5,5x10	6x10,5	6,5x10,8	7x11,2	7,5x11,8	8,5x12,2	8,5x13,2
Overall length	mm	170	170	180	190	200	210	225	235	250	265	280	295
874GL	Each	13,10	12,90	14,60	14,50	14,50	14,50	14,50	17,50	17,60	20,60	20,50	25,40
Opening	mm	19	21	22	24	27	30	32	34	36	41	46	
Heads thickness	mm	9,5x14,2	9,5x14,2	11x16,2	12x18,2	13x20,2	14x21,2	14x22,2	15x23,2	15x24,2	16x26	17x28	
Overall length	mm	310	340	350	400	450	480	500	520	550	600	640	
874GL	Each	25,30	29,30	29,10	32,40	41,50	68,10	82,40	105,00	105,00	116,00	188,00	

874GR carolus

by GEDORE

**Orig. Carolus - Art. 0900/R0910**

According to DIN 3113 A/ISO 3318/ISO 7738.
In CHROME VANADIUM steel.
Bihexagonal head angled at 15°.
Chrome plated finish.

Opening	mm	6	7	8	9	10	11	12	13	14	15	16
Heads thickness	mm	3,7x5,2	3,7x5,7	4,2x6,2	4,2x6,7	4,7x7,2	5x7,5	5,5x8	5,5x8,5	5,8x9	6x9,5	6,5x10
Overall length	mm	95	105	110	120	130	140	153	163	173	185	198
874GR	Each	4,02	5,02	5,02	4,82	5,02	5,02	6,04	6,24	6,52	6,64	6,74
Opening	mm	17	18	19	20	21	22	24	27	30	32	
Heads thickness	mm	7x10,5	7,4x11	7,5x11,2	8,2x12	8,2x12	8,6x12,7	9x13,6	9,5x14,6	10,6x16,1	11,6x17,3	
Overall length	mm	210	220	230	240	252	262	282	310	340	360	
874GR	Each	6,84	7,88	9,32	9,38	10,80	11,40	12,10	16,40	19,50	22,50	

874GRA GEDORE

new

**Orig. Gedore red - Art. R0911**

In CHROME VANADIUM steel.
Polygonal head inclination at 15°.
Chromed version.

Opening	mm	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16
Heads thickness	mm	3,7x5,2	4,2x6,2	4,7x7,2	5x7,5	5,5x8,5	5,8x9	6,5x10	7x10,5
Overall length	mm	95	110	130	140	163	173	198	210
874GRA	Each	9,64	9,94	10,50	10,80	11,10	12,40	13,20	13,70
Opening	mm	3/4	13/16	7/8	15/16	1	1.1/16	1.1/8	1.1/4
Heads thickness	mm	7,5x11,2	8,2x12	8,6x12,7	9x13,6	9,5x14,5	9,5x14,6	10,5x16	11,6x17,3
Overall length	mm	230	252	262	282	302	310	320	360
874GRA	Each	14,90	16,90	17,20	21,10	23,50	30,30	33,10	40,40



COMBINATION WRENCHES SETS

Orig. Gedore - Art. 1B

According to DIN 3113 B/ISO 3318/ISO 7738.
In CHROME VANADIUM steel.
Combination reinforced model with 1 hexagonal profile and 1 bihexagonal profile, bent at 10°.
Thin and wide open end. Finely worked. Chrome plated finish.
Supplied in cardboard packaging.
Set of 8 wrenches Art. 874 G 8-9-10-11-13-14-17-19mm

875G 8 Series **115,00**

Product description as Art. 875G 8
Set of 11 wrenches Art. 874 G 8-9-10-11-12-13-14-15-17-19-22mm

875G 11 Series **172,00**

Product description as Art. 875G 8
Set of 12 wrenches Art. 874 G 10-11-12-13-14-17-19-22-24-27-30-32mm

875G 12 Series **290,00**

Product description as Art. 875G 8
Set of 17 wrenches Art. 874 G 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22mm

875G 17 Series **280,00**

Product description as Art. 875G 8
Set of 20 wrenches Art. 874 G 8-9-10-11-12-13-14-15-16-17-18-19-21-22-23-24-26-27-30-32mm

875G 20 Series **454,00**

Product description as Art. 875G 8
Set of 26 wrenches Art. 874 G mm 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32.

875G 26 Series **611,00**

Product description as Art. 875G 8
SET OF COMBINATION WRENCHES WITH OPENINGS IN US INCH SIZES
Set of 8 wrenches Art. 874 GA - inch sizes 3/8-7/16-1/2-9/16-5/8-3/4-7/8-1

875GP 8 Series **160,00**

Product description as Art. 875G 8
SET OF COMBINATION WRENCHES WITH OPENINGS IN US INCH SIZES
Set of 14 wrenches Art. 874 GA - inch sizes 5/16-3/8-7/16-1/2- 9/16-5/8-11/16-3/4-13/16-7/8-1-1.1/16-1.1/8-1.1/4

875GP 14 Series **345,00**



- 875G 8
- 875G 11
- 875G 12
- 875G 17
- 875G 20
- 875G 26
- 875GP 8
- 875GP 14



Orig. Gedore - Art. 7

According to DIN 3113 A/ISO 3318/ISO 7738. In CHROME VANADIUM steel.
Bihexagonal head angled at 15°.
Finely worked. Chrome plated finish.
Supplied in cardboard packaging.

Set of 12 wrenches Art. 874 GD 6-7-8-9-10-11-12-13-14-15-17-19mm

877G 12 Series **133,00**

Product description as Art. 877G 12
Set of 17 wrenches Art. 874 GD 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22mm

877G 17 Series **222,00**

Product description as Art. 877G 12
Set of 20 wrenches Art. 874 GD 8-9-10-11-12-13-14-15-16-17-18-19-21-22-23-24-26-27-30-32mm

877G 20 Series **354,00**

Product description as Art. 877G 12
Set of 26 wrenches Art. 874 GD mm 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32.

877G 26 Series **479,00**

Product description as Art. 877G 12
SET OF COMBINATION WRENCHES WITH OPENINGS IN US INCH SIZES
Set of 8 wrenches Art. 874 GE - inch sizes 1/4-5/16-3/8-7/16-1/2-9/16-5/8-3/4

877GP 8 Series **93,60**

Product description as Art. 877G 12
SET OF COMBINATION WRENCHES WITH OPENINGS IN US INCH SIZES
Set of 12 wrenches Art. 874 GE - inch sizes 5/16-3/8-7/16-1/2-9/16-5/8-11/16-3/4-13/16-7/8-15/16-1

877GP 12 Series **204,00**



- 877G 12
- 877G 17
- 877G 20
- 877G 26
- 877GP 8
- 877GP 12





877GS 12 GEDORE



Orig. Gedore - Art. 7 XL
 LONG pattern.
 According to DIN 3113.
 In CHROME VANADIUM steel.
 Bihexagonal head angled at 15°. Finely worked. Chrome plated finish.
 Set of 12 wrenches Art. 874 GL 10-11-12-13-14-17-19-22-24-27-30-32mm
877GS 12 Series **372,00**

3

878G GEDORE

- new* **878GA**
- 878GB**
- 878GE**
- 878GEL**
- new*
- 878GEP**
- new*
- 878GF**
- 878GFA**
- new*
- 878GFP**
- new*



Orig. Gedore red - Art. 0900/R0910/R0911
 According to DIN 3113 A/ISO 3318/ISO 7738. In CHROME VANADIUM steel.
 Bihexagonal head angled at 15°. Chrome plated finish.
 On support.

Set of 8 wrenches Art. 874 GR mm 8-9-10-11-13-14-17-19
878G Series **45,30**

Product description as Art. 878G
 Set of 10 wrenches Art. 874 GR mm 8-10-11-12-13-14-15-17-19-22
878GA Series **57,50**

Product description as Art. 878G
 Set of 12 wrenches Art. 874 GR mm 6-7-8-9-10-11-12-13-14-17-19-22
878GB Series **48,60**

Product description as Art. 878G
 Set of 12 wrenches Art. 874 GR mm 10-11-12-13-14-17-19-22-24-27-30-32.
878GE Series **106,00**

Product description as Art. 878G
 Set of 15 wrenches Art. 874 GR mm 6-7-8-10-11-12-13-14-17-19-22-24-27-30-32.
878GEL Series **111,00**

Product description as Art. 878G
 Set of 17 wrenches Art. 874 GR mm 6-7-8-9-10-11-12-13-14-16-16-17-18-19-20-21-22
878GEP Series **74,40**

Product description as Art. 878G
 Set of 21 wrenches Art. 874 GR mm 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32
878GF Series **159,00**

Product description as Art. 878G
 Set of 24 wrenches Art. 874 GR mm 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32
878GFA Series **165,00**

In CHROME VANADIUM steel.
 Polygonal head inclination at 15°. Chromed execution.
 On support.
 Set of 16 wrenches Art. 874 GRA mm 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1 - 1.1 / 16 - 1.1 / 8 - 1.1 / 4
878GFP Series **237,00**

COMBINATION WRENCHES

879 SCU



Prod. SCU
 Standard model. According to DIN 3110. In CHROME VANADIUM steel. Double open ended model. Heads angled at 15°. Chrome matt plated finish.

Mouths opening	mm	6	7	8	9	10	11	12
Overall length	mm	100	110	120	130	140	150	160
879	Each	1,72	1,72	1,96	1,96	2,20	2,44	2,82
Mouths opening	mm	13	14	15	16	17	18	19
Overall length	mm	170	180	190	200	210	220	230
879	Each	2,78	3,10	3,30	3,56	3,84	5,02	5,36
Mouths opening	mm	20	21	22	23	24	25	26
Overall length	mm	240	250	260	270	280	290	300
879	Each	5,96	6,66	7,64	8,46	9,52	10,40	11,40
Mouths opening	mm	27	28	29	30	32		
Overall length	mm	310	320	330	340	360		
879	Each	12,70	13,50	15,10	15,10	15,70		

Prices in EURO . VAT not included



COMBINATION WRENCHES SETS

Prod. SCU

Standard model. According to DIN 3113A. In CHROME VANADIUM steel. Bihexagonal head angled at 15°. Chrome matt plated finish. Supplied in cardboard packaging.

Set of 17 wrenches Art. 879 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22mm.

879A Series 62,70

Product description as Art. 879A

Set of 26 wrenches Art. 879 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32mm.

879B Series 175,00

SCU

879A
879B



COMBINATION OPEN AND RATCHET-RING WRENCHES

Prod. SCU

Short pattern. In CHROME-VANADIUM steel. Straight heads, with 1 open end and 1 bihexagonal ratchet hand. Fine toothed. Sturdy, handy and user-friendly. High quality. Finely worked. Chrome plated finish.

Mouths opening	mm	8	9	10	11	12	13	14
Overall length	mm	90	93	95	103	103	105	115
879D	Each	10,50	10,80	10,80	11,10	11,50	11,90	12,50

Mouths opening	mm	15	16	17	18	19
Overall length	mm	119	122	125	131	136
879D	Each	13,80	14,40	15,60	17,20	17,20

SCU

879D



COMBINATION OPEN AND RATCHET-RING WRENCHES SETS

Prod. SCU

Product description as Art. 879D

Supplied in cardboard packaging.

Set of 8 wrenches Art. 879 D. Dimensions: 8-10-12-13-14-15-17-19mm.

879E Series 103,80

SCU

879E



Product description as Art. 879D

Supplied in cardboard packaging.

Set of 10 wrenches Art. 879 D. Dimensions: 10-11-12-13-14-15-16-17-18-19mm.

879F Series 136,00

SCU

879F



COMBINATION OPEN AND RATCHET-RING WRENCHES

Orig. Carolus - Art. 1700/R0710

In CHROME-VANADIUM steel.

Straight, thin heads with a fixed aperture and a polygonal ratchet (72 teeth). Sturdy, easy to handle, practical. Finely worked. Chrome finish.

Mouths opening	mm	8	9	10	11	12	13	14
Overall length	mm	135	158	158	164	167	177	189
879FA	Each	15,00	16,10	16,40	17,20	18,30	19,50	20,70

Mouths opening	mm	15	16	17	18	19	20	21
Overall length	mm	198	205	224	235	246	280	280
879FA	Each	22,10	23,20	23,50	25,60	26,50	31,70	35,70

Mouths opening	mm	22	24	27	30	32	36
Overall length	mm	280	310	330	425	425	490
879FA	Each	38,50	42,30	65,30	77,90	80,90	131,00

carolus
by GEDORE

879FA





3

COMBINATION OPEN AND RATCHET-RING WRENCHES SETS



Orig. Carolus - Art. 1700.005/R07105005
 Product description as Art. 879FA
 Packed in cardboard box.
 Set of 5 wrenches Art. 879 FA size 8-10-13-17-19mm.
879FB Series **84,40**



Orig. Carolus
 Product description as Art. 879FA
 Packed in roll-up bag Art. 2076 GB.
 Set of 8 wrenches Art. 879 FA size 8-10-12-13-14-17-19-22mm.
879FD Series **187,98**

COMBINATION OPEN AND RATCHET-RING WRENCHES



Orig. Gedore - Art. 7R
 In CHROME-VANADIUM steel, forged, with double T structure which provides greater resistance when rotating. Hollow profile for improved ergonomics. Operational ratchet angle allows reduced tightening in confined spaces.
 Straight thin heads with one fixed aperture and one polygonal ratchet. Ratchet side is opening by unscrewing 2 screws for easy inspection and cleaning. Accurate and precise craftsmanship.

Mouths opening	mm	8	9	10	11	12	13	14
Overall length	mm	140	150	160	164	170	180	190
879FE	Each	18,10	18,40	18,90	19,40	20,50	22,10	22,70

Mouths opening	mm	15	16	17	18	19	21	22
Overall length	mm	200	212	225	235	250	274	292
879FE	Each	23,80	25,20	26,60	28,20	28,70	34,70	39,70

Mouths opening	mm	24	27	30	32	34	36
Overall length	mm	325	359	399	424	449	480
879FE	Each	45,40	99,70	113,00	133,00	146,00	161,00

COMBINATION OPEN AND RATCHET-RING WRENCHES SETS



Orig. Gedore
 Product description as Art. 879FE
 Packed in roll-up bag Art. 2076 GA.
 Set of 5 wrenches Art. 879 FE size 8-10-13-17-19mm.
879FG Series **123,26**



Product description as Art. 879FE
 Packed in roll-up bag Art. 2076 GB.
 Set of 8 wrenches Art. 879 FW size 8-10-12-13-14-17-19-22mm.
879FL Series **206,88**



COMBINATION OPEN AND RATCHET-RING WRENCHES

Orig. Gedore - Art. 7R

In CHROME VANADIUM steel. Straight and thin heads, with 1 open end and 1 bihexagonal ratchet head. Sturdy, handy and user-friendly. Finely worked. Chrome plated finish.

Mouths opening	mm	16	18	32
Overall length	mm	208	236	425
879G	Each	19,70	22,10	102,00

Product running out of stock.

GEDORE



879G



Prod. SCU

In CHROME VANADIUM steel. Straight and thin heads, with 1 open end and 1 bihexagonal ratchet head with MULTIPLE PROFILE for tightening hexagonal head screws, even with worn out/ rounded head up to 50%, bihexagonal, TORX, XZN-SPLINE, square head screws. Sturdy, handy and user-friendly. Finely worked. Chrome plated finish.

Mouths opening	mm	8	9	10	11	12	13	14
Overall length	mm	140	150	160	165	172	177	191
879GB	Each	27,60	27,60	30,00	32,90	34,90	37,30	38,80
Mouths opening	mm	15	16	17	18	19	22	24
Overall length	mm	200	208	225	236	248	290	295
879GB	Each	42,20	45,40	47,30	52,60	54,10	69,50	74,70

SCU

Multi-profilo



879GB



Orig. Carolus - Art. 1710/R0720

In CHROME-VANADIUM steel. Thin heads, with 1 open end and 1 bi-hex 72 tooth ratchet head, bent at 15°, with cursor for R+L operation. Sturdy, easy to handle, practical. Finely worked. Chrome finish.

Mouths opening	mm	8	9	10	11	12	13	14
Overall length	mm	134	158	158	164	167	177	189
879GE	Each	18,30	20,70	21,60	22,80	23,10	23,60	26,80
Mouths opening	mm	15	16	17	18	19	20	21
Overall length	mm	198	204	224	245	245	280	280
879GE	Each	28,40	28,90	31,10	33,10	35,50	42,70	44,60
Mouths opening	mm	22	24	27	30	32	34	36
Overall length	mm	280	310	330	425	425	460	490
879GE	Each	46,50	54,20	75,40	98,10	106,00	112,00	154,00

Size mm 34 running out of stock.

carolus
by GEDORE



879GE



COMBINATION OPEN AND RATCHET-RING WRENCHES SETS

Orig. Carolus

Product description as Art. 879GE
Packed in roll-up bag Art. 2076 GB.
Set of 8 wrenches Art. 879 GE size 8-10-12-13-14-15-17-19mm.

879GEL	Series	217,98
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carolus
by GEDORE



879GEL

Product description as Art. 879GE
Packed in roll-up bag Art. 2076 GC.
Set of 12 wrenches Art. 879 GE size 8-9-10-11-12-13-14-15-16-17-18-19mm.

879GEP	Series	324,80
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carolus
by GEDORE



879GEP





879GH **GEDORE**
new



Orig. Gedore red - Art. R07203016

Product description as Art. 879GE

Packaging in sturdy plastic case.

Set of 12 wrenches Art. 879 GE from mm 8-9-10-11-12-13-14-15-16-17-18-19.

1 adapter for inserts 1/4" hexagonal socket, to be used in combination with the wrench Art. 879 GE mm 10

1 adapter for 1/4" square drive bushes, to be used in combination with the wrench Art. 879 GE mm 10 1 adapter for 3/8 "square drive bushes, to be used in combination with the wrench Art. 879 GE mm 13

1 adapter for 1/2" square connection bushes, to be used in combination with the wrench Art 879 GE mm 19.

879GH Series **244,00**

Series of adapters available on request, NOT available loose.

COMBINATION OPEN AND RATCHET-RING WRENCHES

879GM **GEDORE**



Orig. Gedore - Art. 7UR

In CHROME-VANADIUM steel, forged, with double T structure which provides greater resistance when rotating. Hollow profile for improved ergonomics. Operational ratchet angle allows reduced tightening in confined spaces.

Straight, slender head, with one fixed aperture. A second one, at an incline of 13°, includes a polygonal ratchet for L+R movement. Ratchet side is opening by unscrewing 2 screws for easy inspection and cleaning. Accurate and precise craftsmanship. Chrome finish.

Mouths opening	mm	8	9	10	11	12	13	14	15
Overall length	mm	140	150	160	164	170	180	190	200
879GM	Each	26,40	26,40	28,10	28,10	28,60	28,70	33,30	33,30
Mouths opening	mm	16	17	18	19	21	22	24	
Overall length	mm	212	225	237	250	274	292	325	
879GM	Each	39,70	39,70	42,80	42,80	63,10	63,10	74,30	

COMBINATION OPEN AND RATCHET-RING WRENCHES SETS

879GP **GEDORE**



Orig. Gedore

Product description as Art. 879GM

Packed in roll-up bag Art. 2076 GB.

Set of 8 wrenches Art. 879 GM size 8-10-12-13-14-15-17-19mm.

879GP Series **270,48**

879GR **GEDORE**



Product description as Art. 879GM

Packed in roll-up bag Art. 2076 GB.

Set of 12 wrenches Art. 879 GM size 8-9-10-11-12-13-14-15-16-17-18-19mm.

879GR Series **408,80**

COMBINATION OPEN AND RATCHET-RING WRENCHES

879GS **GEDORE**



Orig. Gedore - Art. 7UR

In CHROME VANADIUM steel. Thin heads, with 1 irregular-shaped open end allowing for an effective and quick clamping with ratchet effect. With 1 bihexagonal ratchet head, bent at 15°, with lever change for clockwise and counter clockwise operation. Sturdy, handy and user-friendly. Finely worked. Chrome plated finish.

Mouths opening	mm	9	16	18
Overall length	mm	150	210	235
879GS	Each	20,80	31,10	33,40

Product running out of stock.



FLEXIBLE GEAR WRENCHES

Prod. SCU

Model with swivel ratchet, bent up to 180°. In CHROME-VANADIUM steel. With 1 open end and 1 bihexagonal ratchet head. Fine toothed. Sturdy, handy and user-friendly. High quality. Finely worked. Chrome plated finish.

Mouths opening	mm	6	7	8	9	10	11	12
Overall length	mm	130	130	130	155	155	170	173
879GV	Each	14,60	14,60	14,60	14,80	15,40	15,70	16,60
Mouths opening	mm	13	14	15	16	17	18	19
Overall length	mm	185	194	215	210	230	248	248
879GV	Each	17,20	17,80	18,60	20,10	20,80	21,80	22,50
Mouths opening	mm	20	21	22	23	24	25	26
Overall length	mm	280	280	280	320	320	320	320
879GV	Each	36,10	36,10	36,10	41,50	41,50	41,50	41,50

SCU

879GV



3

FLEXIBLE GEAR WRENCHES SETS

Prod. SCU

Product description as Art. 879GV
Supplied in rolled tool bag Art. 2076 GA.
Set of 5 wrenches Art. 879 GV 8-10-13-17-19mm.

879GZA	Series	99,36
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SCU

879GZA



Product description as Art. 879GV
Supplied in rolled tool bag Art. 2076 GB.
Set of 8 wrenches Art. 879 GV 8-10-12-13-14-15-17-19mm.

879GZB	Series	153,08
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SCU

879GZB



Product description as Art. 879GV
Supplied in rolled tool bag Art. 2076 GC.
Set of 12 wrenches Art. 879 GV. Dimensions: 8-9-10-11-12-13-14-15-16-17-18-19mm.

879GZC	Series	226,80
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SCU

879GZC



COMBINATION OPEN AND RATCHET-RING WRENCHES

Prod. SCU

Long model with fixed head with its opening folded at 90° proportional to the polygonal head ratchet. In CHROME-VANADIUM steel. Fine toothing. Robust, easy to manage, this special shape allows a higher powered transmission with less effort than a traditional type of key. Finely worked. Chrome finish.

Mouths opening	mm	8	9	10	11	12	13	14
Overall length	mm	150	165	180	195	205	220	235
880	Each	28,30	29,20	30,20	31,20	32,10	33,60	34,50
Mouths opening	mm	15	16	17	18	19		
Overall length	mm	250	260	275	290	305		
880	Each	36,10	38,10	40,40	42,30	44,70		

SCU

880



Product running out of stock.



COMBINATION OPEN AND RATCHET-RING WRENCHES SETS

880A

SCU



Prod. SCU

Product description as Art. 880

Packed in box.

Set of 12 wrenches Art. 880 8-9-10-11-12-13-14-15-16-17-18-19.

880A Series 329,00

Product running out of stock.

3

BIHEXAGON RING WRENCHES

880G
880GP

GEDORE



Orig. Gedore - Art. 2

According to DIN 838-ISO 3318 - ISO 1085 - ISO 10104.

In CHROME VANADIUM steel. Double open ended, bi-hexagonal.

Special head profile also suited for box nut.

Very long type for stress reduction and easy performance.

Finely worked. Chrome plated finish.

Opening	mm	5,5x7	6x7	8x9	8x10	9x11	10x11	10x12	10x13	11x13	11x14*	12x13	13x14
Overall length	mm	170	170	182	182	195	195	195	212	212	212	212	225
880G	Each	14,90	12,40	12,50	14,60	16,30	13,70	16,20	16,80	17,40	16,20	14,50	16,90
Opening	mm	13x15	13x17	14x15	14x17	16x17	16x18	17x19	18x19	19x22	19x24	20x22	21x23
Overall length	mm	225	245	225	245	245	265	265	265	287	305	287	305
880G	Each	17,40	19,30	15,70	19,40	17,70	21,70	20,60	19,50	25,90	30,10	22,90	27,50
Opening	mm	21x24	22x24	22x27*	24x26	24x27	24x30	25x28	27x29	27x30	27x32	30x32	30x34
Overall length	mm	307	307	325	325	325	345	345	345	345	370	370	375
880G	Each	31,90	30,10	32,60	32,70	30,90	34,70	34,10	45,30	40,50	39,30	39,20	45,90
Opening	mm	30x36	32x36	34x36	36x41	38x42	41x46	46x50	55x60	65x70*	75x80*	85x90*	
Overall length	mm	400	400	420	440	440	485	535	610	685	790	800	
880G	Each	73,40	70,50	81,10	92,60	99,70	117,00	147,00	234,00	427,00	713,00	905,00	

* Sizes running out of stock.

Product description as Art. 880G

MODEL WITH OPENINGS IN US INCH SIZES.

Opening	inch	5/16x3/8	9/16x5/8	19/32x11/16	5/8x11/16	3/4x25/32	13/16x7/8	1.1/16x1.1/4	1.1/8x1.5/16
Opening	mm	7,94x9,52	14,29x15,87	15,08x26,99	15,87x17,46	19,05x19,84	20,64x22,23	26,99x31,75	28,58x33,34
Overall length	mm	180	225	245	245	265	285	370	370
880GP	Each	13,80	17,50	18,60	19,30	21,40	26,10	39,70	40,80

Product running out of stock.

880GR

carolus
by GEDORE



Orig. Carolus - Art. 0100/R0110

Compliant with DIN 838/ISO 3318 - ISO 1085 - ISO 10104.

In CHROME-VANADIUM steel.

With two bi-hex ends. Chrome finish.

Opening	mm	6x7	8x9	10x11	12x13	13x15	14x15
Overall length	mm	170	182	185	212	225	225
880GR	Each	7,12	7,16	7,50	7,88	7,72	9,70
Opening	mm	16x17	17x19	18x19	19x22	20x22	21x23
Overall length	mm	245	265	265	287	287	305
880GR	Each	10,30	10,50	11,10	10,80	13,60	15,70
Opening	mm	24x26	24x27	25x28	27x32	30x32	36x41
Overall length	mm	325	325	345	370	370	440
880GR	Each	18,30	18,80	21,10	22,80	23,10	34,80

Sizes mm 13x15 and 19x22 running out of stock.



BIHEXAGON RING WRENCHES SETS

Orig. Gedore - Art. 2

According to DIN 838-ISO 3318 - ISO 1085 - ISO 10104.
 In CHROME VANADIUM steel. Double ended, bihexagonal.
 Special head profile also suited for box nuts.
 Very long type for stress reduction and easy performance.
 Finely worked. Chrome plated finish
 Supplied in cardboard packaging.
 Set of 8 wrenches Art. 880 G. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm



881G 8
881G 10
881G 12

881G 8 Series **131,00**

Product description as Art. 881G 8

Set of 10 wrenches Art. 880 G 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-24x27-30x32mm.

881G 10 Series **202,00**

Product description as Art. 881G 8

Set of 12 wrenches Art. 880 G.

Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm

881G 12 Series **265,00**



3

Orig. Carolus - Art. 0100/R0110

Compliant with DIN 838/ISO 3318 - ISO 1085 - ISO 10104.
 In CHROME-VANADIUM steel.
 With two bi-hex ends. Chrome finish.
 Supplied in cardboard box.
 Set of 8 wrenches Art. 880 GR.
 Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm



882GB
882GD

882GB Series **66,70**

Product description as Art. 882GB

Set of 12 wrenches Art. 880 GR.

Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm

882GD Series **109,00**



BIHEXAGON RING WRENCHES

Prod. SCU

Standard model. According to DIN 838. In CHROME VANADIUM steel. Double ended, bihexagonal. Chrome plated finish.



882M

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	18x19
Overall length	mm	170	180	195	210	225	245	265
882M	Each	2,90	3,52	3,92	4,50	5,02	5,60	7,40
Opening	mm	20x22	21x23	24x27	25x28	30x32		
Overall length	mm	285	305	325	345	370		
882M	Each	9,52	10,80	13,50	15,50	18,90		



BIHEXAGON RING WRENCHES SETS

Prod. SCU

Standard model. According to DIN 838. In CHROME VANADIUM steel. Double ended, bihexagonal. Chrome plated finish.
 Supplied in cardboard packaging.
 Set of 8 wrenches Art. 882 M. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm.



882P
882R

882P Series **43,20**

Product description as Art. 882P

Set of 12 wrenches Art. 882 M. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm.

882R Series **104,00**



HALF MOON RING WRENCHES

Orig. Gedore - Art. 304

In forged CHROME VANADIUM steel.
 Thin double ended, polygonal. Chrome plated finish.



882S

Opening	mm	11x13	13x17	14x16	14x17	15x17	16x18	19x22
Overall length	mm	150	185	185	185	185	185	230
Mouths thickness	mm	7x7,5	8,5x8,5	8,7x8,5	8,5x8,5	8,7x8,5	8,5x8,5	10x10,5
882S	Each	25,10	31,70	31,60	31,60	31,60	37,90	39,70





FLARE NUT WRENCHES

883G GEDORE



Orig. Gedore - Art. 400

According to DIN 3118. In CHROME-VANADIUM steel. Double headed, angled at 15°. Suitable to tighten nuts incorporated in pipes. Finely worked. Chrome-plated finish.

Opening	mm	8x10	9x11	10x11	10x12	11x13	12x14	13x15
Overall length	mm	140	145	150	150	160	170	180
Mouths thickness	mm	6,5x8	7,5x8,5	8x8,5	8x8,5	8,5x10,5	9,5x11,2	10,5x11,8
Mouths type		HEXAG.	HEXAG.	HEXAG.	HEXAG.	HEXAG.	HEXAG.	POLYG.
Pipe passage	mm	6x7	6,5x8,5	7x8,5	7x9	8,5x10	9x11,2	10x12
Mouths angulation opening		30°	30°	30°	30°	30°	30°	15°
883G	Each	21,10	23,30	22,70	23,30	23,30	23,70	25,80
Opening	mm	14x17	17x19	19x22	22x24	24x27	30x32	36x41
Overall length	mm	195	210	230	250	270	300	351
Mouths thickness	mm	11,5x12,2	12,2x13,2	13,2x15,2	15,2x16,2	16,2x17,2	20,2x22,2	25,2x28,2
Mouths type		POLYG.	POLYG.	POLYG.	POLYG.	POLYG.	POLYG.	POLYG.
Pipe passage	mm	11x14	14x15	15x17	17x18	18x20	22x24	25x32
Mouths angulation opening		15°	15°	15°	15°	15°	15°	15°
883G	Each	26,10	28,70	35,10	38,90	48,10	62,40	73,90

883GP GEDORE



Product description as Art. 883G

MODEL WITH OPENINGS IN US INCH SIZES.

Opening	inch	5/16x3/8	3/8x7/16	7/16x1/2	1/2x9/16
Overall length	mm	140	150	160	170
Mouths thickness	mm	6,5x8	8x8,5	8,5x10,5	9,5x11,2
Mouths type		HEXAG.	HEXAG.	HEXAG.	HEXAG.
Pipe passage	mm	6x7	7x8,5	8,5x10	10x11
Mouths angulation opening		30°	30°	30°	30°
883GP	Each	23,30	25,00	26,10	26,40
Opening	inch	9/16x5/8	5/8x3/4	3/4x7/8	7/8x1
Overall length	mm	195	210	230	250
Mouths thickness	mm	11,2x12,2	12,2x13,2	13,2x15,2	15,2x16,2
Mouths type		POLYG.	POLYG.	POLYG.	POLYG.
Pipe passage	mm	11x13	13x15	15x17	17x19
Mouths angulation opening		15°	15°	15°	15°
883GP	Each	29,30	32,40	37,30	43,20

RATCHET RING WRENCHES

883GS 883GT SCU



Prod. SCU

Body in sheet steel and forged head. Suitable to tighten nuts incorporated in pipes.

Opening	mm	7	8	9	10	11	12	13	14	16
Head thickness	mm	7,2	7,2	7,2	7,2	7,2	7,2	7,2	7,2	9,7
Overall length	mm	138	138	138	138	138	138	138	138	184
883GS	Each	51,50	51,50	51,50	52,50	52,50	52,50	52,50	56,70	58,40
Opening	mm	17	19	21	22	24	27	30	32	
Head thickness	mm	9,7	9,7	12,9	12,9	12,9	12,9	12,9	12,9	
Overall length	mm	184	184	236	236	236	236	236	236	
883GS	Each	58,40	58,40	75,70	75,70	75,70	144,00	144,00	176,00	

Product description as Art. 883GS

MODEL WITH OPENINGS IN US INCH SIZES.

Opening	inch	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1
Head thickness	mm	7,2	7,2	7,2	7,2	7,2	9,7	9,7	9,7	12,9	12,9	12,9	12,9
Overall length	mm	138	138	138	138	138	184	184	184	236	236	236	236
883GT	Each	39,50	39,50	39,50	39,50	48,20	48,20	48,20	48,20	59,10	59,10	59,10	59,50

Depending on availability will be provided wrenches sizes with chrome or burnished handles.



DOUBLE OPEN ENDED WRENCHES

Orig. Gedore - Art. 4

According to DIN 837/ISO 3318-ISO 1085. In CHROME VANADIUM steel. Straight double ended bihexagonal ring. Finely worked. Chrome plated finish.

Opening	mm	6x7	8x9	8x10	10x11	10x13	12x13	13x15
Overall length	mm	99	114	115	131	149	149	161
884G	Each	15,20	15,60	14,40	14,90	16,40	17,10	18,40
Opening	mm	13x17	14x15	16x17	17x19	18x19	19x22	20x22
Overall length	mm	167	161	169	186	186	209	209
884G	Each	18,70	18,10	18,80	19,00	19,10	20,80	22,10
Opening	mm	21x23	22x24	24x26	24x27	25x28	30x32	32x36
Overall length	mm	233	233	261	260	289	320	357
884G	Each	23,10	24,60	26,80	26,40	30,50	35,90	54,50
Opening	mm	36x41	41x46	46x50				
Overall length	mm	391	431	473				
884G	Each	66,20	93,50	117,00				



884G



3

TORX RING WRENCHES

Orig. Gedore - Art. TX 4

In CHROME-VANADIUM steel. Double ended, TORX bihexagonal, straight. Chrome-plated finish.

TORX size	E	6x8	10x12	14x18	20x24
Screw thread Ø	M.	5/4-6/7	8/5-10/8	12/10-14/12	16/18-20
Max impr. opening (mm)	mm	5,74/7,52	9,42/11,17	12,90/16,70	18,45/22,16
Overall length	mm	110	140	180	225
884GT	Each	20,10	20,70	24,50	33,10



884GT



DOUBLE ENDED OPEN JAW WRENCHES SETS

Orig. Gedore - Art. 4

According to DIN 837/ISO 3318-ISO 1085. In CHROME VANADIUM steel. Straight double ended bihexagonal ring. Finely worked. Chrome plated finish. Supplied in cardboard packaging.

Set of 8 wrenches Art. 884 G. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm.

885G 8	Series	144,00
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Product description as Art. 885G 8

Set of 12 wrenches Art. 884 G 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm.

885G 12	Series	263,00
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885G 8
885G 12



RATCHET BIHEXAGON RING WRENCHES

Prod. SCU

In CHROME-VANADIUM steel, forged. Double ended, bi-hexagonal, straight. Finely worked. Chrome plated finish. Ratchet head movement.

Opening	mm	8x9	10x11	12x13	14x15	16x18	17x19
Overall length	mm	129	150	168	180	208	230
885GE	Each	13,70	15,30	16,70	19,20	21,20	22,70



885GE



Orig. Gedore - Art. 4 R

In CHROME-VANADIUM steel, forged, with a double T structure which provides greater resistance when rotating, and which has a hollow profile for improved ergonomics. Operational ratchet angle allows reduced tightening in confined spaces.

With two polygonal straight, thin mouths. Finely worked. Chrome finish.

Opening	mm	8x9	8x10	10x11	10x13	12x13	14x15	16x17
Overall length	mm	134	144	153	165	174	197	222
885GEL	Each	37,60	38,70	40,10	41,30	41,90	45,10	48,20
Opening	mm	17x19	18x19					
Overall length	mm	235	248					
885GEL	Each	49,20	49,90					



885GEL



RATCHET TORX RING WRENCHES

Prod. SCU

In CHROME-VANADIUM steel, forged. Double ended, inner polygon TORX, straight. Finely worked.

TORX size	E	6x8	10x12	14x18	20x24
Max impr. opening (mm)	mm	5,74/7,52	9,42/11,17	12,90/16,70	18,45/22,16
Overall length	mm	120	137	180	230
885GF	Each	15,80	16,40	19,90	23,60



885GF





RATCHET TORX RING WRENCHES SETS

885GL SCU



Prod. SCU

Product description as Art. 885GF

Set of 4 wrenches Art. 885 GF 6x8 - 10x12 - 14x18 - 20x24.

In rolling tool bag Art. 2076 GA.

885GL Series 84,56

885GLP carolus
by GEDORE

Orig. Carolus - Art. 1740.00/R07501019

Double-wrench available in different sizes on both sides. In CHROME-VANADIUM steel. With polygonal, straight mouths. Complete with ratchet slider which enables L+R movement. Finely worked. Chrome finish.

Mouth aperture 10-13-17-19mm.

Total length 210mm.

885GLP Each 50,30

885GM SCU



Prod. SCU

Dual compass model available in different sizes on both sides. In CHROME-VANADIUM steel.

With polygonal, straight mouths. Ratchet lever for L+R movement. Finely worked. Chrome finish.

Size	mm	1	2	3	4
Opening	mm	8x10 - 12x13	9x11 - 14x15	16x17 - 18x19	20x21 - 22x24
Overall length	mm	160	180	230	290
885GM	Each	72,10	70,20	85,80	107,00

RATCHET BIHEXAGON RING WRENCHES SETS

885GMA SCU



Prod. SCU

Product description as Art. 885GM

Set of 4 wrenches Art. 885 GM 1-2-3-4.

Packed in box.

885GMA Series 303,00

OPEN ENDED-SWIVEL SOCKET WRENCH

886G GEDORE



Orig. Gedore - Art. 534

In CHROME-VANADIUM steel.

Open ended-bihexagonal swivel socket.

Finely worked. Chrome-plated finish.

With hole on the open-endedn head for use with bars Art. 902 G.

Opening	mm	10	11	12	13	14	15	16
Overall length	mm	179	189	198	208	218	231	244
Bore Ø for levers	mm	5	5	5	5	6	6	6
886G	Each	24,60	25,10	27,30	27,30	28,50	29,70	32,50
Opening	mm	17	18	19				
Overall length	mm	255	269	283				
Bore Ø for levers	mm	8	8	8				
886G	Each	32,70	36,30	36,40				



DOUBLE END SWIVEL WRENCH

Orig. Gedore - Art. 34

In CHROME-VANADIUM steel.
Double end swivel socket, bihexagonal, with hole for use with a bar.
Finely worked. Chrome-plated finish.
For bars see Art. 902 G.



887GA

Opening	mm	8x9	10x11	12x13	13x15	14x15	13x17	14x17
Overall length	mm	200	205	240	245	245	275	280
Bore Ø for levers	mm	6	6	8	8	8	10	10
887GA	Each	48,20	48,50	52,30	51,30	55,50	60,30	55,60
Opening	mm	16x17	17x19	18x19	20x22	21x23	24x27	30x32
Overall length	mm	280	315	315	350	350	410	470
Bore Ø for levers	mm	10	12	12	12	12	14	14
887GA	Each	66,10	69,30	69,30	79,20	80,60	99,20	150,00



Sizes mm 13x15 and 14x17 running out of stock.

Product description as Art. 887GA

MODEL WITH OPENINGS IN US INCH SIZES.

Opening	inch	5/8x3/4	13/16x7/8	15/16x1
Overall length	mm	315	350	410
Bore Ø for levers	mm	12	12	14
887GB	Each	69,60	78,90	101,00



887GB



Product running out of stock.

TORX SWIVEL WRENCHES

Orig. Gedore - Art. TX 34

In CHROME-VANADIUM steel.
Double ended, TORX swivel sockets, with holes for use with a bar.
Chrome-plated finish. Polished heads. For bars see Art. 902 G.



887GT

TORX size	E	6x8	10x12
Screw thread Ø	M.	5/4-6/5	8/6-10/8
Max impr. opening (mm)	mm	5,6/7,4	9,3/11,1
Overall length	mm	190	230
887GT	Each	45,10	57,60



Product running out of stock.

RATCHETING WRENCHES

Prod. SCU

In sturdy sheet steel, reinforced. R+L operation. Double ended, bihexagonal. Ratchet mechanism.
Chrome-plated finish.



888GT

Model with straight heads.

Opening	mm	7x8	9x10	11x12	13x14	15x17	16x18	19x21
Mouths type		hexag.	polyg..	polyg..	polyg..	polyg..	polyg..	polyg..
888GT	Each	10,60	11,40	15,60	16,70	19,10	19,50	21,50



Product description as Art. 888GT

Model with flexible heads.

Opening	mm	7x8	9x10	11x12	13x14	15x17	16x18	19x21
Mouths type		hexag.	polyg..	polyg..	polyg..	polyg..	polyg..	polyg..
889G	Each	10,70	11,70	15,90	16,90	19,70	20,10	21,90



889G



Orig. Gedore - Art. 14R

In sturdy sheet steel, reinforced. Clockwise and counter-clockwise operation. Double ended, bihexagonal. Fine ratchet mechanism. Finely worked. Chrome-plated finish.



889GR

Model with straight heads.

Opening	mm	8x9	12x13	14x15	16x18
889GR	Each	11,90	12,40	13,10	13,10



Product running out of stock.



RATCHETING WRENCHES SETS

889L

SCU



Prod. SCU

In sturdy sheet steel, reinforced. R+L operation. Double ended, bihexagonal. Ratchet mechanism. Chrome-plated finish.

Model with straight head.

Set of 5 wrenches Art. 888 GT 7x8 - 9x10 - 11x12 - 13x14 - 15x17mm.

In rolling tool bag Art. 2076 GA.

889L

Series

82,26

889P

SCU



Product description as Art. 889L

Model with flexible head.

Set of 5 wrenches Art. 888 G 7x8 - 9x10 - 11x12 - 13x14 - 15x17mm.

In rolling tool bag Art. 2076 GA.

889P

Series

83,76

FRICTION TYPE RATCHES

890GA

GEDORE



Orig. Gedore - Art. 31 KR

In chrome-vanadium STEEL. Clockwise and counter-clockwise operation. Friction ratchet handle. Interchangeable bi-hexagon inserts. Burnished finish.

Complete wrench.

Opening	mm	8	9*	10	11*	13	14*	15	17	18*	19	21	22	23*	24	
Overall length	mm	150	150	150	150	150	205	205	205	255	255	255	255	255	305	
Weight	grams	90	90	90	90	90	220	220	220	370	370	370	370	370	480	
890GA	Each	61,10	62,90	61,10	64,10	61,10	76,50	89,10	82,10	89,10	82,50	84,60	82,50	85,50	104,00	
Opening	mm	26	27	28	30	32	34*	36	41	46	50	55	60	65	70	
Overall length	mm	305	305	305	400	400	500	500	500	635	635	760	760	940	940	
Weight	grams	480	480	480	720	720	1200	1250	1250	2500	2500	3050	3050	5000	5000	
890GA	Each	106,00	106,00	108,00	144,00	144,00	185,00	189,00	189,00	272,00	272,00	383,00	383,00	593,00	593,00	
Opening	mm	75	80													
Overall length	mm	960	960													
Weight	grams	5900	5900													
890GA	Each	719,00	716,00													

Up to Art. 890 GA from 60 mm with bi-hexagon "UNIT DRIVE" head.
Up to Art. 890 GA from 60 mm flat body, from 65 mm round pipe body grip.
* Sizes running out of stock

890GB

GEDORE



Orig. Gedore - Art. 31 R

Spare inserts for Art. 890 GA.

Opening	mm	8	9*	10	11*	12*	13	14*
890GB	Each	13,30	21,10	13,30	22,40	14,80	13,30	16,60
Opening	mm	15	16*	17	18*	19	21	22
890GB	Each	22,50	23,60	15,40	35,80	17,40	19,20	17,50
Opening	mm	23*	24	26	27	28	30	32
890GB	Each	28,10	24,00	25,70	26,30	27,90	30,50	30,60
Opening	mm	34*	36	41	46	50	55	60
890GB	Each	49,20	34,60	34,60	63,10	63,10	92,30	92,30
Opening	mm	65	70	75	80	85*	90*	
890GB	Each	148,00	148,00	160,00	160,00	380,00	380,00	

Up to Art. 890 GB from 60mm with bi-hexagon head "UNIT DRIVE"
* Sizes running out of stock



Orig. Gedore - Art. 31 KVR

In chrome-vanadium STEEL. Clockwise and counter-clockwise operation. Friction ratchet handle. Interchangeable square inserts. Burnished finish.

Complete wrench.

Opening	mm	8	9	10	12	14	17	19
Overall length	mm	150	150	150	205	205	255	255
Weight	grams	90	90	90	220	220	370	370
891GA	Each	66,00	66,00	61,30	82,50	82,50	83,20	82,50

GEDORE

891GA



Orig. Gedore - Art. 31 VR

Spare inserts for Art. 890 GA.

Opening	mm	8	9	10	12	14	17	19
891GB	Each	18,30	18,30	13,90	15,90	16,10	18,10	17,30

GEDORE

891GB



RATCHETING WRENCHES

Prod. SCU

Heavy type of pressed sheet steel, reversible. Particularly suitable for use in the mechanical, naval, agricultural and automotive industries.

Polished nickel-plated execution.

With bi-hexagon inserts.

Opening	mm	22	23	24	25	26	27	29	30	32	36
Overall length	mm	300	300	300	300	300	300	300	300	390	390
Head thickness	mm	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	15,9	15,9
Weight	grams	450	450	450	450	450	450	450	450	1450	1450
892E	Each	75,90	75,90	75,90	75,90	75,90	75,90	75,90	75,90	227,00	227,00

SCU

892E
new



Product description as Art. 892E

With bi-hexagon inserts.

Opening	inch	1.5/16	1.3/8	1.7/16	1.1/2	1.9/16	1.5/8	1.11/16
Overall length	mm	390	390	390	390	390	390	480
Head thickness	mm	15,9	15,9	15,9	15,9	15,9	15,9	15,9
Weight	grams	1450	1450	1450	1450	1450	1450	1860
892F	Each	227,00	227,00	227,00	227,00	227,00	227,00	272,00

SCU

892F
new



Opening	inch	1.3/4	1.13/16	1.7/8	2	2.1/8
Overall length	mm	480	480	480	480	480
Head thickness	mm	15,9	15,9	15,9	15,9	15,9
Weight	grams	1860	1860	1860	1860	1860
892F	Each	272,00	272,00	272,00	272,00	272,00

Orig. Gedore

In CHROME-VANADIUM steel.

Clockwise and counter-clockwise operation through reverse lever.

Chrome-plated finish.

With bi-hexagon inserts.

Opening	mm	22	24	27	28	30	32	36	41	46
Overall length	mm	620	620	620	620	620	620	910	910	910
Head thickness	mm	27,9	27,9	27,9	27,9	27,9	27,9	43	43	43
Weight	grams	2600	2600	2600	3300	2600	2600	5000	5000	5000
Supplier code		41	41	41	41	41	41	41B	41B	41B
892GA	Each	311,00	311,00	311,00	311,00	311,00	311,00	401,00	412,00	404,00

GEDORE

892GA



Product description as Art. 892GA

With square inserts.

Opening	mm	19	22	24	27	30	32	36
Overall length	mm	620	620	620	620	910	910	910
Head thickness	mm	27,9	27,9	27,9	27,9	43	43	43
Weight	grams	2600	2600	2600	2600	5000	5000	5000
Supplier code		41 V	41 V	41 V	41 V	41 BV	41 BV	41 BV
892GB	Each	311,00	311,00	311,00	311,00	404,00	404,00	382,00

GEDORE

892GB



**893G** **Orig. Gedore - Art. 29**

In special steel. Clockwise and counter-clockwise operation. Double inserts of different dimensions and tipped end.

Opening	mm	17x19	19x22	19x24	24x30	27x32	36x41
Overall length	mm	310	360	360	400	400	450
Weight	grams	500	650	650	1000	1000	2000
893G	Each	58,10	80,80	80,80	153,00	161,00	243,00

893GE **Prod. SCU**

In special steel. For bi-directional tightening. Double inserts of different dimensions on both sides. Bi-hex inserts. Burnished finish.

Size		2	3	4
Opening	mm	14x17 - 19x21	17x19 - 22x24	19x21 - 24x27
Overall length	mm	275	330	330
Weight	grams	600	700	750
893GE	Each	117,00	123,00	128,00

894GA **Orig. Peddinghaus-Mob**

In special steel, chrome plated. Holed type, quick locking double splined chuck.

HEXAGONAL SOCKETS WITH SPLINED ATTACHMENT

Suitable to tighten and unscrew nuts placed at stud bolts extremities, on threaded bars of any length or deeply set. To be used with ratchet Art. 894 GL.

Opening	mm	10	11	12	13	14	15	16
894GA	Each	5,92	7,24	7,24	7,24	7,80	7,80	7,80
Opening	mm	17	18	19				
894GA	Each	7,80	7,80	7,80				

894GB 

Product description as Art. 894GA

EXTENSIONS

To be used with exagonal sockets Art. 894 GA and ratchet Art. 894 GL.

Overall length	mm	75
894GB	Each	13,60

894GE **1/4"**

Product description as Art. 894GA

1/4" SOCKET ADAPTERS

To be used with ratchet lever Art. 984 GL also with 1/4" standard sockets. With socket locking/unlocking device.

894GE	Each	11,10
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894GF **3/8"**

Product description as Art. 894GA

3/8" SOCKET ADAPTERS

To be used with ratchet lever Art. 984 GL also with 3/8" standard sockets. With socket locking/unlocking device.

894GF	Each	14,10
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894GL 

Product description as Art. 894GA

RATCHETS LEVERS

Lever for R+L operation. Fine ratchet mechanism, con angolo di ripresa di 5°. To be used with hexagonal sockets Art. 894 GA, extension Art. 894 GB and adapters Art. 894 GE-F.

Overall length	mm	200
894GL	Each	60,90



Orig. Peddinghaus-Mob - Art. 9400010001

Product description as Art. 894GA
SETS OF SOCKETS AND ACCESSORIES

The set contains 14 tools.

Each set consists of:

- 10 x hexagonal socket with splined attachment Art. 894 GA 10-11-12-13-14-15-16-17-18-19mm
 - 1 x extension 75mm Art. 894 GB
 - 1 x 1/4" socket adapter Art. 894 GE
 - 1 x 3/8" socket adapter Art. 894 GF
 - 1 x ratchet lever 200mm Art. 894 GL
- Complete assorted set supplied in plastic case.

894GP Each **110,00**



894GP



3

STUD SCREW INSERTER

Orig. Gedore - Art. 3173

Bit to fit and extract bolts, slings and stud bolts simply and rapidly.

Hexagonal drive.

Thread Ø	M	6	8	10	12
894GR	Each	62,10	62,10	63,10	64,10



894GR



Orig. Gedore - Art. 3174

Product description as Art. 894GR

SDS-plus drive.

Thread Ø	M	6	10	12
894GT	Each	61,60	62,20	62,70

Product running out of stock.



894GT



BIHEXAGON RING WRENCHES CONVECTOR

Prod. SCU

In CHROME VANADIUM steel.

Polygonal openings

Chrome finish.

Opening	mm	21x22
Overall length	mm	300
895G	Each	13,70



895G



In CHROME-VANADIUM steel with double ratchet and handle with pointed end for the fast centring of holes.

Polygonal jaws. Chrome-plated finish.

Opening	mm	21x22
Overall length	mm	310
895GE	Each	35,10



895GE



CONVECTOR WRENCHES

Orig. Sturem - Art. 560200

In special steel. Model with stepped sliding bar, 3/8 - 1/2.

895GN Each **35,10**



895GN



Orig. Sturem - Art. 550500

In special steel. Steps: 3/8 - 1/2 - 3/4 - 1 - 1.1/4.

18mm square drive. Length: 160mm.

895GP Each **40,20**



895GP



Prod. SCU

In forged steel.

Suitable to install and dismantle valves and securing flanges mounted on heating convectors.

Hexagonal, bihexagonal and winged inner setting.

Ratchet control levers: see Art. 895 GP 8.

For 3/8 - 1/2 - 3/4 - 7/8 - 1 inch drives.

1/2" square drive.

895GP 4 Each **15,20**



895GP 4



1/2"

**895GP 8** 

Ratchet with 1/2" reverse square drive, in special steel, without adapter. Suitable for wrenches Art. 895 GP 4. Rubber handle. Length: 280mm.

895GP 8 Each **34,40**

895RA 

To replace convector elements in heating systems.
For 1" inch drives.

Overall length	mm	500	750	1000
Square drive	mm	18	18	18
895RA	Each	9,62	12,80	14,90

895RB 

Product description as Art. 895RA
For 1.1/4" inch drives.

Overall length	mm	500	750	1000
Square drive	mm	18	18	18
895RB	Each	12,50	14,50	20,10

895RK 

Ratchet wit reverse square drive, in CHROME VANADIUM steel. Suitable for wrenches Art. 895 RA and 895 RB. With rubber handle. Length: 500mm.

895RK Each **69,40**

895RL 

Simple lever for wrenches Art. 895 RA and 895 RB. With rubber handle.
Length: 450mm.

895RL Each **13,80**

CONVECTOR WRENCHES SETS**896** 

Prod. SCU
In CHROME VANADIUM steel.
Suitable for fixing thermostatic valves on the radiators of heating systems.
They include bit wrenches for 3/8 - 1/2 - 3/4 - 1inch drives and relative operating lever.
In plastic case.

896 Each **61,50**

NUT DRIVERS WITH HANDLE**898A** 

Prod. SCU
In forged steel. With hexagonal shaped mouth.
Chrome plated finish. Plastic handle.

Hexagon	mm	4	5	5,5	6	7	8	9
Overall length	mm	180	180	180	180	180	180	180
898A	Each	5,96	5,96	5,96	5,96	8,22	8,22	8,22
Hexagon	mm	10	11	12	13	14		
Overall length	mm	195	195	195	195	195		
898A	Each	8,22	10,10	10,10	10,10	10,10		

898B 

Product description as Art. 898A
Packed in roll-up bag Art. 2076 GB.
Set of 8 wrenches Art. 898 A size 4-5-5.5-6-7-8-10-13mm.

898B Series **68,18**



In forged steel. With hexagonal opening.
Nickel finish. Plastic handle.
Short pattern.

Hexagon	mm	11	14
Overall length	mm	170	180
898C	Each	3,70	4,00

Product running out of stock.

SCU



898C

Product description as Art. 898C
Long pattern.

Hexagon	mm	9
Overall length	mm	210
898L	Each	3,54

Product running out of stock.

SCU



898L

Especially suitable for fixing plates and stud bolts. In forged steel.
Very wide hexagonal opening. Chrome plated finish. With plastic handle.

Hexagon	mm	4	5	5,5	6	7	8	9
Overall length	mm	210	210	210	210	210	220	220
Mouth depth	mm	25	28	31	38	38	50	50
899	Each	8,30	8,30	8,30	8,30	8,30	8,96	9,16

Hexagon	mm	10	11	12	13	14
Overall length	mm	220	220	230	230	230
Mouth depth	mm	50	50	50	55	55
899	Each	10,30	10,60	10,80	11,70	12,50

SCU



899

Orig. Gedore - Art. 2133

Hexagonal opening, 25mm wide, also suitable for box nuts.
Chrome finish, unpolished. Dual component handle with hang-up hole.
With hexagon on blade starting from size 10mm.

Hexagon	mm	5	5,5	6	7	8	9
Overall length	mm	215	215	215	225	225	225
899GL	Each	14,70	14,70	14,70	15,70	16,40	17,90

Hexagon	mm	10	11	12	13
Overall length	mm	225	235	235	235
899GL	Each	22,10	24,90	25,90	27,50

GEDORE



899GL

FLEXIBLE NUT DRIVERS WITH HANDLE

Prod. SCU

Flexible. Particularly suitable for the tightening of clamps. With hexagonal jaw.
Flexible covered in rubber. Plastic handle with hole.

Hexagon	mm	6	7	8	10
Overall length	mm	250	250	250	275
899GM	Each	11,60	12,00	12,50	16,80

SCU



899GM

NUT "T" DRIVERS WITH HANDLE

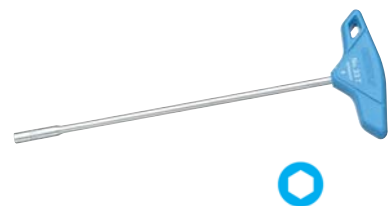
Orig. Gedore - Art. 33 T/2133 T

In CHROME VANADIUM steel.
Hexagonal opening, 25mm wide, also suitable for box nuts.
Chrome plated finish, unpolished.
Plastic handle with hang-up hole.

Hexagon	mm	2,5*	3*	4*	5,5	6	7	8
Overall length	mm	180	180	227,5	227,5	227,5	227,5	227,8
899GT	Each	17,80	17,80	16,60	21,40	21,70	22,10	23,10

Hexagon	mm	9	10	11	12	13	14*
Overall length	mm	227,5	227,5	268	268	268	269
899GT	Each	25,30	25,30	30,60	32,70	34,20	32,90

GEDORE



899GT

When stocks will be run out, the wrenches from 5.5mm to 13mm will be supplied with handles in bi-component material with hole.
* Sizes running out of stock

**899GZA** SCU**Prod. SCU**

In CHROME VANADIUM steel.
TORX opening. Chrome plated finish. Plastic handle with hang-up hole.
Blade length: 230mm.

TORX size	E	8	12	14
For screws DIN 931/6921	M.	6/5	10/8	12/10
Mouth depth	mm	12	17	23

899GZA	Each	16,10	18,10	20,10
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Product running out of stock.

INTERCHANGEABLE NUT WENCHES WITH JOINTED BAR IN SETS**899R** SCU**Prod. SCU**

With round body made of sturdy sheet steel, hinged lever and knurled steel based, 13 mm, hexagonal spout. Complete with 6 hexagonal sockets measuring mm 9-10-11-12-14-17 which can be installed on the hexagonal mouth.

899R	Series	67,40
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DOUBLE ENDED SOCKET WRENCHES**900** SCU**Prod. SCU**

In steel tubing. Double ended, hexagonal. Nickel finish.

Opening	mm	6x7	7x9	8x9	8x10	9x11	10x11	10x12
Bore for levers Ø	mm	4	6,3	6,3	6,3	6,3	6,3	6,3
900	Each	1,18	1,18	1,18	1,28	1,28	1,28	1,32
Opening	mm	12x13	12x14	13x15	14x15	14x17	16x17	16x18
Bore for levers Ø	mm	7,3	7,3	6,5	7,3	7,3	7,3	8,5
900	Each	1,36	1,36	1,62	1,62	1,66	1,70	1,70
Opening	mm	17x19	18x19	18x20	19x22	20x22	21x23	22x25
Bore for levers Ø	mm	8,5	8,5	9,2	10,5	10,5	10,5	10,5
900	Each	1,80	1,80	2,00	2,20	2,20	2,34	2,58
Opening	mm	22x27	23x27	24x26	24x27	25x28	27x32	30x32
Bore for levers Ø	mm	11,7	11,7	11	11,7	11,7	13,4	13,4
900	Each	2,78	2,82	2,58	2,82	2,98	3,32	3,32
Opening	mm	32x36	35x38	36x41	40x42	46x50	50x55	55x60
Bore for levers Ø	mm	13,4	13,5	13,8	13,8	15,8	17,4	17,4
900	Each	4,24	5,08	5,16	5,94	7,90	8,52	9,84

For sliding bars see Art. 900 A. Due to wrench manufacturing process, the bar Ø could slightly vary.

STEPPED TOMMY BARS**900A** SCU**Prod. SCU**

In special steel, completely hardened.

Size		6	8	10	12
Steps number		2	2	1	1
Steps diameter	mm	4-6	7-8	10	12

900A	Each	0,96	1,14	1,32	1,80
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DOUBLE ENDED SOCKET WRENCHES SETS**900C 12** SCU**Prod. SCU**

In steel tubing. Double ended, hexagonal. Nickel finish.

Set of 12 wrenches Art. 900. Dimensions: 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32mm
Supplied in cardboard packaging.

900C 12	Series	23,54
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DOUBLE ENDED SOCKET WRENCHES

Orig. Gedore - Art. 26 R

According to DIN 896 B/ISO 2236 - ISO 1085

In drawn steel tubing. Double hexagonal ended, hardened. Also suitable for box nuts. Chrome plated finish.

Without sliding bar.

Opening	mm	5,5x7	6x7	8x9	8x10	10x11	10x13	11x13
Overall length	mm	105	110	110	120	120	140	140
Bore for levers Ø	mm	5	5	6	6	6	8	8
900G	Each	5,62	5,42	5,72	6,54	6,64	7,52	7,66
Opening	mm	12x13	12x14	13x14	13x15	13x17	14x15	14x17
Overall length	mm	140	140	140	140	150	140	150
Bore for levers Ø	mm	8	8	8	8	10	8	10
900G	Each	7,56	7,66	7,66	8,40	9,76	8,20	10,30
Opening	mm	16x17	17x19	18x19	19x22	20x22	21x23	22x24
Overall length	mm	150	160	160	170	170	170	190
Bore for levers Ø	mm	10	12	12	12	12	14	14
900G	Each	9,70	13,10	13,10	13,60	13,60	14,10	14,30
Opening	mm	24x26	24x27	25x28	27x30	27x32	30x32	30x36
Overall length	mm	190	190	200	200	200	200	220
Bore for levers Ø	mm	14	14	16	16	16	16	18
900G	Each	15,30	15,30	16,10	18,10	19,20	19,20	24,30
Opening	mm	32x36	36x41	41x46	46x50	50x55		
Overall length	mm	220	220	240	240	240		
Bore for levers Ø	mm	18	18	20	20	20		
900G	Each	24,10	28,20	32,10	96,70	117,00		

For levers see Art. 902 GB/GC/GD/GE.

GEDORE

900G



3

STEPPED TOMMY BARS

Orig. Gedore - Art. 26 RS/1-2-3/26 d.

In CHROME VANADIUM steel. Completely hardened.

2-stepped sliding bar Ø 5-6mm.

902GB	Each	7,46
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GEDORE

902GB



Product description as Art. 902GB

2-stepped sliding bar Ø 8-10mm.

902GC	Each	10,30
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GEDORE

902GC



Product description as Art. 902GB

3-stepped sliding bar Ø 12-14-16mm.

902GD	Each	9,18
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GEDORE

902GD



Product description as Art. 902GB

Cylindrical type.

Ø	mm	5	6	8	10	12	14	16	18	20
902GE	Each	3,76	4,14	5,04	6,44	7,98	12,10	17,90	28,10	43,20

Size mm 5 running out of stock.

GEDORE

902GE



DOUBLE ENDED SOCKET WRENCHES SETS

Orig. Gedore - Art. Kd 26 R

According to DIN 896 B/ISO 2236 - ISO 1085

In drawn steel. Hexagonal double ended, hardened. Also suitable for box nuts.

Chrome plated finish.

Set of 8 wrenches Art. 900 G.

Dimensions:6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22mm and 3 sliding bars

Art. 902 GB-C-D.

903G 8	Series	110,00
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Product description as Art. 903G 8

Set of 12 wrenches Art. 900 G. Dimensions: 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32mm and 3 sliding bars Art. 902 GB-C-D.

In cardboard box.

903G 12	Series	176,00
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GEDORE

**903G 8
903G 12**





DOUBLE ENDED SOCKET WRENCHES

907G



Prod. SCU

In forged CHROME VANADIUM steel.
Hexagonal hardened open ends.
Also suitable for box nuts and protruding nuts.
Chrome-titanium finish.
Without sliding bars.

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	18x19
Overall length	mm	105	110	120	140	145	155	165
Bore for levers Ø	mm	3	3	5	6	6,5	7	8
907G	Each	14,70	14,90	15,90	18,60	20,60	24,20	26,40
Opening	mm	20x22	24x27	30x32				
Overall length	mm	170	195	210				
Bore for levers Ø	mm	10	12	13,5				
907G	Each	31,10	47,60	55,10				

STEPPED TOMMY BARS

907GB



Prod. SCU

In special steel, completely hardened.
With 4 steps Ø 2.5 - 4.5 - 5.5 - 6mm for wrenches Art. 907 G 6x7 to 14x15.

907GB	Each	12,50
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907GC



Product description as Art. 907GB

With 6 steps Ø 6.5 - 7.5 - 9.5 - 11.5 - 12.5 - 13mm for wrenches Art. 907 G 16x17 to 30x32.

907GC	Each	16,90
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DOUBLE ENDED SOCKET WRENCHES SETS

908G 8



Prod. SCU

In forged CHROME VANADIUM steel.
Hexagonal hardened open ends.
Also suitable for box and protruding nuts.
Chrome-titanium finish.
Without extension tubes.

Set of 8 wrenches Art. 907 G. Dimensions: 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22mm.

908G 8	Series	151,00
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DOUBLE ENDED SOCKET WRENCHES

909GE



Orig. Gedore - Art. 626

According to DIN 896 A/ISO 2236 - ISO 1085
Double ended, hexagonal. In CHROME VANADIUM steel, hardened.
Sturdy and forged construction.
Suitable for box nuts and protruding nuts.
Chrome plated finish with polished heads.
Without sliding bars.

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	17x19	18x19
Overall length	mm	105	110	120	140	145	155	165	165
Bore for levers Ø	mm	4	4	5	6	6	7	8	8
909GE	Each	11,90	11,50	12,50	13,90	18,10	20,50	23,30	23,30
Opening	mm	19x22	20x22	24x26	24x27	30x32	32x36		
Overall length	mm	175	175	195	195	210	225		
Bore for levers Ø	mm	9	9	12	12	14	16,5		
909GE	Each	27,80	25,30	43,20	34,10	61,10	77,10		

As for Tommy bars see Art. 909 GL

STEPPED TOMMY BARS

909GL



Orig. Gedore - Art. 626 S.

In CHROME VANADIUM steel. Completely hardened.
Chrome plated finish.

Size		1	2	3
Steps number		4	5	3
Steps diameter	mm	3,7-4,7-5,2-7	6,7-7,7-8,7-9,7-11	11,7-13,7-16
Keys opening	mm	6x7 - 14x15	13x17 - 21x23	21x24 - 32x36
909GL	Each	4,68	6,24	9,18



DOUBLE ENDED SOCKET WRENCHES SETS

Orig. Gedore - Art. KD 626

According to DIN 896 A/ISO 2236 - ISO 1085
 Double ended, hexagonal. In CHROME VANADIUM steel, hardened.
 Sturdy and forged construction.
 Suitable for box nuts and protruding nuts.
 Chrome plated finish with polished heads.
 Set of 8 wrenches Art. 909 GE. Dimensions: 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22mm and 2 sliding bars Art. 909 GL 1-2.
 In cardboard box.

909GS 8 Series **153,00**



909GS 8



3

DOUBLE ENDED SOCKET WRENCHES

Orig. Gedore - Art. 27

In CHROME VANADIUM steel.
 Chrome plated steel.
 Wide hexagonal openings for a better nut clamping.
 Heavy duty. Well suitable for truck wheel nuts.
 Without sliding bar.

Opening	mm	24x27	27x32	28x32	28x33	30x32	30x33	32x38
Opening	inch	15/16x1.1/16	-	1.3/32x1.1/4	-	1.3/16x1.1/4	-	1.1/4x1.1/2
Overall length	mm	400	400	400	400	400	400	400
909GSA	Each	52,50	53,10	54,20	32,50	54,20	54,20	54,10

Sizes mm 28x33 and 32x38 running out of stock.

Sliding bar length: 630mm, Ø 18mm (for all dimensions).

O909GSB Each **28,50**



909GSA



NUT DRIVERS WITH HANDLES

Prod. SCU

In CHROME VANADIUM steel pipe tubing. Chrome plated finish. Hexagonal sockets.
 Polypropylene handle, unbreakable. With hole for use with sliding bars.
 Blade length: approx. 120mm, handle length: approx. 115mm.

Mouth opening	mm	4	20
909GSE	Each	6,66	15,30

Product running out of stock.



909GSE



Professional type made of CHROME VANADIUM 31CrV3 steel. Matt chrome plated. Hexagonal profiles. Ergonomic QUATROLIT® plastic handle, with hang-up hole. 8 mm with hole for levers Art. 900 A 6 to 8.

Blade length 125 mm.

Mouth opening	mm	3	4	5	5,5	6	7	8	9
Bore for levers Ø	mm	-	-	-	-	6,2	6,2	6,2	6,2
Overall length	mm	220	220	220	220	220	220	220	220
909GSL	Each	19,90	20,30	20,80	21,10	21,60	22,10	22,40	24,00
Mouth opening	mm	10	11	12	13	14	15	16	17
Bore for levers Ø	mm	6,2	6,2	8,2	8,2	8,2	8,2	8,2	8,2
Overall length	mm	230	230	230	230	230	240	240	240
909GSL	Each	25,30	25,60	27,80	28,30	30,40	35,50	36,70	37,60



909GSL



NUT DRIVERS WITH HANDLES SETS

Prod. SCU

Product description as Art. 909GSL
 Set of 8 wrenches Art. 909 GSL mm 4 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10.
 In cardboard box.

909GSP Series **177,60**



909GSP





DOUBLE ENDED SOCKET WRENCHES

909T

SCU



Prod. SCU

Bent type. In steel tubing. Double ended, hexagonal. Nickel finish.

Without sliding bars.

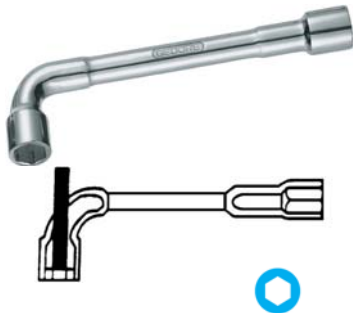
Opening	mm	6	7	8	9	10	11	12	13	14	15
Bore for levers Ø	mm	4,2	4,2	5,2	5,2	5,2	6,2	6,2	6,2	6,2	6,4
909T	Each	1,18	1,18	1,32	1,32	1,46	1,46	1,80	1,80	1,96	1,96
Opening	mm	16	17	18	19	20	21	22	23	24	
Bore for levers Ø	mm	6,9	7,2	7,2	7,2	7,2	7,2	7,2	10,2	9,2	
909T	Each	2,20	2,20	2,40	2,40	2,92	2,92	2,92	4,78	4,98	

For sliding bars see Art. 900 A. Due to wrench manufacturing process, the bar Ø could slightly vary.

DOUBLE ENDED SOCKET WRENCHES BEND TO 90°

909Z

GEDORE



Orig. Gedore - Art. 25 PK

Bent, heavy type with bore.

In CHROME VANADIUM steel.

Suitable for box nuts and protruding nuts. To be used also with extension tube to increase clamping strength.

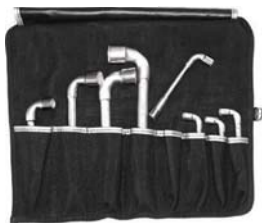
Bent head and straight head, hexagonal. Chrome plated finish.

Opening	mm	6	7	8	9	10	11	12	13
Overall length	mm	105	107	112	122	130	136	145	152
909Z	Each	6,44	6,46	5,88	5,74	5,74	6,48	7,60	7,90
Opening	mm	14	15	16	17	18	19	21	22
Overall length	mm	160	170	178	187	195	205	212	225
909Z	Each	8,56	9,68	11,60	12,10	12,40	13,50	17,10	17,10
Opening	mm	24	27	30	32	34	36		
Overall length	mm	250	280	310	330	340	355		
909Z	Each	22,50	29,10	38,40	38,40	43,40	48,30		

DOUBLE ENDED SOCKET WRENCHES BEND TO 90° SETS

909ZE

GEDORE



Orig. Gedore

Product description as Art. 909Z

Set of 8 wrenches Art. 909 Z 6 - 7 - 8 - 10 - 13 - 17 - 19 - 22mm.

In rolling tool bag Art. 2076 GB.

909ZE	Series	84,70
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909ZF

GEDORE



Product description as Art. 909Z

Set of 15 wrenches Art. 909 Z 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 22mm.

In rolling tool bag Art. 2076 GD.

909ZF	Series	154,18
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OFFSET SOCKET WRENCHES

910G

GEDORE



Orig. Gedore - Art. 25

With deep hexagonal opening.

In CHROME VANADIUM steel. Heavy-duty model.

Suitable also for box nuts and protruding nuts.

Chrome plated finish.

Opening	mm	10	13	17	19	22	24	27
Overall length	mm	160	200	250	280	315	345	380
910G	Each	20,10	21,20	26,60	32,30	40,90	46,70	54,40
Opening	mm	30	32*	36	46*	50*	55*	60*
Overall length	mm	420	450	500	630	630	670	670
910G	Each	70,50	72,40	113,00	170,00	209,00	236,00	289,00

* Sizes running out of stock.



Orig. Gedore - Art. 25 V

With deep square openings.
In CHROME VANADIUM steel. Sturdy head model.
Suitable also for box nuts and protruding nuts.

Opening	mm	8	9	10	12	13	14	17
Overall length	mm	150	160	175	215	230	240	280
911G	Each	19,50	22,50	22,60	22,90	23,80	25,10	35,90

GEDORE

911G



OFFSET SOCKET WRENCHES

Prod. SCU

According to DIN 248.
In special forged and hardened steel.
Burnished finish.

Opening	mm	8	10	12	13	14	17	19	22	24
Overall length	mm	160	195	235	250	270	315	345	385	415
911GL	Each	47,70	50,50	53,80	62,30	62,50	93,20	102,00	139,00	147,00

SCU

911GL



SQUARE SOCKET WRENCHES

Prod. SCU

According to DIN 7417.
Short pattern with ring-shaped handle.
Zinc die casting. Nickel finish.

Opening	mm	6	7	8	10	12
Overall length	mm	52	52	58	64	65
911GM	Each	4,96	4,96	4,96	15,10	8,40

Size mm 12 running out of stock.

SCU

911GM



OFFET CROSS SOCKET WRENCHES

Prod. SCU

According to DIN 6368.
In special steel, hardened.
Burnished finish.
Suitable for cross-head screws DIN 6367 installed on cutter spindles.

Size		16	22	27	32
For threaded screws	M.	8	10	12	16
Overall length	mm	180	200	225	250
911GP	Each	23,10	28,10	34,10	46,30

SCU

911GP



SQUARE SOCKET WRENCHES, MALES

Prod. SCU

According to DIN 905.
In special steel, hardened.
Burnished finish.

Square side	mm	4	5	6	7	8	9	10
Overall height	mm	60	60	80	80	80	80	100
911GS	Each	27,80	26,30	27,30	31,60	29,90	31,80	37,10
Square side	mm	11	12	13	14	17	19	22
Overall height	mm	100	100	100	120	160	200	200
911GS	Each	37,80	40,80	44,60	49,80	83,40	99,10	191,00

For "T"-type with female square outlet, see Art. 919 L.

SCU

911GS



TRIANGULAR SOCKET WRENCHES

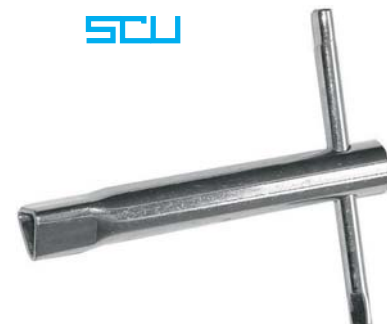
Prod. SCU

According to DIN 22417.
T-model. Triangular socket. In drawn steel tubing. With sliding bar.
Zinc finish.

For screws	M.	4	5	6	8	10	12	16
Approx opening	mm	8	9	10	13	17	19	22
Overall length	mm	90	100	112	125	140	160	170
911Z	Each	6,60	7,98	8,50	9,30	11,50	12,60	18,40

SCU

911Z





SOCKET HEAD SCREW WRENCHES

912E
new

SCU



Prod. SCU
In CHROME VANADIUM steel.
For XZN screws. Nickel-plated version.

For screws	M	4	5	6	8	10	12	14	16
Overall length	mm	67	75	86	98	110	124	139	156
912E	Each	2,64	2,90	3,26	4,10	6,30	7,36	9,26	13,30

912G

GEDORE



Orig. Gedore - Art. 42 X
In CHROME VANADIUM steel.
For XZN screws. Chrome plated finish.

For screws	M	4	5	6	8	10	12	14	16	18
Overall length	mm	63	75	86	98	110	115	139	156	178
912G	Each	5,32	6,18	7,24	9,22	13,10	14,80	21,10	32,10	41,60

T-wrenches for XZN screws: see Witte range of products.

912GB

GEDORE



Orig. Gedore - Art. 43
For RIBE screws. Chrome plated finish.

For screws	M	5	6	8	10	12	14
Overall length	mm	71	80	90	100	112	125
912GB	Each	6,58	7,64	10,10	14,10	15,90	22,70

912GP

SCU



Prod. SCU
For TORX screws. Sandblasted finish.

For TORX screws	T	6	7	8	9	10	15	20	25
For threads	M.	2	2,5	2,5	3	3-3,5	3,5-4	4-5	4,5-5
Seal	mm	1,7	1,99	2,31	2,50	2,74	3,27	3,86	4,43
Overall length	mm	44	50	51	51	54	57	61	64
912GP	Each	2,74	2,74	2,74	2,00	2,00	2,10	2,20	2,42
For TORX screws	T	27	30	40	45	50	55	60	
For threads	M.	4,5-5-6	6-7	7-8	8-10	10	12	14	
Seal	mm	4,99	5,52	6,65	7,82	8,83	11,22	13,25	
Overall length	mm	69	76	83	91	104	120	134	
912GP	Each	2,62	2,94	3,36	3,78	4,60	6,48	8,90	

912GS

GEDORE



Orig. Gedore - Art. 43 TX
For TORX screws. Chrome plated finish.

For TORX screws	T	6	7	8	9	10	15	20	25
For threads	M.	2	2,5	2,5	3	3-3,5	3,5-4	4-5	4,5-5
Seal	mm	1,7	1,99	2,31	2,50	2,74	3,27	3,86	4,43
Overall length	mm	42	48	48	48	51	54	57	60
912GS	Each	7,28	7,28	7,28	7,34	7,56	7,68	8,40	8,80
For TORX screws	T	27	30	40	45	50	55	60	
For threads	M.	4,5-5-6	6-7	7-8	8-10	10	12	14	
Seal	mm	4,99	5,52	6,65	7,82	8,83	11,22	13,25	
Overall length	mm	64	70	76	83	95	108	120	
912GS	Each	9,46	9,46	11,10	12,70	14,10	20,20	25,70	

912GS 1

SCU



Prod. SCU
Long pattern.
For TORX screws. Chrome plated finish.

For TORX screws	T	6	7	8	9	10	15	20
For threads	M.	2	2,5	2,5	3	3-3,5	3,5-4	4-5
Seal	mm	1,7	1,99	2,31	2,50	2,74	3,27	3,86
Overall length	mm	80	88	101	111	121	136	148
912GS 1	Each	3,46	3,46	3,46	3,46	3,68	3,88	4,10
For TORX screws	T	25	27	30	40	45	50	
For threads	M.	4,5-5	4,5-5-6	6-7	7-8	8-10	10	
Seal	mm	4,43	4,99	5,52	6,65	7,82	8,83	
Overall length	mm	163	170	178	188	195	200	
912GS 1	Each	4,18	4,50	4,82	5,54	6,60	7,54	



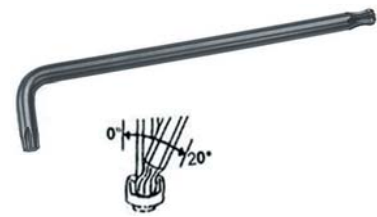
For TORX screws. Sandblasted finish.

Combination model with a spherical head giving a working angle up to 20° and a head to perform normal working tasks.

For TORX screws	T	9	10	15	20	25	27	30
For threads	M.	3	3-3,5	3,5-4	4-5	4,5-5	4,5-5-6	6-7
Seal	mm	2,50	2,74	3,27	3,86	4,43	4,99	5,52
Overall length	mm	67	76	86	98	100	111	125
912GSA	Each	4,82	5,24	5,46	5,66	5,96	6,28	6,40

For TORX screws	T	40	45	50	55	60
For threads	M.	7-8	8-10	10	12	14
Seal	mm	6,65	7,82	8,83	11,22	13,25
Overall length	mm	139	145	149	157	167
912GSA	Each	7,98	8,58	9,42	12,80	16,20

SCU **TORX®** **912GSA**



3

For TORX screw with hole (Tamper-TORX). Sandblasted finish.

For TORX screws	T	9	10	15	20	25	27	30	40
For threads	M.	3	3-3,5	3,5-4	4-5	4,5-5	4,5-5-6	6-7	7-8
Seal	mm	2,50	2,74	3,27	3,86	4,43	4,99	5,52	6,65
Overall length	mm	59	65	76	87	98	106	111	119
912GSE	Each	3,68	3,68	3,78	3,78	3,98	4,10	4,14	4,50

SCU **TORX®** **912GSE**



SOCKET HEAD SCREW WRENCHES SETS

Prod. SCU

Set of 8 pcs. Art. 912 E from M4 - M5 - M6 - M8 - M10 - M12 - M14 - M16.
In a plastic bag.

912GSP Series **50,60**

SCU **TORX®** **912GSP**
new



Orig. Gedore - Art. 43 TX

Set of 9 pcs. Art. 912 GS T7 - T8 - T9 - T10 - T15 - T20 - T25 - T30 - T40.
In plastic bag.

912GT Series **78,30**

GEDORE **TORX®** **912GT**



Prod. SCU

Set of 8 pcs. Art. 912 GP T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
In plastic wallet.

912GT 8 Series **25,30**

SCU **TORX®** **912GT 8**



Set of 8 pcs. Art. 912 GSE T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
In plastic wallet.

912GT 9 Series **29,40**

SCU **TORX®** **912GT 9**





912GT 12 GEDORE



Orig. Gedore - Art. H43 TX

Set of 9 pcs. Art. 912 GS T7 - T8 - T9 - T10 - T15 - T20 - T25 - T30 - T40.
In plastic holder.



912GT 12 Series **79,60**

912GT 15 SCU



Prod. SCU

Set of 8 pcs. Art. 912 GP T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
In plastic holder.



912GT 15 Series **25,10**

912GT 16 SCU



Set of 9 pcs. Art. 912 GS 1 T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50.
In plastic holder.

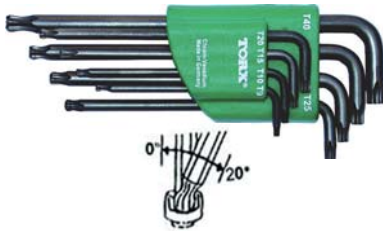


912GT 16 Series **48,80**

912GT 17 SCU



Set of 8 pcs. Art. 912 GSA T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
In plastic holder.



912GT 17 Series **51,10**

912GT 18 SCU



Set of 8 pcs. Art. 912 GSE T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
In plastic holder.



912GT 18 Series **35,40**

912GT 20 SCU



Set of 8 pcs. Art. 912 GP T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
In ring holder-



912GT 20 Series **24,20**

3



CHROME VANADIUM steel blades. With dual component pocket holder.
Set of 8 sandblasted blades T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.

For TORX screws.

912GU Series **23,20**



Product description as Art. 912GU

For TORX screws with hole (Tamper-TORX).

912GVE Series **27,40**



SOCKET HEAD SCREW WRENCHES

Prod. SCU

In CHROME VANADIUM steel. For TORX screws.

Plastic side handgrip, sandblasted blade. Particularly suited to screws of tool Multiplex bits and hard metal inserts.

For TORX screws	T	5	6	7	8	9	10	15	20
For threads	M.	1,8	2	2,5	2,5	3	3-3,5	3,5-4	4-5
Seal	mm	1,42	1,7	1,99	2,31	2,50	2,74	3,27	3,86
Overall length	mm	68	68	68	73	73	73	79	79
912GZ	Each	3,88	3,88	3,88	3,88	3,56	3,56	3,78	3,98



In CHROME-VANADIUM steel. For TORX PLUS® screw attachments.

Plastic handle, sandblasted blade. Particularly suitable for carbide tipped screws.

For TORX PLUS® screws	IP	5	6	7	8	9	10	15	20
For threads	M.	1,8	2	2,5	2,5	3	3-3,5	3,5-4	4-5
Seal	mm	1,42	1,7	1,99	2,31	2,50	2,74	3,27	3,86
Overall length	mm	68	68	68	73	73	73	79	79
912GZE	Each	5,86	5,86	5,86	5,86	5,34	5,34	5,66	5,96



In CHROME VANADIUM steel.

For TORX screws.

Screwdriver grip in bicomponent material with hang-up hole, chrome plated blade, burnished tip.

For TORX screws	T	6	7	8	9	10	15	20
For threads	M.	2	2,5	2,5	3	3-3,5	3,5-4	4-5
Seal	mm	1,7	1,99	2,31	2,50	2,74	3,27	3,86
Overall length	mm	140	140	150	150	170	170	200
912GZF	Each	5,86	5,86	5,86	5,66	5,96	6,08	6,18

For TORX screws	T	25	27	30	40	45
For threads	M.	4,5-5	4,5-5-6	6-7	7-8	8-10
Seal	mm	4,43	4,99	5,52	6,65	7,82
Overall length	mm	200	225	225	240	250
912GZF	Each	6,28	6,60	6,92	7,66	9,42



When stocks are depleted, we will provide keys with handles in different form.

In CHROME-VANADIUM steel.

For TORX screw attachments.

"T" shaped handle with hole, chrome plated and burnished blade.

For TORX screws	T	8	9	10	15	20	25	27
For threads	M.	2,5	3	3-3,5	3,5-4	4-5	4,5-5	4,5-5-6
Seal	mm	2,31	2,50	2,74	3,27	3,86	4,43	4,99
Overall length	mm	125	125	125	125	132	132	132
912GZR	Each	7,12	6,70	6,80	6,92	7,12	7,34	7,54

For TORX screws	T	30	40	45	50	55	60
For threads	M.	6-7	7-8	8-10	10	12	14
Seal	mm	5,52	6,65	7,82	8,83	11,22	13,25
Overall length	mm	132	132	189	189	189	189
912GZR	Each	7,54	8,18	9,96	11,60	13,90	16,60



When stocks are depleted, we will provide keys with handles in different form.



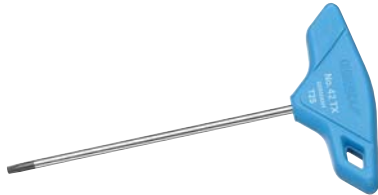
912GZS



In CHROME-VANADIUM steel. For TORX PLUS® screw attachments.
T shaped handle with hole, chrome plated and burnished blade.

For TORX PLUS® screws	IP	9	10	15	20	25	27	30	40
For threads	M.	3	3-3,5	3,5-4	4-5	4,5-5	4,5-5-6	6-7	7-8
Seal	mm	2,50	2,74	3,27	3,86	4,43	4,99	5,52	6,65
Overall length	mm	125	125	125	132	182	182	182	182
912GZS	Each	10,10	10,30	10,40	10,70	11,10	11,30	11,30	12,30

913G



Orig. Gedore - Art. 42 TX/2142 TX

In CHROME VANADIUM steel.

For TORX screws.

T-handle with hang-up hole, chrome plated blade, burnished tip.

For TORX screws	T	5	6	7	8	9	10	15
For threads	M.	1,8	2	2,5	2,5	3	3-3,5	3,5-4
Seal	mm	1,42	1,70	1,99	2,31	2,50	2,74	3,27
Overall length	mm	110	110	110	127	127	127	147
913G	Each	9,46	9,46	9,46	9,46	10,60	10,60	10,60

For TORX screws	T	20	25	27	30	40	45	50
For threads	M.	4-5	4,5-5	4,5-5-6	6-7	7-8	8-10	10
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
Overall length	mm	152	177	177	188	213	213	238
913G	Each	10,60	11,70	11,70	12,40	15,10	18,40	21,60

When stocks will be run out, the wrenches will be supplied with handles in bi-component material with hole.

913GD



Prod. SCU

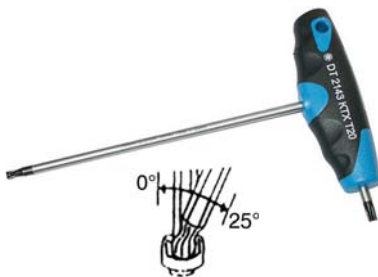
In special steel. For TORX screws.

Double headed model. Bicomponent T-handle (excluded sizes T 45/50) with hang-up hole, nickel-plated blade.

For TORX screws	T	9	10	15	20	25	27	30
For threads	M.	3	3-3,5	3,5-4	4-5	4,5-5	4,5-5-6	6-7
Seal	mm	2,50	2,74	3,27	3,86	4,43	4,99	5,52
Overall length	mm	151	151	151	185	185	185	185
913GD	Each	7,96	7,96	8,06	8,28	8,48	8,68	8,68

For TORX screws	T	40	45	50
For threads	M.	7-8	8-10	10
Seal	mm	6,65	7,82	8,83
Overall length	mm	218	240	240
913GD	Each	9,32	13,30	14,30

913GD 3



Orig. Gedore - Art. DT 43 KTX

In CHROME-VANADIUM steel. For TORX screw attachments.

Model combined with ball end which can be tilted at up to 25°, while the other end can be used for routine operations. T shaped handle with hole, chrome plated and burnished blade.

For TORX screws	T	10	15	20	25	27	30	40
For threads	M.	3-3,5	3,5-4	4-5	4,5-5	4,5-5-6	6-7	7-8
Seal	mm	2,74	3,27	3,86	4,43	4,99	5,52	6,65
Overall length	mm	152	152	152	177	177	188	213
913GD 3	Each	20,10	22,10	22,10	25,70	25,70	25,70	25,80

913GDA



Orig. Gedore - Art. ITX 34

In CHROME-MOLYBDENUM steel.

Double end Torx sviwel sockets with holes for use as a lever.

Chrome plated finish, phosphated heads.

For TORX screws	T	15x20	25x27	30x40	45x50	55x60
For threads	M.	3,5-4/4-5	4,5-5/4,5-5-6	6-7/7-8	8-10/10	12/14
Seal	mm	3,27/3,86	4,43/4,99	5,52/6,65	7,82/8,83	11,22/13,25
Overall length	mm	205	208	210	244	280
913GDA	Each	56,50	56,50	56,50	56,50	75,80

Product running out of stock.



Prod. SCU

In CHROME VANADIUM steel.

For TORX screws with hole (Tamper-Torx).

Screwdriver grip in bicomponent material (excluded size T 45) with hang-up hole, chrome plated blade, burnished tip.

For TORX screws	T	9	10	15	20	25	27	30
For threads	M.	3	3-3,5	3,5-4	4-5	4,5-5	4,5-5-6	6-7
Seal	mm	2,50	2,74	3,27	3,86	4,43	4,99	5,52
Overall length	mm	150	170	170	200	200	215	225
913GDB	Each	6,40	6,60	6,70	6,80	6,92	7,22	7,44
For TORX screws	T	40	45					
For threads	M.	7-8	8-10					
Seal	mm	6,65	7,82					
Overall length	mm	240	240					
913GDB	Each	8,18	19,50					



When stocks are depleted, we will provide keys with handles in different form.

SOCKET HEAD SCREW WRENCHES SETS

Prod. SCU

In special steel. For TORX screws.

Double headed model. Bicomponent T-handle with hang-up hole, nickel-plated blade.

Set of 8 wrenches Art. 913 GD T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.

In rolling tool bag Art. 2076 GBB.

913GDL	Series	77,40
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Product description as Art. 913GDL

Set of 8 wrenches Art. 913 GD by T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.

With metal support, for workbench.

913GDP	Series	85,70
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Orig. Gedore - Art. DT 2143 KTX-007

In CHROME-VANADIUM steel. For TORX screws.

Type combined with a ball end for inclined use up to 25 °, the other end for normal use. "T" handle in bicomponent material with hole, chrome blade, burnished tip.

Set of 7 keys Art. 913 GD 3 from T10 - T15 - T20 - T25 - T27 - T30 - T40.

In pack.

913GDT	Series	167,00
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ALLEN HEAD SCREW WRENCHES

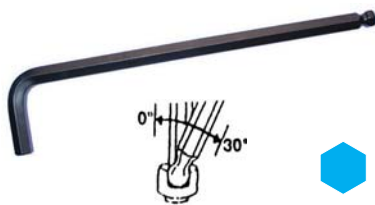
913GE SCU



Prod. SCU
In CHROME VANADIUM steel.
Model with 1 spherical head for working angles up to 30° and 1 head to perform normal working tasks.
Hexagonal heads in millimeters and US inch sizes.

Hexagon	mm	1,5	2	2,5	3	4	5
Overall length	mm	81	87	92	103	114	133
913GE	Each	1,08	1,10	1,18	1,24	1,64	1,88
Hexagon	mm	6	8	10	12	14	17
Overall length	mm	156	178	200	226	290	330
913GE	Each	2,42	3,94	5,46	8,98	18,60	32,40
Hexagon	inch	1/20	1/16	5/64	3/32	7/64	1/8
Overall length	mm	75	81	87	92	94	103
913GE	Each	1,06	1,08	1,10	1,18	1,20	1,24
Hexagon	inch	9/64	5/32	3/16	7/32	1/4	5/16
Overall length	mm	107	114	133	142	156	178
913GE	Each	1,44	1,64	1,88	2,14	2,42	3,94

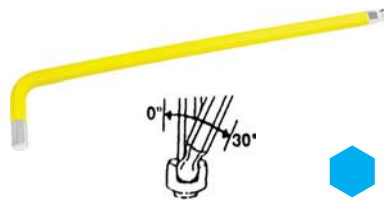
913GF SCU



Long patter.
In CHROME-VANADIUM steel.
Model with 1 spherical head for working angles up to 30° and 1 head to perform normal working tasks.
Hexagonal heads in millimeters.

Hexagon	mm	1,5	2	2,5	3	4	5
Overall length	mm	91	102	114	129	144	165
913GF	Each	1,26	1,26	1,36	1,44	1,90	2,20
Hexagon	mm	6	7	8	10	12	
Overall length	mm	186	197	208	234	262	
913GF	Each	2,84	4,30	4,50	6,24	9,98	

913GF 1 SCU
new



Long type with different color for each size, for easy detection.
CHROME-VANADIUM steel.
With a ball end for inclined use up to 30°, the other end for normal use.
Hexagonal heads in millimeters.

Hexagon	mm	1,5	2	2,5	3	4
Overall length	mm	91	102	114	129	144
Colour		red	viola	blue	light blue	dark green
913GF 1	Each	2,24	2,28	2,48	2,60	3,56
Hexagon	mm	5	6	8	10	
Overall length	mm	165	186	208	234	
Colour		light green	yellow	orange	dark orange	
913GF 1	Each	4,36	5,62	9,08	12,50	

ALLEN HEAD SCREW WRENCHES SETS

913GF 9 SCU



Prod. SCU
Set of 9 pcs. Art. 913 GE. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in a plastic holder.

913GF 9	Series	24,30
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913GFA SCU



Set of 9 pcs. Art. 913 GF. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in a plastic holder

913GFA	Series	27,60
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Prices in EURO . VAT not included



Series of 9 pcs. Art. 913 GF 1 mm 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10.
In plastic holder.

913GFE Series **49,40**



Type with MAGNETIC SPHERE for screw tightness. CHROME-VANADIUM steel. With a ball end for inclined use up to 30°, the other end for normal use. Chromed execution. Hexagons in millimeters.

Series of 9 pcs. mm 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10.
In plastic holder.

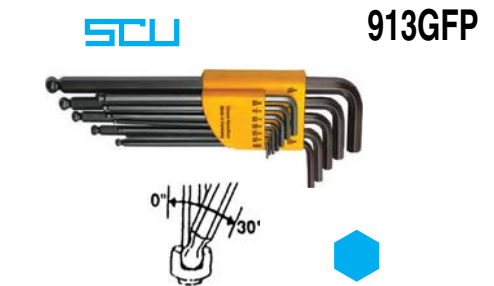
913GFH Series **43,90**

Single measures not available.



Set of 12 pcs Art. 913 GE
inch 1/20 - 1/16 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16.
Supplied in a plastic holder.

913GFP Series **25,10**



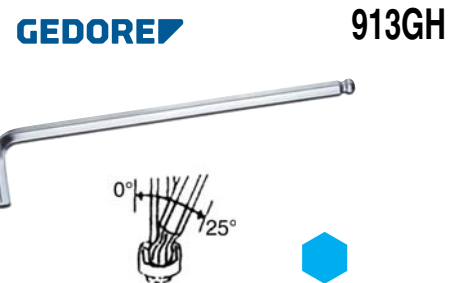
ALLEN HEAD SCREW WRENCHES

Orig. Gedore - Art. 42 KEL

LONG type. In CHROME-VANADIUM steel.

With spherical head giving a working angle of up to 25° and a head to perform normal tasks.
Chrome finish.

Hexagon	mm	1,5	2	2,5	3	4	5	6
Overall length	mm	92	102	114,5	129	144	165	186
913GH	Each	4,38	4,38	4,38	4,38	5,14	5,78	7,20
Hexagon	mm	7	8	10	12			
Overall length	mm	195	208	234	262			
913GH	Each	10,50	10,50	13,60	17,40			

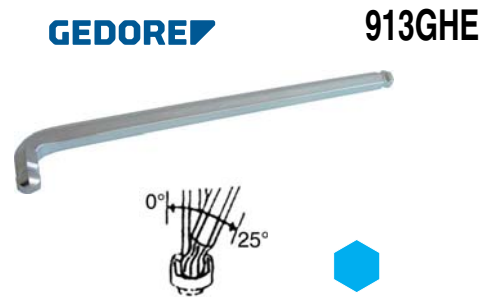


Orig. Gedore - Art. 42 DKEL

LONG type. In CHROME-VANADIUM steel.

With double ball end for inclined use up to 25° on both sides. Galvanised finish.

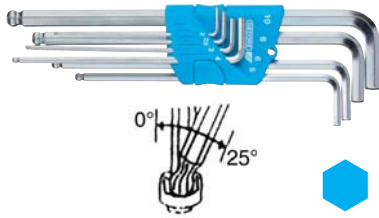
Hexagon	mm	1,5	2	2,5	3	4	5	6
Overall length	mm	89	102	115	129	144	165	186
913GHE	Each	5,40	5,40	5,40	5,40	6,32	7,10	8,82
Hexagon	mm	7	8	10				
Overall length	mm	197	205	227				
913GHE	Each	12,80	12,80	16,70				





ALLEN HEAD SCREW WRENCHES SETS

913GI GEDORE



Orig. Gedore - Art. H42 KEL-88

Set of 8 pcs. Art. 913 GH. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in a plastic holder.

913GI	Series	59,80
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913GIE GEDORE



Orig. Gedore - Art. H42 DKEL-88

Set of 8 pcs. Art. 913 GHE mm 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10.
In plastic holder.

913GIE	Series	71,80
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913GL SCU



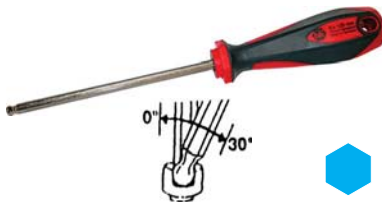
Prod. SCU

CHROME-VANADIUM steel blades. With pocket holder in dual component material.
Set of 7 sandblasted blades. Dimensions: 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.

913GL	Series	27,90
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ALLEN HEAD SCREW WRENCHES

913GM SCU

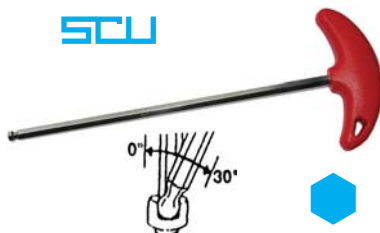


Prod. SCU

In CHROME VANADIUM steel.
Model with a spherical head giving a working angle up to 30°.
Screwdriver grip in dual component material. Hang-up hole, Nickel finish.

Hexagon	mm	2	2,5	3	4	5	6	8	10
Overall length	mm	190	190	190	200	200	235	260	270
913GM	Each	4,52	4,60	4,72	5,02	5,66	6,60	8,80	11,80

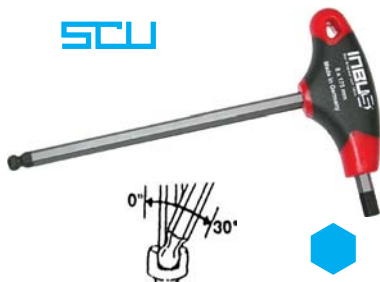
913GP SCU



Model with spherical head giving a working angle up to 30°.
"T" handle with hang-up hole. CHROME VANADIUM nickel finish.

Hexagon	mm	3	4	5	6	8	10
Overall length	mm	125	175	182	232	232	239
913GP	Each	3,78	4,82	5,36	6,30	8,48	14,10

913GR SCU



In CHROME VANADIUM steel.
Model with a spherical head giving a working angle up to 30° and a head to perform normal working tasks.

Hexagon	mm	3	4	5	6	8	10
Overall length	mm	151	151	184	184	218	218
913GR	Each	6,24	6,76	7,38	8,16	9,82	15,70



Orig. Gedore - Art. DT 2142

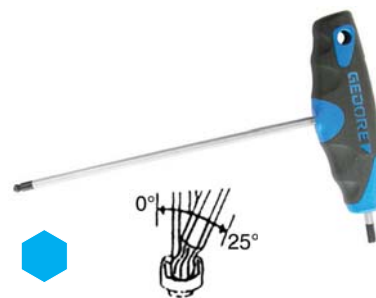
In CHROME VANADIUM steel.

Model with a spherical head giving a working angle up to 25° and a head to perform normal working tasks.

Hexagon	mm	2	2,5	3	4	5	6	7	
Overall length	mm	152	152	152	152	177	188	213	
913GS	Each	9,52	9,74	10,20	11,20	11,80	15,10	14,10	
Hexagon	mm	8	10						
Overall length	mm	213	238						
913GS	Each	15,50	24,70						

GEDORE

913GS



3

ALLEN HEAD SCREW WRENCHES SETS

Prod. SCU

In CHROME VANADIUM steel.

Model with a spherical head giving a working angle up to 30° and a head to perform normal working tasks.

Set of 6 wrenches Art. 913 GR 3 - 4 - 5 - 6 - 8 - 10mm.

In rolling tool bag Art. 2076 GB.

913GT	Series	63,64
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SCU

913GT



Product description as Art. 913GT

Set of 7 wrenches Art. 913 GR 3 - 4 - 5 - 6 - 8mm and Art. 915 GC 2 - 2.5mm.

With metal support, for workbench.

913GV	Series	68,60
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Size mm 2 and 2,5 have both the extremity for normal use (Art. 915 GC).

SCU

913GV



Orig. Gedore - Art. DT 2142-008

Product description as Art. 913GT

Set of 8 wrenches Art. 913 GS from 2 mm - 2.5 - 3 - 4 - 5 - 6 - 8 - 10.

In pack.

913GVP	Series	108,00
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GEDORE

913GVP
new





913GZ

SCU



ALLEN HEAD WRENCHES WITH HOLES

Prod. SCU

In CHROME VANADIUM steel DIN 6911, burnished finish.
For Allen screws and hole for pin DIN 6912.

Hexagon	mm	3	4	5	6	8	10	12	
Overall length	mm	63	71	80	90	100	112	125	
913GZ	Each	0,66	0,74	0,80	1,00	1,60	2,40	4,00	
Hexagon	mm	14	17						
Overall length	mm	140	160						
913GZ	Each	6,80	13,10						

ALLEN HEAD WRENCHES WITH SECURITY PINS

913GZA

SCU



Prod. SCU

In CHROME VANADIUM steel, zinc finish.
For Allen screws and security pin.

Hexagon	mm	2,5	3	4	5	6	8
Overall length	mm	58	66	74	85	96	108
913GZA	Each	2,00	2,42	2,52	2,74	2,94	3,46

ALLEN HEAD SCREW WRENCHES

914

SCU



Prod. SCU

In special steel, chromated finish. First quality with rounded off head for a perfect fit with the screw.

Hexagon	mm	1,5	2	2,5	3	3,5	4	5	5,5
Overall length	mm	46	52	58	66	69	74	85	90
For screws Ø	mm	2	2,5	3	4	-	5	6	-
914	Each	0,12	0,14	0,16	0,16	0,20	0,22	0,32	0,46
Hexagon	mm	6	7	8	9	10	12	14	17
Overall length	mm	96	102	108	114	112	125	140	160
For screws Ø	mm	8	9	10	-	12	14	16-18	20-22
914	Each	0,52	0,84	1,06	1,52	1,86	2,58	4,02	6,72
Hexagon	mm	19	22	24	27	30	32	36	
Overall length	mm	180	200	224	250	280	315	355	
For screws Ø	mm	24-27	30	33	36	-	42	48	
914	Each	9,70	16,10	20,60	28,70	41,90	51,60	76,20	

914G

GEDORE



Orig. Gedore - Art. 42

In CHROME VANADIUM steel, chrome plated finish DIN ISO 2936. Rounded off heads for a perfect fit with the screw.

Hexagon	mm	0,7	0,9	1,3	1,5	2	2,5	3	
Overall length	mm	33	33	41	46,5	52	58,5	66	
For screws Ø	mm	-	-	-	2	2,5	3	4	
914G	Each	1,00	0,98	0,82	0,82	0,82	0,84	1,24	
Hexagon	mm	4	5	5,5	6	7	8	9	
Overall length	mm	74	85	85	96	102	108	114	
For screws Ø	mm	5	6	-	8	9	10	11	
914G	Each	1,66	1,66	1,94	1,74	2,26	2,82	3,50	
Hexagon	mm	10	12	14	17	19	22	24	
Overall length	mm	122	137	154	177	199	222	248	
For screws Ø	mm	12	14	16-18	20-22	24-27	30	33	
914G	Each	4,42	6,50	12,30	18,20	21,50	31,30	38,70	
Hexagon	mm	27	30	32					
Overall length	mm	277	315	347					
For screws Ø	mm	36	-	48					
914G	Each	54,20	84,60	119,00					



Product description as Art. 914G
Hexagonal heads in US inch sizes.

Hexagon	inch	3/64	1/16	5/64	3/32	1/8	5/32	3/16	7/32
Hexagon	mm	1,19	1,59	2	2,38	3,17	3,97	4,76	5,5
914GA	Each	0,78	0,78	0,82	0,82	0,96	1,50	1,90	1,94
Hexagon	inch	1/4	5/16	3/8	1/2	9/16	5/8	3/4	
Hexagon	mm	6,35	7,94	9,52	12,7	14,29	15,87	19,05	
914GA	Each	1,90	2,56	3,92	7,00	11,90	14,40	21,70	

GEDORE

914GA



3

Prod. SCU

In special steel, chromated finish. Fine quality with rounded off head for a perfect fit with the screw.

Hexagonal heads in US inch sizes.

Hexagon	inch	3/64	0.05	1/16	5/64	3/32	1/8	5/32
Hexagon	mm	1,19	1,27	1,59	1,98	2,38	3,18	3,97
914GAP	Each	0,12	0,12	0,12	0,14	0,14	0,18	0,32
Hexagon	inch	3/16	7/32	1/4	5/16	3/8	1/2	9/16
Hexagon	mm	4,76	5,56	6,35	7,94	9,53	12,7	14,29
914GAP	Each	0,34	0,46	0,58	1,16	2,00	3,64	4,34
Hexagon	inch	5/8	3/4	1				
Hexagon	mm	15,88	19,05	25,4				
914GAP	Each	6,28	10,80	29,50				

SCU

914GAP



Orig. Gedore - Art. 42EL

Extra-long model.

In CHROME VANADIUM steel, chrome plated finish DIN ISO 2936. Rounded off heads for a perfect fit with the screw.

Hexagon	mm	2	2,5	3	4	5	6	8
Overall length	mm	102	114,5	129	144	165	186	208
For screws Ø	mm	2,5	3	4	5	6	8	10
914GB	Each	1,82	1,82	2,30	2,64	3,46	4,38	6,30
Hexagon	mm	10	12	14				
Overall length	mm	234	262	294				
For screws Ø	mm	12	14	16-18				
914GB	Each	11,10	15,20	22,50				

GEDORE

914GB



Prod. SCU

Extra-long model.

In special steel, chromated finish. Fine quality with rounded off heads for a perfect fit with the screw.

Hexagon	mm	1,5	2	2,5	3	4	5	6
Overall length	mm	91	102	114	129	144	165	186
For screws Ø	mm	2	2,5	3	4	5	6	8
914GBA	Each	0,24	0,22	0,24	0,30	0,48	0,88	1,16
Hexagon	mm	8	10	12	14	17	19	
Overall length	mm	208	234	262	294	337	379	
For screws Ø	mm	10	12	14	16-18	20-22	24-27	
914GBA	Each	2,06	3,36	5,04	8,10	14,30	18,10	

SCU

914GBA



Product description as Art. 914GBA

Hexagonal heads in US inch sizes.

Hexagon	inch	1/16	5/64	3/32	1/8	9/64	5/32	3/16
Overall length	mm	92	102	114	129	136	144	165
914GBP	Each	0,22	0,22	0,24	0,30	0,48	0,48	0,88
Hexagon	inch	7/32	1/4	9/32	5/16	11/32	3/8	7/16
Overall length	mm	160	186	190	208	210	234	236
914GBP	Each	0,96	1,16	1,42	2,06	2,62	3,36	4,00
Hexagon	inch	1/2	9/16	5/8	3/4			
Overall length	mm	293	294	290	360			
914GBP	Each	6,14	8,10	13,10	18,10			

SCU

914GBP





ALLEN HEAD SCREW WRENCHES SETS

914GC 7

SCU



914GC 9

914GC 11

914GC 11P

914GC 14



Prod. SCU

Set of 7 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6mm.
Supplied in plastic bag.

914GC 7 Series 3,10

Set of 9 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in plastic bag.

914GC 9 Series 6,54

Set of 11 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 5.5 - 6 - 7 - 8 - 10mm.
Supplied in plastic bag.

914GC 11 Series 7,84

Set of 11 pcs. Art. 914 GAP.

Inch sizes: 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 9/32 - 5/16 - 3/8.
Supplied in plastic bag.

914GC 11P Series 8,70

Set of 14 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 - 17 - 19 - 22mm.
Supplied in plastic bag.

914GC 14 Series 70,20

914GD 7

GEDORE



914GD 8

914GD 9

914GD 10

914GF 7

914GF 9



Orig. Gedore - Art. 42-07

Set of 7 pcs. Art. 914 G. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 8mm.
Supplied in plastic bag.

914GD 7 Series 12,70

Orig. Gedore - Art. 42-08

Set of 8 pcs Art. 914 G. Dimensions: 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14mm.
Supplied in plastic bag.

914GD 8 Series 38,10

Orig. Gedore - Art. 42-09

Set of 9 pcs. Art. 914 G. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10mm.
Supplied in plastic bag.

914GD 9 Series 20,10

Orig. Gedore - Art. 42-010

Set of 10 pcs. Art. 914 G. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10mm.
Supplied in plastic bag.

914GD 10 Series 23,60

Orig. Gedore - Art. 42-07A

Set of 7 pcs. Art. 914 GA. Inch sizes: 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4.
Supplied in plastic bag.

914GF 7 Series 11,80

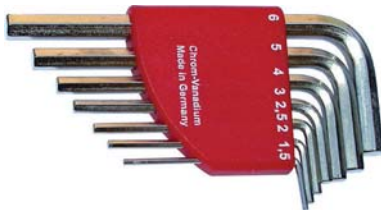
Orig. Gedore - Art. 42-09A

Set of 9 pcs. Art. 914 GA. Inch sizes: 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8.
Supplied in plastic bag.

914GF 9 Series 19,10

914GF 70

SCU



Prod. SCU

Set of 7 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6mm.
Supplied in a plastic holder.

914GF 70 Series 5,38

914GFA

SCU



Set of 9 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in a plastic holder.

914GFA Series 9,76



Set of 10 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 - 12mm.
Supplied in a plastic holder.

914GFB Series **15,30**



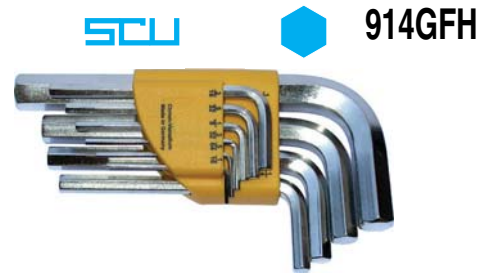
Set of 9 pcs Art. 914 GAP. Inch sizes: 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 1/4 - 5/16 - 3/8.
Supplied in a plastic holder.

914GFE Series **10,30**



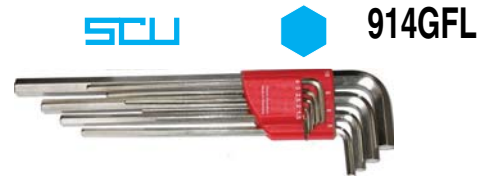
Set of 10 pcs. Art. 914 GAP. Inch sizes: 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 1/4 - 5/16 - 3/8-1/2.
Supplied in a plastic holder.

914GFH Series **15,30**



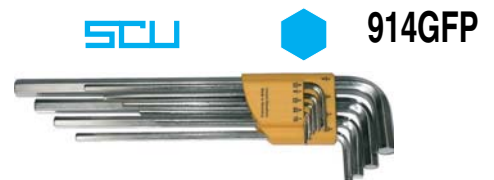
Set of 9 pcs. Art. 914 GBA. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in a plastic holder.

914GFL Series **18,80**



Set of 9 pcs. Art. 914 GBP. Inch sizes: 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 1/4 - 5/16 - 3/8.
Supplied in a plastic holder.

914GFP Series **17,50**



Orig. Gedore - Art. PH 42-88

Set of 8 pcs. Art. 914 G. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm. Supplied in a plastic holder.

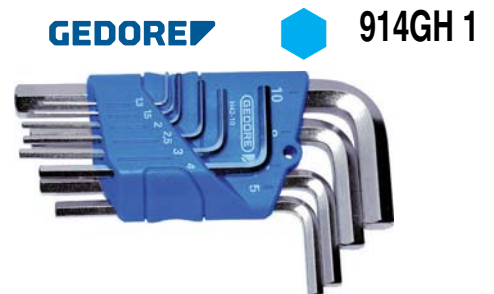
914GH Series **18,10**



Orig. Gedore - Art. H 42-10

Set of 10 pcs. Art. 914 G. Dimensions: 1.3 - 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in a plastic holder.

914GH 1 Series **20,40**



3

**914GH 2 GEDORE****Orig. Gedore - Art. H42-88A**

Set of 8 pcs. Art. 914 GA. Inch sizes: 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16.
Supplied in a plastic holder.

914GH 2 Series **16,20**

914GH 3 GEDORE**Orig. Gedore - Art. H 42 EL-88**

Set of 8 pcs. Art. 914 GB. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in a plastic holder.

914GH 3 Series **37,90**

**914GL
914GM 8 GEDORE****Orig. Gedore - Art. S 42-07**

Set of 7 pcs. Art. 914 G. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 8mm.
With ring holder.

914GL Series **14,50**

Prod. SCU

Set of 8 pcs. Art. 914. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
With ring holder.

914GM 8 Series **4,76**

914GMP SCU

Set of 8 pcs. Art. 914 GAP. Inch sizes: 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 1/4 - 5/16 - 3/8.
With ring holder.

914GMP Series **9,82**

**914GN
914GR GEDORE****Orig. Gedore - Art. SCL 42-70**

Blades made of vanadium-chrome steel, with robust metal pocket holder.
Chrome plated finish.

Set of 7 blades. Dimensions: 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.

914GN Series **30,30**

Orig. Gedore - Art. SCL 42-90 A

Product description as Art. 914GN

Set of 9 blades. Inch-sizes: 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4.

914GR Series **31,90**

914GS SCU**Prod. SCU**

Blades made of chrome-vanadium steel, with robust dual component pocket holder.

Set of 7 burnished blades. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6mm.

914GS Series **14,80**

**914GT
914GTP SCU**

Product description as Art. 914GS

Set of 7 burnished blades. Dimensions: 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.

914GT Series **19,50**

Product description as Art. 914GS

Set of 7 burnished blades: inch-sizes 3/32 - 1/8 - 5/32 - 3/16 - 1/4 - 5/16 - 3/8.

914GTP Series **19,50**



ALLEN HEAD SCREW WRENCHES

Prod. SCU

In CHROME VANADIUM steel.
Screwdriver grip in bi-component material (excluded size 1,5 mm), with hang-up hole.
Nickel finish.

Hexagon	mm	1,5	2	2,5	3	4	5	6
Overall length	mm	140	150	165	165	175	175	210
914GV	Each	3,08	2,74	2,94	2,94	3,16	3,88	5,04

When stocks are depleted, we will provide wrenches with handles in different form.

SCU

914GV



In CHROME VANADIUM steel.

"T" handle with hang-up hole. Nickel finish.

Hexagon	mm	2	2,5	3	4	5	6	7
Blade length	mm	100	100	150	150	200	200	200
Overall length	mm	125	125	175	175	232	232	232
914GZ	Each	3,46	3,58	3,58	3,68	4,72	4,94	5,98
Hexagon	mm	8	10	12	14			
Blade length	mm	200	200	200	300			
Overall length	mm	232	239	239	339			
914GZ	Each	5,88	10,30	13,50	17,40			

SCU

914GZ



Orig. Gedore - Art. 2142 T

In CHROME VANADIUM steel.
T-handle with hang-up hole. Chrome plated finish.

Hexagon	mm	2	2,5	3	4	5	6	7
Blade length	mm	125	125	125	125	150	150	175
Overall length	mm	152	152	152	152	177	188	213
915GA	Each	9,16	9,32	9,46	10,50	11,30	12,70	14,20
Hexagon	mm	8	10					
Blade length	mm	175	200					
Overall length	mm	213	238					
915GA	Each	15,60	25,40					

GEDORE

915GA



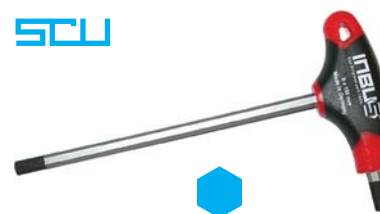
Prod. SCU

In CHROME-VANADIUM steel.
Double headed model. T handle made from bi-component material, nickel plated finish.

Hexagon	mm	2	2,5	3	4	5	6	8	10
Blade length	mm	125	125	125	125	150	150	175	175
Overall length	mm	151	151	151	151	185	185	218	218
915GC	Each	6,14	6,24	5,94	6,44	7,06	7,62	9,08	14,60

SCU

915GC



ALLEN HEAD SCREW WRENCHES SETS

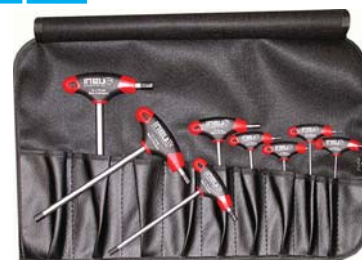
Prod. SCU

Product description as Art. 915GC
Set of 8 wrenches Art. 915 GC 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
In rolling tool bag Art. 2076 GBB.

915GEL	Series	73,10
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SCU

915GEL



Product description as Art. 915GC

Set of 7 wrenches Art. 915 GC 2 - 2.5 - 3 - 4 - 5 - 6 - 8mm.
With metal support, for workbench.

915GEP	Series	66,50
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SCU

915GEP





ALLEN HEAD SCREW WRENCHES

915GF **GEDORE****Orig. Gedore - Art. IN 34**

In CHROME-MOLYBDENUM steel.

Double end swivel sockets with holes for use as a lever.

Chrome plated finish, phosphated heads.

Opening	mm	3x4	5x6	8x10	12x14	17x19
Overall length	mm	198	202	235	270	295
915GF	Each	61,80	59,20	67,00	85,60	101,00

DRAIN PLUG WRENCHES

915GP **GEDORE****Orig. Gedore - Art. 299**

In hardened CHROME-VANADIUM steel.

With 5 square fixing plates 8.7 - 9.5 - 10.5 - 11.5 - 13mm, 4 conical square fixing plates 6.8 to 8.7 - 10.5 to 13 - 15.2 to 18 - 16.5 to 19 and 1 cutter blade 18x5.5mm. For use on square box drain plugs and drum and bin seals.

Chrome finish. Total length 220mm.

915GP	Each	36,00
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SPARK PLUG WRENCHES

915GS **carolus**
by GEDORE

1/2"

**Orig. Carolus - Art. 5180.16/R61021612**

In special steel, hardened. Chrome plated finish.

Length: 65mm. 1/2" square drive. Magnetic system for retaining the spark plug.

Opening	mm	16
915GS	Each	12,10

915GV **carolus**
by GEDORE

1/2"

**Orig. Carolus - Art. 5180.21/R61022112**

Product description as Art. 915GS

Opening	mm	21
915GV	Each	13,90

916L **SCU****Prod. SCU**

Steel model. Nickel finish. Commercial quality.

Opening	mm	16	19	21
916L	Each	1,48	1,56	1,56

917GT **GEDORE****Orig. Gedore - Art. D48**

In CHROME VANADIUM steel. Chrome plated finish.

Double socket type with 16 x 20.8mm opening. Swivel lever with grip.

Overall length	mm	230
917GT	Each	30,10

917N **SCU****Prod. SCU**

Standard model. In steel. With jointed socket.

T-handle, plastic coated.

Opening	mm	21
Overall length	mm	230
917N	Each	6,92



CHROME VANADIUM steel. Chrome plated finish.
Double cardan joint and ring for retaining the spark plug.

Art.	918A	918B
Opening	mm 16	21
Overall length	mm 480	480
Each	42,30	43,90

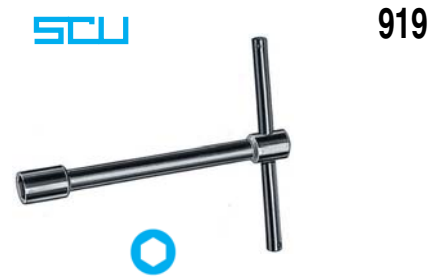


SOCKET WRENCHES WITH TOMMY BAR

Prod. SCU

Short type.
In alloyed steel. Sliding handle.
Galvanised finish.
Hexagonal open ended.

Opening	mm	4	5	6	7	8	9	10
Overall length	mm	50	60	70	80	90	100	112
919	Each	4,30	4,30	4,30	4,70	4,70	4,90	4,90
Opening	mm	11	12	13	14	17	19	
Overall length	mm	125	142	156	170	210	230	
919	Each	5,40	5,40	5,88	5,88	13,70	16,10	



Product description as Art. 919

Square open ended.

Opening	mm	4	5	6	7	8	9	10
Overall length	mm	50	60	70	80	90	100	112
919L	Each	4,30	4,30	4,30	4,70	4,70	4,90	4,90
Opening	mm	11	12	13	14			
Overall length	mm	125	142	156	170			
919L	Each	5,40	5,40	5,88	5,88			



Short type, DIN 904.

In special steel. Extra-long fixed handle.
Burnished execution.
Square open ended.

Opening	mm	4	5	6	7	8	9	10
Overall length	mm	60	60	80	80	80	100	100
919P	Each	24,30	24,80	26,50	33,30	33,10	37,10	37,10
Opening	mm	12	13	14				
Overall length	mm	100	100	120				
919P	Each	48,90	49,40	59,90				

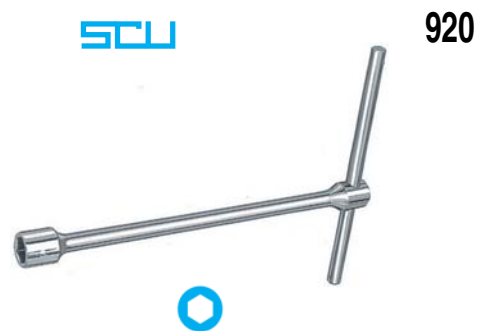


Hexagonal open end. Sliding handle.

In CHROME VANADIUM steel. Chrome plated finish.

Opening	mm	6	7	8	9	10	11	12
Overall length	mm	215	215	230	230	260	260	260
920	Each	14,20	14,20	14,20	14,20	19,10	19,10	22,20
Opening	mm	13	14	15	16	17	18	19
Overall length	mm	260	260	280	280	280	280	310
920	Each	22,20	26,10	26,10	32,20	30,90	32,70	33,10
Opening	mm	21	22	24				
Overall length	mm	300	310	310				
920	Each	23,60	39,20	46,40				

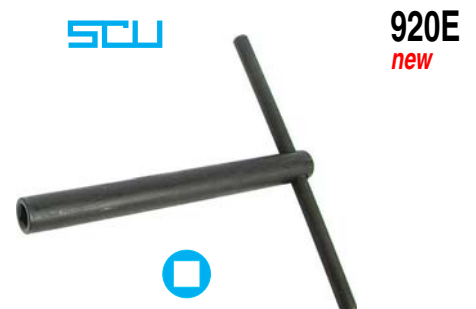
Size mm 21 running out of stock.



Long type, DIN 904.

In special steel. Extra-long fixed handle.
Burnished execution.
Square open ended.

Opening	mm	5	6	8	9	10	12	13
Overall length	mm	120	160	160	200	200	200	200
920E	Each	40,40	41,90	41,90	59,30	59,30	63,90	63,90
Opening	mm	14						
Overall length	mm	200						
920E	Each	81,40						





920GL GEDORE



Orig. Gedore - Art. DS 35 B
 Product description as Art. 920GC
 Long pattern.

Opening	mm	18	21	22
Overall length	mm	270	305	315
920GL	Each	51,10	78,60	82,70

Product running out of stock.

921GC GEDORE



Orig. Gedore - Art. DSV 35 A
 In CHROME VANADIUM steel.
 Extra sturdy model with sliding and lockable handle.
 Wide square opening. Phosphated finish.
 Short pattern.

Opening	mm	11	13
Overall length	mm	100	100
921GC	Each	47,10	57,40

Product running out of stock.

ALLEN HEAD WRENCHES "T" TYPE

921GLE GEDORE



Orig. Gedore - Art. DTT42
 High-quality model.
 In CHROME VANADIUM steel. Pinned rod for very high torque values.
 Three-headed model with transversal rod fixed in asymmetric position to guarantee openings of different width. Chrome plated finish. Burnished heads.

Hexagon	mm	3	4	5	6	8	10
Length x width	mm	150x75	180x90	180x90	210x105	250x125	300x150
921GLE	Each	23,30	23,30	24,10	27,10	33,50	40,20

921M SCU



Prod. SCU
 High quality model.
 In CHROME VANADIUM steel. Pinned rod for high torque values.
 Three-headed model. Chrome plated finish. Burnished heads up to 7mm.

Hexagon	mm	2	2,5	3	3,5	4	4,5	5
Length x width	mm	127x62	127x62	135x65	135x65	175x90	175x90	180x90
921M	Each	14,20	14,20	14,20	14,90	16,90	17,70	16,90
Hexagon	mm	6	7	8	9	10	12	14
Length x width	mm	210x105	210x105	245x125	275x140	295x150	322x160	334x170
921M	Each	18,30	19,10	20,90	27,10	27,10	33,60	40,40

921MT SCU
new



High quality type.
 CHROME-VANADIUM steel. WELDED rod with special reinforcement system for greater tightness at particularly high torques.
 Type with 3 heads. Burnished execution for greater wear resistance.

Hexagon	mm	2	2,5	3	3,5	4	5	6
Length x width	mm	127x62	127x62	148x75	148x75	175x90	210x105	210x105
921MT	Each	11,50	11,50	11,70	11,70	12,50	13,10	14,90
Hexagon	mm	7	8	9	10	12	14	
Length x width	mm	210x105	245x125	275x140	295x150	322x160	334x170	
921MT	Each	15,20	16,90	17,80	22,10	26,80	31,10	



Model with optimal quality/price ratio.
In CHROME-VANADIUM steel. Round rod and hexagonal arm.
Three-headed model. Chrome-plated finish. Burnished heads up to 8mm.

Hexagon	mm	2	2,5	3	4	5	6	8
Length x width	mm	130x65	130x65	130x65	180x90	180x90	215x105	250x125
921PA	Each	10,00	10,00	10,20	11,20	11,60	13,20	15,60
Hexagon	mm	10	12	14				
Length x width	mm	300x145	315x165	340x170				
921PA	Each	18,20	22,40	27,20				

SCU

921PA



3

SOCKET HEAD SCREW WRENCHES "T" TYPE

Prod. SCU

Excellent quality model to price ration.
In CHROME-VANADIUM steel. Long, round stem and short, slideable hexagonal rod. 3 head model which can be used with interior TORX head screws. Chrome finish. Burnished heads.

For TORX screws	T	6	7	8	9	10	15	20
Length x width	mm	123x65	123x65	123x65	126x65	126x65	126x65	126x65
921PL	Each	12,90	12,90	12,90	12,90	12,90	12,90	12,90
For TORX screws	T	25	27	30	40	45		
Length x width	mm	180x90	180x90	180x90	210x105	210x105		
921PL	Each	15,10	15,10	15,10	19,20	19,20		

SCU

921PL



High quality model.
In CHROME VANADIUM steel. Welded rod.
Three-headed model, for TORX screws. Chrome plated finish. Burnished heads.

For TORX screws	T	6	7	8	9	10	15	20
Length x width	mm	125x62	125x62	125x62	125x62	150x62	150x62	150x62
921R	Each	14,60	14,60	14,60	14,60	13,50	13,50	13,50
For TORX screws	T	25	27	30	40	45		
Length x width	mm	180x90	180x90	180x90	210x105	210x105		
921R	Each	14,50	14,50	14,50	17,30	17,30		

SCU

921R



COMBINATED WRENCHES "T" TYPE

Prod. SCU

High quality model.
In CHROME-VANADIUM steel.
Short, hexagonal sliding rod.
Rotating compass rod which can tighten more quickly than keys.
3 head model, with one bit magnetic attachments including 1/4 female hex, 1 destruction ring pole, 1/4 female hex and 1/4 male square driver for use with sockets. Burnished finish.

Length x width 210 x 120mm.

921RE	Each	59,40
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SCU

921RE



SWIVEL SOCKET WRENCHES WITH TOMMY BAR

Orig. Peddinghaus

In special steel. Sliding handle.
Universal joint, clutch. Chrome plated.
Hexagonal sockets. Total length 500mm.

Hexagon	mm	8	9	10	11	12	13	14
Max tightening value	Nm	16,6	23	31	40,4	51,5	64,5	79,4
Supplier code		907808 0001	907809 0001	907810 0001	907811 0001	907812 0001	907813 0001	907814 0001
921RT	Each	26,20	26,20	27,60	27,60	27,60	28,60	27,60
Hexagon	mm	15	16	17	18	19		
Max tightening value	Nm	96,2	115	134	160	186		
Supplier code		907815 0001	907816 0001	907817 0001	907818 0001	907819 0001		
921RT	Each	28,20	31,10	30,40	35,30	31,90		

PEDDINGHAUS

921RT





921S

SCU



Prod. SCU

High quality type, for high torques.
In CHROME-VANADIUM steel. Sliding handle.
Double cardan joint with clutch. Chrome finish.
Hexagonal sockets.

Hexagon	mm	6	7	8	9	10	11	12
Overall length	mm	400	400	400	400	450	450	450
921S	Each	28,10	28,10	28,10	28,10	32,90	32,90	32,90
Hexagon	mm	13	14	15	16	17	18	19
Overall length	mm	450	450	475	475	475	475	510
921S	Each	33,20	33,20	37,10	37,10	37,10	37,10	46,30
Hexagon	mm	20	21	22	24			
Overall length	mm	510	510	510	510			
921S	Each	46,30	46,30	46,60	46,10			

SWIVEL SOCKET WRENCHES WITH TORX

921T

GEDORE



Orig. Gedore - Art. TX24

High quality type.
In CHROME-VANADIUM steel. Sliding handle.
Double cardan joint with clutch. Chrome finish.
Type for external TORX screws.

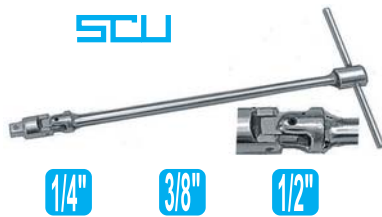
TORX size	E	18
Seal	mm	16,6
Overall length	mm	450
921T	Each	43,60

Product running out of stock.

LONG SWIVEL JOINTS TOMMY BAR

922A

SCU



Prod. SCU

High quality type.
In CHROME-VANADIUM steel. Sliding handle.
Double cardan joint with clutch. Chrome finish. For 1/4 - 3/8 - 1/2 drive sockets and accessories.

Drive	inch	1/4	3/8	1/2
Overall length	mm	400	460	500
922A	Each	31,10	36,30	46,20

LONG SWIVEL JOINTS TOMMY BAR FOR BITS

922C

SCU



Prod. SCU

High quality type.
In CHROME-VANADIUM steel. Sliding handle.
Double cardan joint with clutch. Chrome finish. For 1/4 drive bits DIN 3126 C 6.3.
With sliding ring nut and spring for rapid bit changing.
Total length: 450mm.

922C	Each	42,90
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ALLEN HEAD SWIVEL WRENCHES WITH TOMMY BAR

922E

SCU



Prod. SCU

High quality type.
In CHROME-VANADIUM steel. Sliding handle.
Double cardan joint with clutch. Chrome finish.

Hexagon	mm	3	4	5	6	8	10
Overall length	mm	400	400	400	460	460	460
922E	Each	28,20	28,20	28,20	33,80	33,80	39,70

TORX HEAD SWIVEL WRENCHES WITH TOMMY BAR

922L

SCU



Prod. SCU

In CHROME-VANADIUM steel.
Slideable handle. Double cardan joint with clutch. Chrome finish.

For TORX screws	T	20	25	27	30	40	45	50	55
Overall length	mm	395	395	395	400	400	425	440	440
922L	Each	28,10	28,10	28,10	28,10	32,90	32,90	34,80	34,80



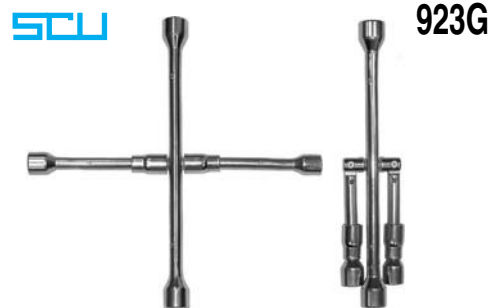


CROSS WRENCHES

Prod. SCU

Type with 2 foldable arms for more convenient storage.
In special steel.
Chrome plated finish.

Opening	mm	17-19-21-23
Overall length	mm	355
Weight	Kg	1,285
923G	Each	81,50



3

Orig. Gedore - Art. 28 PU

In CHROME VANADIUM steel.
Laquered finish, metalized grey.

Opening	mm	17-19-21-11/16
Overall length	mm	420
Weight	Kg	1,200
924GA	Each	61,40



Orig. Gedore - Art. 28 CU

Product description as Art. 924GA

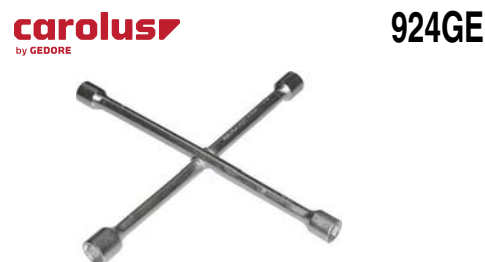
Opening	mm	19-22-24-27
Overall length	mm	600
Weight	Kg	2,200
924GB	Each	111,00



Orig. Carolus - Art. 0400.00/R01700057

In CHROME VANADIUM steel.
Laquered finish.

Opening	mm	17-19-21-11/16
Overall length	mm	370
Weight	Kg	1,200
924GE	Each	35,30



Orig. Gedore

In CHROME VANADIUM steel.
Laquered finish, metalized grey.

Art.	925GA	925GB
Opening	mm 17-19-21	24-27-32
Square drive	inch 1/2	3/4
Overall length	mm 420	750
Supplier code	28 PUV	28 LV
Each	64,50	161,00



Prod. SCU

In special steel.

Opening	mm	17-19-21
Square drive	inch	1/2
Overall length	mm	380
925L	Each	12,50



Prices in EURO . VAT not included

When the Carolus branded products will be run out, they will be supplied with the same product Gedore red.



926A
new

GEDORE

1/2"



Orig. Gedore - Art. 28 PRV

In CHROME-VANADIUM steel. Chromed version.
Suitable for cars and light vehicles.
DIN 3119, ISO 6788.

Opening	mm	17-19-21
Square drive	inch	1/2
Overall length	mm	550

926A	Each	148,00
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926E

GEDORE



Orig. Gedore - Art. 28 LR

In CHROME VANADIUM steel. Chrome plated finish.
Suitable to lorries, truck and full trailer and heavy industrial vehicles.
Particularly sturdy torque arm centre.

Opening	mm	27-30-32-33
Overall length	mm	750

926E	Each	270,00
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926G

GEDORE

3/4"



Orig. Gedore - Art. 28 LRV

Product description as Art. 926E

Opening	mm	27-30-32
Square drive	inch	3/4
Overall length	mm	750

926G	Each	264,00
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For socket wrenches for truck, tractor wheel nuts, see Art. 909 GSA.

TYRE LEVERS

927GS

BUCO



Orig. Buco - Art. 2101

In special steel, forged in the extremities. Straight smooth model. Metalized grey finish.

Overall length	mm	500	600
Weight	grams	1000	1200

927GS	Each	17,40	22,60
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928G

GEDORE



Orig. Gedore - Art. 38

In CHROME VANADIUM steel, fully forged. Also suitable for alloyed wheels.
Straight reinforced type. Chrome plated finish.

Overall length	mm	200	305	400	500	610
Weight	grams	100	220	405	602	927
Use for		Bike-moto	car	car	truck	truck

928G	Each	16,10	22,70	28,10	42,90	59,80
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928GE

BUCO



Orig. Buco - Art. 2106

In special steel, forged in the extremities. Bent smooth model. Metalized grey finish.

Overall length	mm	400	500	600
Weight	grams	600	700	1200

928GE	Each	19,40	21,80	27,10
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Size mm 400 running out of stock.

928GL

GEDORE



Orig. Gedore - Art. 39

In CHROME VANADIUM steel, fully forged. Bent smooth model, heavy duty for lorries.
Chrome plated finish.

Overall length	mm	610
Weight	grams	1365

928GL	Each	60,00
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928GS

GEDORE



Orig. Gedore - Art. 1.91

In special steel, forged and hardened. Zinc, bleached finish.

Type to be used with sledge hammers to remove truck and bus tyres from their rim.

Overall length	mm	300
Weight	grams	1800

928GS	Each	79,20
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Orig. Buco - Art. 2130

In special steel, forged and hardened. Nickel finish.
Type to be used with sledge hammers to remove truck and bus tyres from their rim.

Overall length	mm	300
Weight	grams	1900
928GT	Each	77,40



TOW BARS FOR TRUCKS

Orig. Buco - Art. 3055

In special steel. Extremely sturdy tubular execution with forged hooks (forged eyelets). Suitable for trucks, busses, etc. up to a weight of 16 tons. To be used with hook pins only.

Overall length as used	mm	2500
Overall weight	Kg	18,5
Pullable weight	Kg	16000
Eyelets bore Ø	mm	40
Hook head ext Ø	mm	100
932GT	Each	237,00



Orig. Buco - Art. 3065

In special steel. Extremely sturdy tubular execution with forged hooks (forged eyelets). Suitable for trucks, busses, etc. up to a weight of 32 tons. To be used with hook pins only.

Overall length as used	mm	2500
Overall weight	Kg	25
Pullable weight	Kg	32000
Eyelets bore Ø	mm	40
Hook head ext Ø	mm	100
933G	Each	300,00



SETS OF SOCKETS

Orig. Gedore - Art. D 20 DMU-3

In CHROME VANADIUM steel. Chrome plated finish.
Sockets and joints with 1/4" square drive (6.35mm).
Assorted set supplied in case.

Contains 14 tools.

Comprising:

- 12 polygonal sockets Art. 941 RAB 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13mm
 - 1 extension Art. 942 E 100mm
 - 1 ratchet lever with disk Art. 942 T
- Complete set.

940GA	Each	174,00
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Orig. Gedore - Art. 20 IMU-3

Product description as Art. 940GA

The set consists of 32 tools.

Contents:

- 11 x 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14mm hexagonal sockets Art. 941 RA
 - 1 x socket-holder with plastic handle Art. 942 P
 - 1 x 115mm sliding bar Art. 942 G
 - 1 x 150mm extension Art. 942 E
 - 1 x 50mm extension Art. 942 E
 - 1 x ratchet, with dial, 127mm Art. 942 T
 - 1 x cardan joint Art. 942 H
 - 4 x 4 - 5.5 - 6.5 - 8mm flat-tip screwdriver sockets Art. 941 RB
 - 3 cross-tip screwdriver sockets Size 1 - 2 - 3 Art. 941 RC
 - 3 x POZIDRIV screwdriver sockets Size 1 - 2 - 3 Art. 941 RD
 - 5 x 3 - 4 - 5 - 6 - 8mm hex sockets Art. 941 RF
- Complete assortment.

941GC	Each	405,00
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When stocks run out the ratchet lever and the socket holder will be supplied with a black/blue handle.



941GF GEDORE

1/4"



Orig. Gedore - Art. 20 ITU-3

Product description as Art. 940GA

The set consists of 36 tools.

Content:

- 11 x 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14mm hexagonal sockets Art. 941 RA
- 1 x socket-holder with plastic handle Art. 942 P
- 1 x 115mm sliding bar Art. 942 G
- 1 x 150mm extension Art. 942 E
- 1 x 50mm extension Art. 942 E
- 1 x ratchet, with dial, 127mm Art. 942 T
- 1 x cardan joint Art. 942 H
- 5 x 3 - 4 - 5 - 6 - 8mm external hex type sockets Art. 941 RF
- 8 x external TORX T sockets 8 - 9 - 10 - 15 - 20 - 25 - 27 - 30 Art. 941 RL
- 6 x internal TORX sockets E 4 - 5 - 6 - 7 - 8 - 10 Art. 941 RP
- Complete assortment.

941GF Each 427,00

When stocks run out the ratchet lever and the socket holder will be supplied with a black/blue handle.

941GL GEDORE

1/4"



Orig. Gedore - Art. D 20 KMU-20

Product description as Art. 940GA

The set consists of 37 tools.

Content:

- 10 x bihexagonal sockets Art.941 RAB 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13mm
- 1 x dual-component handle with 1/4" hexagonal drive, 90mm
- 1 x extension Art. 942 E 100
- 1 x male magnetic adapter with 1/4" hexagonal drive for 1/4" drive sockets, 60mm
- 1 x ratchet with lever change Art. 942 Z 127mm
- 1 x 1/4" hex bit and 1/4" square bit adapter, 25mm
- 3 x flat-tip bits Art. 983 GA 4 - 5.5 - 6.5mm
- 4 x internal hexagonal bits Art. 983 GL mm 3 - 4 - 5 - 6
- 4 x internal polygons bits Art. 983 GP 5 - 6 - 8mm
- 7 x external TORX bits Art. 984 GC T 10 - 15 - 20 - 25 - 27 - 30 - 40
- 2 x cross-tip bits PH Art.983 GC 1 - 2
- 3 x cross-tip bits PZ Art.983 GF 1 - 2 - 3
- Complete assortment.

941GL Each 226,00

SOCKETS, 1/4" DRIVE DIN 3120-ISO 1174

941RA GEDORE

1/4"



Orig. Gedore - Art. 20

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

DIN 3124, ISO 2725-1 dimensions in mm.

Internal hex type. Length: 25mm.

Opening	mm	4	4,5	5	5,5	6	7	8
941RA	Each	6,30	6,32	6,54	6,54	6,54	6,54	6,52
Opening	mm	9	10	11	12	13	14	
941RA	Each	6,78	6,74	6,78	7,10	7,06	7,10	
Opening	inch	3/16	7/32	1/4	9/32	5/16	11/32	3/8
941RA	Each	6,90	6,90	6,98	6,98	6,98	6,98	7,20
Opening	inch	7/16	1/2	9/16				
941RA	Each	7,52	7,52	8,12				

941RAB GEDORE

1/4"



Orig. Gedore - Art. D20

Product description as Art. 941RA

DIN 3124, ISO 2725-1 dimensions in mm.

Internal bi-hex type. Length: 25mm.

Opening	mm	4	5	6	7	8	9	10
941RAB	Each	6,50	6,76	6,76	6,76	6,54	6,98	6,78
Opening	mm	11	12	13	14			
941RAB	Each	6,98	7,32	7,10	7,32			
Opening	inch	3/16	7/32	1/4	9/32	5/16	11/32	3/8
941RAB	Each	6,74	6,74	6,74	6,74	6,98	6,98	6,98
Opening	inch	13/32	7/16	1/2	9/16			
941RAB	Each	7,46	7,52	7,52	8,12			



Orig. Gedore - Art. 20L

Product description as Art. 941RA

DIN 3124, ISO 2725-1.

Long pattern, internal hex type. Length: 50mm.

Opening	mm	4	4,5	5	5,5	6	7	8
941RAL	Each	20,70	20,70	20,70	20,70	20,70	20,90	20,90
Opening	mm	9	10	11	12	13		
941RAL	Each	20,90	21,80	21,80	21,80	21,80		

GEDORE

941RAL



1/4"

3

Orig. Gedore - Art. DG 20

Product description as Art. 941RA

Jointed type with internal polygon.

Opening	mm	5,5	6	8	9	11	12	13
941RAP	Each	32,70	33,60	34,10	33,10	33,40	33,40	34,10

Product running out of stock.

GEDORE

941RAP



1/4"

Orig. Gedore - Art. IS 20

Product description as Art. 941RA

Flat-tip screwdriver type. Length: 28mm.

Blade width	mm	4	5,5	6,5	8
941RB	Each	9,82	9,78	9,78	9,82

GEDORE

941RB



1/4"

Orig. Gedore - Art. IKS 20

Product description as Art. 941RA

Phillips screwdriver type. Length: 28mm.

Size		1	2	3	4
941RC	Each	9,82	9,78	9,82	9,78

GEDORE

941RC



1/4"

Orig. Gedore - Art. IKS 20 PZD

Product description as Art. 941RA

POZIDRIV screwdriver type. Length: 28mm.

Size		1	2	3	4
941RD	Each	11,10	11,10	11,10	10,90

GEDORE

941RD



1/4"

Orig. Gedore - Art. IN 20

Product description as Art. 941RA

External hex type. Length: 28mm.

Opening	mm	2	2,5	3	4	5	6	8
941RF	Each	9,82	9,82	9,76	9,76	9,76	9,76	9,76

GEDORE

941RF



1/4"

Orig. Gedore - Art. IN 20 L

Product description as Art. 941RA

Long external hex type. Length: 60mm.

Opening	mm	3	4	5	6	8
941RG	Each	10,60	10,60	10,60	10,60	10,90

GEDORE

941RG



1/4"

Orig. Gedore - Art. IN 20 K

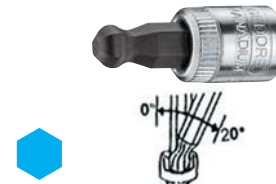
Product description as Art. 941RA

Type with ball ends for use inclined by up to 20° with Allen screws. Length 30.5mm.

Opening	mm	4	5	6
941RGA	Each	11,50	11,50	11,50

GEDORE

941RGA



1/4"



941RL GEDORE

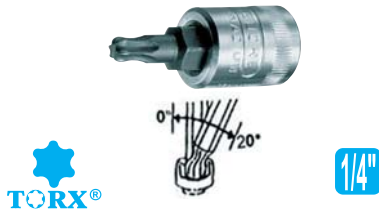


Orig. Gedore - Art. ITX 20

Product description as Art. 941RA
External TORX type. Length: 30mm.

TORX size	T	8	9	10	15	20	25	27	30	40
Seal	mm	2,31	2,50	2,74	3,27	3,86	4,43	4,99	5,52	6,65
941RL	Each	10,90	10,90	10,90	10,90	10,90	10,90	10,90	10,90	12,20

941RLA GEDORE



Orig. Gedore - Art. ITX 20K

Product description as Art. 941RA

Type with ball ends for use inclined by up to 20° with TORX recessed screws. Length 30.5mm (only T 40: 33.5mm).

TORX size	T	10	15	20	25	27	30	40
Seal	mm	2,74	3,27	3,86	4,43	4,99	5,52	6,65
941RLA	Each	13,20	13,20	13,20	13,20	13,20	13,20	13,70

941RP GEDORE



Orig. Gedore - Art. TX 20

Product description as Art. 941RA

Internal TORX type. Length: 25mm.

TORX size	E	4	5	6	7	8	10
Seal	mm	3,8	4,7	5,6	6,1	7,4	9,3
941RP	Each	9,22	9,22	9,22	9,26	9,26	10,50

941RT SCU



Prod. SCU

Product description as Art. 941RA

External TORX type with hole. Length: 35mm.

TORX size	T	7	8	9	10	15	20	25	27	30
Seal	mm	1,99	2,31	2,50	2,74	3,27	3,86	4,43	4,99	5,52
941RT	Each	4,56	4,56	4,56	4,56	4,56	4,56	4,56	4,56	4,56

941RTA SCU



Product description as Art. 941RA

Phillips screwdriver, with 5 tips and hole (TAMPER STAR). Length 25 mm.

Size	ST	10	15	20	25	27	30	40
Seal	mm	2,7	3	3,5	4,1	4,6	5,1	6,1
941RTA	Each	2,14	2,14	2,14	2,14	2,14	2,14	2,14

941RTB SCU



Set of 7 pcs. Art. 941 RTA ST 10-15-20-25-27-30-40.

On metal support.

941RTB	Each	16,80
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941RV GEDORE



Orig. Gedore - Art. ITX 20 IP

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

Type with external TORX PLUS screws. Length 30.5mm (only 40 IP: 33.5mm).

TORX PLUS size	IP	6	8	10	15	20	27	40
Seal	mm	2,31	2,50	2,74	3,27	3,86	4,99	6,65
941RV	Each	11,00	11,00	10,80	11,00	11,00	11,00	12,20

Product running out of stock.



SPARE PARTS FOR SOCKETS

Orig. Gedore - Art. 2094

In CHROME VANADIUM steel. Chrome plated finish. 1/4" square drive (6.35mm). Square drive for 942 R-S bars. Length 20 mm.

942B Each 5,02

GEDORE 1/4" 942B



Orig. Gedore - Art. 2097

Product description as Art. 942B
Articulated bars, length: 150mm.

942C Each 35,10

GEDORE 1/4" 942C



Orig. Gedore - Art. 2088

Product description as Art. 942B
Flexible extension, length: 120mm.

942D Each 19,90

GEDORE 1/4" 942D



Orig. Gedore - Art. 2090

Product description as Art. 942B
Fixed extensions.

Overall length	mm	50	100	150	300
942E	Each	10,50	10,90	11,10	15,50

GEDORE 1/4" 942E



Orig. Gedore - Art. 2090 KR

Product description as Art. 942B
Angle extensions, possible inclination up to 15°.

Overall length	mm	55	97	148
942F	Each	13,50	14,10	17,60

GEDORE 1/4" 942F



Orig. Gedore - Art. 2087

Product description as Art. 942B
Sliding bar, length: 115mm.

942G Each 14,50

GEDORE 1/4" 942G



Orig. Gedore - Art. 2095

Product description as Art. 942B
Cardan joint. Length 38 mm.

942H Each 32,10

GEDORE 1/4" 942H



Orig. Gedore - Art. 2098

Product description as Art. 942B
Socket-holder with plastic handle. Length 140 mm.

942P Each 11,50

GEDORE 1/4" 942P



RATCHETS

Orig. Gedore - Art. 2093 HR-94

Product description as Art. 942B
Knurled disc with ratchet with reverse square drive. Fine toothed. Ø 27mm.
Ideal for rapid tightening and for working in restricted spaces with extensions.
Art. 942 D-E-F.

942R Each 31,30

GEDORE 1/4" 942R



Orig. Gedore - Art. 2093 Z-94

Product description as Art. 942B
Ratchet with reverse square drive. Rubber handle. Fine toothed.
Length: 127mm.

942S Each 37,50

GEDORE 1/4" 942S





942T

GEDORE

1/4"

**Orig. Gedore - Art. 2093 U-3**

Product description as Art. 942B

Ratchet with dial change for clockwise and counter-clockwise operation. Rubber handle. Fine toothed.

Length: 127mm.

942T Each 57,60

942V

GEDORE

1/4"

**Orig. Gedore - Art. 2093 U-10**

Product description as Art. 942B

Ratchet with lever change for clockwise, counter-clockwise and fixed operation. Rubber handle. Fine toothed.

Length: 127mm.

942V Each 77,20

942Z

GEDORE

1/4"

**Orig. Gedore - Art. 2093 U-20**

Product description as Art. 942B

Ratchet with lever change for R+L operation. Dual component rubber grip. With tip klick quick change, with button. Fine toothed.

Length: 127mm.

942Z Each 72,70

943G

GEDORE

1/4"

**Orig. Gedore - Art. 2093 U-3 T**

In special steel. Burnished finish. 1/4" square drive (6.35mm).

Ratchet with dial change for clockwise and counter clockwise operation. 2-arm grip in anti-slip plastic material.

Ideal for rapid tightening combined with extensions Art. 942 D-E-F.

Length: 140mm.

943G Each 42,90

SETS OF SOCKETS

944B

carolus
by GEDORE

1/4"

**Orig. Carolus - Art. 3090.0023/R49005023**

In special steel. Chrome plated finish.

Sockets and joints with 1/4" square drive and bits with hexagonal shank 1/4".

Assortments in practical plastic case, with clip for attaching to your belt.

Set of 23 tools.

The set contains:

7 hexagonal sockets 6 - 7 - 8 - 10 - 11 - 12 - 13 mm

1 ratchet, with lever

1 socket adapter

1 magnetic connection for inserts

1 insert straight cut 5,5mm

3 inserts for internal hexagons 4 - 5 - 6 mm

5 TORX inserts T15 - T20 - T25 - T27 - T30

2 Phillips inserts PH 1 - 2

2 cross-tip bits PZ 1 - 2

Complete assortment.

944B Each 62,20

944GA

carolus
by GEDORE

1/4"

**Orig. Carolus - Art. 4400.100**

In special steel. Chrome plated finish.

Sockets and joints with 1/4" square drive (6.35mm).

Assorted sets supplied in metal case.

Contains 16 tools.

Comprises:

13 hexagonal sockets Art. 946 GA 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14mm

1 extension Art. 946 GP 50mm

1 extension Art. 946 GP 100mm

1 ratchet with lever change, quick release, extra slim head, Art. 947 GRE 135mm

Complete assortment

944GA Each 60,30

Product running out of stock.



Orig. Carolus - Art. 4004.77/R49004033

Product description as Art. 944GA

Set of 32-tools.

Each set contains:

- 12 x 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13mm hexagonal sockets Art. 946 GA
- 3 x 4 - 5.5 - 6.5mm flat-tip screwdriver sockets
- 4 x Phillips screwdriver sockets Size 0 - 1 - 2 - 3
- 6 x 3 - 4 - 5 - 6 - 8 - 10mm internal hex sockets Art. 946 GH
- 1 x 50mm extension Art. 946 GP
- 1 x 100mm extension Art. 946 GP
- 1 x cardan joint Art. 946 GS
- 1 x 115mm sliding bar Art. 946 GR
- 1 x rod holder with two-component handle for 1/4" socket sleeves Art. 946 GSE
- 1 x 1/4" hex drive male adapter for 1/4" drive sockets 946 GZ
- 1 x 150mm ratchet with lever change, rapid release Art. 947 GF

Complete assortment

945GE Each **141,00**

carolus
by GEDORE

945GE



1/4"

3

Orig. Carolus - Art. 4004.79/R49014033

Product description as Art. 944GA

Set of 32-tools with:

- 12 x 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13mm hexagonal sockets Art. 946 GA
- 7 external Torx sockets, with T-hole 10 - 15 - 20 - 25 - 27 - 30 - 40 Art. 946 GL
- 6 x 3 - 4 - 5 - 6 - 8 - 10mm external hex sockets Art. 946 GH
- 1 x 50mm extension Art. 946 GP
- 1 x 100mm extension Art. 946 GP
- 1 cardan joint Art. 946 GS
- 1 x 115mm sliding bar Art. 946 GR
- 1 x 1/4" hex drive dual component handle Art. 946 GT
- 1 x 1/4" hex drive socket-holder for 1/4" hex drive sockets Art. 946 GV
- 1 x 1/4" hex drive male adapter for 1/4" drive sockets Art. 946 GZ
- 1 x 120mm ratchet with lever change, rapid release Art. 947 GR

Complete assortment.

945GF Each **141,00**

carolus
by GEDORE

945GF



1/4"

Orig. Carolus - Art. 4400.2016/R49003016

In special steel. Chrome plated finish.

Sockets and joints with 1/4" square drive (6.35mm).

Assorted sets supplied in sturdy plastic case.

Set of 16 tools.

The set contains:

- 12 hexagonal sockets 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
- 1 fixed extention 100mm
- 1 sliding lever
- 1 socket adapter for inserts, square connection 1/4", hexagonal connection 1/4"
- 1 ratchet with lever and quick release

Complete assortment.

945GM Each **44,20**

carolus
by GEDORE

945GM



1/4"

Orig. Carolus - Art. 4400.2033/R49003033

Product description as Art. 945GM

Set of 33 tools.

The set contains:

- 12 hexagonal sockets 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
- 4 sockets with external hexagon 3 - 4 - 5 - 6 mm
- 3 straight screwdriver sockets 4 - 5,5 - 6,5mm
- 2 Phillips screwdriver sockets PH 1 - 2
- 2 cross-tip screwdriver sockets PZD 1 - 2
- 4 external TORX screwdriver sockets T15 - 20 - 25 - 30
- 2 fixed extentions 50 - 100 mm
- 1 cardan joint
- 1 socket-holder rod with handle
- 1 socket adapter for inserts, square connection 1/4", hexagonal connection 1/4"
- 1 ratchet with lever and quick release

Complete assortment.

945GP Each **70,10**

carolus
by GEDORE

945GP



1/4"



945GR **carolus**
by GEDORE



Orig. Carolus - Art. 4400.2046/R49003046

Product description as Art. 945GM

Set of 46 tools.

The set contains:

13 hexagonal sockets 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm

6 sockets with internal hexagon 3 - 4 - 5 - 6 - 7 - 8 mm

3 straight screwdriver sockets 4 - 5,5 - 6,5 mm

3 Phillips screwdriver sockets PH 1 - 2 - 3

2 cross-tip screwdriver sockets PZD 1 - 2

7 external TORX screwdriver sockets T10 - 15 - 20 - 25 - 27 - 30 - 40

2 fixed extension 50 - 100 mm

1 flexible extension 150mm

1 sliding lever

1 cardan joint

1 socket-holder rod with handle

1 socket adapter for inserts, square connection 1/4", hexagonal connection 1/4"

1 ratchet with lever and quick release

4 Allen head wrenches 1,27 - 1,5 - 2 - 2,5mm

Complete assortment.

1/4"

945GR Each **101,00**

SOCKETS, 1/4" DRIVE DIN 3120-ISO 1174

946GA **carolus**
by GEDORE



Orig. Carolus - Art. 4177/R4100

In special steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

Internal hex type. Length: 25mm.

Opening	mm	4	4,5	5	5,5	6	7	8
946GA	Each	2,84	2,84	2,84	2,84	2,84	2,84	3,00

Opening	mm	9	10	11	12	13	14
946GA	Each	3,00	3,00	3,00	3,00	3,00	3,00

Opening	inch	11/32	7/16
946GA	Each	2,32	2,32

1/4"

Sizes inch 11/32 and 7/16 running out of stock.

946GAF **carolus**
by GEDORE



Orig. Carolus - Art. 4180

Product description as Art. 946GA

Type with MULTIPLE PROFILE to tighten screws with hex, hex worn/rounded by up to 50%, polygonal, TORX, XZN-SPLINE, square heads. Length 25mm.

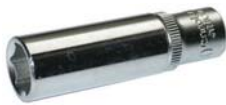
Opening	mm	4	4,5	5,5	6	8	9	10
946GAF	Each	2,14	2,14	2,14	2,14	2,28	2,28	2,28

Opening	mm	11	12	14
946GAF	Each	2,28	2,28	2,44

1/4"

Product running out of stock.

946GB **carolus**
by GEDORE



Orig. Carolus - Art. 4176/R4100

Product description as Art. 946GA

Long pattern. Internal hex type. Length: 50mm.

Opening	mm	4	4,5	5	5,5	6	7	8
946GB	Each	4,02	4,02	4,02	4,02	4,02	4,54	4,54

Opening	mm	9	10	11	12	13
946GB	Each	4,54	4,54	4,92	4,92	4,92

1/4"

946GC **SCU**



Prod. SCU

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

Flat-tip screwdriver type. Length: 35mm.

Blade width	mm	3	4	4,5	5,5	6	7
946GC	Each	3,50	3,50	3,50	3,50	3,50	3,50

1/4"

946GE **SCU**



Product description as Art. 946GC

Phillips screwdriver type. Length: 35mm.

Size		0	1	2	3
946GE	Each	3,50	3,50	3,50	3,50

1/4"



Product description as Art. 946GC
POZIDRIV screwdriver type. Length: 28mm.

Size		0	1	2	3
946GF	Each	3,50	3,50	3,50	3,50

SCU

946GF



1/4"

Orig. Carolus - Art. 4178/R4255

In special steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

External hex type. Length: 37mm.

Opening	mm	3	4	5	6	8	10
946GH	Each	3,00	3,00	3,00	3,00	3,36	3,36

carolus
by GEDORE

946GH



1/4"

Orig. Gedore red - Art. R4245

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

External TORX type. Length: 37mm.

TORX size	T	10	15	20	25	27	30	40
Seal	mm	2,74	3,27	3,86	4,43	4,99	5,52	6,65
946GHE	Each	4,02	4,02	4,02	4,02	4,02	4,02	4,02

GEDORE

946GHE
new



1/4"

Orig. Carolus - Art. 4173/R4246

In special steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

External TORX type with hole. Length: 37mm.

TORX size	T	10	15	20	25	27	30	40
Seal	mm	2,74	3,27	3,86	4,43	4,99	5,52	6,65
946GL	Each	4,02	4,02	4,02	4,02	4,02	4,02	3,04

Size T 40 running out of stock.

carolus
by GEDORE

946GL



1/4"

Orig. Carolus - Art. 4174/R4120

Product description as Art. 946GL

TORX type. Length: 25mm.

TORX size	E	5	6	7	8	10
Seal	mm	4,7	5,6	6,1	7,4	9,3
946GM	Each	6,60	6,60	6,60	6,60	7,02

carolus
by GEDORE

946GM



1/4"

SPARE PARTS FOR SOCKETS

Orig. Carolus - Art. 4179/R4510

In special steel. Chrome plated finish. 1/4" square drive (6.35mm).

Fixed extensions.

Overall length	mm	50	100	150
946GP	Each	4,02	4,72	7,74

carolus
by GEDORE

946GP



1/4"

Orig. Carolus - Art. 4179.70/R45200022

Product description as Art. 946GP

Sliding bar. Length: 115mm.

946GR	Each	9,38
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carolus
by GEDORE

946GR



1/4"

Orig. Carolus - Art. 4179.80/R45300005

Product description as Art. 946GP

Cardan joint. Length 33mm.

946GS	Each	11,30
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carolus
by GEDORE

946GS



1/4"



**946GSE** **carolus**
by GEDORE

1/4"

Orig. Carolus - Art. 4120.00/R38950001

Product description as Art. 946GP

socket-holder rod with bi-component handle. Total length 171mm.

In combination with the reduction Art. 947 GA it can be used as a grip for bits with 1/4" hex drive.

946GSE Each **9,94****946GT** **carolus**
by GEDORE

1/4"

Orig. Carolus - Art. 4002.42

Product description as Art. 946GP

Separate bi-component handle with 1/4" hex drive. Length 90mm.

946GT Each **7,90****To be used in combination with Art. 946 GV-Z.
Product running out of stock.****946GV** **carolus**
by GEDORE

1/4"

1/4"

Orig. Carolus - Art. 4002.40

Product description as Art. 946GP

Socket-holder, 1/4" hexagonal drive, for 1/4" sockets.

Length: 88mm.

946GV Each **6,10****To be used also in combination with Art. 946 GT.
Product running out of stock.****946GZ** **carolus**
by GEDORE

1/4"

1/4"

Orig. Carolus - Art. 7080.50/R47110009

Product description as Art. 946GP

Male adapter, 1/4" hexagonal drive for 1/4" socket bushings.

Length: 50mm.

946GZ Each **4,02****To be used also in combination with Art. 946 GT.****947GA** **carolus**
by GEDORE

1/4"

1/4"

Orig. Carolus - Art. 4178.60/R47100103

Product description as Art. 946GP

Insert socket adapter, 1/4" square drive, 1/4" hexagonal drive. Length 25 mm.

947GA Each **3,64****947GB** **carolus**
by GEDORE

1/4"

1/4"

Orig. Carolus - Art. 7060.00

Product description as Art. 946GP

Magnetic adapter, 1/4" hexagonal drive and 8mm male hexagonal drive.

Length 17,7 mm.

947GB Each **5,18****Ideal for use in combination with ratchet wrenches Art. 879 FEx8-879 GEx8-879 GMx8.
Product running out of stock.****947GC** **carolus**
by GEDORE

1/4"

1/4"

Orig. Carolus - Art. 4115.10

Product description as Art. 946GP

Socket adapter, 1/4" square drive and 10mm male hexagonal drive.

Length 18,7 mm.

947GC Each **5,32****Ideal for use in combination with ratchet wrenches
Art. 879 Dx10-879 FEx10-879 GEx10-879 GMx10.
Product running out of stock.****947GD** **SCU**
new

1/4"

1/4"

Prod. SCU

Male adapter for 1/4" square drive sockets with COMBINED female hex socket for 1/4" bits.

By changing the ring nut, the variation of the attack is obtained.

Grip made of non-slip two-component material. Total length 210 mm.

947GD Each **15,90**



Product description as Art. 947GD

For use as an extension of art. 947 GD or with direct drive for various screwdrivers such as PNEUTEC, BOSCH, B+D, SKIL, MAKITA, ATLAS COPCO, INGERSOLL etc., 1/4" DIN 3126 AND 6.3.

Overall length	mm	60	90
947GE	Each	9,50	9,86

SCU

947GE
new



RATCHETS

Orig. Gedore red - Art. R40000027

CHROME-VANADIUM steel. Chromed execution. 1/4 "square drive (6.35 mm).

Ratchet lever with lever for movement L+R.

Two-component rubber handle. With quick and secure push-button release system.

Fine toothing. Length 150 mm.

947GF	Each	34,20
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GEDORE

947GF
new



Orig. Gedore red - Art. R40050009

Product description as Art. 947GF

Bent type to avoid injury to the hand during use.

Ratchet lever with lever for movement L+R.

Two-component rubber grip. With quick and secure release system, push-button.

Length 145 mm.

947GL	Each	37,70
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GEDORE

947GL
new



Orig. Carolus - Art. 7190.30

In special steel. Chrome plated finish. 1/4" square drive (6.35mm).

Ratchet with dial change for clockwise and counter clockwise operation.

Dual material handle. Fine toothing.

Length: 120mm.

947GP	Each	30,20
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Product running out of stock.

carolus
by GEDORE

947GP



Orig. Carolus - Art. 4177.20

Product description as Art. 947GP

Ratchet with lever change for clockwise and counter-clockwise operation.

Dual-material handle. With tip klick quick change, with button.

Fine toothing.

Length: 120mm.

947GR	Each	30,20
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Product running out of stock.

carolus
by GEDORE

947GR



Orig. Gedore red - Art. R40120027

CHROME-VANADIUM steel. Chromed execution. 1/4 " square drive (6.35 mm).

Ratchet lever, with lockable angle in 5 different positions. With L+R movement lever.

Two-component rubber handle. With quick and secure push-button release system.

Fine toothing. Length 163 mm.

947GRL	Each	61,10
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GEDORE

947GRL
new



Orig. Carolus - Art. 7290.30

In special steel. Chrome plated finish. 1/4" square drive (6.35mm).

Flexible ratchet, multi-angled bit. With dial change for clockwise and counter-clockwise operation. Synthetic material handle. Fine toothing.

Length: 135mm.

947GS	Each	53,60
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Product running out of stock.

carolus
by GEDORE

947GS





SPARE PARTS AND ACCESSORIES FOR INTERCHANGEABLE HEAD WRENCHES

948GB **Orig. Carolus - Art. 7200.30**

In special steel. Chrome plated finish. 1/4" square drive (6.35mm). Ratched head with dial change for R+L operation. Finely toothed.

948GB Each 16,10

Can be used with levers and rods Art. 942 C - 942 P - 946 GSE.
Product running out of stock.**948GC** **Orig. Carolus - Art. 7200.25**

Product description as Art. 948GB

Ratched head with dial change for R+L operation. Finely toothed.

948GC Each 16,10

Can be used with levers and rods Art. 942 C - 942 P - 946 GSE.
Product running out of stock.**948GE** **Orig. Carolus - Art. 7200.26**

Product description as Art. 948GB

Ratched head with lever change for R+L operation. Finely toothed. 1/4" female hex drive for inserts.

948GE Each 16,10

Can be used with levers and rods Art. 942 C - 942 P - 946 GSE.
Product running out of stock.**948GF** **Orig. Carolus - Art. 7220**

Product description as Art. 948GB

Fixed end fitting.

Opening	mm	8	9	10	11	12
948GF	Each	3,06	3,06	3,06	3,06	3,06

Can be used with levers and rods Art. 942 C - 942 P - 946 GSE.
Product running out of stock.**948GH** **Orig. Carolus - Art. 7230**

Product description as Art. 948GB

Bi-hexagonal ring end fitting.

Opening	mm	8	9	10	11	12	13
948GH	Each	3,06	3,06	3,06	3,06	3,06	3,06

Can be used with levers and rods Art. 942 C - 942 P - 946 GSE.
Product running out of stock.

SETS OF SOCKETS

950GA **Orig. Gedore - Art. 30 JMU-10**

In CHROME VANADIUM steel. Chrome plated.

Sockets and joints with 3/8" square drive (9.52mm).

Contains 16 tools.

Comprises:

14 hex sockets Art. 952 RA 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19mm

1 extension Art. 953 E 125mm

1 ratchet with lever change, quick release, Art. 953 T 200mm

Complete set.

950GA Each 329,00

Orig. Gedore - Art. D 30 GMU-3

Product description as Art. 950GA

17-tool set.

Each set contains:

12 x 6 - 7 - 8 - 9 - 10 - 11 - 13 - 14 - 15 - 16 - 17 - 19mm bi-hex sockets Art. 952 RB

1 x 200mm ratchet, dial change Art. 953 S

1 x 160mm sliding bar Art. 953 H

1 x 125mm extension Art. 953 E

1 x 250mm extension Art. 953 F

1 x cardan joint Art. 953 I

Complete set.

950GF Each **355,00**

GEDORE  **950GF**



Orig. Gedore - Art. D 30 GAU-10

Product description as Art. 950GA

17-tools set.

12 x bihexagonal sockets Art. 952 RB 7/16 - 1/2 - 9/16 - 19/32 - 5/8 - 11/16 - 3/4inch

1 x ratchet with lever change Art. 953 T 200mm

1 x sliding lever Art. 953 H 160mm

1 x extension Art. 953 E 125mm

1 x extension Art. 953 F 250mm

1 x cardan joint Art. 953 I

Complete assortment.

950GH Each **396,00**

When stocks run out the ratchet lever will be supplied with a black/blue handle.

GEDORE  **950GH**



Orig. Gedore - Art. D 30 HMU-3

Product description as Art. 950GA

Contains 22 tools.

Comprises:

17 bi-hex sockets Art. 952 RB 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22mm

1 sliding lever Art. 953 H mm 160

1 extension Art. 953 E 125mm

1 extension Art. 953 F 250mm

1 ratchet lever with disk, Art. 953 S 200mm

1 cardan joint Art. 953 I

Complete set.

951G Each **410,00**

GEDORE  **951G**



Orig. Gedore - Art. IN 30LKM

In CHROME-VANADIUM steel. Chrome plated.

Sockets and joints with 3/8 inch square driver (9.52 mm). In a plastic box.

For screws with internal hex.

Contains 10 tools.

Comprising:

5 sockets Art. 952 RT 4 - 5 - 6 - 8 - 10mm

5 sockets Art. 952 RTL 4 - 5 - 6 - 8 - 10mm

Complete set.

952L Each **142,00**

GEDORE  **952L**





952M GEDORE



3/8"

Orig. Gedore - Art. ITX 30 TX-015

Product description as Art. 952L

For internal/external TORX-recessed screws.

Contains 15 tools.

Comprising:

7 sockets Art. 952 RV 20 - 25 - 27 - 30 - 40 - 45 - 50mm

8 sockets Art. 952 ST 5 - 6 - 7 - 8 - 10 - 11 - 12 - 14mm

Complete set.

952M Each **238,00**

SOCKETS, 3/8" DRIVE DIN 3120-ISO 1174

952RA GEDORE



3/8"

Orig. Gedore - Art. 30

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

DIN 3124, ISO 2725-1 dimensions in mm. Internal hex type. Length: 28mm.

Opening	mm	6	7	8	9	10	11	12	13	14
952RA	Each	10,10	10,10	9,62	9,64	9,62	9,64	9,64	9,62	10,00
Opening	mm	15	16	17	18	19	20	21	22	24
952RA	Each	10,10	10,10	10,00	10,10	10,10	11,30	11,30	11,20	15,10
Opening	inch	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	19/32
952RA	Each	11,60	10,60	10,80	10,80	10,70	10,70	10,70	10,70	12,10
Opening	inch	5/8	11/16	3/4	7/8					
952RA	Each	11,50	11,50	13,00	13,10					

Size inch 9/32 running out of stock.

952RB GEDORE



3/8"

Orig. Gedore - Art. D 30

Product description as Art. 952RA

DIN 3124, ISO 2725-1 dimensions in mm. Internal bi-hex type. Length: 28mm.

Opening	mm	6	7	8	9	10	11	12	13	14
952RB	Each	10,10	10,10	9,68	9,68	9,68	9,68	9,68	9,64	10,10
Opening	mm	15	16	17	18	19	20	21	22	24
952RB	Each	10,10	10,10	10,10	10,10	10,10	11,20	11,20	11,20	15,10
Opening	inch	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	19/32
952RB	Each	10,50	10,50	10,50	10,50	10,50	10,80	10,80	10,80	12,20
Opening	inch	5/8	11/16	3/4	7/8	15/16	1			
952RB	Each	11,50	11,50	13,00	13,10	13,40	13,90			

952RC GEDORE



3/8"

Orig. Gedore - Art. D 30L

Product description as Art. 952RA

DIN 3124, ISO 2725-1. Long pattern. Internal bi-hex type. Length: 63mm.

Opening	mm	10	11	12	13	14	15	16
952RC	Each	20,40	23,30	21,60	20,40	25,30	23,80	24,00
Opening	mm	17	18	19	20	21	22	
952RC	Each	26,60	27,50	26,60	29,10	32,10	29,10	

952RE GEDORE



3/8"

Orig. Gedore - Art. DG 30

Product description as Art. 952RA

Swivel type. Internal bi-hex type.

Opening	mm	10	11	12	13	14	15	16
Overall length	mm	45	45	45	45	47	49	49
952RE	Each	41,80	43,70	43,70	49,90	50,10	50,10	49,90
Opening	mm	17	18	19				
Overall length	mm	49,5	49,5	49,5				
952RE	Each	56,80	56,80	56,80				

Sizes mm 11, 12 and 16 running out of stock.



Orig. Gedore - Art. IS 30

Product description as Art. 952RA
Flat-tip screwdriver type. Length: 55mm.

Blade width	mm	5,5	6,5	8	10	12
952RN	Each	15,20	22,20	16,80	17,40	20,10

GEDORE 952RN



Orig. Gedore - Art. IKS 30

Product description as Art. 952RA
Phillips screwdriver type. Length: 55mm.

Size	1	2	3	
952RP	Each	17,10	17,10	17,10

GEDORE 952RP



Orig. Gedore - Art. IKS 30 PZD

Product description as Art. 952RA
Pozidriv screwdriver type. Length: 55mm.

Size	1	2	3	
952RQ	Each	19,50	19,50	19,50

GEDORE 952RQ



Orig. Gedore - Art. INX 30

Product description as Art. 952RA
Screwdriver type. External bi-hex type. Length: 49mm.

For screws	M	5	6	8
952RS	Each	17,90	18,10	17,90

GEDORE 952RS



Orig. Gedore - Art. INX 30L

Product description as Art. 952RA
Long pattern. Screwdriver type. External bi-hex type. Length: 94mm.

For screws	M	6	8	10
952RSL	Each	17,90	17,90	18,30

GEDORE 952RSL



Orig. Gedore - Art. IN 30

Product description as Art. 952RA
External hex type. Length: 47mm.

Opening	mm	4	5	6	7	8	10
952RT	Each	10,60	10,60	10,60	10,70	10,60	10,60
Opening	inch	1/8	5/32	3/16	1/4	5/16	3/8
952RT	Each	11,20	11,20	10,90	10,90	14,60	14,80

GEDORE 952RT



Orig. Gedore - Art. IN 30L

Product description as Art. 952RA
Long pattern. External hex type. Length: 95mm.

Opening	mm	4	5	6	7	8	10
952RTL	Each	13,90	13,80	13,80	13,90	13,80	13,90

GEDORE 952RTL

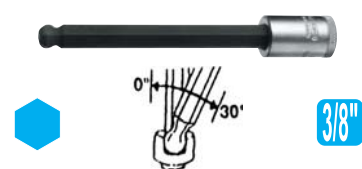


Orig. Gedore - Art. IN 30LK

Product description as Art. 952RA
Long pattern, ball hex type, angled up to 30°. Length: 134mm.

Opening	mm	4	5	6	8	10
952RTS	Each	15,10	15,10	15,10	15,30	17,40

GEDORE 952RTS



Orig. Gedore - Art. ITX 30

Product description as Art. 952RA
External TORX type. Length: 49mm.

TORX size	T	20	25	27	30	40	45	50
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
952RV	Each	14,10	14,10	14,10	14,10	14,10	14,10	14,10

GEDORE 952RV





952RVL GEDORE



3/8"

Orig. Gedore - Art. ITX 30L

Product description as Art. 952RA

Long pattern. External TORX type. Length: 95mm.

TORX size	T	20	25	27	30	40	45	50
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
952RVL	Each	15,60	15,60	15,60	15,60	16,40	16,40	16,40

952ST GEDORE



3/8"

Orig. Gedore - Art. TX 30E

Product description as Art. 952RA

Internal TORX type. Length: 28mm.

TORX size	E	5	6	7	8	10	11	12	14
Seal	mm	4,7	5,6	6,1	7,4	9,3	10,08	11,1	12,8
952ST	Each	14,10	14,10	14,10	14,10	14,10	14,50	14,10	14,10

952SV GEDORE



3/8"

Orig. Gedore - Art. ITX 30B

Product description as Art. 952RA

External TORX type. With hole. Length: 49mm.

TORX size	T	20	25	27	30	40	45	50
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
952SV	Each	17,10	17,10	17,10	17,10	19,60	20,10	27,70

INSERT WRENCHES 3/8" COUPLING DIN 3120-ISO 1174

952T



3/8"

Prod. SCU

In 31CrV3 CHROME-VANADIUM steel. Chrome plated finish.

Hex open end bit type for nuts placed in confined areas.

Opening	mm	10	11	12	13	14	15	16
Overall length	mm	39	40	41	41	42	43	46
Overall width	mm	28	29	30	30	31	32	33,5
Thickness	mm	8,5	8,5	9	9	9	9,2	9,3
Opening width	mm	8	8,5	9,3	10,3	10,5	12,5	13,3
952T	Each	9,78	9,92	10,50	10,80	11,50	11,90	12,40

952Z



3/8"

Orig. Klann

In MOLYBDENUM VANADIUM steel. Burnished finish.

Hex open end bit type for nuts placed in confined areas.

Opening	mm	17	18	19
Overall length	mm	49	49	49
Overall width	mm	35	35	36
Thickness	mm	10	10	10
Opening width	mm	13	14	15
Supplier code		KL-4076-3017	KL-4076-3018	KL-4076-3019
952Z	Each	9,92	10,20	11,20

INSERT WRENCHES 3/8" COUPLING DIN 3180-ISO 1174

953



3/8"

Prod. SCU

In CHROME-VANADIUM steel. Chrome plated.

Insert model including fixed opening for nuts positioned in areas which are difficult to access.

Opening	mm	10	11	12	13	14	15	16
Overall length	mm	33	35	35	36	40	42	42
953	Each	18,50	18,50	18,20	18,20	18,40	18,40	18,90
Opening	mm	17	18	19				
Overall length	mm	45	45	50				
953	Each	20,60	20,60	21,10				

SET OF INSERT WRENCHES 3/8" COUPLING DIN 3180-ISO 1174

953A



3/8"

Prod. SCU

Product description as Art. 953

Set of 10 wrenches Art. 953 size 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19mm.

Boxed.

953A	Series	170,00
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SPARE PARTS FOR SOCKETS

Orig. Gedore - Art. 3084

In CHROME VANADIUM steel. Chrome plated finish.
3/8" square drive (9.52mm).
Brace levers 288mm.

953C Each 38,60



953C



Orig. Gedore - Art. 3094

Product description as Art. 953C
Square drive for Art. 953 P. Length 28,8 mm.

953D Each 4,82



953D



Orig. Gedore - Art. 3090-2

Product description as Art. 953C
Extension length 50mm.

953D 2 Each 15,20



953D 2



Orig. Gedore - Art. 3090-3

Product description as Art. 953C
Extension. Length: 75mm.

953D 3 Each 13,10



953D 3



Orig. Gedore - Art. 3090-5

Product description as Art. 953C
Extension. Length: 125mm.

953E Each 15,40



953E



Orig. Gedore - Art. 3090-10

Product description as Art. 953C
Extension. Length: 250mm.

953F Each 21,90



953F



Orig. Gedore - Art. 3090 KR

Product description as Art. 953C
Angular extensions with 15° inclination.

Overall length	mm	76	125	250
953G	Each	16,50	29,50	32,70



953G



Orig. Gedore - Art. 3087

Product description as Art. 953C
Sliding bar 160mm.

953H Each 18,60



953H



Orig. Gedore - Art. 3095

Product description as Art. 953C
Cardan joint 49mm.

953I Each 37,90



953I



**953L** **3/8"****Orig. Gedore - Art. 3081**
Product description as Art. 953C
Fixed, bent lever 180mm.**953L** Each **22,50****953N** **3/8"****Orig. Gedore - Art. 3096**
Product description as Art. 953C
Jointed lever. Length: 254mm.**953N** Each **48,20****RATCHETS****953P** **3/8"****Orig. Gedore - Art. 3093Z-94**
Product description as Art. 953C
Ratchet with reverse square drive.
Rubber handle. Fine toothed.
Length: 200mm.**953P** Each **45,90****953S** **3/8"****Orig. Gedore - Art. 3093U-3**
Product description as Art. 953C
Ratchet with dial change for R+L operation.
Rubber handle. Fine toothed.
Length: 200mm.**953S** Each **67,20****953T** **3/8"****Orig. Gedore - Art. 3093U-10**
Product description as Art. 953C
Ratchet with lever change for clockwise, counter-clockwise and fixed operation.
Rubber handle. With tip click quick change, with button. Fine toothed.
Length: 200mm.**953T** Each **93,80****953TB** **3/8"****Orig. Gedore - Art. 3093U-20**
Product description as Art. 953C
Ratchet with lever change for R+L operation.
Dual-material handle. With tip click quick change, with button.
Fine toothed.
Length: 200mm.**953TB** Each **90,50****953V** **3/8"****Orig. Gedore - Art. 3093GU-3**
Product description as Art. 953C
Ratchet bent at 180°. With dial change for R+L operation.
Rubber handle. Fine toothed.
Length: 282mm.**953V** Each **104,00****953Z** **3/8"****Orig. Gedore - Art. 3093U-10K**
In synthetic material reinforced with glass fibers. Screwing up to 70 Nm. Very light, compact and handy. Ergonomic handle for easy operation. With lever change for clockwise, counter clockwise and fixed operation.
3/8"square drive. Dimensions:44x145x39mm. Colour: blue.**953Z** Each **46,10****Product running out of stock.****954** **3/8"****Orig. Gedore - Art. 3093 U-3 T**
In special steel. Burnished finish. 3/8" square drive (9.52mm).
Ratchet with dial change for R+L operation. 2-arm grip in anti-slip plastic material.
Ideal for rapid tightening combined with extensions Art. 953 E-F-G.
Length: 140mm.**954** Each **48,50**



SETS OF SOCKETS

Orig. Carolus - Art. 6600.100

In special steel.
 Chrome plated finish. 3/8" square drive sockets and joints.
 Set supplied in metal case.
 Contains 12 tools.
 Comprises:
 10 hex sockets Art. 956 RE 6-7-8-9-10-11-13-14-17-19mm
 1 extension/T grip/reduction from 1/2" to 3/8"
 1 ratchet with lever change, quick release, extra slim head, Art. 956 RTE 195mm
 Complete set.

954GP Each 69,90

Product running out of stock.

carolus by GEDORE 3/8" 954GP



3

Orig. Carolus - Art. 6600.2026/R59003026

In special steel.
 Chrome plated finish. 3/8" (mm 9,52) square drive sockets and joints.
 Set supplied in sturdy plastic case.
 Set of 26 tools.
 The set contains:
 18 hexagonal sockets 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm
 2 sockets for candles 16 - 211 ratchet with lever and quick release
 2 fixed extensions 75 - 150 mm
 1 sliding lever
 1 cardan joint
 1 reduction socket, square connection 3/8" to 1/4"
 Complete assortment.

954GT Each 117,00

carolus by GEDORE 3/8" 954GT



Orig. Carolus - Art. 6612.2059/R59003059

In special steel.
 Chrome plated finish. 3/8" (mm 9,52) square drive sockets and joints.
 Set supplied in sturdy plastic case.
 Set of 59 tools.
 The set contains:
 18 bihexagonal sockets 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm
 10 long hexagonal sockets 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
 7 sockets with external hexagon 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
 3 screwdriver sockets with flat-tip 5,5 - 7 - 8 mm
 2 Phillips screwdriver sockets PH 1 - 2
 2 screwdriver sockets with cross-tip PZD 1 - 2
 9 external TORX screwdriver sockets T15 - 20 - 25 - 27 - 30 - 40 - 45 - 50 - 55
 2 sockets for candles 16 - 21 mm
 1 ratchet with lever and quick release
 2 foxed extensions 75 - 150 mm
 1 cardan joint
 1 reduction socket, square connection 3/8" to 1/4"
 1 sliding adapter, square connection 1/2" to 3/8"
 Complete assortment.

954GV Each 164,00

carolus by GEDORE 3/8" 954GV



SOCKETS, 3/8" DRIVE DIN 3120-ISO 1174

Orig. Carolus - Art. 6100/R5100

In special steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

Internal hex type. Length: 28mm.

Opening	mm	6	7	8	9	10	11	12	13	14
956RE	Each	4,92	4,92	4,92	4,92	4,92	4,92	4,92	4,92	4,92
Opening	mm	15	16	17	18	19	20	21	22	24
956RE	Each	5,20	5,28	5,44	5,48	5,80	6,10	6,10	6,28	4,80
Opening	inch	5/8	3/4							
956RE	Each	3,02	3,18							

Sizes mm 24, inch 5/8 and 3/4 running out of stock.

carolus by GEDORE 3/8" 956RE





956REF **carolus**
by GEDORE



Orig. Carolus - Art. 6180

Product description as Art. 956RE

Type with MULTIPLE PROFILE to tighten screws with hex, hex worn/rounded by up to 50%, polygonal, TORX, XZN-SPLINE, square heads. Length 28mm.

Opening	mm	6	7	8	9	10	11	13
956REF	Each	3,72	3,72	3,72	3,72	3,72	3,72	3,72
Opening	mm	14	15	17	20	24		
956REF	Each	3,72	4,04	4,04	4,80	4,80		

Product running out of stock.

956RET **carolus**
by GEDORE



Orig. Carolus - Art. 6300

Product description as Art. 956RE

Internal TORX type. Length: 26mm.

TORX size	E	4	5	7	14	16	18
Seal	mm	3,8	4,7	6,1	12,8	14,7	16,7
956RET	Each	3,72	3,72	3,72	4,04	4,04	4,18

Product running out of stock.

956REZ **carolus**
by GEDORE



Orig. Carolus - Art. 6060

Product description as Art. 956RE

Swivel type. Internal hex type. Length: 49mm.

Opening	mm	15	17
956REZ	Each	6,34	6,66

Product running out of stock.

SPARE PARTS FOR SOCKETS

956RGA **GEDORE**
new



Orig. Gedore red - Art. R55100024

CHROME-VANADIUM steel. Chrome plated finish.

3/8" square drive (mm 9.52).

Extension. Length 125 mm.

956RGA	Each	6,64
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956RH **carolus**
by GEDORE



Orig. Carolus - Art. 6150.15/R55100029

In special steel. Chrome plated finish.

3/8" square drive (9.52mm).

Extension. Length: 150mm.

956RH	Each	8,02
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956RHE **carolus**
by GEDORE



Orig. Carolus - Art. 6150.250

Product description as Art. 956RH

Extension. Length 250mm.

956RHE	Each	10,20
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Product running out of stock.

956RHF **GEDORE**
new



Orig. Gedore red - Art. R55200039

CHROME-VANADIUM steel. Chrome plated finish.

3/8" square drive (mm 9.52).

Sliding lever 200 mm.

956RHF	Each	13,90
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Orig. Carolus - Art. 6070.10

In special steel. Chrome plated finish.
3/8" square drive (mm 9.52).
Socket reduction for inserts, 3/8" square drive, 5/16" hex drive. Length 30mm.

956RLA Each **5,46**

Product running out of stock.



956RLA



Orig. Carolus - Art. 6015.15

Product description as Art. 956RLA
Socket adapter, 3/8" square drive and 15mm male hexagonal drive. Length 24 mm.

956RM Each **6,38**

Ideal for use in combination with ratchet wrenches
Art. 879 Dx15-879 FEx15-879 GEx15-879 GMx15.
Product running out of stock.



956RM



RATCHETS

Orig. Gedore red - Art. R50000027

CHROME-VANADIUM steel. Chrome plated finish.
3/8" square drive (mm 9.52).
Ratchet lever with lever for movement L+R.
Two-component rubber handle. With a quick and safe push-button release system.
Fine toothing.
Length 180 mm.

956RPA Each **40,20**



956RPA
new



Orig. Gedore red - Art. R50050009

Product description as Art. 956RPA
Bent type to avoid injury to the hand during use.
Ratchet lever with lever for movement L+R.
Two-component rubber grip. With quick and secure release system, push-button.
Length 210 mm.

956RPE Each **40,20**



956RPE
new



Orig. Carolus - Art. 6190.30

In special steel. Chrome plated finish.
3/8" square drive (9.52mm).
Ratchet with dial change for R+L operation.
Rubber dual component handle. Fine toothed.
Length: 200mm.

956RS Each **31,60**

Product running out of stock.



956RS



Orig. Carolus - Art. 6190.20

Product description as Art. 956RS
Ratchet with lever change for R+L movement.
Rubber bi-component handle. With button-operated quick-release safety system. Fine toothed.
Length 205mm.

956RT Each **31,60**

Product running out of stock.



956RT



Orig. Gedore red - Art. R50120027

CHROME-VANADIUM steel. Chrome plated finish.
3/8" square drive (mm 9.52).
Ratchet lever, with lockable angle in 5 different positions. With L+R movement lever.
Two-component rubber handle. With a quick and safe push-button release system. Fine toothing.
Length 246 mm.

956RTP Each **59,10**



956RTP
new



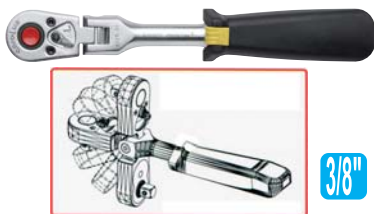
**956RV** **carolus**
by GEDORE

3/8"

Orig. Carolus - Art. 6290.00

In special steel. Chrome plated finish.
3/8" square drive (9.52mm).
Flexible ratchet, multi angled. With dial change for R+L operation.
Rubber handle. Fine toothed.
Length: 225mm.

956RV Each 57,20

Product running out of stock.**956RZ** **carolus**
by GEDORE

3/8"

Orig. Carolus - Art. 6225.00

Product description as Art. 956RV
Flexible ratchet, multi-angled. With lever change for R+L movement.
Rubber bi-component handle. With button-operated quick-release safety system. Fine toothed.
Length 225mm.

956RZ Each 57,20

Product running out of stock.**SETS OF SOCKETS****957GA** **GEDORE**
957GB

1/2"

**Orig. Gedore - Art. 19 KMU-20**

In CHROME-VANADIUM steel. Chrome plated finish.
Sockets and joints with 1/2 inch square driver (12.7 mm). Supplied in metal casing.
Contains 13 tools.
Comprises:
11 hex sockets Art. 969 RA 10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 - 24mm
1 extension Art. 970 RF 125mm
1 ratchet with lever change, quick release, Art. 970 RTB 270mm
Complete set.

957GA Each 286,00

Orig. Gedore - Art. D 19 KMU-20

Product description as Art. 957GA
Contains 13 tools.
Comprises:
11 polygonal sockets Art. 969 RB 10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 - 24mm
1 extension Art. 970 RF 125mm
1 ratchet with lever change, quick release, Art. 970 RTB 270mm
Complete set.

957GB Each 286,00

960GA **GEDORE**

1/2"

**Orig. Gedore - Art. 19 JMU-3**

Product description as Art. 957GA
Contains 19 tools.
Comprises:
15 hex sockets Art. 969 RA 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24mm
1 extension Art. 970 RF 125mm
1 extension Art. 970 RF 250mm
1 ratchet lever with disk Art. 970 RS 270mm
1 cardan joint Art. 970 RI
Complete set.

960GA Each 380,00

Orig. Gedore - Art. D 19 TMU-10

Product description as Art. 957GA

Contains 25 tools.

Comprises:

19 bi-hex sockets Art. 969 RB 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32mm

1 speed brace Art. 970 RC 395mm

1 ratchet with lever change, quick release, Art. 970 RT

1 sliding lever Art. 970 RH 290mm

1 extension Art. 970 RF 125mm

1 extension Art. 970 RF 250mm

1 cardan joint Art. 970 RI

Complete set.

968G Each **530,00**

GEDORE  **968G**



Orig. Gedore - Art. D 19 EMU-20

Product description as Art. 957GA

Contains 23 tools.

Comprises:

18 bi-hex sockets Art. 969 RB 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32mm

1 ratchet with lever change, quick release, Art. 970 RTB

1 sliding lever Art. 970 RH 290mm

1 extension Art. 970 RF 125mm

1 extension Art. 970 RF 250mm

1 cardan joint Art. 970 RI

Complete set.

968GK Each **464,00**

GEDORE  **968GK**
968GL



Orig. Gedore - Art. 19 EMU-20

Product description as Art. 957GA

Contains 23 tools.

Comprises:

18 hex sockets Art. 969 RA 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32mm

1 ratchet with lever change, quick release, Art. 970 RTB

1 sliding lever Art. 970 RH 290mm

1 extension Art. 970 RF 125mm

1 extension Art. 970 RF 250mm

1 cardan joint Art. 970 RI

Complete set.

968GL Each **462,00**

Orig. Gedore - Art. D 19 WAU-20

Product description as Art. 957GA

Contains 32 tools.

Comprises:

20 polygonal sockets Art. 969 RB size: 5/16 - 11/32 - 3/8 - 13/32 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 - 11/16 - 3/4 - 25/32 - 13/16 - 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4 inches

8 Allen wrenches, supporting, size 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 inches

1 ratchet with lever change, quick release, Art. 970 RTB 270mm

1 extension Art. 970 RF 125mm

1 extension Art. 970 RF 250mm

1 cardan joint Art. 970 RI

Complete set.

969GA Each **529,00**

GEDORE  **969GA**



**969GD** **1/2"****Orig. Gedore - Art. D 19 IMU-10**
Product description as Art. 957GA

27-tool set.

Each set contains:

12 x 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 - 24 - 27 - 30mm bi-hex sockets Art. 969 RB
 1 x 270mm ratchet, dial change Art. 970 RT, 1 x cardan joint Art. 970 RI
 1 x 125mm extension Art. 970 RF, 1 x 250mm extension Art. 970 RF
 7 x 5 - 6 - 7 - 8 - 10 - 12 - 14mm external hex sockets Art. 969 RV
 2 x 8mm - 10mm flat-tip sockets Art. 969 RD
 2 x cross-tip sockets Size 2 - 3 Art. 969 RF
 Complete assortment.

969GD Each **537,00****Orig. Gedore - Art. 19 IMU-10**
Product description as Art. 957GA

27-tool set.

Each set contains:

12 x 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 - 24 - 27 - 30mm Art. 969 RA
 1 x 270mm ratchet, dial change Art. 970 RT, 1 x cardan joint Art. 970 RI
 1 x 125mm extension Art. 970 RF, 1 x 250 extension Art. 970 RF
 7 x 5 - 6 - 7 - 8 - 10 - 12 - 14mm external hex sockets Art. 969 RV
 2 x 8mm - 10mm flat-tip sockets Art. 969 RD
 2 x cross-tip sockets Size 2 - 3 Art. 969 RF
 Complete assortment.

969GE Each **536,00****When stocks run out the ratchet lever will be supplied with a black/blue handle.****969GH** **1/2"****1/4"****Orig. Gedore - Art. 19V 20U-10**

In CHROME VANADIUM steel. Chrome plated finish.

Sockets and joints with 1/4" square drive (6.35mm) and 1/2"square drive (12.7mm).

Assorted sets supplied in metal case.

50-tool set.

Composition:

1 ratchet lever 1/2" drive, quick release, Art. 970 RT mm 270
 12 hexagonal bushes 1/2" drive Art. 969 RA mm 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 - 24 - 27 - 30
 1 extension 1/2" drive Art. 970 RF mm 125
 1 extension 1/2" drive Art. 970 RF mm 250
 1 cardan joint 1/2" drive Art. 970 RI
 5 bushes with external hexagonal 1/2" drive Art. 969 RV mm 7 - 8 - 10 - 12 - 14
 2 straight screwdriver sockets 1/2" drive Art. 969 RD mm 8 - 10
 1 Phillips screwdriver PH 1/2" drive Art. 969 RF 3
 11 hexagonal bushes 1 / 4" drive Art. 941 RA mm 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 13
 1 ratchet lever 1/4" drive with disc, Art. 942 T mm 127,
 1 sliding lever 1/4" drive Art 942 G
 1 extension 1/4" drive Art. 942 E mm 50
 1 extension 1/4" drive Art. 942 E mm 100
 1 cardan joint 1/4" drive Art. 942 H
 1 rod holder with plastic handle 1/4" drive Art. 942 P
 4 bushes with external hexagon 1/4" drive Art. 941 RF mm 3 - 4 - 5 - 6
 3 screwdriver bits straight cutting 1/4" drive Art. 941 RB mm 4 - 5.5 - 6.5
 2 Phillips screwdriver PH 1/4" drive Art. 941 RC 1 - 2
 Complete assortment.

969GH Each **799,00**



SOCKETS 1/2" DRIVE, DIN 3120-ISO 1174

Orig. Gedore - Art. 19

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

DIN 3124, ISO 2725-1. Internal hex type.



969RA

Opening	mm	8	9	10	11	12	13	14
Overall length	mm	38	38	38	38	38	38	38
969RA	Each	10,30	10,40	8,82	9,46	9,46	8,82	9,72
Opening	mm	15	16	17	18	19	20	21
Overall length	mm	39	39	39	39	40	40	41
969RA	Each	9,72	9,72	10,40	11,20	10,40	11,40	12,30
Opening	mm	22	23	24	25	26	27	28
Overall length	mm	41	41	41	41	41	41	43
969RA	Each	11,40	12,60	12,60	14,60	13,70	15,80	16,80
Opening	mm	29	30	32	33	34	36	
Overall length	mm	43	43	44	44	44	44	
969RA	Each	17,50	16,90	16,90	18,40	18,30	25,60	



1/2"

3

Orig. Gedore - Art. D19

Product description as Art. 969RA

DIN 3124, ISO 2725-1 dimensions in mm. Internal bi-hex type



969RB

Opening	mm	8	9	10	11	12	13	14
Overall length	mm	38	38	38	38	38	38	38
969RB	Each	10,40	10,80	8,86	9,54	9,54	8,82	9,72
Opening	mm	15	16	17	18	19	20	21
Overall length	mm	39	39	39	39	40	40	41
969RB	Each	9,74	9,74	10,40	11,20	10,40	11,40	12,30
Opening	mm	22	23	24	25	26	27	28
Overall length	mm	41	41	41	41	41	41	43
969RB	Each	11,40	12,60	12,60	14,80	14,20	16,20	17,30
Opening	mm	29	30	32	33	34	36	
Overall length	mm	43	43	44	44	44	44	
969RB	Each	18,10	17,30	17,30	18,40	18,30	25,60	
Opening	inch	5/16	11/32	3/8	13/32	7/16	1/2	9/16
Overall length	mm	38	38	38	38	38	38	38
969RB	Each	10,90	13,30	10,80	10,90	10,90	11,20	11,30
Opening	inch	19/32	5/8	11/16	3/4	25/32	13/16	7/8
Overall length	mm	39	39	39	40	40	41	41
969RB	Each	11,40	11,40	12,10	12,10	12,10	13,60	13,60
Opening	inch	15/16	1	1.1/16	1.1/8	1.3/16	1.1/4	
Overall length	mm	41	41	41	43	43	44	
969RB	Each	14,50	14,50	17,80	17,90	18,40	19,50	



1/2"

Orig. Gedore - Art. 19L

Product description as Art. 969RA

DIN 3124, ISO 2725-1. Long pattern, internal hex type



969RBE

Opening	mm	10	11	12	13	14	15	16
Overall length	mm	77	77	77	77	77	77	77
969RBE	Each	24,30	24,20	24,30	24,30	25,20	27,10	27,10
Opening	mm	17	18	19	21	22	24	27
Overall length	mm	77	82	82	82	82	82	82
969RBE	Each	27,10	27,90	26,10	33,10	29,90	31,10	32,40
Opening	mm	30	32	34				
Overall length	mm	82	82	82				
969RBE	Each	33,80	36,60	38,30				



1/2"

16 - 18 - 21 mm openings with hole for levers.



969RC GEDORE



1/2"

Orig. Gedore - Art. D19L

Product description as Art. 969RA
DIN 3124, ISO 2725-1. Long pattern. Internal hex type.

Opening	mm	10	12	13	14	15	16	17	18
Overall length	mm	77	77	77	77	77	77	77	82
969RC	Each	23,50	23,50	23,40	24,50	26,20	26,30	26,10	27,10
Opening	mm	19	21	22	24	27	30	32	34
Overall length	mm	82	82	82	82	82	82	82	82
969RC	Each	25,30	27,40	27,90	28,50	31,70	33,10	34,60	37,40

16 - 18 - 21 mm openings with hole for levers.

969RD GEDORE



1/2"

Orig. Gedore - Art. IS19

Product description as Art. 969RA
Flat-tip screwdriver type. Length: 60mm.

Blade width	mm	6,5	8	10	12	14	16	18
Blade thickness	mm	1,2	1,2	1,6	2	2,5	2,5	2,5
969RD	Each	23,40	18,10	18,10	19,10	21,80	22,90	23,40

969RF GEDORE



1/2"

Orig. Gedore - Art. IKS19

Product description as Art. 969RA
Phillips screwdriver type. Length: 60mm.

Size		2	3	4
969RF	Each	17,20	17,20	17,20

969RL GEDORE



1/2"

Orig. Gedore - Art. IKS19 PZD

Product description as Art. 969RA
Pozidriv screwdriver type. Length: 60mm.

Size		2	3	4
969RL	Each	17,20	17,20	18,30

969RM GEDORE



1/2"

Orig. Gedore - Art. INX19

Product description as Art. 969RA
External bi-hex type. Length: 55mm.

For screws	M	5	6	8	10	12	14
969RM	Each	17,10	17,20	17,10	19,80	21,90	22,80

969RP GEDORE



1/2"

Orig. Gedore - Art. INX19L

Product description as Art. 969RA
Long pattern. External hex type. Length: 100mm.

For screws	M	6	8	10	12	14
969RP	Each	18,10	18,10	22,60	26,10	28,10

969RQ SCU



1/2"

Prod. SCU

Product description as Art. 969RA
RIBE type. Length: 55mm.

For screws	M.	5	6	8	10	12	14	16
969RQ	Each	8,48	8,48	8,48	8,48	8,48	9,04	9,78

969RQ 1 SCU



1/2"

Product description as Art. 969RA
Long pattern. RIBE type. Length: 100mm.

For screws	M.	5	6	8	10	12	14	16
969RQ 1	Each	20,70	8,48	8,48	8,48	9,96	10,40	12,50

Size M. 5 running out of stock.



Orig. Gedore - Art. ITX 19

Product description as Art. 969RA
External TORX type. Length: 55mm.

TORX size	T	20	25	27	30	40	45	50
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
969RS	Each	16,40	16,40	16,40	16,40	18,70	18,70	18,70
TORX size	T	55	60					
Seal	mm	11,22	13,25					
969RS	Each	24,40	24,40					

GEDORE

969RS



1/2"

Orig. Gedore - Art. ITX 19 L

Product description as Art. 969RA
Long pattern. External TORX type. Length: 100mm.

TORX size	T	20	25	27	30	40	45	50
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
969RT	Each	19,20	19,20	19,20	19,20	21,80	21,80	21,80
TORX size	T	55	60	70				
Seal	mm	11,22	13,25	15,51				
969RT	Each	28,30	28,30	34,10				

GEDORE

969RT



1/2"

Orig. Gedore - Art. TX 19 E

Product description as Art. 969RA
Internal TORX type. Length: 38mm.

TORX size	E	10	11	12	14	16	18	20	24
Seal	mm	9,3	10,08	11,1	12,8	14,7	16,6	18,4	22,1
969RT 1	Each	14,40	14,50	14,40	15,70	15,70	16,60	16,60	22,90

GEDORE

969RT 1



1/2"

Prod. SCU

Product description as Art. 969RA
External TORX type. With hole.

TORX size	T	20	25	27	30	40	45	50
Overall length	mm	55	55	55	55	55	55	55
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
969RT 3	Each	8,28	8,28	8,28	8,28	8,28	8,28	8,28
TORX size	T	55	60	70				
Overall length	mm	55	60	60				
Seal	mm	11,22	13,25	15,51				
969RT 3	Each	8,28	10,20	12,70				

SCU

969RT 3



1/2"

Product description as Art. 969RA

Long pattern. External TORX type. With hole. Length: 100mm. (Only size 70: 140mm length).

TORX size	T	20	25	27	30	40	45	50
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
969RT 5	Each	9,50	9,50	9,50	9,50	9,50	9,50	9,50
TORX size	T	55	60	70				
Seal	mm	11,22	13,25	15,51				
969RT 5	Each	9,50	10,80	15,60				

SCU

969RT 5



1/2"

Orig. Gedore - Art. IN 19

Product description as Art. 969RA
External hex type. Length: 60mm.

Opening	mm	4	5	6	7	8	9	10
969RV	Each	10,90	10,90	10,90	10,90	10,90	11,70	12,50
Opening	mm	12	14	17	19			
969RV	Each	12,50	15,20	16,80	17,50			
Opening	inch	3/16	7/32	1/4	9/32	5/16	3/8	1/2
969RV	Each	12,10	12,10	12,10	12,20	12,40	12,40	14,10
Opening	inch	9/16	5/8					
969RV	Each	16,10	18,40					

GEDORE

969RV



1/2"

Orig. Gedore - Art. IN 19L

Product description as Art. 969RA
Long pattern. External hex type.

Opening	mm	5	5L	6	6L	7	8	10
Overall length	mm	90	180	90	160	100	120	140
969RZ	Each	12,60	14,90	12,60	14,90	12,70	14,20	17,10
Opening	mm	12	14					
Overall length	mm	140	140					
969RZ	Each	18,10	21,10					

GEDORE

969RZ



1/2"



969RZ 1 GEDORE



Orig. Gedore - Art. IN 19LK

Product description as Art. 969RA

Long pattern. Ball hex type, bent up to 20°.

Opening	mm	6	7	8	10	12	14
Overall length	mm	140	140	140	140	140	140
969RZ 1	Each	16,10	17,50	18,20	19,90	21,90	32,10

969RZ 3 GEDORE



Orig. Gedore - Art. IN 19K

Product description as Art. 969RA

Type with ball hexagon, for use inclined by up to 20°.

Opening	mm	6	7	8	10	12	14
Overall length	mm	60	60	60	60	60	60
969RZ 3	Each	12,50	12,70	13,40	15,20	17,40	19,30

INSERT WRENCHES 3/8" DRIVE, DIN 3120-ISO 1174

970RA GEDORE



Orig. Klann

In CHROME-MOLYBDENUM steel. Burnished steel.

Hex open end bit type for nuts placed in confined areas.

Opening	mm	22	24	27	30	32
Overall length	mm	57	60	62	68	72
Overall width	mm	40	43	48	52	56
Thickness	mm	12	12	12	12	13
Opening width	mm	17	19	23	24	26
Supplier code		KL-4076-3022	KL-4076-3024	KL-4076-3027	KL-4076-3030	KL-4076-3032
970RA	Each	14,10	15,70	17,10	22,50	24,70

Wrenches particularly used in the motor industry, to be used with dynamometric wrenches.

INSERT WRENCHES 3/8" DRIVE, DIN 3120-ISO 1174 IN SET

970RAL GEDORE
new



Orig. Gedore red - Art. R68003013

In CHROME-MOLYBDENUM steel. Burnished steel.

Composition:

11 insert wrenches with an open hexagonal nut for nuts mm 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 30 - 32

Lever handle with square drive for 1 / 2", with retaining ball

Length extension mm 125

In plastic case.

Complete assortment.

970RAL	Each	218,00
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Wrenches particularly used in the motor industry, to be used with dynamometric wrenches.

INSERT WRENCHES 3/8" DRIVE, DIN 3120-ISO 1174

970RB GEDORE



Orig. Klann

In CHROME-MOLYBDENUM steel. Burnished steel.

Open jaw spanner type for nuts in confined areas.

Opening	mm	41	46
Overall length	mm	89	91
Overall width	mm	88	92
Thickness	mm	13	13
Supplier code		KL-4076-3041	KL-4076-3046
970RB	Each	35,30	38,30

Wrenches particularly used in the motor industry, to be used with dynamometric wrenches.
Product running out of stock.



SPARE PARTS FOR SOCKETS

Orig. Gedore - Art. 1985

In CHROME VANADIUM steel.
 Chrome plated finish. 1/2" square drive (12.7mm).
 Brace levers 395mm.

970RC Each **36,20**

GEDORE 1/2" **970RC**



Orig. Gedore - Art. 1994

Product description as Art. 970RC
 Square drives 37mm.

970RD Each **5,34**

GEDORE 1/2" **970RD**



Orig. Gedore - Art. 1990

Product description as Art. 970RC
 Extensions.

Overall length	mm	63	76	125	180	250	305
970RF	Each	14,20	14,20	15,30	19,10	21,60	26,50

GEDORE 1/2" **970RF**



Orig. Gedore - Art. 1990A

Product description as Art. 970RC
 Extension provided with ring nut for rapid release.

Overall length	mm	125	250
970RF 1	Each	36,40	40,10

GEDORE 1/2" **970RF 1**



Particularly suitable to be used with ratchet wrenches Art. 970 RT-970 RTB-970 RU-970 RV-970 S.

Orig. Gedore - Art. 1990 KR

Product description as Art. 970RC
 Angular extensions with 15° inclination.

Overall length	mm	125	180	250
970RG	Each	24,80	35,10	30,70

GEDORE 1/2" **970RG**



Orig. Gedore - Art. 1990 M

Product description as Art. 970RC
 Extensions with magnet to hold nuts and bolts in screwing/unscrewing operations. Particularly suitable for use in places that are hard to access.

Overall length	mm	83
970RGE	Each	50,10

GEDORE 1/2" **970RGE**



Orig. Gedore - Art. 1987

Product description as Art. 970RC
 Sliding bars 290mm.

970RH Each **23,40**

GEDORE 1/2" **970RH**



Orig. Gedore - Art. 1995

Product description as Art. 970RC
 Cardan joints 73mm.

970RI Each **38,50**

GEDORE 1/2" **970RI**



Orig. Gedore - Art. 1981 K

Product description as Art. 970RC
 Fixed, bent levers 220mm.

970RL Each **21,30**

GEDORE 1/2" **970RL**



Orig. Gedore - Art. 1997

Product description as Art. 970RC
 Jointed levers 380mm.

970RM Each **65,70**

GEDORE 1/2" **970RM**



When stocks run out the ratchet lever will be supplied with a black/blue handle.



RATCHETS

970RN GEDORE

1/2"

**Orig. Gedore - Art. 1940**

Product description as Art. 970RC

Fixed knurled disk to be inserted between the ratchet lever and the socket for rapid approach of screws.

970RN Each 9,64

970RP GEDORE

1/2"

**Orig. Gedore - Art. 1993Z-94**

Product description as Art. 970RC

Ratchets with reverse square drive. Rubber handle. Fine toothed.

Length: 270mm.

970RP Each 56,10

970RS GEDORE

1/2"

**Orig. Gedore - Art. 1993U-3**

Product description as Art. 970RC

Ratchets with dial change for R+L operation.

Rubber handle. Fine toothed.

970RS Each 70,80

970RT GEDORE

1/2"

**Orig. Gedore - Art. 1993U-10T**

Product description as Art. 970RC

Ratchets with lever change for clockwise, counter-clockwise and fixed operation.

Rubber handle. Fine toothed. Length: 270mm.

Tip klick quick change, with button.

970RT Each 105,00

For spare parts and ratchet levers with safety insulation EN60900 see Art. 353 G L-M-N.**While stocks last the ratchet lever will be supplied with a black/blue handle.**

970RTB GEDORE

1/2"

**Orig. Gedore - Art. 1993U-20**

Product description as Art. 970RC

Ratchets with lever change for clockwise and counter-clockwise operation.

Dual component handle. Fine toothed. Length: 270mm.

Tip klick quick change, with button.

970RTB Each 91,30

970RU GEDORE

1/2"

**Orig. Gedore - Art. 1993U-10L**

Product description as Art. 970RC

Ratchets with lever change for clockwise, counter-clockwise and fixed operation.

Rubber handle. Fine toothed. Length: 350mm.

Tip klick quick change, with button.

970RU Each 126,00

970RV GEDORE

1/2"

**Orig. Gedore - Art. 1993ALU-10**

Product description as Art. 970RC

Ratchets, in aluminum, weight: 350gr, with lever change for clockwise, counter-clockwise and fixed operation.

Rubber handle. Fine toothed. Length: 270mm.

970RV Each 134,00

When stocks run out the ratchet lever will be supplied with a black/blue handle.

970RZ GEDORE

1/2"

**Orig. Gedore - Art. 1993GU-3**

Product description as Art. 970RC

Ratchets, bent at 180°. With dial change for R+L and fixed operation. Rubber handle. Fine

toothed. Length: 282mm.

970RZ Each 102,00

When stocks run out the ratchet lever will be supplied with a black/blue handle.



SPARE PARTS FOR SOCKETS

Orig. Gedore - Art. 1993GU-10XL

Product description as Art. 970RC

Ratchets extra-long, connection 180° with block, weight: 350gr, with lever change for R+L and fixed operation.

Rubber handle. Fine toothed. Length: 600mm. Tip click quick change, with button.

970S Each **189,00**

When stocks run out the ratchet lever will be supplied with a black/blue handle.

GEDORE

1/2"

970S



RATCHETS

Orig. Gedore - Art. 1993U-10K

In synthetic material reinforced with glass fibers. Screwing up to 70 Nm. Very light, compact and handy. Ergonomic handle for easy operation. With lever for clockwise, counter clockwise and fixed operation.

1/2" square drive. Dimensions: 44x145x43mm. Colour: black.

970T Each **51,10**

Product running out of stock.

GEDORE

1/2"

970T



Prod. SCU

Telescopic type with 6-position adjustable length, 300mm to 445mm.

In sturdy steel pipe, dual-component handle with safe grip.

With lever change for RIGHT/LEFT movement and quick release system, with button.

1/2" square drive.

970V Each **75,40**

SCU

1/2"

970V



ESTENSIBILE

Orig. Carolus - Art. 5190.0600/R60010027

Telescopic type with 6-position adjustable length, 460mm to 600mm.

In sturdy steel pipe, dual-component handle with safe grip.

With lever change for RIGHT/LEFT movement and quick release system, with button.

1/2" square drive.

970VA Each **65,10**

carolus
by GEDORE

1/2"

970VA



ESTENSIBILE

Orig. Gedore - Art. 1993 TU-10

Telescopic type for professional use with high torque transmission (max 600 Nm), with adjustable length to 8 positions, from 400 mm to 600 mm.

In sturdy steel tube and handle in two-component material for a secure grip. CR With lever for movement L+R and quick release system, push-button.

Square connection 1/2 ".

970VC Each **196,00**

GEDORE

1/2"

970VC
new



ESTENSIBILE

Orig. Carolus - Art. 5190.0580/R60110009

Telescopic type ARTICULATED to 180°, with 10° working angle, for work in difficult to access areas. 6-position adjustable length, 430mm to 580mm.

In sturdy steel pipe, dual-component handle with safe grip.

With lever change for RIGHT/LEFT movement and quick release system, with button.

1/2" square drive.

970VE Each **73,20**

carolus
by GEDORE

1/2"

970VE



ESTENSIBILE





SETS OF SOCKETS

971A

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5500.105**

In special steel. Chrome plated finish.

Sockets and joints with 1/2" drive.

Assorted set supplied in metal case.

Contains 12 tools.

Comprises:

10 bi-hex sockets Art. 971 RLE 10 - 11 - 13 - 14 - 15 - 17 - 19 - 22 - 24 - 27mm

1 extension/T grip/conversion from 3/8" to 1/2"

1 ratchet with lever change, quick release, extra slim head, Art. 971 RTE 250mm

Complete set.

971A Each 97,10

Product running out of stock.

971B

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5500.100**

Product description as Art. 971A

Contains 12 tools.

Comprises:

10 hex sockets Art. 971 RM 10 - 11 - 13 - 14 - 15 - 17 - 19 - 22 - 24 - 27mm

1 extension/T grip/conversion from 3/8" to 1/2"

1 ratchet with lever change, quick release, extra slim head, Art. 971 RTE 250mm

Complete set.

971B Each 97,10

Product running out of stock.

971GE

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5000.00/R69004024**

Product description as Art. 971A

24-tool set.

Each set contains:

17 x 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 28 - 30 - 32mm hexagonal sockets Art. 971 RM

1 x insert socket adapter, 1/2" square drive, 5/16" hex drive Art. 971 RI

1 x 75mm extension Art. 971 RA

1 x 125mm extension Art. 971 RD

1 x 250mm extension Art. 971 RE

1 x 65mm cardan joint Art. 971 RG

1 x 250mm sliding bar Art. 971 RF

1 x 280mm ratchet, lever change, rapid release Art. 971 RT

Complete assortment.

971GE Each 224,00

971GN

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5500.400**

Product description as Art. 971A

Contains 32 tools.

Comprises:

19 hex sockets Art. 971 RM 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34mm

8 external hex sockets Art. 971 RQ 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17mm

1 extension Art. 971 RD 125mm

1 joint Art. 971 RG

1 extension/T grip/extension from 3/8" to 1/2"

1 ratchet with lever change, quick release, extra slim head, Art. 971 RTE 250mm

Complete set.

971GN Each 198,00

Product running out of stock.



Orig. Carolus - Art. 5500.525

Product description as Art. 971A

Contains 33 tools.

Comprises:

20 polygonal sockets Art. 971 RLE 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34mm

9 external TORX sockets Art. 971 RQT 20 - 25 - 27 - 30 - 40 - 45 - 50 - 55 - 60mm

1 extension Art. 971 RD 125mm

1 extension/T grip/extension from 3/8" to 1/2"

1 ratchet with lever change, quick release, extra slim head, Art. 971 RTE 250mm

Complete set.

971GP Each **194,00**

Product running out of stock.

carolus
by GEDORE

1/2"

971GP



3

Orig. Carolus - Art. 5500.2024/R69003024

In special steel. Chrome plated finish.

Sockets and joints with 1/2" square drive (12,7mm).

Assorted sets supplied in sturdy plastic case.

Set of 24 tools.

The set contains:

17 hexagonal sockets 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm

2 sockets for candles 16 - 21 mm

1 ratchet with lever and quick release

2 fixed extensions 125 - 250 mm

1 sliding lever

1 cardan joint

Complete assortment.

971GPE Each **141,00**

carolus
by GEDORE

1/2"

971GPE



Orig. Carolus - Art. 5512.2024/R69013024

Product description as Art. 971GPE

Set of 24 tools.

Th set contains:

20 bihexagonal sockets 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32 mm

1 ratchet with lever and quick release

2 fixed extensions 125 - 250 mm

1 sliding adapter, square connection, 3/8" to 1/2"

Complete assortment.

971GPL Each **141,00**

carolus
by GEDORE

1/2"

971GPL



Orig. Carolus - Art. 5800.00/R46004049

In special steel. Chrome plated finish.

Sockets and joints with square drive 1/4" (6.35mm) and 1/2" (12.7mm).

Sets supplied in metal case.

49-tool set.

Each set contains:

1 x 280mm ratchet, lever change, rapid release, 1/2" drive Art. 971 RT

13 x 10-11-12-13-14-15-16-17-18-19-21-22-24mm hexagonal sockets, 1/2" drive Art. 971 RM

1 x 75mm extension, 1/2" drive Art. 971 RA

1 x 125mm extension, 1/2" drive Art. 971 RD

1 x 250mm extension, 1/2" drive Art. 971 RE

1 x 1/2" cardan joint Art. 971 RG

1 x insert socket adapter, 1/2" square drive, 5/16" hex drive Art. 971 RI

12 x 4-4.5-5-5.5-6-7-8-9-10-11-12-13mm hexagonal sockets, 1/4" drive Art. 946 GA

7 x 1/4" external Torx sockets with hole T 10 - 15 - 20 - 25 - 27 - 30 - 40

1 x 120mm ratchet, lever change, rapid release, 1/4" drive Art. 946 GL

1 x 1/4" cardan joint Art. 946 GS

1 x 50mm extension, 1/4" drive Art. 946 GP

1 x 100mm extension, 1/4" drive 946 GP

4 x 4 - 5 - 6 - 8mm external hex sockets, 1/4" drive Art. 946 GH

1 x 5.5mm flat-tip socket, 1/4" drive Art. 946 GC 5,5

1 x cross-tip PH socket, 1/4" drive Art. 946 GE 2

1 x cross-tip PZD2 socket, 1/4" drive Art. 946 GF 2

Complete assortment.

971GR Each **274,00**

carolus
by GEDORE

1/2"

971GR

1/4"



**971GTE carolus**
by GEDORE**Orig. Carolus - Art. 5800.2094/R46003094**

In special steel. Chrome plated finish.

Sockets and joints with square drive of 1/2" (12,7mm) and 1/4" (6,35mm), hex shank bits 5/16 C 8. Assorted sets supplied in sturdy plastic case.

Set of 94 tools.

The set contains:

- 19 hexagonal sockets, 1/2" connection, 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 28 - 30 - 32 mm
 - 4 long hexagonal sockets (77mm), 1/2" connection, 14 - 15 - 17 - 19 mm
 - 2 sockets for candles, 1/2" connection, 16 - 21 mm
 - 1 ratchet with lever and quick release, 1/2" connection
 - 2 fixed extensions 125 - 250 mm, 1/2" connection
 - 1 sliding lever, 1/2" connection
 - 1 cardan joint, 1/2" connection
 - 1 sliding adapter, square connection 3/8" to 1/2"
 - 1 insert socket adapter, square connection 1/2", hexagonal connection 5/16"
 - 13 hexagonal sockets, 1/4" connection, 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
 - 8 long hexagonal sockets (50mm), 1/4" connection, 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
 - 4 external hex sockets, 1/4" connection, 3 - 4 - 5 - 6 mm
 - 3 flat-tip screwdriver sockets, 1/4" connection, 4 - 5,5 - 6,5 mm
 - 2 Phillips screwdriver sockets, 1/4" connection, PH 1 - 2
 - 2 cross-tip screwdriver sockets, 1/4" connection, PZD 1 - 2
 - 7 TORX screwdriver sockets, 1/4" connection, da T8 - 10 - 15 - 20 - 25 - 27 - 30
 - 1 sliding adapter, square connection, 1/4" connection
 - 2 fixed extensions 50 - 100 mm, 1/4" connection
 - 1 sliding lever, 1/4" connection
 - 1 cardan joint, 1/4" connection
 - 1 sliding adapter, square connection, 1/2" to 3/8"
 - 1 bit socket adapter, square connection 3/8", hexagonal connection 5/16"
 - 4 external hexagon bits, 5/16" connection, 8 - 10 - 12 - 14 mm
 - 3 flat-tip bits, 5/16" connection, 8 - 10 - 12 mm
 - 2 Phillips bits, 5/16" connection, PH 3 - 4
 - 2 cross-tip bits, 5/16" connection, PZD 3 - 4
 - 4 TORX bits, 5/16" connection, T40 - 45 - 50 - 55
 - 3 Allen wrenches 1,5 - 2 - 2,5 mm
- Complete assortment.



1/2"

1/4"

5/16"

971GTE Each **226,00****When the Carolus branded products will be run out, they will be supplied with the same product Gedore red.**

Every month the flip-book publishes and highlights corrections and items no longer available.



Orig. Carolus - Art. 5860.2172/R45603172

In special steel. Chrome plated finish.

Sockets and joints with square drive of 1/2" (12,7mm), 3/8" (9,52mm) and 1/4" (6,35mm), hex shank bits 5/16 C 8.

Set of 171 tools.

The set contains:

17 hexagonal sockets, connection 1/2", mm 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32

5 long hexagonal sockets (mm 77), connection 1/2", mm 16 - 17 - 18 - 19 - 22

2 internal TORX sockets, connection 1/2", E20 - 24

2 sockets for candles, connection 1/2", mm 16 - 21

1 ratchet with lever and quick release, connection 1/2"

2 fixed extensions mm 125 - 250, connection 1/2"

1 cardan joint, connection 1/2"

1 sliding adapter, square connection 3/8" to 1/2"

1 insert socket adapter, square connection 1/2", hexagonal connection 5/16"

10 hexagonal sockets, connection 3/8", mm 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19

6 long hexagonal sockets (mm 63), connection 3/8", mm 10 - 11 - 12 - 13 - 14 - 15

6 internal TORX sockets, connection 3/8", E10 - 11 - 12 - 14 - 16 - 18

1 sockets for candles, connection 3/8", mm 18

1 ratchet with lever and quick release, connection 3/8"

1 fixed extension mm 150, connection 3/8"

1 cardan joint, connection 3/8"

1 insert socket adapter, square connection 1/2", hexagonal connection 5/16"

13 hexagonal sockets, connection 1/4", mm 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14

7 long hexagonal sockets (mm 50), connection 1/4", mm 4 - 5 - 6 - 7 - 8 - 9 - 10

5 internal TORX sockets, connection 1/4", E4 - 5 - 6 - 7 - 8

4 external hexagon sockets, connection 1/4", mm 3 - 4 - 5 - 6

4 flat-tip screwdriver sockets, connection 1/4", mm 4 - 5,5 - 6,5 - 7

3 cross-tip screwdriver sockets, connection 1/4", PH 0 - 1 - 2

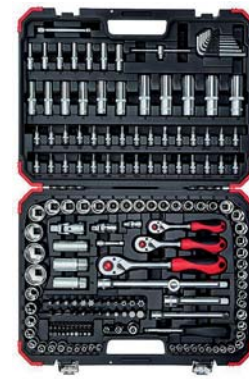
3 cross-tip screwdriver sockets, connection 1/4", PZD 0 - 1 - 2

8 external TORX screwdriver sockets, connection 1/4", T8 - 9 - 10 - 15 - 20 - 25 - 27 - 30

Complete assortment.

carolus
by GEDORE

971GTF



1/2"

3/8"

1/4"

1/4"

5/16"

3

8 external TORX screwdriver sockets with hole, connection 1/4", T8 - 9 - 10 - 15 - 20 - 25 - 27 - 30

1 ratchet with lever and quick release, connection 1/4"

2 fixed extensions mm 50 - 100, connection 1/4"

1 sliding lever, connection 1/4"

1 cardan joint, connection 1/4"

1 socket-holder rod, connection 1/4", with handle

1 bit socket adapter, square connection 1/4", hexagonal connection 1/4"

5 external hexagon bits, connection 5/16", mm 7 - 8 - 10 - 12 - 14

3 flat-tip bits, connection 5/16", mm 8 - 10 - 12

2 Phillips bits, connection 5/16", PH 3 - 4

2 cross-tip bits, connection 5/16", PZD 3 - 4

6 TORX bits, connection 5/16", T40 - 45 - 50 - 55 - 60 - 70

6 TORX bits with hole, connection 5/16", T40 - 45 - 50 - 55 - 60 - 70

3 TORX bits, connection 1/4", T5 - 6 - 7

1 TORX bit with hole, connection 1/4", T7

8 TORX-PLUS bits, connection 1/4", T10 - 15 - 20 - 25 - 27 - 30 - 40 - 45

3 XZN-tip bits, connection 1/4", M 5 - 6 - 8

5 RIBE-tip bits, connection 1/4", M 5 - 6 - 7 - 8 - 9

7 Allen wrenches mm 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6

971GTF

Each

254,00

Orig. Gedore red - Art. R46003100

In special steel. Chromed execution. Sockets and junctions with 1/2 "(mm 12.7), 1/4" (6.35 mm) square drives, hex. 1/4 C 6,3.

Assortment in sturdy plastic case.

Contents 100 tools.

Composition:

20 hexagonal sockets, 1/2" drive, from mm 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32

1 ratchet lever with quick release lever, 1/2" drive

2 fixed extensions from 125 - 250 mm, 1/2" drive 1 sliding lever, 1/2" drive with sliding adapter, 3/8" female square coupling

1 universal joint, 1/2" drive

12 hexagonal bushes, 1/4" drive, 4 mm - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13

1 ratchet lever with quick release lever, 1/4" drive

2 fixed extensions from mm 50 - 100, 1/4" drive

1 handle rod with handle, 1/4" drive

1 sliding lever, 1/4" drive

1 universal joint, 1/4" drive 1 socket adapter for inserts, square drive 1/4" hexag. drive 1/4"

6 hexagon inserts external, 1/4" drive, from mm 3 - 4 - 5 - 6 - 8 - 10 3 straight cut inserts, 1/4" drive, from mm 4 - 5 - 5 - 7

4 cross inserts, att acco 1/4", PH 1 - 2 - 3 - 4

3 cross inserts, 1/4" drive, PZD 1 - 2 - 3

8 inserts TORX, 1/4" drive, from T8 - 10 - 15 - 20 - 25 - 27 - 30 - 40

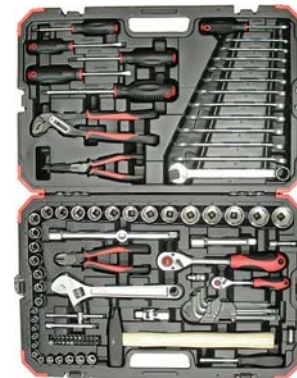
9 wrenches for internal hexagons with a ball end, from 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 mm - 10

Complete assortment.

GEDORE

971GTP

new



1/2"

1/4"

1/4"

Prices in EURO . VAT not included

971GTP

Each

399,00

12 wrenchess combined with heads at 15 °, from mm 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19

1 spindle wrench from mm 250 1 hammer of 500 grams

1 pincer with pliers of 200 mm

1 lateral cutter mm 185

1 pliers adjustable from 250 mm

3 cutting screwdriver mm 80x4 - 100x5.5 (2)

3 Phillips screwdrivers PH 1 - 2 - 3

When the Carolus branded products will be run out, they will be supplied with the same product Gedore red.



971L

carolus
by GEDORE

1/2"

Orig. Carolus - Art. 5560.00/R61003114

In special steel. Chrome plated finish. Supplied in metal case.

Assorted set of sockets, long pattern, 1/2" square drive.

Socket overall length: 75mm.

The set contains 14 tools:

14 x sockets Art. 971 RP. Dimensions: 10 - 12 - 13 - 14 - 15 - 17 - 19 - 21 - 22 - 23 - 24 - 27 - 30 - 32mm.

971L Each 174,00

When stocks last, it will be supplied in a sturdy plastic case.

971P

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5530.00/R68003016**

Product description as Art. 971L

Assorted set of internal/external TORX sockets, 1/2" drive.

The set contains 16 tools:

9 x sockets Art. 971 RPT size 10 - 11 - 12 - 14 - 16 - 18 - 20 - 22 - 24

7 x sockets Art. 971 RQT size 30 - 40 - 45 - 50 - 55 - 60 - 70

Complete assortment.

971P Each 139,00

When stocks last, it will be supplied in a sturdy plastic case.

SPARE PARTS FOR SOCKETS

971RA

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5150.75/R65100014**

In special steel.

Chrome plated finish. 1/2" square drive (12.7mm).

Extension 75mm.

971RA Each 7,86

971RD

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5150.12/R65100024**

Product description as Art. 971RA

Extension 125mm.

971RD Each 8,30

971RE

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5150.25/R65100049**

Product description as Art. 971RA

Extension 250mm.

971RE Each 13,10

971RF

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5140.00/R6520049**

Product description as Art. 971RA

Sliding bar 250mm.

971RF Each 14,30

971RG

carolus
by GEDORE

1/2"

**Orig. Carolus - Art. 5130.00/R65300012**

Product description as Art. 971RA

Cardan joint 65mm.

971RG Each 14,20

971RI

carolus
by GEDORE

5/16"



1/2"

Orig. Carolus - Art. 5160.00/R67100006

Product description as Art. 971RA

Insert socket adapter, 1/2" square drive, 5/16" hexagonal drive. Length 38 mm.

971RI Each 5,62

971RL

carolus
by GEDORE

1/2"



1/2"

Orig. Carolus - Art. 5115.19

Product description as Art. 971RA

Socket adapter, 1/2" square drive and 19mm male hexagonal drive. Length 30 mm.

971RL Each 8,22

Ideal for use in combination with ratchet wrenches Art. 879 D/879 FE/879 GE/879 GM x 19.

Product running out of stock.



SOCKETS 1/2" DRIVE, DIN 3120-ISO 1174

Orig. Carolus - Art. 5112/R6110

Product description as Art. 971RA
Internal bi-hex type. Length 38mm.

Opening	mm	8	9	10	11	12	13	14	15
971RLE	Each	5,02	5,02	5,72	5,72	5,72	5,72	5,72	5,72
Opening	mm	16	17	18	19	20	21	22	23
971RLE	Each	5,72	6,28	6,42	6,80	7,02	7,16	7,30	7,54
Opening	mm	24	26	27	28	30	32		
971RLE	Each	7,54	8,44	8,56	9,24	9,60	10,10		
Opening	inch	15/16*	1.1/16*	1.3/16*	1.1/14*				
971RLE	Each	5,72	6,80	8,20	8,34				

* Sizes running out of stock.

carolus
by GEDORE

971RLE



1/2"

3

Orig. Carolus - Art. 5180

Product description as Art. 971RA

Type with MULTIPLE PROFILE to tighten screws with hex, hex worn/rounded by up to 50%, polygonal, TORX, XZN-SPLINE, square heads. Length 36mm.

Opening	mm	8	9	10	11	12	13	14	15
971RLF	Each	4,18	4,18	4,18	4,18	4,18	4,34	4,34	4,34
Opening	mm	18	20	22	23	24	26	27	28
971RLF	Each	4,80	5,40	5,40	5,84	5,84	6,32	6,32	7,98
Opening	mm	30	32	34					
971RLF	Each	7,98	7,98	8,82					

Product running out of stock.

carolus
by GEDORE

971RLF



1/2"

Orig. Gedore red - Art. R6110

In CHROME-VANADIUM steel.

Chrome plated finish.. Square drive 1/2 "(mm 12,7).

Long type with internal polygon. Length 77 mm.

Opening	mm	10	11	12	13	14	15	16	17	18
971RLG	Each	10,50	10,60	10,80	11,10	11,20	11,50	11,80	12,40	12,50
Opening	mm	19	20	21	22	24	27	30	32	
971RLG	Each	12,70	13,40	13,50	14,40	14,90	16,90	18,60	22,10	

GEDORE

971RLG
new



1/2"

Orig. Carolus - Art. 5100/R6100

In special steel.

Chrome plated finish. 1/2" square drive (12.7mm).

Hexagonal sockets. Length 38mm.

Opening	mm	8	9	10	11	12	13	14	15
971RM	Each	5,02	5,02	5,72	5,72	5,72	5,72	5,72	5,72
Opening	mm	16	17	18	19	20	21	22	23
971RM	Each	5,72	6,28	6,42	6,80	7,02	7,16	7,30	7,54
Opening	mm	24	25	26	27	28	30	32	
971RM	Each	7,54	8,02	8,44	8,56	9,24	9,60	10,10	

carolus
by GEDORE

971RM



1/2"

Orig. Carolus - Art. 5106/R6100

Product description as Art. 971RM

Long pattern, internal hex type.

Length: 77mm.

Opening	mm	10	11	12	13	14	15	16	
971RP	Each	10,70	10,70	10,70	10,80	12,20	12,20	12,20	
Opening	mm	17	18	19	20	21	22	23	
971RP	Each	11,20	11,30	11,50	11,60	11,70	12,90	9,74	
Opening	mm	24	27	30	32	34			
971RP	Each	13,80	14,80	15,30	16,90	16,40			

Sizes mm 23 and 34 running out of stock.

carolus
by GEDORE

971RP



1/2"

Orig. Carolus - Art. 5300/R6120

Product description as Art. 971RM

Internal TORX type.

Length: 38mm.

TORX size	E	8	10	11	12	14	16	18
Seal	mm	11,1	9,3	10,08	11,1	12,8	14,7	16,6
971RPT	Each	9,22	9,70	9,70	9,70	9,70	9,70	9,70
TORX size	E	20	22	24				
Seal	mm	18,4	20,4	22,1				
971RPT	Each	9,92	10,30	11,10				

carolus
by GEDORE

971RPT



1/2"



When the Carolus branded products will be run out, they will be supplied with the same product Gedore red.



971RQ carolus
by GEDORE

Orig. Carolus - Art. R6255
Product description as Art. 971RM
External hex type.



Type		4	5	5A	5F	6	6A	7
Opening	mm	4	5	5	5	6	6	7
Overall length	mm	55	55	100	180	55	100	55
971RQ	Each	9,04	9,04	8,94	11,70	9,04	9,28	9,04
Type		7B	8	8A	8C	9	10	10A
Opening	mm	7	8	8	8	9	10	10
Overall length	mm	100	55	100	120	55	55	100
971RQ	Each	9,94	9,14	10,20	9,58	9,52	9,52	10,60
Type		11	12	12A	14	14A	17	17A
Opening	mm	11	12	12	14	14	17	17
Overall length	mm	55	55	100	55	100	55	100
971RQ	Each	9,98	9,98	11,20	10,70	11,80	11,70	13,50
Type		19						
Opening	mm	19						
Overall length	mm	55						
971RQ	Each	12,10						

Sizes 5F and 8C running out of stock.

971RQT carolus
by GEDORE



Orig. Carolus - Art. 5303/R6245
Product description as Art. 971RM
External TORX type.
Length: 55mm. (Size T 70: Prod. SCU, lenght 60mm).

TORX size	T	20	25	27	30	40	45	50
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
971RQT	Each	10,10	10,30	10,70	11,10	11,10	11,60	11,60
TORX size	T	55	60	70				
Seal	mm	11,22	13,25	15,51				
971RQT	Each	13,10	13,70	11,60				

971RQV GEDORE
new



Orig. Gedore red - Art. R6245
In CHROME-VANADIUM steel.
Chrome plated finish.. Square drive 1/2 "(mm 12,7).
Long type with TORX external head.
Length 100 mm.

TORX size	T	20	25	27	30	40	45	50	55	60
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83	11,22	13,25
971RQV	Each	11,80	12,40	12,70	13,40	14,40	15,20	16,80	18,50	20,10

RATCHETS

971RR GEDORE



Orig. Gedore red - Art. R60600006
In special steel.
Chrome plated finish. 1/2" square drive (12.7mm).
Ratchet with reverse square drive. Dual component rubber grip.
Fine toothed. Length: 270mm.

971RR	Each	37,50
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971RS carolus
by GEDORE



Orig. Carolus - Art. 5190.30
Product description as Art. 971RR
Ratchets with dial change for R+L operation. Rubber dual component handle.
Fine toothed. Length: 280mm.

971RS	Each	39,90
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Product running out of stock.

971RSA GEDORE
new



Orig. Gedore red - Art. R60000027
In CHROME-VANADIUM steel.
Chrome plated finish.. Square drive 1/2 "(mm 12,7).
Ratchet lever with lever for movement L+R. Two-component rubber handle.
With quick and safe push-button release system. Fine toothing. Length 250 mm.

971RSA	Each	46,90
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971RSE GEDORE
new



Orig. Gedore red - Art. R60050009
Product description as Art. 971RSA
Bent type to avoid injury to the hand during use.
Ratchet lever with lever for movement L+R. Two-component rubber handle.
With quick and safe push-button release system. Length 255 mm.

971RSE	Each	46,90
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Orig. Carolus - Art. 5190.20

In special steel.
 Chrome plated finish. 1/2" square drive (12.7mm).
 Ratchets with lever change for R+L operation. Rubber dual component handle.
 Tip click quick change, with button. Fine toothed. Length: 280mm.

971RT Each **39,90**

Product running out of stock.

carolus
by GEDORE

1/2"

971RT



Orig. Carolus - Art. 5190.50

Product description as Art. 971RT
 Ratchet with lever change for clockwise and counter-clockwise movement. Extra-slim head, bi-component rubber grip.
 With button-operated quick-release safety system. Fine toothed. Length 250mm.

971RTE Each **46,20**

Product running out of stock.

carolus
by GEDORE

1/2"

971RTE



Orig. Gedore red - Art. R60120027

In CHROME-VANADIUM steel.
 Chrome plated finish. Square drive 1/2 "(mm 12,7).
 Ratchet lever, with lockable angle in 5 different positions. With lever for movement L+R. Two-component rubber handle.
 With quick and safe push-button release system. Fine toothing. Length 292 mm.

971RTL Each **79,80**

GEDORE

1/2"

971RTL
new



SETS OF SOCKETS

Orig. Gedore - Art. IN 19 PM

In CHROME VANADIUM steel. Ground, chrome plated.
 1/2" square drive.
 For Allen screws.
 9-tool sets.
 Each set contains:
 9 x 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17mm sockets Art. 969 RV
 Supplied in case.
 Complete assortment.

972GA Each **133,00**

GEDORE

972GA
972GB



1/2"

Orig. Gedore - Art. IN 19 PA

Product description as Art. 972GA
 For Allen screws.
 9-tool sets.
 Each set contains:
 9 x sockets Art. 969 RV. Inch sizes: 3/16 - 7/32 - 1/4 - 9/32 - 5/16 - 3/8 - 1/2 - 9/16 - 5/8
 Supplied in case.
 Complete assortment.

972GB Each **143,00**

Orig. Gedore - Art. IN 19 L KM

Product description as Art. 972GA
 For Allen screws.
 15-tool set.
 Each set contains:
 9 x 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17mm sockets Art. 969 RV
 6 x 5 - 6 - 8 - 10 - 12 - 14mm sockets Art. 969 RZ
 Supplied in case.
 Complete assortment.

972GC Each **264,00**

GEDORE

972GC



1/2"

**972GD GEDORE**

1/2"

Orig. Gedore - Art. IN 19 Q

Product description as Art. 972GA

For Allen screws.

11-tool set.

Each set contains:

9 x 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17mm sockets Art. 969 RV

1 x ratchet Art. 970 RT

1 x extension 970 RFx250

Supplied in case.

Complete assortment.

972GD Each **290,00****972GF GEDORE**

1/2"

Orig. Gedore - Art. INX 19 PM

Product description as Art. 972GA

For slot-head screws, external bi-hexagon and Phillips

9-tool sets.

Each set contains:

2 x 12mm - 16mm flat-tip sockets Art. 969 RD

5 x 5 - 6 - 8 - 10 - 12mm external hex sockets Art. 969 RM

2 x Phillips sockets - Art. 969 RF - Size 2 - 3

Supplied in case.

Complete assortment

972GF Each **194,00****972GF 3 GEDORE**

1/2"

Orig. Gedore - Art. TX 19 E-09

Product description as Art. 972GA

For external Torx screws.

9-tool sets.

Each set contains:

8 x sockets Art. 969 RT/1 - 10 - 11 - 12 - 14 - 16 - 18 - 20 - 24

1 x socket Art. 981 GN

Supplied in case.

Complete assortment

972GF 3 Each **167,00****972GH GEDORE**

1/2"

Orig. Gedore - Art. ITX 19 PM

Product description as Art. 972GA

For internal Torx screws

9-tool sets.

Each set contains:

9 x sockets Art. 969 RS - 20 - 25 - 27 - 30 - 40 - 45 - 50 - 55 - 60

Supplied in case.

Complete assortment.

972GH Each **193,00**



Orig. Gedore - Art. ITX 19 LKP

Product description as Art. 972GA

For internal Torx screws.

18-tool sets.

Each set contains:

9 x 55mm sockets Art. 969 RS - 20 - 25 - 27 - 30 - 40 - 45 - 50 - 55 - 60

9 x 100mm sockets Art. 969 RT - 20 - 25 - 27 - 30 - 40 - 45 - 50 - 55 - 60

Supplied in case.

Complete assortment.

972GI Each **425,00**

GEDORE

972GI



1/2"

3

Orig. Gedore - Art. ITX 19 TX-017

Product description as Art. 972GA

For internal/external Torx screws.

17-tool sets.

Each set contains:

9 x sockets Art. 969 RS - 20 - 25 - 27 - 30 - 40 - 45 - 50 - 55 - 60

8 x sockets Art. 969 RT/1 - 10 - 11 - 12 - 14 - 16 - 18 - 20 - 24

Supplied in case.

Complete assortment.

972GK Each **349,00**

GEDORE

972GK



1/2"

Orig. Gedore - Art. 19 TX-20

In CHROME VANADIUM steel. Ground, chrome plated.

1/4"-1/2" square drive.

For internal/external Torx screws.

34-tool sets.

Each set contains:

8 x sockets Art. 941 RL - 8 - 9 - 10 - 15 - 20 - 25 - 27 - 30

6 x sockets Art. 941 RP - 4 - 5 - 6 - 7 - 8 - 10

5 x sockets Art. 969 RS - 40 - 45 - 50 - 55 - 60

9 x sockets Art. 969 RT - 20 - 25 - 27 - 30 - 40 - 45 - 50 - 55 - 60

6 x sockets Art. 969 RT/1 - 12 - 14 - 16 - 18 - 20 - 24

Supplied in case. Complete assortment.

972GK 3 Each **598,00**

GEDORE



972GK 3



1/4"

1/2"

Orig. Gedore red - Art. R68003030

In special steel.

Chrome plated finish. Square drive 1/2 "(mm 12,7).

For screws with internal hexagon.

Contents 30 tools.

Composition:

9 sockets, length mm 55, mm 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 - 19

8 sockets, length mm 100, from mm 5 - 6 - 7 - 8 - 10 - 11 - 12 - 13

7 sockets, length mm 140, from mm 5 - 6 - 7 - 8 - 10 - 12 - 14

6 sockets, length mm 200, mm 5 - 6 - 7 - 8 - 10 - 12

In sturdy plastic case. Complete set.

972GT Each **146,00**

GEDORE

972GT
new



1/2"



972GV **GEDORE**
new



1/2"

Orig. Gedore red - Art. R68003032

Product description as Art. 972GT

For screws with TORX internal contact.

32-tools set:

10 sockets, length mm 55, from T 20 - 25 - 27 - 30 - 40 - 45 - 50 - 55 - 60 - 70

10 sockets, length mm 100, from T 20 - 25 - 27 - 30 - 40 - 45 - 50 - 55 - 60 - 70

6 sockets, length mm 140, from T 40 - 45 - 50 - 55 - 60 - 70

6 sockets, length 200 mm, from T 40 - 45 - 50 - 55 - 60 - 70

In sturdy plastic case.

Complete set.

972GV Each **151,00**

SETS OF SOCKETS

973G **GEDORE**



3/4"

Orig. Gedore - Art. 32 EMZ

In CHROME VANADIUM steel. Chrome plated finish.

Sockets and joints with 3/4" square drive (19mm). Assorted set supplied in metal case.

14-tool sets

Each set contains:

10 x 22 - 24 - 27 - 30 - 32 - 36 - 38 - 41 - 46 - 50mm hexagonal sockets Art. 974 RA

1 x 510mm square ratchet, Art. 974 RP + 974 RD

1 x 500mm sliding bar

1 x 200mm extension Art. 974 RH

1 x 400mm extension Art. 974 RE

Complete assortment.

973G Each **655,00**

974GS **GEDORE**



3/4"

Orig. Gedore - Art. 32 FMZ

Product description as Art. 973G

16-tool sets.

Each set contains:

12 x 22 - 24 - 27 - 30 - 32 - 36 - 38 - 41 - 46 - 50 - 55 - 60mm hexagonal sockets Art. 974 RA

1 x 510mm square ratchet, Art. 974 RP + 974 RD

1 x 500mm sliding bar Art. 974 RH

1 x 200mm extensions Art. 974 RE

1 x 400mm extension Art. 974 RF

Complete assortment.

974GS Each **839,00**

SOCKETS, 3/4" DRIVE, DIN 3120-ISO 1174

974RA **GEDORE**



3/4"

Orig. Gedore - Art. 32

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

DIN 3124, ISO 2725-1.

Internal hex type.

Opening	mm	18	19	21	22	24	27	29
Overall length	mm	51,5	51,5	51,5	51,5	51,5	54,5	54,5
974RA	Each	36,90	22,20	25,50	22,90	22,20	24,10	27,10
Opening	mm	30	32	33	34	36	38	41
Overall length	mm	57,5	57,5	57,5	57,5	59,5	59,5	62,5
974RA	Each	26,10	25,70	30,90	30,30	31,70	30,30	44,80
Opening	mm	46	50	55	60			
Overall length	mm	65,5	68,5	68,5	68,5			
974RA	Each	47,30	56,70	64,10	75,10			



Orig. Gedore - Art. D32

Product description as Art. 974RA
DIN 3124, ISO 2725-1 only dimensions in mm.
Internal bi-hex type.

Opening	mm	19	21	22	24	27	29	30	32
Overall length	mm	51,5	51,5	51,5	51,5	54,5	54,5	57,5	57,5
974RB	Each	22,20	25,60	22,90	22,30	24,20	27,10	26,10	25,80
Opening	mm	33	36	38	41	46	50	55	60
Overall length	mm	57,5	59,5	59,5	62,5	65,5	68,5	68,5	75,10
974RB	Each	31,10	31,70	30,30	44,80	47,30	56,70	64,10	75,10
Opening	inch	7/8	15/16	1	1.1/16	1.1/8	1.1/4	1.5/16	1.3/8
Overall length	mm	51,5	51,5	51,5	54,5	54,5	57,5	57,5	59,5
974RB	Each	24,40	24,30	24,30	24,30	26,40	27,10	30,70	31,60
Opening	inch	1.7/16	1.1/2	1.5/8	1.11/16	1.3/4	1.13/16	1.7/8	2
Overall length	mm	59,5	59,5	62,5	62,5	65,5	65,5	65,5	68,5
974RB	Each	32,70	33,30	50,80	50,80	56,40	59,80	59,80	59,80

GEDORE

974RB



3/4"

3

Orig. Gedore - Art. IN32

Product description as Art. 974RA
External hex type. Length: 80mm.

Opening	mm	14	17	19	22
974RC	Each	26,90	31,40	33,30	36,20

GEDORE

974RC



3/4"

Orig. Gedore - Art. IN32 L

Product description as Art. 974RA
Long type with external hexagon. Length 155mm.

Opening	mm	14	17	19	22
974RCL	Each	43,40	45,10	48,30	51,40

GEDORE

974RCL



3/4"

Orig. Gedore - Art. ITX 32

Product description as Art. 974RA
External TORX type. Length: 80mm.

Opening	T	60	70	80	90	100
Screw thread Ø	M.	14	16	18	20	22
Seal	mm	13,25	15,51	17,54	19,92	22,13
974RCT	Each	43,40	45,70	48,00	50,40	52,60

GEDORE

974RCT



3/4"

SPARE PARTS FOR SOCKETS

Orig. Gedore - Art. 3294

In CHROME VANADIUM steel.
Chrome plated finish. 3/4" square drive (19mm).
Square drives 51.5mm.

974RD	Each	15,30
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GEDORE

974RD



3/4"

Orig. Gedore - Art. 3290-8

Product description as Art. 974RD
Extensions 200mm.

974RE	Each	42,90
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GEDORE

974RE



3/4"

Orig. Gedore - Art. 3290-16

Product description as Art. 974RD
Extensions 400mm.

974RF	Each	57,10
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GEDORE

974RF



3/4"



974RH **GEDORE** **3/4"**
Orig. Gedore - Art. 3287
 Product description as Art. 974RD
 Sliding bars 500mm.
974RH Each **55,40**



974RI **GEDORE** **3/4"**
Orig. Gedore - Art. 3295
 Product description as Art. 974RD
 Cardan joints 108mm.
974RI Each **139,00**



974RL **GEDORE** **3/4"**
Orig. Gedore - Art. 3296
 Product description as Art. 974RD
 Jointed levers 547mm.
974RL Each **126,00**

RATCHETS



974RP **GEDORE** **3/4"**
Orig. Gedore - Art. 3293Z
 Product description as Art. 974RD
 Ratchets without square drive (square drive: see ved. Art. 974 RD). Length: 510mm. Fine and sturdy toothed.
974RP Each **123,00**



974RS **GEDORE** **3/4"**
Orig. Gedore - Art. 3293U-2
 Product description as Art. 974RD
 Ratchets with dial change for R+L operation. Length: 510mm. Fine and sturdy toothed.
974RS Each **155,00**



974RT **GEDORE** **3/4"**
Orig. Gedore - Art. 3293U-3
 Product description as Art. 974RD
 Ratchets with dial change for R+L operation.
 Handle in steel tubing. Length: 620mm. Fine toothed.
974RT Each **204,00**



974RV **GEDORE** **3/4"**
Orig. Gedore - Art. 3293U-10
 Product description as Art. 974RD
 Ratchets with lever change for R+L operation.
 Handle in steel tubing. Length: 620mm. Fine and sturdy toothed.
974RV Each **246,00**

SETS OF SOCKETS



975G **carolus** **3/4"**
 by GEDORE
Orig. Carolus - Art. 8100.00/R78004014
 In special steel. Chrome plated finish.
 Sockets and joints with 3/4" square drive (19mm). Assorted set supplied in metal case.
 14-tool sets.
 Each set contains:
 10 x 22 - 24 - 27 - 30 - 32 - 36 - 38 - 41 - 46 - 50mm hexagonal sockets Art. 975 RA
 1 x 500mm square ratchet Art. 975 RP
 1 x 500mm sliding bar Art. 975 RH
 1 x 200mm extension Art. 975 RE
 1 x 400mm extension Art. 975 RF
 Complete assortment.
975G Each **523,00**

When stocks last, it will be supplied in a sturdy plastic case.

SOCKETS, 3/4" DRIVE, DIN 3120-ISO 1174



975RA **carolus** **3/4"**
 by GEDORE
Orig. Carolus - Art. 8100/R7100
 In special steel. Chrome plated finish.
 Slots inside the square drive for ratchet balls and sliding bars.
 Internal hex type.

Opening	mm	19	21	22	24	27	30	32	33
Overall length	mm	50	50	50	50	50	53	55	55
975RA	Each	13,60	14,40	14,80	15,80	17,80	19,70	21,70	22,70
Opening	mm	36	38	41	46	50	55	60	
Overall length	mm	58	58	63	68	68	75	77	
975RA	Each	24,70	25,60	29,60	33,50	39,30	47,10	55,10	



SPARE PARTS FOR SOCKETS

Orig. Carolus - Art. 8150.20/R75100039

In special steel.
 Chrome plated finish. 3/4" square drive (19mm).
 Extensions 200mm.

975RE Each **27,80**

carolus **3/4"** **975RE**
by GEDORE



Orig. Carolus - Art. 8150.40/R75100079

Product description as Art. 975RE
 Extensions 400mm.

975RF Each **43,50**

carolus **3/4"** **975RF**
by GEDORE



Orig. Carolus - Art. 8140.00/R75200091

Product description as Art. 975RE
 Sliding bars 500mm.

975RH Each **48,30**

carolus **3/4"** **975RH**
by GEDORE



Orig. Carolus - Art. 8130.00/R75300021

Product description as Art. 975RE
 Cardan joints 108mm.

975RI Each **56,30**

carolus **3/4"** **975RI**
by GEDORE



CONVERTERS

Orig. Carolus - Art. 8160.00/R77300011

Converters. In special steel.

Int. square drive	inch	3/4
Ext square drive	inch	1
Overall length	mm	61

975RL Each **34,30**

carolus **975RL**
by GEDORE



RATCHETS

Orig. Carolus - Art. 8170.00/R70000003

In special steel.
 Chrome plated finish. 3/4" square drive (19mm).
 Ratchets with square drive, bidirectional. Handle made of a steel pipe. Length: 503mm. Fine and sturdy toothing.

975RP Each **118,00**

carolus **3/4"** **975RP**
by GEDORE



SETS OF SOCKETS

Orig. Gedore - Art. D21EMU-10

In CHROME VANADIUM steel. Chrome plated finish.
 Sockets and joints with 1" square drive (25.4mm). Assorted set supplied in metal case.
 15-tool sets.

Each set contains:
 10 x 36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80mm bi-hexagonal sockets Art. 977 RB
 1 810mm ratchet head, lever change
 1 sliding head
 1 x 700mm lever for ratchet head and sliding head
 1 x 200mm extension Art. 977 RE
 1 x 400mm extension Art. 977 RF
 Complete assortment.

977G Each **1.680,00**

GEDORE **1"** **977G**



Orig. Gedore - Art. D21EAU-10

Product description as Art. 977G
 15-tool sets.
 Each set contains:
 10 x bi-hexagonal sockets. US inch sizes: 1.1/2 - 1.5/8 - 1.7/8 - 2 - 2.1/16 - 2.1/4 - 2.3/8 - 2.9/16 - 2.3/4 - 3 Art. 977 RB
 1 x ratchet head, lever change
 1 x sliding head
 1 x 700mm lever for ratchet head and sliding head
 1 x 200mm extension Art. 977 RE
 1 x 400mm extension Art. 977 RF
 Complete assortment.

977GP Each **1.750,00**

GEDORE **1"** **977GP**



When the Carolus branded products will be run out, they will be supplied with the same product Gedore red.





SOCKETS, 1" DRIVE, DIN 3120-ISO 1174

977RB GEDORE

1"

Orig. Gedore - Art. D21

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

DIN 3124, ISO 2725-1 only dimensions in mm.

Internal bi-hex type



Opening	mm	36	41	46	50	55	60	65
Overall length	mm	70	70	75	75	80	85	88
977RB	Each	53,10	61,40	71,90	80,70	97,90	112,00	133,00
Opening	mm	70	75	80				
Overall length	mm	92	95	97				
977RB	Each	142,00	162,00	164,00				
Opening	inch	1.7/16	1.1/2	1.5/8	1.13/16	1.7/8	2	2.1/16
Overall length	mm	70	70	70	75	75	75	75
977RB	Each	57,10	67,70	81,90	99,20	94,60	104,00	104,00
Opening	inch	2.3/16	2.1/4	2.3/8	2.7/16	2.9/16	2.5/8	2.3/4
Overall length	mm	80	80	85	85	88	88	92
977RB	Each	111,00	111,00	122,00	123,00	145,00	145,00	159,00
Opening	inch	2.13/16	2.15/16	3	3.1/8			
Overall length	mm	92	95	95	97			
977RB	Each	169,00	169,00	169,00	195,00			

Size inch 1.7/16 running out of stock.

977RC GEDORE

1"

Orig. Gedore - Art. IN21

Product description as Art. 977RB

External hex type.

Length: 90mm.



Opening	mm	17	19	22	24	27
977RC	Each	64,80	66,70	69,10	71,80	75,10

SPARE PARTS FOR SOCKETS

977RD GEDORE

1"

Orig. Gedore - Art. 2194

In CHROME VANADIUM steel.

Chrome plated finish. 1" square drive (25.4mm).

Square drives 67mm.



977RD	Each	32,10
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977RE GEDORE

1"

Orig. Gedore - Art. 2190-8

Product description as Art. 977RD

Extensions 200mm.



977RE	Each	79,20
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977RF GEDORE

1"

Orig. Gedore - Art. 2190-16

Product description as Art. 977RD

Extensions 400mm.



977RF	Each	111,00
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977RH GEDORE

1"

Orig. Gedore - Art. 2187

Product description as Art. 977RD

Sliding bars 700mm.



977RH	Each	122,00
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977RI GEDORE

1"

Orig. Gedore - Art. 2195

Product description as Art. 977RD

Cardan joints 140mm.



977RI	Each	271,00
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RATCHETS

977RP GEDORE

1"

Orig. Gedore - Art. 2193Z-94

Product description as Art. 977RD

Ratchets with reverse square drive. Handle in steel tubing. Length 720mm. Fine and sturdy toothing.



977RP	Each	266,00
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Orig. Gedore - Art. 2193U-3

Product description as Art. 977RD

Ratchets with dial change for R+L operation. Handle in steel tubing. Length: 720mm. Fine tooththing.

977RS Each **339,00**

GEDORE **1"** **977RS**



Orig. Gedore - Art. 2193U-10

Product description as Art. 977RD

Ratchets with lever change for R+L and fixed operation.

Handle in steel tubing. Length: 810mm. Fine and sturdy tooththing.

977RT Each **299,00**

GEDORE **1"** **977RT**



SETS OF SOCKETS

Prod. SCU

In CHROME VANADIUM steel. Chrome plated finish.

Sockets and joints with 3/4" square drive (19mm). Assorted set supplied in metal case.

14-tool sets.

Each set contains:

10 x 22 - 24 - 27 - 30 - 32 - 36 - 38 - 41 - 46 - 50mm hexagonal sockets Art. 979 RA

1 x 500mm ratchet, dial change Art. 979 RD

1 x 460mm sliding bar Art. 979 RF

1 x 100mm extension Art. 979 RL

1 x 200mm extension Art. 979 RP

Complete assortment.

979G Each **309,00**

SCU **3/4"** **979G**



Cardan joints: see Art. 975 RI

SOCKETS, 3/4" DRIVE

Prod. SCU

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

Internal hex type.

Opening	mm	22	24	27	30	32	36	38
Overall length	mm	50	50	50	52	52	57	57
979RA	Each	9,80	10,10	10,40	11,10	11,70	14,50	16,40
Opening	mm	41	46	50				
Overall length	mm	62	65	68				
979RA	Each	17,40	19,60	22,10				

SCU **3/4"** **979RA**



RATCHETS

Prod. SCU

In CHROME VANADIUM steel.

Chrome plated finish. 3/4" square drive (19mm).

Ratchet with dial change for R+L operation. Length: 500mm.

979RD Each **90,80**

SCU **3/4"** **979RD**



SPARE PARTS FOR SOCKETS

Prod. SCU

Product description as Art. 979RD

Sliding bars 450mm.

979RF Each **32,20**

SCU **3/4"** **979RF**



Product description as Art. 979RD

Extensions 100mm.

979RL Each **16,10**

SCU **3/4"** **979RL**



Product description as Art. 979RD

Extensions 200mm.

979RP Each **22,10**

SCU **3/4"** **979RP**





SETS OF SOCKETS

980G

SCU



Prod. SCU

In CHROME VANADIUM steel. Chrome plated finish. Sockets and joints with 1" square drive (25.4mm). Assorted set supplied in metal case. 15-tool sets.

Each set contains:

- 10 x 36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80mm hexagonal sockets Art. 980 RA
- 1 x 200mm ratchet head, lever change Art. 980 RD
- 1 x 80mm sliding head Art. 980 RF
- 1 bar for ratchet/sliding head Art. 980 RH
- 1 x 200mm extension Art. 980 RL
- 1 x 400mm extension Art. 980 RP
- Complete assortment.

980G Each **895,00**

SOCKETS, 1" DRIVE

980RA

SCU



Prod. SCU

In CHROME-VANADIUM steel. Chrome plated, with slots inside the square drive for the locking balls of ratchets and levers.

Internal hex type.

Opening	mm	36	41	46	50	55	60	65
Overall length	mm	65	70	76	78	80	88	90
980RA	Each	21,60	23,30	28,10	33,70	38,80	45,60	51,80
Opening	mm	70	75	80				
Overall length	mm	98	102	108				
980RA	Each	64,90	75,10	81,10				

SPARE PARTS FOR SOCKETS

980RD

SCU



Prod. SCU

In CHROME VANADIUM steel. Chrome plated finish. 1" square drive (25.4mm). Ratchet heads with lever change for R+L operation. Length: 200mm.

980RD Each **192,00**

980RF

SCU



In CHROME VANADIUM steel. Chrome plated finish. 1" square drive (25.4mm). Sliding head. Length: 80mm.

980RF Each **37,40**

980RH

SCU



Product description as Art. 980RF. Lever for ratchet/sliding heads. Length: 630mm.

980RH Each **57,70**

980RL

SCU



Product description as Art. 980RF. Extensions 200mm.

980RL Each **46,60**

980RP

SCU



Product description as Art. 980RF. Extensions 400mm.

980RP Each **77,40**

REDUCERS AND CONVERTERS

981GE

carolus
by GEDORE



Orig. Carolus - Art. 5141.0002/R67131002

Assortment of 2 sockets with SLIDING frame. Ends of different sizes. One socket with one 1/4" male and female end and one 3/8" male and female end. The other socket with one 3/8" male and female end and one 1/2" male and female end. This configuration allows 6 combinations of increase and decrease with just 2 tools, which can also be mounted in combination between them.

981GE Each **38,70**



Orig. Gedore - Art. S 2032-05

Supplied in transparent plastic case.

Content: 5 x sockets (3 x converters and 2 x reducers).

Content:

1 x socket for each type Art. 981 GM - GN - GO - GS - GT

Complete assortment.

981GL	Each	71,30
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GEDORE

981GL



Orig. Gedore

Converters

Art.		981GM	981GN	981GO	981GP
Int. square drive	inch	1/4	3/8	1/2	3/4
Ext square drive	inch	3/8	1/2	3/4	1
Overall length	mm	26	35	38,5	60
Supplier code		2030	3019	1932	3221
Each		13,10	12,30	17,20	38,40

GEDORE

981GM

981GN

981GO

981GP



Reducers

Art.		981GS	981GT	981GU	981GV
Int. square drive	inch	3/8	1/2	3/4	1
Ext square drive	inch	1/4	3/8	1/2	3/4
Overall length	mm	28,5	38,5	35	56
Supplier code		3020	1930	3219	2132
Each		12,30	13,40	23,50	45,80

GEDORE

981GS

981GT

981GU

981GV



SOCKETS FOR IMPACT WRENCHES SHANK 1/4 E 3/8 DIN 3121-ISO 1174

Orig. Gedore - Art. K20

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

DIN 3124, ISO 2725-2 only dimensions in mm.

Hexagonal sockets, 1/4" drive.

Opening	mm	5,5	6	7	8	9	10	11
Overall length	mm	23	23	23	23	23	23	23
981GZ	Each	7,76	7,76	7,76	7,76	7,92	7,92	7,92
Opening	mm	12	13	14	17			
Overall length	mm	23	23	25	26			
981GZ	Each	7,92	9,78	9,78	11,20			
Opening	inch	3/16	1/4	5/16	3/8	7/16		
Overall length	mm	23	23	23	23	23		
981GZ	Each	8,48	8,48	8,36	8,36	8,48		

GEDORE

1/4"

981GZ



Prod. SCU

In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Hexagonal sockets, 1/4" drive. Overall length: 25mm.

Opening	mm	4	4,5	5	5,5	6	7	8
981GZA	Each	6,14	6,14	6,14	6,14	6,14	6,14	6,14
Opening	mm	10	13	14				
981GZA	Each	6,58	7,04	7,34				

SCU

1/4"

981GZA



Orig. Gedore - Art. K30

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

DIN 3124, ISO 2725-2.

Hex sockets, 3/8" drive. Total length 30mm.

Opening	mm	6	7	8	9	10	11	12
982G	Each	9,20	9,20	9,20	9,50	9,20	9,20	9,20
Opening	mm	13	14	15	16	17	18	19
982G	Each	9,20	9,20	9,50	9,50	9,50	9,20	10,90
Opening	mm	20	21	22	23	24		
982G	Each	11,10	11,10	12,10	12,10	12,10		

GEDORE

3/8"

982G





982G 2 **carolus**
by GEDORE

3/8"



Orig. Carolus - Art. 6400
In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Hexagonal sockets, 3/8" drive. Overall length: 32mm.

Opening	mm	6	7	8	9	10	12	13
982G 2	Each	3,72	3,72	3,72	3,72	3,72	3,72	3,72
Opening	mm	14	15	17	19			
982G 2	Each	3,72	4,04	4,04	4,04			

Product running out of stock.

982G 2L **carolus**
by GEDORE

3/8"



Orig. Carolus - Art. 6406
Product description as Art. 982G 2

Hex sockets, extra-long, 3/8" drive. Total length 63mm.

Opening	mm	8	10	12	14	15	19
982G 2L	Each	7,68	7,68	7,98	8,82	8,82	10,50

Product running out of stock.

982G 3 **GEDORE**

3/8"



Orig. Gedore - Art. TXK 30
Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Internal TORX socket. 3/8" drive. Overall length: 32mm.

TORX size	E	5	6	7	8	10	12	14
For screws	M.	4	5	6	6-7	8	10	12
Seal	mm	4,7	5,6	6,1	7,4	9,3	11,1	12,8
982G 3	Each	11,70	11,70	11,70	11,70	11,70	13,10	13,10

982G 4 **carolus**
by GEDORE

3/8"



Orig. Carolus - Art. 6435
In special steel. Square drive insert. Burnished. For impact or compressed air based screwdrivers.

External hex sockets, 3/8" drive. Total length 52mm.

Opening	mm	8	10
982G 4	Each	8,82	8,82

Product running out of stock.

SETS OF SOCKETS

982G 40 **GEDORE**

1/2"



Orig. Gedore - Art. K 19-028
Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Supplied in plastic case.

The set contains 5 sockets.

Content:

5 x hex sockets Art. 982 GA 10 - 13 - 17 - 19 - 24mm

Complete assortment.

982G 40	Each	68,70
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982G 45 **GEDORE**
new

1/2"



Orig. Gedore red - Art. R63003008
In CHROME VANADIUM steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Assortments in sturdy plastic case.

Contents 8 socket wrenches.

Composition:

8 hexagonal sockets Art. 982 GB from mm 10 - 12 - 13 - 14 - 17 - 19 - 21 - 24

Complete assortment.

982G 45	Each	64,90
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Orig. Carolus - Art. 5540.00/R63003012

In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Supplied in metal case.

The set contains 12 sockets.

Content:

12 x hex sockets Art. 982 GB 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 22 - 24mm

Complete assortment.

982G 50 Each **85,10**

When stocks last, it will be supplied in a sturdy plastic case.

carolus
by GEDORE

1/2"

982G 50



3

SOCKETS FOR IMPACT WRENCHES SHANK 1/2 DIN 3121-ISO 1174

Orig. Gedore - Art. K19

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

DIN 3124, ISO 2725-2.

Hexagonal sockets, 1/2" drive.

Opening	mm	10	11	12	13	14	15	16	17	18
Overall length	mm	38	38	38	38	38	38	38	38	38
982GA	Each	8,22	8,22	8,22	8,22	8,22	8,22	8,64	8,64	8,64

Opening	mm	19	21	22	23	24	27	30	32
Overall length	mm	38	38	38	38	45	50	50	50
982GA	Each	8,64	9,34	9,34	10,20	9,90	11,60	14,80	16,30

Opening	inch	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8
Overall length	mm	38	38	38	38	38	38	38	38	38
982GA	Each	9,50	9,50	9,50	9,50	9,78	9,78	9,78	13,10	13,10

Opening	inch	15/16	1	1.1/16	1.1/8	1.1/4	1.5/16
Overall length	mm	38	38	40	40	40	43
982GA	Each	13,10	18,90	18,90	24,30	26,30	32,60

GEDORE

1/2"

982GA



Prod. SCU - Art. 5400/R6300

In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Hexagonal sockets, 1/2" drive.

Opening	mm	10	11	12	13	14	15	16
Overall length	mm	38	38	38	38	38	38	38
982GB	Each	7,06	7,12	7,22	7,34	7,44	7,54	7,64

Opening	mm	17	18	19	21	22	23	24
Overall length	mm	38	35	38	38	38	39	45
982GB	Each	7,86	10,70	8,24	8,66	8,84	11,40	9,24

Opening	mm	27	30	32	36
Overall length	mm	50	50	50	50
982GB	Each	12,20	14,30	14,50	25,20

Sizes mm 18 and 23 are made by SCU.

carolus
by GEDORE

1/2"

982GB



Prod. SCU

Product description as Art. 982GB

Polygonal sockets, 1/2" drive.

Opening	mm	8	10	11	12	13	14	15
Overall length	mm	38	38	38	38	38	38	38
982GBD	Each	6,54	6,54	6,54	6,54	6,54	6,54	7,20

Opening	mm	16	17	18	19	21	22	23
Overall length	mm	38	38	38	38	38	42	42
982GBD	Each	7,20	7,20	7,60	7,60	8,06	9,16	10,00

Opening	mm	24	27	30	32
Overall length	mm	42	42	45	45
982GBD	Each	10,50	13,10	15,20	16,10

SCU

1/2"

982GBD



Product description as Art. 982GB

Hexagonal socket "SURFACE DRIVE" profile, 1/2" drive. For a safer and quicker screw and bolt insertion.

Opening	mm	10	13	18	19	21	22
Overall length	mm	40	40	40	40	40	40
982GBE	Each	14,30	14,30	15,80	15,80	17,40	17,40

Product running out of stock.

SCU

1/2"

982GBE



Per imbocco veloce

When the Carolus branded products will be run out, they will be supplied with the same product Gedore red.



982GC GEDORE

1/2"



Orig. Gedore - Art. K19 L

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Extra long hexagonal sockets, 1/2" drive.
Overall length: 78mm.

Opening	mm	8	10	13	14	16	17	18
Overall length	mm	77	77	77	77	77	80	82
982GC	Each	23,10	23,10	23,10	23,10	23,20	23,20	23,30
Opening	mm	19	21	22	24	27		
Overall length	mm	82	82	82	82	82		
982GC	Each	23,30	23,30	23,30	24,10	28,10		

SOCKETS FOR IMPACT WRENCHES SHANK 1/2 DIN 3121-ISO 1174

982GCA carolus
by GEDORE

1/2"



Orig. Carolus - Art. 5406/R6300

In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Extra long hexagonal sockets, 1/2" drive.
Overall length: 79mm.

Opening	mm	8	10	11	12	13	14	15
982GCA	Each	17,30	13,10	11,30	11,50	11,70	11,90	14,10
Opening	mm	16	17	18	19	21	22	24
982GCA	Each	14,30	12,50	14,70	12,70	15,50	16,10	16,90
Opening	mm	27	30	32				
982GCA	Each	17,80	21,50	25,50				

Sizes mm 8 is Prod. SCU.

982GCB SCU

1/2"



Prod. SCU

Product description as Art. 982GCA

Polygonal sockets, extra long, connection 1/2".
Total length 85mm.

Opening	mm	8	10	11	12	13	14	15
982GCB	Each	10,40	10,40	10,40	10,40	10,40	10,40	10,60
Opening	mm	16	17	18	19	21	22	24
982GCB	Each	10,60	11,90	11,90	12,30	14,40	14,70	15,90
Opening	mm	30	32	36				
982GCB	Each	17,60	17,80	21,40				

The socket wrenches with an opening of 30-32-36 mm are particularly suitable for motor

982GCE SCU

1/2"



Per spazi ristretti

Product description as Art. 982GCA

Long hexagonal sockets, 1/2" drive. Thin walls, for confined areas. Especially suitable for the tightening of vehicle wheels.

Overall length: 63mm.

Opening	mm	17	19	21
external Ø	mm	25	27,5	30
982GCE	Each	18,90	18,90	21,30

To be used with torque torsion bars Art. 982 GDZ

982GCT GEDORE

1/2"



Orig. Gedore - Art. TXK 19

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Internal TORX sockets, 1/2" drive.

TORX size	E	10	12	14	16	18	20	24
For threads	M.	8	10	12	12	14	16	18-20
Seal	mm	9,3	11,1	12,8	14,7	16,6	18,4	22,1
Overall length	mm	38	38	38	38	38	38	45
982GCT	Each	13,80	13,80	13,80	13,80	13,80	15,10	15,10



Orig. Carolus - Art. 5430

In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Internal TORX sockets, 1/2" drive.

TORX size	E	6	7	8	11	12	16	20
For threads	M.	5	6	6-7	9	10	-	16
Seal	mm	5,6	6,1	7,4	10,08	11,1	14,7	18,4
Overall length	mm	38	38	38	38	38	38	38
982GCZ	Each	8,04	8,04	7,90	7,90	7,90	7,90	9,96
TORX size	E	24						
For threads	M.	18-20						
Seal	mm	22,1						
Overall length	mm	42						
982GCZ	Each	11,60						

Product running out of stock.



982GCZ



3

Orig. Gedore - Art. INK 19

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

External hex sockets, 1/2" drive.

Opening	mm	5	6	8	10	12	14	17
Overall length	mm	38	38	38	40	42	43	45
982GD	Each	23,40	23,40	23,40	23,40	24,90	24,90	27,90



982GD



Orig. Carolus - Art. 5435

In special steel. Square drive insert. Burnished. For impact or compressed air based screwdrivers.

External hex sockets, 1/2" drive. Total length 60mm.

Opening	mm	10	12	14	17	19
982GD 2	Each	15,40	15,40	15,70	18,10	21,10

Product running out of stock.



982GD 2



Prod. SCU

Product description as Art. 982GD 2

Sockets, interchangeable external hexagon, 1/2" drive. Overall length: 59mm.

Opening	mm	6	8	10	12	14
982GDA	Each	31,50	31,50	31,50	33,10	33,10



982GDA



Orig. Gedore - Art. ITX K 19

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

External TORX sockets, 1/2" drive.

TORX size	T	30	40	45	50	55	60
For threads	M.	6-7	7-8	8-10	10	12	14
Seal	mm	5,52	6,65	7,82	8,83	11,22	13,25
Overall length	mm	57	57	57	57	57	60
982GDT	Each	35,90	36,90	39,30	41,50	41,50	41,50



982GDT



SETS OF SOCKETS

Orig. Carolus - Art. 5575.00/R63043003

In special steel. Square drive. Suitable for impact or compressed air wrenches.

Supplied in metal case.

The set contains 3 sockets.

Content:

3 x hex sockets Art. 982 GDVA 17 - 19 - 21mm

Complete assortment.

982GDV	Each	48,60
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982GDV



Prices in EURO . VAT not included

When the Carolus branded products will be run out, they will be supplied with the same product Gedore red.



SOCKETS FOR IMPACT WRENCHES DIN 3129-ISO 2725

982GDVA



1/2"



Orig. Carolus - Art. 5575/R6304

Product description as Art. 982GDV

Coloured hex sockets with plastic sheath for external protection and internal insert to avoid damaging rims and bolts. 1/2" drive.

Total length: 85mm.

Opening	mm	15	17	19	21	22
Colour		green	blue	yellow	red	lilac
982GDVA	Each	14,20	18,10	18,60	19,10	16,60

Sizes mm 15 and 22 running out of stock.

Plastic sheath for external protection for Art. 982 GDVA.

Opening	mm	19	21	22
O982GDVA	Each	2,06	2,06	2,06

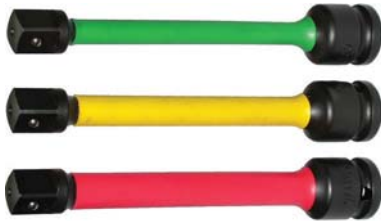
Product running out of stock.

IMPACT TORQUE STICKS

982GDZ



1/2"



Prod. SCU

Model in special steel with preset torque value. Stick torsion on reaching of the chosen value. To be used for tightening with impact wrenches only. Differently coloured to assure a quick and safe choice of the right type.

External/internal 1/2" square drive sticks. Overall length: 152mm.

Tightening capacity up to	Nm	80	120	170
Colour		green	yellow	red
982GDZ	Each	47,20	47,20	47,20

SETS OF SOCKETS

982GDZ 400



3/4"



Orig. Gedore - Art. K 32-040

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Supplied in plastic case.

The set contains 4 sockets.

Content:

4 x hex sockets Art. 982 GE 24 - 27 - 30 - 33mm

Complete assortment.

982GDZ 400	Each	143,00
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SOCKETS FOR IMPACT WRENCHES SHANK 3/4 E 1" DIN 3121-ISO 1174

982GE



3/4"



Orig. Gedore - Art. K 32

Product description as Art. 982GDZ 400

DIN 3124, ISO 2725-2 dimensions in mm.

Hexagonal sockets, 3/4" drive.

Opening	mm	17	18	19	22	24	27	30	32
Overall length	mm	45	45	45	46	46	48	52	52
982GE	Each	23,50	23,50	22,90	25,50	25,50	26,60	27,40	29,60

Opening	mm	33	34	36	38	41
Overall length	mm	55	55	56	59	59
982GE	Each	35,10	37,30	34,60	42,20	46,40

Opening	inch	13/16	7/8	15/16	1	1.1/16	1.1/8	1.1/4	1.5/16
Overall length	mm	46	46	46	46	48	52	52	55
982GE	Each	26,80	27,80	27,20	29,10	29,30	29,90	33,10	38,30

Opening	inch	1.3/8	1.7/16	1.1/2	1.5/8	1.11/16	1.3/4	1.7/8	2
Overall length	mm	55	56	59	59	64	64	67	67
982GE	Each	38,30	46,80	46,80	50,40	53,20	54,30	70,60	81,40



Orig. Carolus - Art. 8106/R7300

In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.



3/4"

982GEB

Hexagonal sockets, 3/4" drive.

Opening	mm	17	18	19	22	24	26	27
Overall length	mm	50	50	51	51	52	50	54
982GEB	Each	24,10	24,10	18,80	20,30	20,90	24,10	22,50
Opening	mm	29	30	32	33	34	35	36
Overall length	mm	54	54	56	56	57	57	56
982GEB	Each	25,50	24,20	25,60	27,70	28,50	31,50	29,10
Opening	mm	38	41	46	50	55	60	
Overall length	mm	58	58	63	70	75	80	
982GEB	Each	31,70	34,80	37,30	53,20	62,90	67,40	

Sizes mm 17-18-26-29-34-35-50-55-60 are made by SCU.



3

Prod. SCU

Product description as Art. 982GEB

Polygonal sockets, 3/4" drive.



3/4"

982GEC

Opening	mm	17	18	19	22	24	27	30
Overall length	mm	50	50	50	50	50	50	55
982GEC	Each	14,00	14,00	14,00	14,00	14,70	14,70	15,80
Opening	mm	32	33	34	35	36	41	46
Overall length	mm	55	55	55	55	55	55	55
982GEC	Each	16,40	16,60	16,90	17,30	18,70	22,90	27,30



Orig. Gedore - Art. K32 L

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Extra long hexagonal sockets, 3/4" drive.

Length: 90mm.



3/4"

982GEL

Opening	mm	17	18	19	22	24	27	30
982GEL	Each	36,50	40,40	36,60	38,80	38,80	40,10	48,60
Opening	mm	32	33	34	36	41		
982GEL	Each	51,80	63,10	68,10	63,40	65,60		

18mm sockets are SCU product.



Orig. Carolus - Art. 8406/R7300

In special steel. Square drive insert. Burnished. For impact or compressed air based screwdrivers.

Hex sockets, extra-long, 3/4" drive.

Length 90mm.



3/4"

982GEL 2

Opening	mm	17*	19	21	22	23*	24
982GEL 2	Each	26,60	30,00	30,50	31,90	28,50	32,60
Opening	mm	25*	26*	27	30	32	33
982GEL 2	Each	28,50	28,50	32,90	38,20	44,60	49,10
Opening	mm	35*	36	41	46		
982GEL 2	Each	39,90	53,10	57,10	62,90		

* Sizes running out of stock.



Orig. Gedore - Art. INK 32

Reinforced type GEDORE-SONDERSTAHL. Square fastening hole. Burnish finish. Suitable for hand or compressed air impact wrenches.

External hex sockets, 3/4" drive.



3/4"

982GEM

Opening	mm	14	17	19	22	24	27
Overall length	mm	59	62	64	67	67	67
982GEM	Each	36,20	36,00	36,00	36,00	35,80	35,80



Orig. Carolus - Art. 8435

In special steel. Square drive insert. Burnished. For impact or compressed air based screwdrivers.

External hex sockets, 3/4" drive.

Total length 90mm.



3/4"

982GEN

Opening	mm	22	24	27
982GEN	Each	27,20	27,20	27,20

Product running out of stock.





982GEP

SCU

3/4"



Prod. SCU

Product description as Art. 982GEN

Sockets, interchangeable external hexagon, 3/4" drive.

Opening	mm	12	14	17	19	22	24
Overall length	mm	70	70	82	82	82	82
982GEP	Each	48,70	48,70	59,90	59,90	59,90	64,40

982GF

GEDORE

1"



Orig. Gedore - Art. K 21

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

DIN 3124, ISO 2725-2 dimensions in mm.

Hexagonal sockets, 1" drive.

Opening	mm	22	24	27	30	32	33	34	36
Overall length	mm	55	55	55	57	57	57	60	60
982GF	Each	38,80	38,80	38,80	38,80	38,80	43,30	43,30	43,30

Opening	mm	38	41	42	46	50	55	60	65
Overall length	mm	64	64	64	69	70	70	70	70
982GF	Each	51,30	51,30	55,90	55,90	64,10	67,70	76,10	116,00

Opening	mm	70	75	80
Overall length	mm	70	80	80
982GF	Each	138,00	157,00	169,00

Opening	inch	1	1.1/4	1.7/16	1.1/2	1.5/8	1.13/16	1.7/8	2.1/4
Overall length	mm	55	57	60	64	64	69	70	70
982GF	Each	41,90	41,90	53,60	53,60	53,60	75,70	76,80	113,00

982GFB

SCU

1"



Prod. SCU

In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Hexagonal sockets, 1" drive.

Opening	mm	22	24	27	30	32	33	34
Overall length	mm	60	60	60	62	63	63	63
982GFB	Each	36,70	38,20	38,20	38,20	38,20	38,20	39,70

Opening	mm	36	38	41	42	46	50	55
Overall length	mm	67	67	70	70	76	82	87
982GFB	Each	41,20	44,90	49,40	50,90	50,90	61,40	65,90

Opening	mm	60	65	70
Overall length	mm	91	95	100
982GFB	Each	82,30	89,80	94,30

982GFL

GEDORE

1"



Orig. Gedore - Art. K 21 L

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Extra long hexagonal sockets, 1" drive.

Length: 100mm.

Opening	mm	22	24	27	30	32	33	34
982GFL	Each	61,30	61,30	61,30	66,20	68,10	74,60	75,10

Opening	mm	36	38	41	46
982GFL	Each	70,80	77,10	80,40	104,00

982GFP

GEDORE

1"



Orig. Gedore - Art. INK 21

Product description as Art. 982GFL

External hex sockets, 1" connection.

Total length 75mm.

Opening	mm	19	22	24	27	30	32	36
982GFP	Each	50,10	50,10	50,10	50,10	50,10	50,10	54,90

IMPACT TORQUE STICK-SOCKETS

982GFT

SCU

1"



Prod. SCU

Model in special steel with preset torque value. Bar torsion on reaching of the chosen value. To be used for tightening with impact wrenches only.

Hexagonal sockets-sticks/bars, 1" drive. Overall length: 305mm.

Opening	mm	27	30	32	33	36
Tightening capacity up to	Nm	450	550	600	650	650
982GFT	Each	164,00	164,00	164,00	164,00	189,00



SOCKETS FOR IMPACT WRENCHES SHANK 1.1/2" - 2.1/2" DIN 3121-ISO 1174

Orig. Gedore - Art. K 37

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

DIN 3124, ISO 2725-2.

Hexagonal sockets, 1 1/2" drive.

Opening	mm	46	50	55	60	65	70	75	80
Overall length	mm	80	82	88	92	96	101	105	110
982GH	Each	186,00	195,00	204,00	228,00	259,00	309,00	330,00	380,00
Opening	mm	85	90	95	100	105	110	115	120
Overall length	mm	116	118	118	125	125	137	137	145
982GH	Each	396,00	415,00	512,00	541,00	608,00	672,00	709,00	1.120,00

GEDORE

1.1/2"

982GH



Orig. Gedore - Art. K 37 L

Product description as Art. 982GH

Extra long hexagonal sockets, 1 1/2" drive.

Opening	mm	41	46	50	55	60	65	70
Overall length	mm	140	140	140	140	140	140	140
982GL	Each	398,00	398,00	398,00	398,00	475,00	452,00	508,00
Opening	mm	75	80	85	90	95	100	105
Overall length	mm	140	140	140	140	150	150	150
982GL	Each	663,00	687,00	810,00	856,00	863,00	941,00	1.040,00
Opening	mm	110	115	120				
Overall length	mm	160	160	170				
982GL	Each	1.330,00	1.480,00	2.820,00				

GEDORE

1.1/2"

982GL



Orig. Gedore - Art. K 64

Product description as Art. 982GH

DIN 3124, ISO 2725-2.

Hexagonal sockets, 2 1/2" drive.

Opening	mm	75	80	85	90	95	100	105
Overall length	mm	125	125	130	132	132	141	141
982GM	Each	598,00	598,00	713,00	691,00	786,00	905,00	967,00
Opening	mm	110	115	120				
Overall length	mm	150	150	158				
982GM	Each	1.070,00	1.130,00	1.280,00				

GEDORE

2.1/2"

982GM



ACCESSORIES FOR IMPACT SOCKET ATTACHMENTS

Orig. Gedore red - Art. R6398/R7398/R8398

Series of ring and safety pin for Gedore RED reinforced bushes. Round attack hole. Suitable for percussion or compressed air screwdrivers.

Rubber rings and steel pins.

Size		2	3	4	5
For bushes drive	inch	1/2	1/2	3/4	1
For bushes opening	mm	8-14	15-32	17-50	24-80
982P	Series	11,70	12,50	13,70	16,90

GEDORE

982P
new



Orig. Gedore

GEDORE-SONDERSTAHL reinforced type. Square connection hole. Burnished finish. For percussion and compressed-air screwdrivers.

(also applicable to impact socket attachment Prod. SCU)

Rubber rings.

GEDORE

982RA



Size		00	0	1	2	3	4	6	7	8	10
For bushes drive	inch	1/4	3/8	3/8	1/2	1/2	3/4	3/4 - 1	1	1.1/2	1.1/2 - 2.1/2
For bushes opening	mm	5.5-17	6-12	13-24	10-14	15-32	17-41	46-60/22-70	75-80	41-90	95-120/75-120
For bushes opening TORX	E	-	5-14	-	10-18	20-24	-	-	-	-	-
For male hexagonal bushes opening	mm	-	-	-	5-10	12-17	12-24	-	-	-	-
For bushes opening TORX	T	-	-	-	-	30-60	-	-	-	-	-
For torsion bars	Nm	-	-	-	80-170	-	-	450-650	-	-	-
Supplier code		KB2070	KB3070	KB3070	KB1970	KB1970	KB3270	KB2170	KB3770	KB3770	KB6470
982RA	Each	0,40	0,58	0,64	0,32	0,36	1,76	3,26	7,06	7,06	21,20



982RB GEDORE

Product description as Art. 982RA
Steel pins.

Size		00	0	1	2	3	4	6	7	8	10
For bushes drive	inch	1/4	3/8	3/8	1/2	1/2	3/4	3/4 - 1	1	1.1/2	1.1/2 - 2.1/2
For bushes opening	mm	5.5-17	6-12	13-24	10-14	15-32	17-41	46-60/22-70	75-80	41-90	95-120/75-120
For bushes opening TORX	E	-	5-14	-	10-18	20-24	-	-	-	-	-
For male hexagonal bushes opening	mm	-	-	-	5-10	12-17	12-24	-	-	-	-
For bushes opening TORX	T	-	-	-	-	30-60	-	-	-	-	-
For torsion bars	Nm	-	-	-	80-170	-	-	450-650	-	-	-
Supplier code		KB2075	KB3075	KB3075	KB1975	KB1975	KB3275	KB2175	KB3775	KB3775	KB6475
982RB	Each	0,44	2,00	2,14	0,76	0,76	1,06	1,18	2,12	2,12	10,30

982RC GEDORE 1/4"



Orig. Gedore - Art. KB2090-2
Product description as Art. 982RA
Extensions, 1/4" connection.

Length	mm	50
982RC	Each	16,30

982RE GEDORE 3/8"



Orig. Gedore
Product description as Art. 982RA
Extensions, 3/8" connection.

Length	mm	75	125	250
Supplier code		KB3090-3	KB3090-5	KB3090-10
982RE	Each	17,60	18,60	26,50

982REP carolus 3/8"
by GEDORE



Orig. Carolus
In special steel. Square drive insert. Burnished. For impact or compressed air based screwdrivers.
Extensions, 3/8" drive.

Length	mm	75	150
Supplier code		6450.075	6450.150
982REP	Each	7,98	11,20

Product running out of stock.

982RF GEDORE 1/2"



Orig. Gedore
GEDORE-SONDERSTAHL reinforced type. Square connection hole. Burnished finish. For percussion and compressed-air screwdrivers.
(also applicable to impact socket attachment Prod. SCU)
Extensions, 1/2" connection.

Length	mm	125	250
Supplier code		KB1990-5	KB1990-10
982RF	Each	24,40	36,60

982RFP carolus 1/2"
by GEDORE



Orig. Carolus - Art. 5450/R6610
In special steel. Square drive insert. Burnished. For impact or compressed air based screwdrivers.
Extensions, 1/2" drive.

Length	mm	125	250
982RFP	Each	19,30	29,30

982RH GEDORE 3/4"



Orig. Gedore
GEDORE-SONDERSTAHL reinforced type. Square connection hole. Burnished finish. For percussion and compressed-air screwdrivers.
(also applicable to impact socket attachment Prod. SCU)
Extensions, 3/4" connection.

Length	mm	205	300	405
Supplier code		KB3290-8	KB3290-12	KB3290-16
982RH	Each	56,60	68,10	88,90

982RHP carolus 3/4"
by GEDORE



Orig. Carolus - Art. 8450/R7610
In special steel. Square drive insert. Burnished. For impact or compressed air based screwdrivers.
Extensions, 3/4" drive.

Length	mm	205	250	300
982RHP	Each	45,00	56,10	59,80

Size mm 250 running out of stock.



Orig. Gedore

GEDORE-SONDERSTAHL reinforced type. Square connection hole. Burnished finish. For percussion and compressed-air screwdrivers.
(also applicable to impact socket attachment Prod. SCU)
Extensions, 1" connection.

Length	mm	205	300	405
Supplier code		KB2190-8	KB2190-12	KB2190-16
982RL	Each	81,40	94,90	115,00

GEDORE **1"** **982RL**



Orig. Gedore - Art. R86100059

In CHROME-MOLYBDENUM steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.
1" drive extension.

Length	mm	300
982RL 0	Each	88,50

GEDORE **1"** **982RL 0**
new



Orig. Gedore - Art. KB3095

GEDORE-SONDERSTAHL reinforced type. Square connection hole. Burnished finish. For percussion and compressed-air screwdrivers.
(also applicable to impact socket attachment Prod. SCU)
SPHERE JOINT

Joints, 3/8" connection. Length 42 mm.

982RL 1	Each	38,30
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GEDORE **3/8"** **982RL 1**



Orig. Gedore - Art. KB1995

Product description as Art. 982RL 1
SPHERICAL JOINTS
Joints, 1/2" connection. Length 75,5 mm.

982RM	Each	44,70
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GEDORE **1/2"** **982RM**



Orig. Gedore - Art. KB3295

Product description as Art. 982RL 1
CARDAN JOINTS
Joints, 3/4" connection. Length 108 mm.

982RP	Each	140,00
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GEDORE **3/4"** **982RP**



Orig. Gedore - Art. KB2195

Product description as Art. 982RL 1
CARDAN JOINTS
Joints, 1" connection. Length 140 m.

982RS	Each	254,00
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GEDORE **1"** **982RS**



Orig. Gedore

Product description as Art. 982RL 1
EXPANSION AND REDUCTION SOCKETS

GEDORE **982RT**



Size		0	1	2	3	4	4A	5
Type		reduction	reduction	reduction	reduction	reduction	reduction	reduction
Female square	inch	3/8	1/2	3/4	1	1.1/2	1.1/2	2.1/2
Male square	inch	1/4	3/8	1/2	3/4	1	1	1.1/2
Overall length	mm	31	44	65	75	95	110	145
Supplier code		KB3020	KB1930	KB3219	KB2132	KB3721		KB6437
982RT	Each	25,90	29,60	28,60	45,10	576,00	131,00	942,00

Size		5A	5M	6	7	8	9	10
Type		reduction	increase	increase	increase	increase	increase	increase
Female square	inch	2.1/2	1/4	3/8	1/2	3/4	1	1.1/2
Male square	inch	1.1/2	3/8	1/2	3/4	1	1.1/2	2.1/2
Overall length	mm	165	25	36	45	65	82	128
Supplier code				KB3019	KB1932	KB3221	KB2137	
982RT	Each	536,00	14,90	27,20	21,10	35,10	207,00	237,00

4A-5A-5M-10 widths are SCU product.



982RTE **carolus**
by GEDORE



Orig. Carolus

In special steel. Square drive insert. Burnished. For impact or compressed air based screwdrivers.

REDUCTION AND CONVERSION SOCKETS

Size		1	2	7	8
Type		reduction	reduction	increase	increase
Female square drive.	inch	1/2	3/4	1/2	3/4
Male square drive.	inch	3/8	1/2	3/4	1
Supplier code		5464.00/ R67600005	8454.00/ R77600010	5484.00/ R67400008	8494.00/ R77400011
982RTE	Each	23,20	25,20	17,20	28,90

SCREWDRIVERS DREMO PLUS 3K LINE

982RVA **GEDORE**



Orig. Gedore - Art. 171 IS

Screwdrivers for electronics, high performance industrial series. Ergonomic antislip dual-component handle. With rotating rear end cap.

Blades in MOLYBDENUM-VANADIUM 73Mo V52 steel, tip additional coating for maximum precision and corrosion resistance.

With graduation marks, chrome plated and satin finish.

FLAT BLADE SCREWDRIVERS

Type		60A	60B	60C	60D	75	100
Blade length	mm	60	60	60	60	75	100
Cutting edge width	mm	1,2	1,5	1,8	2	2,5	3
Overall length	mm	155	155	155	155	170	195
982RVA	Each	7,10	6,92	6,86	6,74	6,40	5,96

982RVB **GEDORE**



Orig. Gedore - Art. 165 PH

Product description as Art. 982RVA

CROSSBLADE PHILLIPS SCREWDRIVERS

Size		000	00	0	1
Blade length	mm	60	60	60	80
For screws	M.	-	-	2	2-3
Overall length	mm	155	155	155	175
982RVB	Each	8,74	8,02	5,86	6,06

982RVE **GEDORE**



Orig. Gedore

Product description as Art. 982RVA

SCREWDRIVERS FOR TORX SCREWS

TORX size	T	1	2	3	4	5	6	7
Blade length	mm	40	40	60	60	60	60	60
For screws	M.	-	-	1,2-1,4	1,4	1,8	2	2,5
Seal	mm	0,73	0,86	1,10	1,28	1,42	1,70	1,99
Overall length	mm	134	134	155	155	155	155	155
982RVE	Each	19,90	19,90	11,50	11,50	8,92	7,10	7,10
TORX size	T	8	9	10	15	20		
Blade length	mm	60	60	60	60	80		
For screws	M.	2,5	3	3-3,5	3,5-4	4-5		
Seal	mm	2,31	2,50	2,74	3,27	3,86		
Overall length	mm	155	155	155	155	175		
982RVE	Each	7,10	7,28	7,28	7,28	7,60		

Sizes 1 and 2 are original WIHA.

982RVF **GEDORE**



Orig. Gedore - Art. 164 IN

Product description as Art. 982RVA

SCREWDRIVERS FOR ALLEN SCREWS

Blade length: 60mm. Total length: 155mm.

Hexagon opening	mm	0,7	0,9	1,3	1,5	2	2,5	3
982RVF	Each	9,14	8,74	7,34	7,34	7,10	7,10	7,10



SCREWDRIVERS DREMO PLUS 3K LINE

Orig. Gedore - Art. 2170

Screwdrivers, high performance industrial series. Strong anatomic antislip handle obtained thanks to the combination of three plastic materials: very stiff core, stiff front side and soft central-rear side.

Blades in MOLYBDENUM-VANADIUM 73Mo V52 steel.



982SA

Hang hole. FLAT BLADE SCREWDRIVERS FOR ELECTRICIANS-INSULATED BLADE (DIN 5265-cutting edge DIN 5264A).

Type		150
Blade length	mm	150
Cutting edge width	mm	6,5
Cutting edge thickness	mm	1,2
Blade Ø	mm	6,5
Overall length	mm	260
982SA	Each	9,50

Product running out of stock.



Orig. Gedore - Art. 2150

Product description as Art. 982SA

Hang hole. FLAT BLADE SCREWDRIVERS (DIN ISO 2380-2, cutting edge DIN ISO 2380-1A).

Type		80	100	125	150	175	200	250
Blade length	mm	80	100	100	150	175	200	250
Cutting edge width	mm	3	4	5,5	6,5	8	10	12
Cutting edge thickness	mm	0,5	0,8	1	1,2	1,6	1,6	2
Blade Ø	mm	3	4	5	6	7	8	9
Overall length	mm	160	190	225	250	295	320	370
982SB	Each	5,48	6,18	7,12	13,10	15,30	20,40	25,10

Type		300*	300A*	300B
Blade length	mm	300	300	300
Cutting edge width	mm	6,5	8	10
Cutting edge thickness	mm	1,2	1,2	1,6
Blade Ø	mm	6	6	8
Overall length	mm	420	420	420
982SB	Each	22,30	25,90	14,30

* Sizes running out of stock.



982SB



Screwdrivers, high performance industrial series. Strong anatomic antislip handle obtained thanks to the combination of three plastic materials: very stiff - core, stiff - front side and soft - central-rear side.

Blades in MOLYBDENUM-VANADIUM 73Mo V52 steel.

With graduation marks, chrome plated, matt finish, grey tip for highest precision.

Hang hole. FLAT BLADE SCREWDRIVERS WITH PARALLEL FACES (DIN ISO 2380-2, cutting edge DIN ISO 2380-1B).

Type		100B*	125A	125B	150	150A	150B	200
Blade length	mm	100	125	125	150	150	150	200
Cutting edge width	mm	6	3,5	5,5	3	4	5,5	6,5
Cutting edge thickness	mm	1,2	0,6	1	0,5	0,8	1	1,2
Blade Ø	mm	6	3,5	5,5	3	4	5,5	6,5
Overall length	mm	210	210	225	230	240	250	310
982SC	Each	9,76	6,10	9,18	6,68	7,68	10,50	13,90

Size 100B running out of stock.



982SC



Orig. Gedore - Art. 2154SK

Product description as Art. 982SC

FLAT BLADE SCREWDRIVERS WITH HEXAGON RECEPTACLE AND STEEL END CAP

Type		75	90	100	125	150	175	200	200A
Blade length	mm	75	75	100	125	150	175	200	250
Cutting edge width	mm	3,5	4,5	5,5	6,5	8,0	8,0	12	14
Cutting edge thickness	mm	0,6	0,8	1,0	1,2	1,2	1,6	2,0	2,5
Blade Ø	mm	4	5	5	6	7	8	9	13
Overall length	mm	180	180	205	230	270	295	320	320
Hexagon	mm	8	8	8	10	13	13	16	16
982SEC	Each	14,20	13,40	14,10	15,80	19,70	19,20	30,60	40,10



982SEC





982SF **GEDORE**



Orig. Gedore - Art. 2160 PH

Product description as Art. 982SC
With hang hole. PHILLIPS SCREWDRIVERS
(DIN ISO 8764, tip DIN ISO 8764-1/PH).

Size		0	1	1L	2	2L	3	4
Blade length	mm	60	80	200	100	200	150	200
For screws	M.	1,6-2	2-3	2-3	3,5-5	3,5-5	5,5-7	8-10
Blade Ø	mm	3	4,5	4,5	6	6	8	10
Overall length	mm	140	180	300	210	310	270	320
Hexagon	mm	-	-	-	-	-	13	16
982SF	Each	6,64	8,48	10,30	11,40	15,10	15,30	19,90

982SFC **GEDORE**



Orig. Gedore - Art. 2160SK PH

Product description as Art. 982SC
PHILLIPS SCREWDRIVERS WITH HEXAGON RECEPTACLE AND STEEL END CAP

Size		1	2	3	4
Blade length	mm	80	100	150	200
For screws	M.	2-3	3,5-5	5,5-7	8-10
Blade Ø	mm	4	6	8	10
Overall length	mm	185	220	270	320
Hexagon	mm	8	10	13	16
982SFC	Each	14,40	15,80	20,80	30,20

982SL **GEDORE**



Orig. Gedore - Art. 2160 PZ

Product description as Art. 982SC
With hang hole. POZIDRIV SCREWDRIVERS
(DIN 8764, tip DIN ISO 8764-1/PZ).

Size		0	1	2	3	4
Blade length	mm	60	80	100	150	200
For screws	M.	1,6-2	2-3	3,5-5	5,5-7	8-10
Blade Ø	mm	3	4,5	6	8	10
Overall length	mm	140	180	210	270	320
Hexagon	mm	-	-	-	13	16
982SL	Each	8,26	9,84	13,40	18,60	25,10

Sizes 3 and 4 have an hexagonal connection.

982SLC **GEDORE**



Orig. Gedore - Art. 2160SK PZ

Product description as Art. 982SC
POZIDRIV SCREWDRIVERS WITH HEXAGON RECEPTACLE AND STEEL END CAP

Size		1	2	3
Blade length	mm	80	100	150
For screws	M.	2-3	3,5-5	5,5-7
Blade Ø	mm	4	6	8
Overall length	mm	185	220	270
Hexagon	mm	8	10	13
982SLC	Each	14,50	15,90	24,10

982SM **GEDORE**



Orig. Gedore - Art. 2163 TX

Product description as Art. 982SC
Hang hole. SCREWDRIVERS FOR TORX SCREWS

TORX size	T	5	6	7	8	9	10	15
Blade length	mm	60	60	60	60	60	80	80
For screws	M.	1,8	2	2,5	2,5	3	3-3,5	3,5-4
Seal	mm	1,42	1,70	1,99	2,31	2,50	2,74	3,27
Blade Ø	mm	3	3	3	3	3	3	3,5
Overall length	mm	140	140	140	140	140	160	170
982SM	Each	8,72	8,72	8,48	8,48	8,48	8,48	8,72
TORX size	T	20	25	27	30	40	45	
Blade length	mm	100	100	115	115	130	130	
For screws	M.	4-5	4,5-5	4,5-6	6-7	7-8	8-10	
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	
Blade Ø	mm	4	4,5	5,5	6	7	8	
Overall length	mm	190	200	215	225	240	250	
982SM	Each	8,88	9,40	10,30	11,10	12,30	14,40	



Orig. Gedore - Art. 2163 TXB

Product description as Art. 982SC

Hang hole. SCREWDRIVERS FOR TORX SCREWS WITH HOLE

TORX size	T	7	8	9	10	15	20	25
Blade length	mm	60	60	60	80	80	100	100
For screws	M.	2,5	2,5	3	3-3,5	3,5-4	4-5	4,5-5
Seal	mm	1,99	2,31	2,50	2,74	3,27	3,86	4,43
Blade Ø	mm	3	3	3	3	3,5	4	4,5
Overall length	mm	140	140	140	160	170	190	200
982SP	Each	11,50	11,50	11,50	11,60	11,70	12,10	12,80

TORX size	T	27	30	40
Blade length	mm	115	115	130
For screws	M.	4,5-6	6-7	7-8
Seal	mm	4,99	5,52	6,65
Blade Ø	mm	5,5	6	7
Overall length	mm	215	225	240
982SP	Each	14,10	14,80	16,50

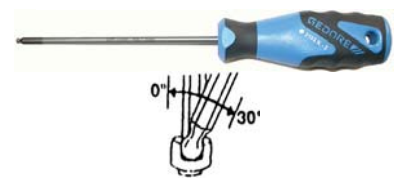


Orig. Gedore - Art. 2163 K

Product description as Art. 982SC

Hang hole. BALL SCREWDRIVERS FOR ALLEN SCREWS

Hexagon opening	mm	2	3	4	5	6	8	10	12
Blade length	mm	100	100	100	100	125	150	150	160
Blade Ø	mm	3	4	5	6	7	10	12	14
Overall length	mm	185	185	185	200	235	270	270	270
982SR	Each	7,12	6,64	7,28	8,36	10,10	15,80	17,70	20,20



SCREWDRIVERS DREMO PLUS 1K LINE, SHORT PATTERN

Orig. Gedore - Art. 2153

Screwdrivers, high performance industrial series. Handle in stiff plastic material. Blades in MOLYBDENUM-VANADIUM 73Mo V52 steel.

With graduation marks, chrome plated, matt finish, grey tip for highest precision. Hang-up hole.

FLAT BLADE SCREWDRIVERS (DIN 5265-cutting edge DIN 5264B).

Type		1	2	3	4
Blade length	mm	25	25	25	25
Cutting edge width	mm	4	5,5	6,5	8
Cutting edge thickness	mm	0,8	1	1,2	1,2
Blade Ø	mm	4	5,5	6,5	8
Overall length	mm	75	75	75	75
982ST	Each	5,60	5,66	6,04	6,42



Orig. Gedore - Art. 2161 PH

Product description as Art. 982ST

PHILLIPS SCREWDRIVERS (DIN ISO 8764, tip DIN ISO 8764-1/PH).

Size		1	2
Blade length	mm	25	25
For screws	M.	2-3	3,5-5
Blade Ø	mm	4,5	6
Overall length	mm	75	75
982SV	Each	5,62	6,20



Orig. Gedore - Art. 2161 PZ

Product description as Art. 982ST

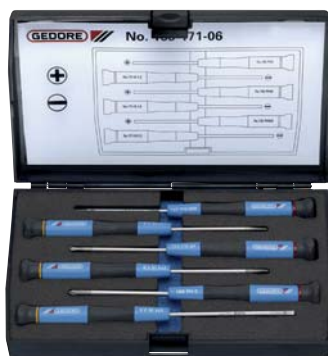
POZIDRIV SCREWDRIVERS (DIN ISO 8764, tip DIN ISO 8764-1/PZ).

Size		1	2
Blade length	mm	25	25
For screws	M.	2-3	3,5-5
Blade Ø	mm	4,5	6
Overall length	mm	75	75
982SZ	Each	6,40	7,00





SETS OF SCREWDRIVERS DREMO PLUS 3K LINE

982TL **GEDORE****Orig. Gedore - Art. 165-171-06**

Screwdrivers for electronics, high performance industrial series. Ergonomic antislip dual-component handle. With rotating rear end cap. Blades in MOLYBDENUM-VANADIUM 73Mo V52 steel, tip additional coating for maximum precision and corrosion resistance. With graduation marks, chrome plated and satin finish.

The set contains 6 tools.

Content:

- 1 x flat blade screwdriver Art. 982 RVAx60A
- 1 x flat blade screwdriver Art. 982 RVAx60C
- 1 x flat blade screwdriver Art. 982 RVAx75
- 1 x PHILLIPS screwdriver Art. Art. 982 RVBx000
- 1 x PHILLIPS screwdriver Art. Art. 982 RVBx00
- 1 x PHILLIPS screwdriver Art. Art. 982 RVBx0

In plastic case.

Complete assortment.

982TL Each 69,10

982TM **GEDORE****Orig. Gedore - Art. 165 TX-06**

Product description as Art. 982TL

The set contains 6 tools.

Content:

- 1 x 5 screwdrivers for TORX screws Art. 982 RVExT5-T6-T7-T8-T9-T10

In plastic case.

Complete assortment.

982TM Each 70,60

982TP **GEDORE****Orig. Gedore - Art. 1021**

Product description as Art. 982TL

The set contains 7 tools.

Content:

- 1 x flat blade screwdriver Art. 982 RVAx60A
- 1 x flat blade screwdriver Art. 982 RVAx60B
- 1 x flat blade screwdriver Art. 982 RVAx60D
- 1 x PHILLIPS screwdriver Art. Art. 982 RVBx00
- 1 x PHILLIPS screwdriver Art. Art. 982 RVBx0
- 1 x pliers for electronics Art. 106 GL
- 1 x cutter for electronics Art. 557 GC

In plastic case. Complete set.

982TP Each 189,00

SETS OF SCREWDRIVERS DREMO PLUS 3K LINE

982VA **GEDORE****Orig. Gedore - Art. 2150-2160 PH-06**

Screwdrivers, high performance industrial series. Strong anatomic antislip handle obtained thanks to the combination of three plastic materials: very stiff - core, stiff - front side and soft - central-rear side.

Blades in MOLYBDENUM-VANADIUM 73Mo V52 steel.

With graduation marks, chrome plated, matt finish, grey tip for highest precision.

Hang-up hole.

6-tools set.

Each set contains:

- 1 x flat blade screwdriver Art. 982 SBx100
- 1 x flat blade screwdriver Art. 982 SBx125
- 1 x flat blade screwdriver Art. 982 SBx150
- 1 x flat blade screwdriver Art. 982 SBx175
- 1 x PHILLIPS screwdriver Art. 982 SFx1
- 1 x PHILLIPS screwdriver Art. 982 SFx2

In cardboard box. Complete set.

982VA Each 62,10

Orig. Gedore - Art. 2150-2160 PH-010

Product description as Art. 982VA

10-tools set.

- 1 x flat-tip screwdriver Art. 982 SBx80
 - 1 x flat-tip screwdriver Art. 982 SBx100
 - 1 x flat-tip screwdriver Art. 982 SBx125
 - 1 x flat-tip screwdriver Art. 982 SBx150
 - 1 x flat-tip screwdriver Art. 982 SBx175
 - 1 x PHILLIPS screwdriver Art. 982 SFx1
 - 1 x PHILLIPS screwdriver Art. 982 SFx2
 - 1 x flat-tip screwdriver, short pattern Art. 982 STx2
 - 1 x PHILLIPS screwdriver, short pattern Art. 982 SVx1
 - 1 x phase detecting screwdriver 150-250 V
- Supplied in cardboard packaging. Complete set.

982VB Each **81,90**



982VB



3

Orig. Gedore - Art. 2150-2160 PZ-06

Product description as Art. 982VA

6-tools sets.

Each set consists of:

- 1 x flat blade screwdriver Art. 982 SBx100
 - 1 x flat blade screwdriver Art. 982 SBx125
 - 1 x flat blade screwdriver Art. 982 SBx150
 - 1 x flat blade screwdriver Art. 982 SBx175
 - 1 x PHILLIPS screwdriver Art. 982 SLx1
 - 1 x PHILLIPS screwdriver Art. 982 SLx2
- In cardboard box. Complete set.

982VC Each **65,80**



982VC



Orig. Gedore - Art. 2163 TX-05

Product description as Art. 982VA

5-tools set.

Each set contains:

- 1 x 5 screwdrivers for TORX screws Art. 982 SMxT10-T15-T20-T25-T30
- Supplied in cardboard packaging.
Complete assortment.

982VE Each **47,30**



982VE



Orig. Gedore - Art. 2163 TX-010

Product description as Art. 982VA

10-tools sets.

Each set contains:

- 1 x 10 screwdrivers for TORX screws Art. 982 SMxT7-T8-T9-T10-T15-T20-T25-T-27-T30-T40
- Supplied in cardboard packaging.
Complete assortment.

982VF Each **95,60**



982VF



Orig. Gedore - Art. 2163 TXB-05

Product description as Art. 982VA

5-tools set.

Each set contains:

- 1 x 5 screwdrivers for TORX screws with hole Art. 982 SPxT10-T15-T20-T25-T30
- Supplied in cardboard packaging.
Complete assortment.

982VL Each **63,70**



982VL



**982VR GEDORE****Orig. Gedore - Art. SK 2154 PH-06**

Product description as Art. 982VA

SCREWDRIVERS WITH EXAGON AND STEEL BEATING SURFACE

6-tools set:

Content:

- 1 x flat blade screwdriver Art. 982 SECx90
 - 1 x flat blade screwdriver Art. 982 SECx100
 - 1 x flat blade screwdriver Art. 982 SECx125
 - 1 x flat blade screwdriver Art. 982 SECx150
 - 1 x PHILLIPS screwdriver Art. 982 SFCx1
 - 1 x PHILLIPS screwdriver Art. 982 SFCx2
- In cardboard box. Complete set.

982VR Each 91,70

SCREWDRIVER BITS**983GA GEDORE****Orig. Gedore - Art. 680**

Burnished finish. GEDORE-VANADIUM-SONDERSTAHL. Screw insert bits. Hand or machine-Straight head screw DIN 3127 – ISO 2351.

1/4" connection.

Cutting width	mm	4	4,5	5,5	6,5	7	8	10
Cutting thickness	mm	0,5	0,6	0,8	1,2	1,2	1,6	1,6
Length	mm	25	25	25	25	25	25	39
983GA	Each	1,20	1,20	1,20	1,20	1,22	1,64	5,42

983GB GEDORE**Orig. Gedore - Art. 880**

Product description as Art. 983GA

Straight head screw DIN 3127 – ISO 2351.

5/16" connection.

Cutting width	mm	5,5	6,5	7	8	9	10	12	14
Cutting thickness	mm	0,8	1,2	1,2	1,6	1,6	1,6	2	2,5
Length	mm	41	41	41	41	41	41	41	41
983GB	Each	3,36	3,36	3,36	3,36	3,36	6,66	7,86	7,86

983GC GEDORE**Orig. Gedore - Art. 690**

Product description as Art. 983GA

Phillips cross head screw, DIN 3128. 1/4" connection.

Size		0	1	1L	2	2L	3	3L	4
Length	mm	25	25	50	25	50	25	50	32
983GC	Each	1,40	1,16	1,82	1,16	1,82	1,16	1,82	3,08

983GD GEDORE**Orig. Gedore - Art. 890**

Product description as Art. 983GA

Phillips cross head screw, DIN 3128. 5/16" connection.

Size		1	2	3	4	4L
Length	mm	32	32	32	32	38
983GD	Each	2,32	2,32	2,32	3,56	3,64

983GF GEDORE**Orig. Gedore - Art. 690PZ**

Product description as Art. 983GA

Poqidriv-Supadriv cross head screw, DIN 3128. 1/4" connection.

Size		1	1L	2	2L	3	3L	4
Length	mm	25	50	25	50	25	50	32
983GF	Each	1,16	1,82	1,16	1,82	1,16	1,82	3,08

983GH GEDORE**Orig. Gedore - Art. 890PZ**

Product description as Art. 983GA

Poqidriv-Supadriv cross head screw, DIN 3128. 5/16" connection.

Size		1	2	3	4
Length	mm	32	32	32	32
983GH	Each	2,32	2,32	2,32	3,64



Orig. Gedore - Art. 685

Product description as Art. 983GA

Hexagonal head screw DIN 7426 – ISO 3109. 1/4" connection.

For screws with Hexagon	mm	2	2,5	3	4	5	6	8	10
Length	mm	25	25	25	25	25	25	33	33
983GL	Each	1,22	1,26	1,26	1,26	1,26	1,26	1,88	2,80

GEDORE

983GL



Orig. Gedore - Art. 885

Product description as Art. 983GA

Hexagonal head screw DIN 7426 – ISO 3109. 5/16" connection.

For screws with Hexagon	mm	3	4	5	6	8	10
Length	mm	30	30	30	30	30	30
983GM	Each	3,36	3,36	3,36	3,36	3,36	4,14

GEDORE

983GM



Orig. Gedore - Art. 685X

Product description as Art. 983GA

Polygonal head screw DIN 65254. 1/4" connection.

For screws with XZN polyg.	M.	5	6	8
Length	mm	25	25	25
983GP	Each	2,62	2,62	2,62

GEDORE

983GP



Orig. Gedore - Art. 885X

Product description as Art. 983GA

Polygonal head screw DIN 65254. 5/16" connection.

For screws with XZN polyg.	M.	5	6	8	10	12	14
Length	mm	28	28	28	38	38	38
983GR	Each	3,64	3,64	3,64	3,66	3,66	3,66

GEDORE

983GR



Orig. Gedore - Art. 686

Product description as Art. 983GA

RIBE screws. 1/4" connection.

For RIBE-CV screws	M.	4	5	6	8
Length	mm	33	33	33	33
984GA	Each	4,12	4,12	4,12	5,90

GEDORE

984GA



Orig. Gedore - Art. 886

Product description as Art. 983GA

RIBE screws. 5/16" connection.

For RIBE-CV screws	M.	4	5	10	12	14
Length	mm	38	38	38	38	38
984GB	Each	4,08	4,22	5,66	6,36	6,36

GEDORE

984GB



Product running out of stock.

Orig. Gedore - Art. 687TX

Product description as Art. 983GA

TORX screws. 1/4" connection.

TORX size	T	6	7	8	9	10	15	20
Length	mm	25	25	25	25	25	25	25
984GC	Each	1,34	1,34	1,34	1,34	1,26	1,22	1,22
TORX size	T	25	27	30	40			
Length	mm	25	25	25	25			
984GC	Each	1,22	1,22	1,22	1,22			

GEDORE

984GC



Orig. Gedore - Art. 887TX

Product description as Art. 983GA

TORX screws. 5/16" connection.

TORX size	T	27	30	40	45	50
Length	mm	35	35	35	35	35
984GD	Each	3,36	3,36	3,36	3,36	3,74

GEDORE

984GD



Orig. Gedore - Art. 688 TX

Product description as Art. 983GA

TORX screws with hole. 1/4" connection.

TORX size	T	10	15	20	25	27	30	40
Length	mm	25	25	25	25	25	25	25
984GE	Each	2,20	2,20	2,20	2,20	2,20	2,20	2,20

GEDORE

984GE





SOCKET REDUCERS FOR INSERT BITS

984GF **GEDORE**

1/4"

5/16"



Orig. Gedore

Burnished. GEDORE-SONDERSTAHL.

Size		1	2	3	4	5	6
Square drive	inch	1/4	3/8	3/8	1/2	1/2	1/4
Inserts drive	inch	1/4	1/4	5/16	1/4	5/16	5/16
Overall length	mm	25	30	30	35	35	25
Supplier code		620	630	830	619	819	820
984GF	Each	25,70	35,20	36,30	36,70	37,90	34,60

984GFA **carolus**
by GEDORE

5/16"



Orig. Carolus - Art. 6015.13

In special steel. Chrome-plated finish.

Magnetic type for hexagonal connection 5/16" insert bits and male hexagonal connection 13mm

Ideal for use with ratchet wrenches Art. 879 Gx13 - 879 GEx13 - 879 GSx13.

Length mm 30.

984GFA Each **6,92**

Magnetic adapters for 1/4" hexagonal connection insert bits and male hexagonal connection 8mm, see Art. 947GB.

BIT-HOLDER HANDLES WITH MAGNETIC DRIVE

984GH **SCU**

1/4"

Prod. SCU

Short type.

In special steel.

Fixed type. hexagonal connection for 1/4" insert bits.

Bicomponent, non-slipping handle.

Total length 125mm.

984GH Each **9,04**984GHE **carolus**
by GEDORE

1/4"

Orig. Carolus - Art. 4125.00/R38950000

In special steel. Fixed model.

With 1/4 inch hexagon inserts. Dual-component, non-slip handle.

Total length 210 mm.

984GHE Each **11,90**

For similar handles with 1/4" square male connection see Art. 946 GSE.

984GL **GEDORE**

1/4"

5/16"

Orig. Gedore

In CHROME-VANADIUM steel.

Fixed type. hexagonal connection for 1/4" insert bits.

Chrome-plated finish.

Unbreakable plastic handles with hooking hole. Total length 210mm.

For inserts drive inch **1/4** **5/16**

Supplier code 670 870

984GL Each **31,40** **31,20**

Size inch 5/16 running out of stock.

984GR **WITTE**
WINKEL

1/4"

Orig. Witte - Art. 53091

Fixed type.

In CHROME-VANADIUM steel. Chrome finish.

With hexagonal drive for 1/4" inserts. Total length 270mm.

Triangular non-slip anatomical grip, made using a combination of hard and soft plastic. With hole for hanging.

984GR Each **11,10**

When stocks will be run out, we will provide Orig. Witte bit-holders with handles in different colours.

984GR 1 **WITTE**
WINKEL

1/4"

Orig. Witte - Art. 63091

Product description as Art. 984GR

Triangular non-slip anatomical grip, made using a combination of hard and soft plastic, with the addition of a patented non-slip granular surface structure, also suitable for use with wet and oily hands. With hole for hanging.

984GR 1 Each **14,30**

When stocks will be run out, we will provide Orig. Witte bit-holders with handles in different colours.



BIT HOLDER HANDLES

Orig. Witte - Art. 53086

Flexible type. With retaining ring attachment.
In EXTRA CHROME-VANADIUM steel.
With hexagonal drive for 1/4" inserts. Total length 320mm.
Triangular non-slip anatomical grip, made using a combination of hard and soft plastic. With hole for hanging.

984GR 2 Each **26,80**

When stocks will be run out, we will provide Orig. Witte bit-holders with handles in different colours.



Orig. Witte - Art. 63086

Product description as Art. 984GR 2
Triangular non-slip anatomical grip, made using a combination of hard and soft plastic, with the addition of a patented non-slip granular surface structure, also suitable for use with wet and oily hands. With hole for hanging.

984GR 3 Each **27,70**

When stocks will be run out, we will provide Orig. Witte bit-holders with handles in different colours.



BIT-HOLDER HANDLES WITH MAGNETIC DRIVE

Orig. Witte - Art. 468023000

Fixed type with 6 inserts, assorted in the handle.
In CHROME-VANADIUM steel. With hexagonal drive for 1/4" inserts. Anti-slip anatomical handle, obtained by the combination of rigid and soft plastic materials. Opening of the bits case by means of the knurled button, to be moved back, placed in the handle. With additional back magnet. Sliding ring and spring for quick change of bits. Total length mm 215.

Complete with cross inserts PH Gr. 1-2-3 and PZ. Gr. 1-2-3 Art. 1991 GB and 1991 GC.

984GR 5 Each **41,10**



Orig. Witte - Art. 468024000

Product description as Art. 984GR 5
Complete with TORX T 10-15-20-25-30-40 inserts Art. 1991 GL.

984GR 6 Each **41,10**



Orig. Gedore - Art. 169 kompl.

Fixed type with 7 inserts, assorted in the handle.
In special steel. Chromed version.
With hexagonal drive for 1/4 "inserts. Total length mm 220.
Complete with the following inserts:
3 Art. 983 GA mm 4 - 5.5 - 6.5
2 Art. 983 GC Grand. 1 - 2
2 Art. 983 GF Grand. 1 - 2

984GR 8 Each **41,20**

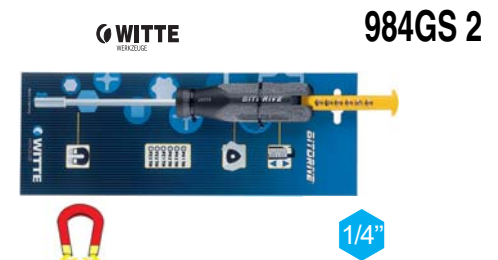


Orig. Witte - Art. 26054

Fixed type with 6 assorted insert bits in the handle.
In CHROME-VANADIUM steel. hexagonal connection for 1/4" insert bits. Black plastic triangular anatomic handle, anti-slip surface structure.
Total length 265mm.
Complete with PH cross recess bits Size 1 (1 pc) - 2 (2 pcs) Art. 1992 GR, PZD Size 1 (1 pc) - 2 (2 pcs) Art. 1992 GS.

984GS 2 Each **42,90**

Product running out of stock.

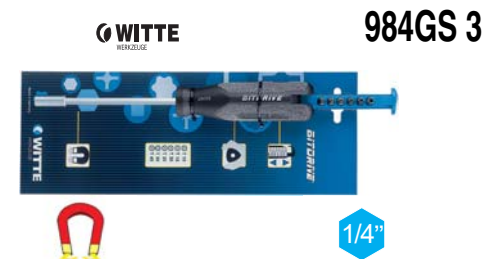


Orig. Witte - Art. 26055

Product description as Art. 984GS 2
Complete with TORX T. bits 10 - 15 - 20 - 25 - 30 - 40 Art. 1991 GN.

984GS 3 Each **42,40**

Product running out of stock.





BIT-HOLDER "T" HANDLE WITH MAGNETIC DRIVE

984GS 4

WITTE
WENZEL

Orig. Witte-Serie Protop - Art. 82620

Fixed type.

In special steel. Chrome-plated finish. Hexagonal connection for 1/4" inserts.

Blade length 150mm. Anti-slip "T" handle obtained by combining soft and rigid plastic materials.

984GS 4

Each

13,80

BIT-HOLDER HANDLES WITH MAGNETIC DRIVE

984GS 5

SCU



Prod. SCU

Ratchet type for right/left and fixed use.

In special steel. hexagonal connection for 1/4" insert bits. Total length 195mm.

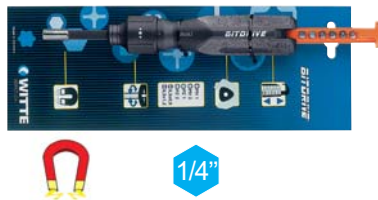
Unbreakable plastic handle. With hooking hole.

984GS 5

Each

18,70

984GS 6

WITTE
WENZEL

Orig. Witte - Art. 26043

Ratchet type for right/left and fixed use with 6 assorted insert bits in the handle.

In CHROME-VANADIUM steel. Hexagonal connection for 1/4" insert bits.

Total length 220mm. Black plastic triangular anatomic handle, with anti-slip surface structure.

Complete with PH cross recess bits Gr. 1-2 art.1991 GB, PZD Gr. 1-2 art.1991 GC,

slotted 5.5-6.5mm art. 1991 GA

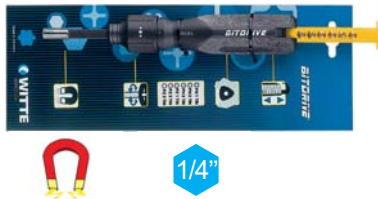
984GS 6

Each

72,30

Product running out of stock.

984GS 7

WITTE
WENZEL

Orig. Witte - Art. 26044

Product description as Art. 984GS 6

Complete with PH cross recess bits Gr. 1 (1 pc) - Gr 2 (2 pcs) art. 1992 GR, PZD Gr. 1 (1 pc) -

Gr. 2 (2 pcs) Art. 1992 GS.

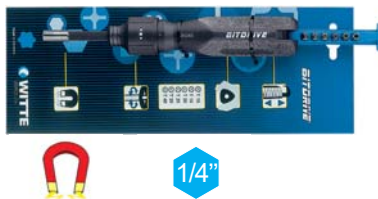
984GS 7

Each

83,70

Product running out of stock.

984GS 8

WITTE
WENZEL

Orig. Witte - Art. 26045

Product description as Art. 984GS 6

Complete with TORX T. bits 10 - 15 - 20 - 25 - 30 - 40 Art. 1991 GN.

984GS 8

Each

83,50

Product running out of stock.

984GTA
newWITTE
WENZEL

Orig. Witte - Art. 468021000

Ratchet type for L+R and fixed use with 6 assorted inserts in the handle.

In CHROME-VANADIUM steel. With hexagonal drive for 1/4" inserts.

Anti-slip anatomical handle, obtained by the combination of rigid and soft plastic materials.

Opening of the bits case by means of the knurled button, to be moved back, placed in the handle.

Sliding ring and spring for quick change of bits. Total length 215 mm.

Complete with cross inserts PH Gr. 1-2-3 and PZ. Gr. 1-2-3 Art. 1991 GB and 1991 GC.

984GTA

Each

72,50

984GTB
newWITTE
WENZEL

Orig. Witte - Art. 468022000

Product description as Art. 984GTA

Complete with TORX T 10-15-20-25-30-40 inserts Art. 1991 GL.

984GTB

Each

72,50

Orig. Gedore red - Art. R38910000

Telescopic ratchet type, with two-component handle. Movement for L+R and fixed use. With hexagonal quick change drive for 1/4" inserts.
Adjustable blade length from 67 to 164 mm.
Total length adjustable from 183 to 287 mm.
Without inserts.

984GTE Each **37,30**



Orig. Gedore red - Art. R38920000

Telescopic ratchet type with 13 assorted inserts in the two-component handle. Movement for L+R and fixed use. With hexagonal drive for 1/4" inserts.
Blade length adjustable from 55 to 128 mm.
Total length adjustable from 190 to 263 mm.

Complete with the following inserts:

- 3 with cut mm 4 - 4,5 - 5.5
- 3 with cross PH 1 - 2 - 3
- 2 to cross PZ 1 - 2
- 4 with TORX head from T 10 - 15 - 20 - 25
- 1 with hexagon mm 4

984GTP Each **31,10**



Prod. SCU

Articulated type with ABS handle for upright and 90° inclined use. Ratchet movement for RIGHT/LEFT use. Hexagonal drive for 1/4" bits and square male adapter for 1/4" sockets.

Total length: 195mm.

984GV Each **21,90**



ASSORTED BITS

Orig. Gedore red - Art. R33005031

1/4" assortment connection, with practical tape and a magnetic attachment.

Contents 31 tools.

Comprises:

- 3 slotted bits 4.5x0.6 - 5.5x1.0 - 6.5x1.2mm
 - 2 cross-slotted bits PH 1
 - 2 cross-slotted bits PH 2
 - 1 cross-slotted bit PH 3
 - 2 cross-slotted bit PZ 1
 - 3 cross-slotted bits PZ 2
 - 1 cross-slotted bit PZ 3
 - 1 hex bit 3mm
 - 2 hex bits 4mm
 - 1 hex bit 5mm
 - 2 TORX bits size T 10 - 15 - 20 - 25 - 30 - 40
 - 1 magnetic coupling with ring nut for quick change of 1/4" drive bits
 - 1 socket adapter for 1/4" square drive inserts and 1/4" hexagonal socket.
- Complete set.

984GZA 4 Each **33,30**



ASSORTMENTS OF BITS WITH HANDLE

Orig. Schröder - Art. 1.192.4

Set of bits, 1/4" drive, supplied in handy case, with articulated magnetic handle, ratchet mechanism for R+L and fixed operation.

28-tools set.

Each set contains:

- 1 x articulated magnetic handle, ratchet type
 - 6 x 3 - 4.5 - 5.5 - 6 - 6.5 - 8mm flat-tip bits
 - 3 x cross-tip bits PH Size 1 - 2 - 3
 - 3 c cross-tip bits PZD Size 1 - 2 - 3
 - 6 x 2 - 2.5 - 3 - 4 - 5 - 6mm external bits
 - 9 x external TORX bits T. 8 - 9 - 10 - 15 - 20 - 25 - 27 - 30 - 40
 - 1 x socket adapter, 1/4" square drive
- Complete assortment.

984GZC Each **89,80**



Product running out of stock.

**984GZE** 

1/4"

Orig. Carolus - Art. 3800.0037/R49005037

Assortment of bits 1/4" drive and hexagon blades encased interchangeable, with jointed T-handle and ratchet for use L+R.

Set of 37 tools.

The set contains:

1 articulated dual component T-handle, ratchet type

1 1/4" magnetic connection, length mm 135

3 bits tip mm 4,5 - 5,5 - 6,5

4 Phillips bits PH Gr. 1 - 2 - 2 - 3

4 cross-tip bits PZD Gr. 1 - 2 - 2 - 3

5 hexagonal bits mm 3 - 4 - 5 - 6 - 8

6 TORX bits T 10 - 15 - 20 - 25 - 30 - 40

4 TORX bits with hole T 10 - 15 - 20 - 25

9 hexagon socket blades, length mm 135 da mm 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14

Complete assortment.

984GZE Each 90,50

RATCHETS FOR INSERT BITS**984GZF** 

5/16"

Orig. Gedore - Art. 871

In special steel. Female hex drive ratchet for bits, with lever change for right and left movement.

Ergonomic bi-component handle, fine toothed.

Inserts drive inch 5/16

Overall length mm 127

984GZF Each 86,80

Product running out of stock.**984GZR** 

1/4"

Orig. Schröder - Art. 1.100.9-200

Sturdy sheet steel type. Ratchet, 25° inclined head, magnetic female hex drive for 1/4" bits, with lever for RIGHT+LEFT movement.

Soft plastic handle, fine toothed. Total length: 115mm.

984GZR Each 21,50

Product running out of stock.**984GZT** 

1/4"

Prod. SCU

Angular type in sturdy synthetic material. Ratchet, magnetic female hex drive for bits, with ring nut for RIGHT+LEFT movement and additional disk for rapid approach.

Total length: 145mm.

Equipped with the following bits located in the handle:

1 x double blade bit, 4.5/6mm

2 x double Phillips bits PH Gr. 0/3 - 1/2

2 x double TORX bits, T 10/15 - 20/25.

984GZT Each 12,80

Product running out of stock.**984L** 

1/4"

1/4"

IN CHROME-VANADIUM steel. Combined ratchet with 1/4" hexagonal socket, with accessory fittings on one side and 1/4" male square driver sockets for the other side. With lever change for R+L movement. Bi-component rubber handle. Fine tooth. Total length 220mm.

984L Each 31,10

985A
new

1/4"

1/4"

CHROME-VANADIUM steel. Ratchet lever COMBINED, REVERSIBLE, DOUBLE HEAD with 1/4" hexagonal female drive for bits with lever for movement L+R on one side and 1/4" male square drive for bushes with lever for movement L+R on the other.

Total length mm 115.

985A Each 38,10



TOOL SETS

Prod. SCU

Universal assortments of tools suitable for the provision of lockers, trolleys and toolboxes. Particularly suitable for auto-workshops, electricians, coachbuilders, etc.

Comprising: 69 tools.

- 17 fixed combination wrenches Art. 879 size 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22mm
- 3 flat-tip screwdrivers Art. 1970 GE sizes 100-125-150mm
- 1 flat-tip screwdriver Art. 1970 GA size 75mm
- 2 PH cross-slotted screwdrivers Art. 1970 GP Gr. 1 - 2
- 1 universal pliers Art. 320 G 180mm
- 1 adjustable pliers Art. 365 GE 240
- 1 cutter Art. 569 size 160mm
- 1 hammer Art. 2702 F 300g
- 6 tools including chisels, drift, pin punch, punch, cross cut chisel Art. 2928 GA
- 1 metal scraper Art. 2912 G 200mm
- 1 steel wire brush Art. 1845 B
- 1 spark plug spanner Art. 917 N 21
- 1 phase-detecting screwdriver Art. 1907 GA
- 20 thickness gauge blades 0.05 ÷ 1 complete set Art. 3992 GC
- 5 Allen head wrenches Art. 914 size 3 - 4 - 5 - 6 - 8mm
- 6 fine mechanical files, set Art. 2338
- 1 flat file, length 150mm Art. 2340 G 6 1/2D

Complete set.

985G 3 Each 233,34

Compositions are indicative and not binding.

SCU

985G 3



3

Universal assortments of tools suitable for the provision of lockers, trolleys and toolboxes. Particularly suitable for auto-workshops, electricians, coachbuilders, etc.

Comprising: 75 tools.

- 26 fixed combination wrenches Art. 879 size 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32mm
- 16 hex sockets Art. 971 RM size 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32mm
- 1 ratchet lever Art. 971 RS
- 1 extension 250mm Art. 971 RE
- 1 sliding lever Art. 971 RF
- 3 flat-tip screwdrivers Art. 1970 GE size 100-125-150mm
- 1 flat-tip screwdriver Art. 1970 GA size 75mm
- 2 PH cross-slotted screwdrivers Art. 1970 GP Gr. 1 - 2
- 1 universal pliers Art. 320 G size 180mm
- 1 adjustable pliers Art. 365 GE 240
- 1 cutter Art. 569 size 160mm
- 1 hammer Art. 2702 F 500g
- 6 tools including chisels, drift, pin punch, punch, cross cut chisel Art. 2928 GA
- 1 metal scraper Art. 2912 G size 200mm
- 1 steel wire brush Art. 1845 B
- 1 phase-detecting screwdriver Art. 1907 GA
- 5 Allen head wrenches Art. 914 size 3-4-5-6-8mm
- 6 fine mechanical files, set Art. 2338

Complete set.

985G 5 Each 502,20

Compositions are indicative and not binding.

SCU

985G 5



**985G 6** **Orig. Carolus-Gedore-Witte-Prod. SCU**

Universal assortments of tools suitable for the provision of lockers, trolleys and toolboxes. Particularly suitable for auto-workshops, electricians, coachbuilders, etc.

The set contains: 100 tools.

21 combination wrenches Art. 874 GR 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32mm

24 tools in box Art. 971 GE: hexagonal sockets 10-11-12-13-14-15-16-17-18-19-21-22-24-27-28-30-32mm

1 socket reduction for insert bits, 1/2" square connection, 5/16" hexagonal connection

1 cardan joint 65mm

1 sliding lever 250mm

1 extension 75mm

1 extension 125mm

1 extension 250mm

1 ratchet with lever change, rapid release, 280mm

11 hexagonal wrenches Art. 914 1.5-2-2.5-3-4-5-5.5-6-7-8-10mm

1 Grip pliers Art. 422 G 250mm

1 adjustable wrench Art. 818 Gx200

6 chisels, cross cut chisel, punch, drift, pin punch Art. 2928 GA

6 pin punches Art. 2928 GL 3-4-5-6-7-8mm

1 adjustable pliers Art. 367 G 250mm

1 universal pliers Art. 342 G 180mm

1 cutter Art. 573 GB 160mm

1 pliers for rings Art. 274 GA 180mm

1 pliers for rings Art. 275 GA 170mm

1 pliers for rings Art. 276 GA 175mm

1 pliers for rings Art. 277 GA 165mm

1 half-round nose pliers Art. 251 GB 160mm

6 screwdrivers in box Art. 1948 GL: flat tip screwdriver 75x4mm

flat tip screwdriver 100x5.5mm, flat tip screwdriver 125x6.5mm

flat tip screwdriver 150x8mm, cross tip screwdriver PH 1,

cross tip screwdriver PH 2

1 scissors Art. 656 B

1 shears Art. 672 300mm

1 hacksaw Art. 2612

2 hacksaw blades Art. 9565 GB

6 files in series Art. 2349 G 8 inches

1 brush for universal use Art. 1844 A

1 brush for spark plugs Art. 1845 T

1 oiler Art. 3415 B 300g

1 hammer Art. 2702 F 500g

1 mallet Art. 2785 G 35mm

Complete assortment.

985G 6 Each **989,54**

Compositions are indicative and not binding.

985G 9 **Orig. Gedore - Art. S 1150**

Product description as Art. 985G 6

The set contains: 41 tools.

9 combination wrenches 8 10 11 13 14 15 17 19 22mm

13 hexagonal sockets 6 7 8 9 10 11 12 13 14 15 17 19 22mm

1 spark plug socket 20.8mm

1 ratchets per dette, 3/8" connection

3 extensions 75 125 250mm

1 cardan joint

6 Allen head wrenches 3 4 5 6 8 10mm

1 flat chisel 125mm

1 insulated universal pliers 180mm

1 adjustable pliers 250mm

2 slotted screwdrivers 150x5.5 150x8mm

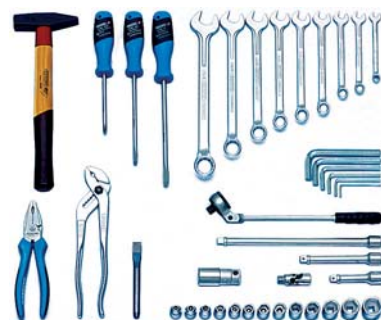
1 cross tip screwdriver PH Gr. 2

1 hammer 300g

Complete assortment.

985G 9 Each **617,00**

Compositions are indicative and not binding.





Orig. Gedore - Art. S 1004

Product description as Art. 985G 6

The set contains: 80 tools.

- 16 combination wrenches 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24mm
- 19 hexagonal sockets 10 to 32mm, 1/2" connection
- 5 levers, extensions, joints, 1/2" connection
- 8 Allen head wrenches 2 2.5 3 4 5 6 8 10mm
- 1 adjustable pliers 250mm
- 1 pipe wrench 1.1/2" inches
- 3 flat-tip screwdrivers 100x4-150x6.5-175x8mm
- 2 cross-tip screwdrivers PH 2-3
- 1 flat-tip screwdriver, shortened pattern, 5.5mm
- 1 cross-tip screwdriver, shortened pattern PH 2
- 7 chisels, cross cut chisel, punch, drift, pin punch
- 4 assorted files with handle, 8 inches
- 1 universal pliers 180mm
- 1 cutter 160mm
- 1 half-round nose pliers 160mm
- 1 toggle joint shears
- 1 adjustable wrench 200mm
- 1 hammer 500g
- 1 hacksaw with blade
- 1 knife for electricians
- 1 magnetic screw holder
- 1 scraper with triangular blade
- 1 puller
- 1 lever with head bent to 90°

Complete assortment.

985G 14 Each **1.470,00**

Compositions are indicative and not binding.



985G 14



Orig. Gedore - Art. S 1400 G

Product description as Art. 985G 6

The set contains: 100 tools.

- 8 bi-hexagonal wrenches 8x9mm to 24x27mm
- 10 hexagonal wrenches 6mm to 32mm
- 19 hexagonal sockets 10mm to 32mm, 1/2" connection
- 6 single-ended, hexagonal wrenches, plastic hand-grip 5.5-6-7-8-9-10mm
- 8 Allen head wrenches 3-4-5-6-8-10-12-14mm
- 1 Crescent-type wrench 200mm
- 1 Grip pliers 250mm
- 1 adjustable pliers 250mm
- 1 adjustable pliers 175mm
- 1 mallet with nylon ends Ø 40mm
- 2 cross tip screwdrivers, plastic hand-grip 100mm Size 2 and 150mm Size 3
- 6 assorted chisels and drift
- 1 compass saw 365mm with one blade for metals and one for wood
- 1 metal hacksaw frame
- 1 triangular scraper for bushing blade: 150mm
- 1 universal pliers 180mm
- 1 cutter 165mm
- 1 hammer 500g
- 1 shears for sheet steel 230mm
- 3 assorted files 150mm
- 2 screwdrivers, plastic handle 100x4-125x5.5mm
- 3 screwdrivers, plastic handle 125x6.5-150x8-175x10mm
- 6 files in series
- 5 levers, extensions, joints

Complete assortment.

985G 16 Each **1.570,00**

Compositions are indicative and not binding.



985G 16



**985G 20** **Orig. Gedore-Orig. Witte-Prod. SCU**

Product description as Art. 985G 6

The set contains: 116 tools.

25 combination wrenches Art. 874 GD 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 30 32mm

12 wrenches Art. 870 G 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32mm

25 tools in box Art. 968 G: sockets 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32mm, brace lever, length 410mm, ratchets con quadro, length 270mm, slipping lever, length 290mm extension, length 125mm, extension, length 250mm, cardan joint

10 hexagonal wrenches Art. 914 G 2 2.5 3 4 5 6 7 8 9 10mm

1 Grip pliers Art. 422 Gx250

1 adjustable wrench Art. 819 G 200mm

6 chisels, cross cut chisel, punch, drift, pin pinch Art. 2937 GB

6 pin punch 3 4 5 6 7 8mm Art. 2937 GE

1 adjustable pliers Art. 365 G

1 universal pliers Art. 342 G 180mm

1 cutter Art. 573 GB 160mm

1 pliers for rings Art. 274 GA 180mm

1 pliers for rings Art. 275 GA 170mm

1 pliers for rings Art. 276 GA 175mm

1 pliers for rings Art. 277 GA 165mm

1 half-round nose pliers Art. 251 GB 160mm

6 screwdrivers in box Art. 1948 GL: flat tip screwdriver 75x4mm, flat tip screwdriver 100x5.5mm, flat tip screwdriver 125x6.5mm, flat tip screwdriver 150x8mm, cross tip screwdriver PH 1, cross tip screwdriver PH 2

1 scissors Art. 656 B

1 shears Art. 672 300mm

1 hacksaw Art. 2612

2 hacksaw blades Art. 9565 GB

6 files in series Art. 2349 G 8 inches

1 brush for universal use Art. 1844 A

1 brush for spark plugs Art. 1845 T

1 oiler Art. 3415 B 300g

1 hammer Art. 2705 GA 500g

1 mallet Art. 2785 G 35mm

Complete assortment.

**985G 20**Each **1.775,64**

Compositions are indicative and not binding.

POUCHES WITH TOOLS**985GA 13** **Prod. SCU**

Tool set for electricians, maintenance workers, repair workers, etc.

Comprising: 13 tools

1 pouch Art. 2071 ZL

1 universal pliers Art. 330 A 180

1 long-nosed pliers Art. 250 B 160

1 cutter Art. 569 160mm

1 scissors Art. 656 P

1 screwdriver Art. 1970 GA 75

1 screwdriver Art. 1970 GE 100

1 screwdriver Art. 1970 GE 150

1 screwdriver Art. 1970 GP - PH 0

1 screwdriver Art. 1970 GP - PH 1

1 screwdriver Art. 1970 GP - PH 2

1 phase-detector screwdriver Art. 1907 G

1 wire stripper with blade Art. 199 GS. Complete set.

**985GA 13**Each **103,30**

The compositions shown are only an indication.



Tool set for universal use.

- Comprising: 16 tools
 1 pouch Art. 2071 ZM
 1 roll wrench Art. 821 150
 1 universal pliers Art. 330 A 180
 1 long-nosed pliers Art. 250 B 160
 1 cutter Art. 569 160mm
 1 scissors Art. 656 P
 1 screwdriver Art. 1970 GA 100
 1 screwdriver Art. 1970 GA 125
 1 screwdriver Art. 1970 GE 125
 1 screwdriver Art. 1970 GE 150
 1 screwdriver Art. 1970 GP - PH 1
 1 screwdriver Art. 1970 GP - PH 2
 1 screwdriver Art. 1970 GPZ - PZ 1
 1 screwdriver Art. 1970 GPZ - PZ 2
 1 phase-detector screwdriver Art. 1907 GP
 1 hammer Art. 2702 F 300
 Complete set.

985GA 16 Each **121,10**

The compositions shown are only an indication.


985GA 16

3

RUCKSACKS WITH TOOLS

Prod. SCU

- Product description as Art. 985GA 16
 Comprising: 25 tools
 1 rucksack Art. 2071 ZV
 9 fixed combination wrenches Art. 879 6-7-8-10-13-17-19-22-24mm
 1 universal pliers Art. 320 G 180
 1 long-nosed pliers Art. 250 B 160
 1 cutter Art. 569 160mm
 1 scissors Art. 656 P
 1 screwdriver Art. 1970 GA 100
 1 screwdriver Art. 1970 GA 125
 1 screwdriver Art. 1970 GE 125
 1 screwdriver Art. 1970 GE 150
 1 screwdriver Art. 1970 GP - PH 1
 1 screwdriver Art. 1970 GP - PH 2
 1 screwdriver Art. 1970 GPZ - PZ 1
 1 screwdriver Art. 1970 GPZ - PZ 2
 1 phase-detector screwdriver Art. 1907 G
 1 hammer Art. 2702 F 300
 1 fleximeter Art. 4141 DA 3. Complete set.

985GA 25 Each **166,44**

The compositions shown are only an indication.


985GA 25


TOOL BAGS

Prod. SCU

- Product description as Art. 985GA 16
 Comprising: 26 tools
 1 bag Art. 2076 GE
 6 wrenches Art. 870 GR 6x7 8x9 10x11 12x13 x14x15 16x17mm
 7 wrenches in series Art. 914 GL 2 2.5 3 4 5 6 8mm
 1 universal pliers Art. 320 G 180mm
 1 adjustable pliers Art. 365 GE 240
 1 cutter Art. 569 160mm
 1 scissors Art. 656 A
 1 screwdriver Art. 1970 GA 100mm
 1 screwdriver Art. 1970 GE 150mm
 1 screwdriver Art. 1970 GP - PH 1
 1 screwdriver Art. 1970 GP - PH 2
 1 phase-detecting screwdriver Art. 1907 G
 1 hammer Art. 2702 F 200g
 1 knife Art. 5231 G
 1 plastic folding rule Art. 4141
 Complete set.

985GL Each **147,34**

Compositions are indicative and not binding.


985GL




985GM

SCU



Product description as Art. 985GA 16

Comprising: 33 tools

1 bag Art. 2071 ZP

17 fixed combination wrenches Art. 879 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22mm

1 universal pliers Art. 320 G 180

1 long-nosed pliers Art. 250 B 160

1 adjustable pliers Art. 365 GE 240

1 cutter Art. 569 160mm

1 scissors Art. 656 P

1 screwdriver Art. 1970 GE 75

1 screwdriver Art. 1970 GE 100

1 screwdriver Art. 1970 GE 125

1 screwdriver Art. 1970 GP - PH 0

1 screwdriver Art. 1970 GP - PH 1

1 screwdriver Art. 1970 GP - PH 2

1 hammer Art. 2702 F 500

1 fleximeter Art. 4141 DA 5

1 knife Art. 5233 R

1 pair gloves Art. 3398 R 8

Complete set.

985GM Each 244,72

The compositions shown are only an indication.

985GP

SCU



Product description as Art. 985GA 16

Comprising: 46 tools

1 bag Art. 2071 ZT

18 fixed combination wrenches Art. 879 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24mm

9 set of wrenches Art. 914 GC/9 1.5-2-2.5-3-4-5-6-8-10mm

1 universal pliers Art. 320 G 180

1 long-nosed pliers Art. 250 B 160

1 cutter Art. 569 160mm

1 scissors Art. 656 P

1 wire strippers Art. 196

1 adjustable pliers Art. 365 GE 240

1 screwdriver Art. 1970 GA 75

1 screwdriver Art. 1970 GE 100

1 screwdriver Art. 1970 GE 125

1 screwdriver Art. 1970 GE 150

1 screwdriver Art. 1970 GP - PH 0

1 screwdriver Art. 1970 GP - PH 1

1 screwdriver Art. 1970 GP - PH 2

1 screwdriver Art. 1970 GP - PH 3

1 hammer Art. 2702 F 500

1 fleximeter Art. 4141 DA 5

1 knife Art. 5233 R

1 pair gloves Art. 3398 R 8

Complete set.

985GP Each 366,44

The compositions shown are only an indication.

TOOL BAGS FOR ASSISTANCE SERVICE

986G 6

SCU



Prod. SCU

Assortment of tools for universal professional use.

Comprising: 53 tools

1 bag Art. 2077 GD 5

12 wrenches in series Art. 872 GD, 6x7 8x9

10x11 12x13 14x15 16x17 18x19 20x22

21x23 24x27 25x28 30x32mm

9 wrenches in series Art. 914 GC/9 1.5 2 2.5 3

4 5 6 8 10mm

1 universal pliers Art. 332 GE 180mm

1 half-round nose pliers Art. 250 GE 200mm

1 cutter Art. 569 GE 160mm

1 adjustable pliers Art. 365 GE 240

1 scissors Art. 656 A

1 screwdriver Art. 1970 GA 100mm

1 screwdriver Art. 1970 GE 150mm

1 screwdriver Art. 1970 GP - PH 1

1 screwdriver Art. 1970 GP - PH 2

1 phase-detecting screwdriver Art. 1907 GA

Complete set.

986G 6 Each 492,78

Compositions are indicative and not binding.



TOOL BAGS FOR INSTALLERS

Prod. SCU

Assortment of tools for installers and plumbers.

Comprising: 40 tools

- 1 leather bag Art. 2075 S
- 1 pipe cutter Art. 1063 G 1.1/4" inches
- 1 pipe cutter Art. 1055 GA 32mm
- 1 pipe cutter Art. 1052 A 15mm
- 1 pipe turner Art. 1036 Gx1 1.1/4" inches
- 1 pipe wrench Art. 1002 G 225mm
- 12 wrenches in series Art. 872 GD, 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32mm
- 1 universal pliers Art. 320 G 200mm
- 1 cutter Art. 569 160mm
- 1 adjustable pliers Art. 365 GE 240
- 1 half-round nose pliers Art. 250 B 200mm
- 1 wrench Art. 371 E
- 1 screwdriver Art. 1970 GE 100mm
- 1 screwdriver Art. 1970 GE 150mm
- 1 screwdriver Art. 1970 GE 200mm
- 1 screwdriver Art. 1928 GP - PH 1
- 1 screwdriver Art. 1970 GP - PH 2
- 1 scissors Art. 656 A
- 1 knife Art. 662
- 1 level Art. 4179 A 400mm
- 1 plastic folding rule Art. 4141
- 1 pincers Art. 630 E 220mm
- 1 hacksaw Art. 2608
- 1 handle for blades Art. 2615 A
- 2 blades Art. 9565 GB
- 1 hammer Art. 2702 F 300g
- 1 chisel Art. 2935 GA 250mm
- 1 chisel Art. 2927 GL 250mm
- 1 shears Art. 672 G 250mm
- Complete set.

SCU

986G 8



3

986G 8 Each 595,62

Compositions are indicative and not binding.

TOOL CASES FOR UNIVERSAL USE

Orig. Gedore - Art. 1000

Assortment of multi-purpose tools in elegant polypopylene case resistant to shocks, oils, acids, hard long-lasting finish. CHROME-VANADIUM wrenches and screwdrivers. Chrome-plated finish. Dimensions 420x320x115mm.

49-tools set:

- 1 Orig. Gedore case
- 1 hammer 300g
- 11 combination wrenches 6 7 8 10 11 12 13 14 15 17 19mm
- 3 flat-tip screwdriver 4 5.5 6.5mm
- 2 cross-tip screwdrivers Gr. 1 and 2
- 1 circuit tester screwdriver
- 1 ratchets with 1/2" bar
- 9 hexagonal wrenches 10 11 12 13 14 15 17 19 22mm
- 2 extensions 125-250mm
- 1 joint
- 1 adjustable pliers 250mm
- 1 universal pliers 180mm
- 1 side cutter 160mm
- 8 Allen head wrenches 2 2.5 3 4 5 6 8 10mm
- 1 knife for electricians
- 6 chisel, jig, punch, awl, pusher
- Complete assortment.

GEDORE

986GE



986GE Each 796,00

Compositions are indicative and not binding.



TOOL CASES FOR TECHNICIANS AND ASSISTANCE SERVICE

986GE 3 SCU



Prod. SCU

Assortment of high-quality tools Orig. Gedore, Witte, Marvel, Frowein and SCU. For professional use in electronics and maintenance.

63-tools set	1 wire stripper Art. 195 GD
1 case Art. 2078 GH 8	1 pliers Art. 205 G
1 tester Art. 4482 GA	1 pliers Art. 367 GT 175
1 pump Art. 3268 Z	1 hacksaw holder Art. 2615 A
1 screwdriver Art. 1912 GA 60A	1 hammer Art. 2703 G 200
1 screwdriver Art. 1912 GA 100	1 welder Art. 3258 Ax2
1 screwdriver Art. 1912 GB 0	1 tin spool Art. 3361 GBx1.5
1 screwdriver Art. 1898 GA 1	1 fleximeter Art. 4141 Bx2
1 screwdriver Art. 1898 GA 1.5	1 knife Art. 662 B
1 screwdriver Art. 1921 GAx75	1 wrench Art. 899 GL 4
1 screwdriver Art. 1921 GAx100B	1 wrench Art. 899 GL 5
1 screwdriver Art. 1921 GBx1	1 wrench Art. 899 GL 5.5
1 screwdriver Art. 1921 GBx2	1 wrench Art. 899 GL 6
1 phase-detecting screwdriver Art. 1907 GL	1 set of 6 files Art. 2306 G 140
1 screw holder Art. 1882 GP	1 wrench Art. 822 150
1 screwdriver Art. 1876 GP 125	1 set of 7 wrenches Art. 914 GD 7
1 mirror Art. 1882 GS	1 wrench Art. 862 G 4
1 tweezers Art. 135 GP	1 wrench Art. 862 G 5
1 tweezers Art. 136 GB	1 cable cutter Art. 613
1 pliers Art. 110 C	1 shears Art. 666
1 pliers Art. 110 E 130	1 wrench Art. 870 GR 6x7
1 pliers Art. 110 L	1 wrench Art. 870 GR 8x9
1 pliers Art. 250 Bx160	1 wrench Art. 870 GR 10x11
1 cutter Art. 560 A	1 wrench Art. 870 GR 12x13
1 cutter Art. 560 C	1 wrench Art. 870 GR 14x15
1 scissors Art. 656 B	1 wrench Art. 870 GR 16x17.
	Complete set.

986GE 3 Each 905,70

Compositions are indicative and not binding.

TOOL CASES FOR ELECTRICIANS AND ASSISTANCE SERVICE

986GE 6 GEDORE



Orig. Gedore - Art. 1090

Assortment of tools for professional use. For electricians and maintenance and assistance service. ABS sturdy case with aluminium frame, steel hinges and guides. Ergonomic handle, snap-lock, wrench and combination. CHROME-VANADIUM screwdrivers and wrenches. Chrome-plated finish. Dimensions 470x380x190mm.

The set contains 90 tools:

1 Orig. Gedore case	1 adjustable pliers 250mm
16 tools in case Art. 941 G	1 adjustable wrench 250mm
12 wrenches Art. 862 G 4 4.5 5 5.5 6 7 8 9 10 11 12 13mm	1 insulated scissors
4 wrenches Art. 870 G 14x17 18x19 21x23 22x24mm	1 knife for electricians
9 wrenches Art. 914 G 2 2.5 3 4 5 6 7 8 10mm	1 hacksaw
4 VDE insulated screwdrivers, flat-tip 3.5 4 5.5 6.5mm	10 hacksaw blades
2 VDE insulated screwdrivers, cross-tip PH 1 and 2	1 drift
2 screwdrivers, shortened, 5.5mm and PH 1	1 flexometer 3m
2 screwdrivers, cross-tip PZD 1 and 2	1 scriber
3 lever screwdrivers 5.5 8mm and PH 1+2	1 phase-detecting screwdriver
1 universal insulated pliers 180mm	1 hammer 100g
1 VDE insulated cutter 200mm	1 hammer 300g
1 VDE insulated half-round nose pliers 160mm	3 chisels 175-200-200mm (double cutting edge)
1 VDE insulated wire stripping pliers	2 punches 2mm and 4mm
1 VDE insulated pliers, flat noses 160mm	1 automatic drift
	1 welder + 3 accessories.
	Complete assortment.

986GE 6 Each 1.440,00

Compositions are indicative and not binding.



BOXES AND TRUNKS WITH TOOLS

Prod. SCU

Tool sets for universal use.

- 35 tools in polypropylene box Art. 2084 N:
- 9 wrenches in series Art. 914 GC/9 1.5 2 2.5 3 4 5 6 8 10mm
- 8 wrenches in series Art. 872 GB 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22mm
- 1 universal pliers Art. 330 A 180mm
- 1 half-round nose pliers Art. 250 B 160mm
- 1 cutter Art. 569 160mm
- 1 adjustable pliers Art. 365 GE 240
- 1 scissors Art. 656 A
- 1 screwdriver Art. 1970 GA 75mm
- 1 screwdriver Art. 1970 GA 100mm
- 1 screwdriver Art. 1970 GE 150mm
- 1 screwdriver Art. 1970 GP - PH 0
- 1 screwdriver Art. 1970 GP - PH 1
- 1 screwdriver Art. 1907 G
- 1 hammer Art. 2702 F 200g
- 1 knife Art. 662
- 1 plastic folding rule Art. 4141
- 1 hacksaw Art. 2642
- 1 tweezers Art. 146 P 160mm
- 1 pincers Art. 626 G 180mm
- 1 pair of gloves Art. 3398 R 8
- Complete set.

987 Each 189,72

Compositions are indicative and not binding.

SCU

987



Product description as Art. 987

- 35 tools in steel box Art. 2079 P:
- 9 wrenches in series Art. 914 GC/9 1.5 2 2.5 3 4 5 6 8 10mm
- 8 wrenches in series Art. 872 GB 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22mm
- 1 universal pliers Art. 330 A 180mm
- 1 half-round nose pliers Art. 250 B 160mm
- 1 cutter Art. 569 160mm
- 1 adjustable pliers Art. 365 GE 240
- 1 scissors Art. 656 A
- 1 screwdriver Art. 1970 GA 75mm
- 1 screwdriver Art. 1970 GA 100mm
- 1 screwdriver Art. 1970 GE 150mm
- 1 screwdriver Art. 1970 GP - PH 0
- 1 screwdriver Art. 1970 GP - PH 1
- 1 phase-detecting screwdriver Art. 1907 G
- 1 hammer Art. 2702 F 200g
- 1 knife Art. 662
- 1 plastic folding rule Art. 4141
- 1 hacksaw Art. 2642
- 1 tweezers Art. 146 P 160mm
- 1 pincers Art. 626 G 180mm
- 1 pair of gloves Art. 3398 R 8
- Complete set.

987A Each 235,92

Compositions are indicative and not binding.

SCU

987A



987A 5 **SCU**

Assortment of tools for professional/universal use and assistance service.

53 tools in polypropylene case Art. 2085 S:

12 wrenches in series Art. 872 GD, 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32mm

9 wrenches in series Art. 914 GC/9 1.5 2 2.5 3 4 5 6 8 10mm

1 universal pliers Art. 332 GE 180mm

1 half-round nose pliers Art. 250 GE 200mm

1 cutter Art. 569 GE 160mm

1 adjustable pliers Art. 365 GE 240

1 scissors Art. 656 A

1 screwdriver Art. 1970 GA 100mm

1 screwdriver Art. 1970 GE 150mm

1 screwdriver Art. 1970 GP - PH 1

1 screwdriver Art. 1970 GP - PH 2

1 phase-detecting screwdriver Art. 1907 GA

1 hammer Art. 2702 F 300g

1 knife Art. 662 G

1 plastic folding rule Art. 4141

1 hacksaw Art. 2642

1 dz. blades Art. 2643 GA

1 knife Art. 5231 G

1 pincers Art. 626 G size 180mm

1 tweezers Art. 146 P size 160mm

1 gimlet Art. 4540 G 5mm

1 drift Art. 2998 G

6 files, set Art. 2349 G 8 inches

1 pair gloves Art. 3398 R 8

1 rasp Art. 2442 8 1/2"D.

1 handle Art. 2448x120

1 chisel Art. 2935 GA 250mm

1 oiler Art. 3407 P

1 shears Art. 672 Gx200

Complete set.

987A 5 Each **386,68**

Compositions are indicative and not binding.

987B **SCU**

Product description as Art. 987A 5

53 tools in steel box Art. 2081 B:

12 wrenches in series Art. 872 GD, 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32mm

9 wrenches in series Art. 914 GC/9 1.5 2 2.5 3 4 5 6 8 10mm

1 universal pliers Art. 332 GE 180mm

1 half-round nose pliers Art. 250 GE 200mm

1 cutter Art. 569 GE 160mm

1 adjustable pliers Art. 365 GE 240

1 scissors Art. 656 A

1 screwdriver Art. 1970 GA 100mm

1 screwdriver Art. 1970 GE 150mm

1 screwdriver Art. 1970 GP - PH 1

1 screwdriver Art. 1970 GP - PH 2

1 phase-detecting screwdriver Art. 1907 GA

1 hammer Art. 2702 F 300g

1 knife Art. 662 G

1 plastic folding rule Art. 4141

1 hacksaw Art. 2642

1 dz. blades Art. 2643 GA

1 knife Art. 5231 G

1 pincers Art. 626 G size 180mm

1 tweezers Art. 146 P size 160mm

1 gimlet Art. 4540 G 5mm

1 drift Art. 2998 G

6 files, set Art. 2349 G 8 inches

1 pair gloves Art. 3398 R 8

1 rasp Art. 2442 8 1/2"D.

1 handle Art. 2448x120

1 chisel Art. 2935 GA 250mm

1 oiler Art. 3407 P

1 shears Art. 672 Gx200

Complete set.

987B Each **434,48**

Compositions are indicative and not binding.

987E **GEDORE**

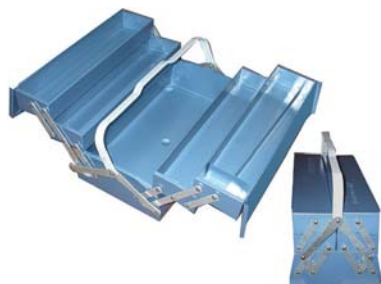
Orig. Gedore - Art. 1263 L

Orig. Gedore all-purpose set of assorted tools in steel case, high-resistant epoxy paint coating, 3 stalls and compartments.

Empty box, weight kg.4,6

Dimensions mm 420x225x160

987E Each **179,00**

987GF **GEDORE**

Orig. Gedore - Art. 1265 L

Orig. Gedore all-purpose set of assorted tools in steel case, high-resistant epoxy paint coating, 3 stalls and compartments.

Empty box, weight kg. 6

Dimensions mm 420x225x210

987GF Each **195,00**


TOOL SETS FOR TRACTORS AND OPERATIVE MACHINES
Orig. Gedore - Art. 1420-1002 M

Large assortment of tools in sturdy one-floor metal case with cover, 3 drawers and safety lock.
High-resistant epoxy paint coating.

988G
988GA

- The set contains: 79 tools.
 1 metal case Art. 988 GA
 22 combination wrenches Art. 874 G 6mm to 32mm
 15 hexagonal sockets 10m to 32m, 1/2" connection
 8 Allen head wrenches 914 G 3 to 14
 1 1/2" ratchets
 1 sliding lever Art. 970 RH
 1 tipped socket Art. 969 RD 12mm
 1 adjustable pliers Art. 367 G 250mm
 2 tyre levers 928 G 500mm
 1 scraper
 1 hacksaw frame
 1 oblique cutter 165mm
 1 pliers for retaining rings, straight tips
 1 pliers for retaining rings, curved tips
 1 joint Art. 970 RI
 1 extension Art. 970 RFx125
 1 extension Art. 970 RFx250
 1 GRIP pliers Art. 422 G 250mm
 3 pin punches Ø 3-4-5mm
 1 cross cut chisel 5mm
 1 drift Ø mm 4
 3 punches Ø 5-6-8mm
 1 chisel 16mm
 1 series of thickness gauges
 1 universal pliers 180mm
 2 hammers 500 and 1000
 4 screwdrivers, wooden handle, 100x5.5-125x7-150x9-200x12mm
 1 cross tip screwdriver, wooden handle 100mm Gr. 2
 1 circuit tester
 Complete assortment.


3

Dimensions	mm	610x265x298
988G	Each	2.110,00

Orig. Gedore

Product description as Art. 988G

Empty metal box only.

Dimensions	mm	610x265x298
988GA	Each	716,00

TOOL PANELS
Orig. Metec

Steady type to be mounted on workbenches Art. 994 GC 1 - 5 - 8 - 10 or any other Metec original workbench. Sturdy steel, high-resistant epoxy paint coating, drilled for use with hooks Art. 995 GT, complete with 2 uprights and equipment for installation.

988GR

Empty panel without tools and hooks.

Overall length	mm	1976
Height	mm	494
Weight	Kg	13
Supplier code		71060+82430
988GR	Each	449,00

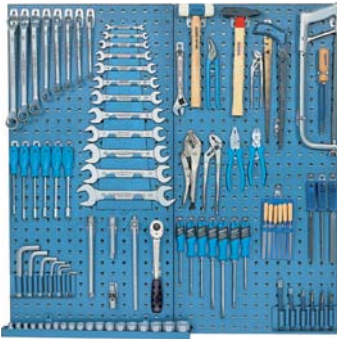


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WALL DISPLAY UNITS

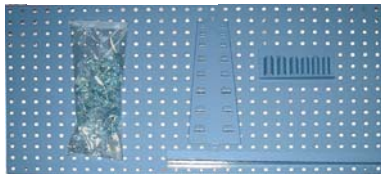
989GB

**Orig. Gedore - Art. 1400 G-1450-2**

Sturdy steel display unit, high-resistant epoxy paint coating, drilled for hooks Art. 995 GT. Bent edges. Steel plate thickness: 1.5mm.
2 empty panels Art. 989 GL + set Art. 985 G/16 92 pcs.

989GB	Each	2.230,00
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989GL

**Orig. Gedore - Art. 1450 LH**

Product description as Art. 989GB

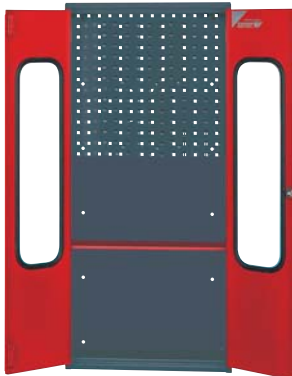
Empty panel without tools, 5.5 Kg. Complete with bracket and hooks.

Dimensions	mm	1000x500
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989GL	Each	330,00
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TOOL CABINETS

989GT

**Orig. Metec - Art. 58220**

Sturdy steel cabinet, high-resistant epoxy paint coating. 2 doors with transparent windows for internal view, door lock closing system and one mobile shelf.

Back wall drilled for hooks Art. 995GT.

Empty cabinet, without tools, weight kg. 10.

Dimensions	mm	500x1100hx200
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989GT	Each	814,00
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For assorted sets of tools see Art. 985 G/3-5.
Product running out of stock.

LARGE CABINETS WITH TOOLS.

991G
992GA**Orig. Gedore - Art. 1400 G**

Sturdy steel cabinet, high-resistant epoxy paint coating, with door lock closing system.
Fixed hooks for tools. With 3 drawers.

.Cabinet size:

Width when closed mm 650

Width when open mm 1170

Height mm 970

Depth mm 250

Empty cabinet Art. 992 GA + assorted set Art. 985 G/16 - 92 pieces - weight kg. 46.

991G	Each	2.810,00
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Orig. Gedore - Art. 1400 L

Product description as Art. 991G

Empty cabinet, weight kg. 29.

992GA	Each	1.560,00
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Orig. Gedore - Art. 1402 L

Sturdy steel cabinet, high-resistant epoxy paint coating, with door lock closing system. Back wall and doors drilled for hooks Art. 995 GT. With 3 drawers and built-in foldaway working table. Suitable for confined areas. Table size mm 570x840x850h. Max. load capacity kg. 200. Cabinet size:
 Width when closed mm 650
 Width when open mm 1170
 Height mm 970
 Depth mm 325.

Empty cabinet, without hooks, weight kg. 35.

992GE	Each	1.380,00
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For assorted sets of tools see Art. 985 G 16.
 Product running out of stock.

GEDORE

992GE



3

CABINETS FOR WORKBENCH OR WALL WITH TOOLS

Orig. Gedore

Sturdy steel cabinet, high-resistant epoxy paint coating, with rolling gate and door lock closing system. Back wall drilled for hooks Art. 995 GT. Empty cabinet Art. 994 GA + assorted set Art. 985 G/16 and assorted set of hooks. Weight kg. 73.

Dimensions	mm	1810x890hx170	
993GZ	Each	4.270,00	

Suitable to be used with workbench Art. 994 GL.

GEDORE

993GZ



Orig. Gedore - Art. R 1500 LH

Product description as Art. 993GZ
 Empty cabinet weight kg. 59 with assorted set of hooks.

Dimensions	mm	1810x890hx170	
994GA	Each	2.700,00	

Suitable to be used with workbench Art. 994 GL.

GEDORE

994GA



FOLDAWAY WORKBENCHES.

Prod. SCU

Sturdy, foldable workbench, large and stable; it can be carried and stored easily. Top section in 30 mm thick laminated wood; frame with Metal corners.

Length	mm	1000	1200
Height for width	mm	700 x 820	700 x 820
Useful flow	Kg	450	500
Weight	Kg	35	38
994GBR	Each	396,00	445,00

For trestles / Folding workbenches see Art. 2226 T.

SCU

994GBR



WORKBENCHES.

Orig. Gedore - Art. B 1500L

Steel framed epoxy painted heavy-duty workbenches. Unbendable multilayered wooden work-tops, height mm 900. One workbench. Size mm 2000x875. 1 drawer unit with 5 drawers height 79(3) /160(1)/180(1). One large compartment with a dividing shelf. Door lock and rolling gate closing systems. Weight kg. 157.

994GL	Each	3.650,00
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Suitable to be used with cabinets Art. 993 GZ - 994 GA.

GEDORE

994GL





ACCESSORIES FOR PANELS-CABINETS-DISPLAY UNITS AND TOOL TROLLEYS

995GR 1 **GEDORE****Orig. Gedore**

Plate tool-rests with holes.

Suitable for set of wrenches 8 pieces.

995GR 1 Each 21,00

995GR 2 **GEDORE**

Product description as Art. 995GR 1

Suitable for set of wrenches 12 pieces.

995GR 2 Each 21,90

For sets of plastic wrench keeper springs see Art. 872 GT 8-12.

995GR 5 **GEDORE**

Trays with holes for bushes.

995GR 5 Each 24,10

995GR 7 **GEDORE**

3/8"

Spring rests for bushes.

Suitable for 14 bushes with connection 3/8".

995GR 7 Each 5,30

995GR 8 **GEDORE**

1/2"

Product description as Art. 995GR 7

Suitable for 14 bushes with connection 1/2".

995GR 8 Each 6,38

995GR 10 **GEDORE**

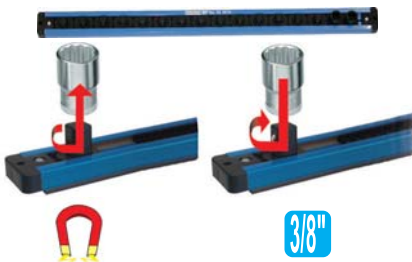
1/4"

MAGNETIC RESTS FOR BUSHES.

Suitable for 13 socket wrenches 1/4" drive.

Supplied with 2 female square drive adapter for use with ratchets, sliding bars, extensions, etc.

995GR 10 Each 45,50

995GR 15 **GEDORE**

3/8"

Product description as Art. 995GR 10

Suitable for 14 socket wrenches 3/8" drive.

Supplied with 2 female square drive adapter for use with ratchets, sliding bars, extensions, etc.

995GR 15 Each 47,20



Product description as Art. 995GR 10
 Suitable for 16 socket wrenches 1/2" drive.
 Supplied with 2 female square drive adapter for use with ratchets, sliding bars, extensions, etc.

995GR 20 Each **54,20**

GEDORE 995GR 20



HOOKS WITH SCREW AND NUT FASTENING. STRAIGHT, FOR DISPLAY UNITS ART. 995 GP.

Size		0	5
Made from steel.		Lucido	Ric.PVC
Dimensions	mm	7x100	7x170
995GS	Each	2,72	3,60

Product running out of stock.

GEDORE 995GS



Fixed hooks. Chromium-plated.
 For bored sheet metal with bores 10x38mm.

Size		1	2	3	4	5
Type of grip		Straight hook	Oblique hook	Small spring	Big spring	Thread. hook M6 with nut
Ø	mm	4	4	13	20-35	-
Length	mm	55	55	31	44	-
995GT	Each	3,08	3,08	4,66	6,38	3,08
Size		6	7	8	9	10
Type of grip		Straight hook	Straight hook	Curved hook	Curved hook	Oblique hook
Ø	mm	6	6	6	6	6
Length	mm	100	150	75	135	100
995GT	Each	2,94	3,18	3,08	3,30	3,08

GEDORE 995GT



Special hooks with screw and nut.

Size		1	2	3	4	5
Type of grip		Round slot	Round slot	Round slot	Closed rectang.	Closed rectang.
Length x Ø	mm	176x14-40	176x19-40	181x28-50	175x24	175x33
995GZ	Each	8,06	9,08	9,08	9,08	9,08
Size		9				
Type of grip		A strap x pipe wrench				
Length x Ø	mm	183				
995GZ	Each	13,10				

Product running out of stock.

GEDORE 995GZ



BATTERY CABLES IN PAIRS

Prod. SCU

Standard type.
 Copper cable coated with insulating plastic. For battery connection.
 Cable section 10 sqmm. Cable length 2m. Complete with four 200 A terminal clamps.

996B Per pair **15,80**

Product running out of stock.

SCU 996B



Professional type.
 Copper cable coated with insulated and solvent-proof plastic. For high-power batteries connection.
 Cable section 16 mmq. Wire's length 3.5m. With 4 150 A terminal clamps.

996C Per pair **105,00**

SCU 996C



**BATTERY CHECK DEVICES.****996PA**
*new***SCU****Prod. SCU**

To check the charge status of the 12 V batteries and alternators of cars and trucks. Indicates voltage (V) and starting power (%). Suitable for standard batteries, GEL, VRLA, AGM and SLA. Choice of test according to EN - EN2 - DIN - IEC - SAE - JIS standards, with 15 - seconds test duration, carried out at low current without the possibility of sparks or overheating to avoid damaging the electronic control unit. With LED backlit display.

996PA	Each	315,00
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DENSIMETERS**997GH****SCU****Prod. SCU**

Densimeters for checking battery liquid density. Reliable and easy to use.

Length 200 mm.

997GH	Each	5,06
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997GM**SCU**

Densimeters for checking battery liquid density. Professional type, highest measuring accuracy. In corrosion-proofing unbreakable synthetic material. Size approx. 125x100 mm.

997GM	Each	16,10
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997GO**SCU**

Densimeters for antifreeze. Reliable and easy to use. Length 200 mm.

997GO	Each	5,06
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997GP**SCU**

Densimeters for checking antifreeze density. Professional type, highest measuring accuracy. In corrosion-proofing unbreakable synthetic material. Size approx. 125x100 mm

997GP	Each	16,10
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TOOLS BOXES**998G****GEDORE****Orig. Gedore - Art. 1430**

In sturdy steel plate, with extra-resistant epoxy paint finish.

With 3 drawers sliding on balls, stop wedge and individual closing.

Central locking with padlock. Rubber coated work top and edges. Fitted with handles for easy transportation. Particularly suited as a addition to stand on the work tops of trolleys Art. 998 G/4 - 998 GB - 998 GC - 998 GS - 998 GS/8.

Weight kg. 26. Drawer unit without trolley and tools.

Dimensions mm 625x400x290

998G	Each	767,00
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Product running out of stock.



Orig. Gedore - Art. 1431

In sturdy steel plate, with extra-resistant epoxy paint finish. With 2 drawers sliding on balls (one with large capacity), stop wedge and individual closing. Central locking with padlock. Rubber coated work top and edges. Fitted with handles for easy transportation. Particularly suited as a addition to stand on the work tops of trolleys Art. 998 G/4 - 998 GB - 998 GC - 998 GS - 998 GS/8.

Weight kg.23. Drawer unit without trolley and tools.

Dimensions	mm	625x400xh290
998G 2	Each	660,00

Product running out of stock.

GEDORE

998G 2



3

COMBINATED TOOLS TROLLEYS

Orig. Gedore - Art. 1432

Functional, sturdy combination of trolley with drawers and pull-out panel, drilled for tool hanging. In sturdy sheet steel, with extra-resistant epoxy paint finish. Central locking with padlock. On 4 wheels, of which 2 are castor wheels. One wheel with brake. Rubber shockproof edging. Hooks for drilled panel, see Art. 995 GT. Particularly suited for use in combination with drawer units Art. 998 G and 998 G/2.

Without tools and hooks.

Shelf length	mm	625
Shelf width	mm	400
Overall height with panel	mm	1060
Weight	Kg	28
998G 4	Each	824,00

Product running out of stock.

GEDORE

998G 4



TOOL TROLLEYS

Orig. Gedore red - Art. R20150006

Stable and sturdy trolleys made of steel, with resistant epoxy paint coating. 2 fixed wheels of large diameter and 2 pivoting wheels of which 1 with brake. Metal drawers, with sound-absorbing non-slip mats on the bottom. Telescopic guides, with a capacity of 25 kg per drawer. Steady worktop covered in ABS. Central locking with cylinder lock. Side walls with holes for hanging other tools (see hooks Art. 995 GT and 995 GZ).

Worktop length 628 mm, table width 418 mm total height 910 mm. Maximum capacity 210 Kg.

With 6 drawers, dimensions 482x345 mm. With carrying handle. Without tools.

For modules with tools see Art. 998 G 9F to 998 G 9ZE.

Weight Kg 56.

998G 8A	Each	801,00
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GEDORE

998G 8A



MODULES WITH TOOLS FOR TROLLEYS ART. 998 G 8A

Orig. Gedore red - Art. R22150006

In unbreakable ABS material. Suitable for top-quality dressing of tower-trolley drawers. Before placing an order, compare module and spacer dimensions with drawer dimensions.

SINGLE MODULE

Module width x depth 157.5x310mm.

Content: 37 pcs, module excluded:

12 x Art. 946 GA 4-4.5-5-5.5-6-7-8-9-10-11-12-13mm

7 x Art. 946 GL T 10-15-20-25-27-30-40

6 x Art. 946 GH 3-4-5-6-8-10mm

2 x Art. 946 GC 5.5-6.5mm

3 x Art. 946 GE PH 1-2-3

2 x Art. 946 GF PZ 1-2

1 x socket-holder rod with handle

1 x Art. 947 GF

1 x Art. 946 GP mm100

1 x Art. 946 GS

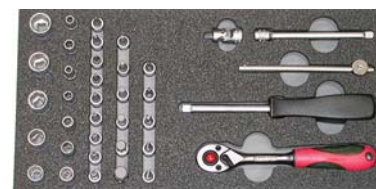
1 x Art. 946 GR.

998G 9F	Each	163,00
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GEDORE

1/4"

998G 9F



**998G 9H** **GEDORE**

1/2"

**Orig. Gedore red - Art. R22150008**Product description as Art. 998G 9F
SINGLE MODULE

Module width x depth 157.5x310mm.

Content: 5 pcs, module excluded:

1 x Art. 971 RD
1 x Art. 971 RE
1 x Art. 971 RG
1 x Art. 971 RF
1 x Art. 971 RS.**998G 9H** Each **111,00****998G 9L** **GEDORE**

1/2"

**Orig. Gedore red - Art. R22150009**

Product description as Art. 998G 9F

SINGLE MODULE

Module width x depth 157.5x310mm.

Content: 26 pcs, module excluded:

19 x Art. 971 RM 10-11-12-13-14-15-16-17-18-19-21-22-23-24-26-27-28-30-32mm
7 x Art. 971 RQ 6-7-8-9-10-12-14mm.**998G 9L** Each **162,00****998G 9LE** **GEDORE***new*

1/2"

**Orig. Gedore red - Art. R22150012**

Product description as Art. 998G 9F

SINGLE MODULE

Width per module depth mm 157.5x310.

Content 14 pieces excluding module:

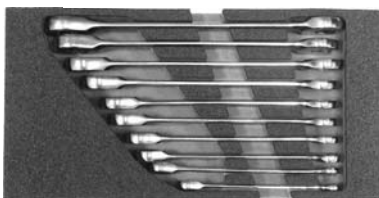
12 pcs. Art. 982 GCA mm 10-11-12-13-14-15-16-17-19-21-22-24
2 sets Art. 982 P 2-3.**998G 9LE** Each **181,00****998G 9M** **GEDORE****Orig. Gedore red - Art. R22250000**

Product description as Art. 998G 9F

DOUBLE MODULE

Module width x depth 315x310mm.

Content: 26 pcs, module excluded:

17 x Art. 874 GR 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24mm
9 x Allen wrenches 1,5-2-2,5-3-4-5-6-8-10mm.**998G 9M** Each **153,00****998G 9MA** **GEDORE***new***Orig. Gedore red - Art. R22150003**

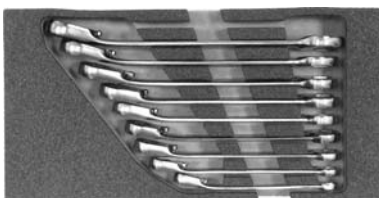
Product description as Art. 998G 9F

SINGLE MODULE

Width per module depth mm 157.5x310.

Content 10 pieces excluding module:

10 pcs. Art. 879 FA from mm 8-10-12-13-14-15-16-17-18-19.

998G 9MA Each **188,00****998G 9MC** **GEDORE***new***Orig. Gedore red - Art. R22150002**

Product description as Art. 998G 9F

SINGLE MODULE

Width per module depth mm 157.5x310.

Contents 9 pieces excluding module:

9 pcs. Art. 879 GE from mm 8-10-12-13-14-15-16-17-19.

998G 9MC Each **235,00**

Orig. Gedore red - Art. R22250001

Product description as Art. 998G 9F

DOUBLE MODULE

Module width by depth 315x310mm.

Contains 23 pieces excluding module:

15 pcs. Art. 879 GE 8-9-10-11-12-13-14-15-16-17-18-19-20-21-22mm

Set of 8 Allen wrenches 2-2.5-3-4-5-6-8-10mm.

998G 9ME Each **328,00**

GEDORE **998G 9ME**



Orig. Gedore red - Art. R22150000

Product description as Art. 998G 9F

SINGLE MODULE

Module width x depth 157.5x310mm.

Content: 8 pcs, module excluded:

8 x Art. 880 GR 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22mm.

998G 9P Each **77,20**

GEDORE **998G 9P**



Orig. Gedore red - Art. R22150001

Product description as Art. 998G 9F

SINGLE MODULE

Module width x depth 157.5x310mm.

Content: 8 pcs, module excluded:

8 x Art. 870 GR 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22mm.

998G 9R Each **53,70**

GEDORE **998G 9R**



Orig. Gedore red - Art. R22150017

Product description as Art. 998G 9F

SINGLE MODULE

Width per module depth mm 157.5x310.

Content 4 pieces excluding module:

1 pc. plie for internal retaining rings mm 19-60, straight type

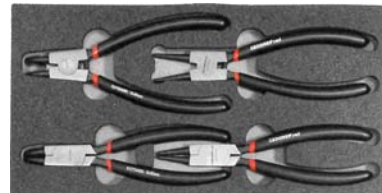
1 pc. plier for internal retaining rings mm 19-60, 90 ° curved type

1 pc. plier for external retaining rings mm 19-60, straight type

1 pc. plier for external retaining rings mm 19-60, 90 ° curved type.

998G 9RV Each **98,80**

GEDORE **998G 9RV**
new



Orig. Gedore red - Art. R22150018

Product description as Art. 998G 9F

SINGLE MODULE

Module width x depth 157.5x310mm.

Content: 4 pcs, module excluded:

1 x Art. 365 GE 240

1 x side cutter 160mm

1 x half-round nose pliers 160mm

1 x universal pliers 180mm.

998G 9S Each **50,80**

GEDORE **998G 9S**



Orig. Gedore red - Art. R22150019

Product description as Art. 998G 9F

SINGLE MODULE

Module width x depth 157.5x310mm.

Content: 7 pcs, module excluded:

1 x hammer 300g

2 x cut chisels 125 - 150mm

1 x cross section chisel 125mm

1 x drift, tip diameter mm 3

1 x punch, tip diameter 4mm

1 x pin punch, tip diameter 4mm.

998G 9T Each **25,40**

GEDORE **998G 9T**



**998G 9Z GEDORE****Orig. Gedore red - Art. R22150013**

Product description as Art. 998G 9F

SINGLE MODULE

Module width x depth 157.5x310mm.

Content: 6 pcs, module excluded:

4 x flat blade screwdrivers 4-5.5-6.5-8mm

2 x Phillips tip screwdrivers PH 1-2.

998G 9Z Each **45,30****998G 9ZA GEDORE**
new**Orig. Gedore red - Art. R22150014**

Product description as Art. 998G 9F

SINGLE MODULE

Width per module depth mm 157.5x310.

Contents 6 pieces excluding module:

4 flat tip drill bits mm 4-5.5-6.5-8

2 tip screwdrivers cross tip PZ 1-2.

998G 9ZA Each **41,70****998G 9ZE GEDORE**
new**Orig. Gedore red - Art. R22150015**

Product description as Art. 998G 9F

SINGLE MODULE

Width per module depth mm 157.5x310.

Content 6 pieces excluding module:

6 screwdriver bit tip TORX T10-T15-T20-T25-T30-T40.

998G 9ZE Each **49,30****TOOL TROLLEYS****998G 30 GEDORE****Orig. Gedore - Art. WSL-L7**

Stable and robust type. LARGE DRAWERS, extractable on one side, combined with large plastic covered work-top, border edge that prevents objects from falling and box for small items. In sheet steel, corrosion-resistant, powder-coated, scratch-resistant.

The fall-detention stoppers of the drawers can be opened only individually for increased safety. Central locking with cylinder lock and keys. 4 pivoting wheels rolling on ball bearings, one of which 1 with brake. Rounded corners.

With 7 drawers, dimensions 640x400 mm, 5 drawers 80mm height, 2 drawers 162.5mm height. Capacity 400 kg on the move. With carrying handle. 10x38mm holes on the sides for the application of hooks Art. 995 GT. Without tools.

Each tray holds:

4 single modules (157,5x310mm) from Art. 1000 G 3 to 1000 G 30

or

2 single modules (157,5x310mm) from Art. 1000 G 3 to 1000 G 30 + 1 double module (310x315mm) Art. 1000 G 1 or 1000 G 2 or 1000 G 4

or

2 double modules (310x315mm) Art. Art. 1000 G 1 or 1000 G 2 or 1000 G 4.

To ensure the perfect locking of the configurations a spacer module Art. 1000 G 35 or 1000 G 38 or 2 spacers modules Art. 1000 G 34 can be used.

Shelf length mm 785

Shelf width mm 510

Overall height mm 1045

Weight Kg 77

998G 30 Each **1.170,00****For optimum division of the drawers, as well as modules with tools, you can use the dividers Art. O998 G 30A and O998 G 30B, not supplied.**

Longitudinal dividers to divide optimally the drawers of the trolleys Art. 998G 30, in combination with cross dividers Art. O998G 30B.

In galvanized sheet steel, with carvings.

Total length 395 mm, height 60 mm.

O998G 30A Each **4,44**

Cross dividers to divide optimally the drawers of the trolleys Art. 998G 30, in combination with longitudinal dividers Art. O998G 25A - 30A.

In galvanized sheet steel.

Overall length mm **80** **120**

Height mm 55 55

O998G 30B Each **2,32** **2,48**


Orig. Gedore - Art. 3010 VARIO

FOLDING type for easier positioning in narrow places. With automatic gas-propelled lift. Handy and sturdy combination of mobile bench with tool-holder drawers which may be pulled out from both sides, with stop wedge. In high-resistant epoxy painted steel. Openings on both right and left side for a complete view. Central closing in lowered down position. On 4 wheels, 2 of which are pivoting wheels. 1 wheel with brake. Rubber shockproof border edge.

With 3 drawers, dimensions 478x325mm, 1 large closed compartment to be used when the trolley is up. Capacity up to 120 Kg when open, 220 Kg when closed.

Without tools.

Shelf length	mm	625
Shelf width	mm	400
Overall height	mm	610/900
Weight	Kg	42
998GA	Each	1.290,00

Product running out of stock.


998GA

3
Orig. Gedore - Art. 1580

Product description as Art. 998GB

Four-drawer strong type, size mm 478x325. Max. load capacity over kg. 300 in a steady position.

With carrying lugs. Without tools.

Shelf length	mm	625
Shelf width	mm	400
Overall height	mm	930
Weight	Kg	40
998GC	Each	952,00

It is possible to combine this item with drawer units Art. 998 G and 998 G/2.


998GC

Orig. Gedore - Art. 2000

Product description as Art. 998GB

Enlarged-base type with 5 drawers, size mm 478x325. Max. load capacity over kg. 300 in a steady position. With carrying lugs. Without tools.

Shelf length	mm	625
Shelf width	mm	400
Base width	mm	545
Overall height	mm	930
Weight	Kg	47
998GS	Each	654,00

It is possible to combine this item with drawer units Art. 998 G and 998 G/2.

Product running out of stock.


998GS

Orig. Gedore - Art. 1578

Functional and heavy-duty combination of mobile bench with drawers which may be pulled out from both sides. With stop wedge. In strong epoxy painted steel. Central closing with locks with keys.

On 4 wheels 2 of which pivoting and one with brake. Steady work-top covered with synthetic material and box for small items.

Six-drawer type, size 480x325 mm. Max. load capacity 200kg in steady position. With carrying handle.

Shelf length	mm	605
Shelf width	mm	375
Overall height	mm	930
Weight	Kg	43,5
998GS 6	Each	926,00


998GS 6


**998GS 8 GEDORE****Orig. Gedore - Art. 2500**

Functional and heavy-duty combination of mobile bench with drawers which may be pulled out from one side. With stop wedge and single closing system. In strong epoxy painted steel. Central closing system with keys. On 4 wheels 2 of which pivoting and one with brake. Rubber shockproof border edge.

Eight-drawer strong type, size mm 480x330 (7), mm 480x400 (1). Max. load capacity over kg. 300 in a steady position. With handles. Without tools.

Shelf length	mm	625
Shelf width	mm	400
Base width	mm	545
Overall height	mm	960
Weight	Kg	64

998GS 8 Each **1.410,00**

It is possible to combine this item with drawer units Art. 998 G and 998 G/2.
Product running out of stock.

SUPER TOOL TROLLEYS**998GS 9 GEDORE****Orig. Gedore - Art. 2002**

Heavy-duty type, with drawers extractable from both sides and stop wedge. In high-resistant epoxy painted steel plate. Central closing for one single padlock. A side wall is drilled for tool hanging and one wall has 4 mini extractable compartments for small items, with wicket. 2 pivoting wheels, one with brake and 2 fixed and large-sized for smooth running. Work-top made of soft synthetic material with 3 dividers for small tools. Shock-proof rubber border edges.

Five-drawer type, size 480x356 mm. Max. load capacity over 500 kg. in steady position. With carrying lugs.

Without tools.

Shelf length	mm	775
Shelf width	mm	435
Overall height	mm	985
Weight	Kg	58

998GS 9 Each **836,00**

Product running out of stock.

MOBILE WORK BENCHES AND TOOL TROLLEYS**999GA GEDORE**
new**Orig. Gedore red - Art. R20400006**

Mobile workbench made of sheet steel, with a resistant epoxy paint finish. Floor in laminated wood that avoids any deformation of the wood. Equipped with sliding drawers with stop at end of travel, single closure and central locking. 4 rubber wheels of which 2 castors, 1 equipped with brake for a good immobility. Side walls with holes for hanging other tools (see hooks Art. 995 GT and 995 GZ).

Type with 6 drawers, dimensions 482x345 mm and large side compartment with flap closure. 210 kg capacity on the move. Without tools.

Shelf length	mm	988
Shelf width	mm	431
Overall height	mm	935
Weight	Kg	72

999GA Each **1.250,00**

The modules Art. 998 G 9F to 998 G 9ZE and 1000 G 1 to 1000 G 34 can be inserted in the drawers of the 999 GA trolley.

999GF GEDORE**Orig. Gedore - Art. 1502**

Heavy-duty extra strong epoxy painted mobile workbench. Unbendable multilayered wooden work-top, which avoids any deformation of the wood. With sliding drawers and stop wedge, both single and central closing system. 4 rubber wheels 2 of which pivoting and one with brake for a better steadiness. A vice may be fixed on the bench.

6 drawer type, size mm 480x400 and 2 open compartments. Max. load kg. 700 in a steady position. Without tools.

Shelf length	mm	950
Shelf width	mm	550
Overall height	mm	875
Weight	Kg	78

999GF Each **1.820,00**



Orig. Gedore - Art. 1504

Heavy-duty extra strong epoxy painted mobile workbench of a considerable height. Unbendable multilayered wooden work-top, which avoids any deformation of the wood. With sliding drawers and stop wedge, both single and central closing system.

4 rubber wheels 2 of which pivoting and one with brake for a better steadiness. A vice may be fixed on the bench.

Seven-drawer type, size mm 480x400 and side large compartment with wicket.

Max. load capacity kg. 700 in a steady position. Without tools.

Shelf length	mm	1100
Shelf width	mm	550
Overall height	mm	960
Weight	Kg	100

999GL Each **2.210,00**

GEDORE 999GL



3

Orig. Gedore - Art. BR 1504 L

Product description as Art. 999GL

Combination of mobile workbench and tool trolleys Art. 999GL and reentering cabinet for an easy and safe handling of tools. With automatic gas-propelled lift.

Door lock closing system. Hooks for drilled cabinet: see Art.995 GT.

Without tools and hooks.

Trolley/cupboard shelf length	mm	1100/1000
Trolley/cupboard shelf width	mm	550/70
Trolley/cupboard height	mm	960/640
Overall weight	Kg	128

999GP Each **3.340,00**

GEDORE 999GP



MOBILE WORKBENCHES

Orig. Gedore - Art. 1505

Mobile workbench made of sturdy epoxy painted steel plate. Unbendable multilayered wooden work-top, which avoids any deformation of the wood. With 4 retractable wheels for quick and safe movements and a very good still-standing. A special device, operated by draft gear, ensures wheels retraction. Both single and central closing systems.

With five guides and rollers sliding drawers, size 480x550 mm. and 1 large side compartment.

Max. load capacity 1000 kg. in steady position. Without tools.

Shelf length	mm	1100
Shelf width	mm	652
Overall height	mm	900
Weight	Kg	138

999GR Each **3.810,00**

GEDORE 999GR



TRANSPORTER TROLLEYS

Prod. SCU

Wooden platform model with laminated foam. Tube based structure, and welded steel profile, which is powder resistant. 4 rubber wheels with a diameter of 200 mm and 2 swivels, equipped with a brake. 500 kg fixed position capacity. Removable portable handle, with side network Table length 1,000 mm, width 700 mm, total height of 1,170 mm including mounted handle.

Weight	Kg	31
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999P Each **431,00**

SCU 999P





MODULES WITH TOOLS FOR TOWER TROLLEYS.

1000G 1

**Orig. Gedore - Art. 1500 ES**

In unbreakable ABS material. Suitable for top-quality dressing of tower-trolley drawers (also see phonoabsorbent mats Art. 1000 G 40). Before placing an order, compare module and spacer dimensions with drawer dimensions.

Width by module depth 310x315mm.

25 pcs, module excluded:

1 sr. 877 G 17 (17 pcs)

1 sr. 914 GH (8 pcs)

1000G 1 Each **250,00**

Empty modules for Art. 1000 G 1 - 1000 G 2

O1000G 1V Each **21,60**

1000G 2



Product description as Art. 1000G 1

Width by module depth 310x315mm.

25 pcs, module excluded:

1 sr. 875 G 17 (17 pcs)

1 sr. 914 GH (8 pcs)

1000G 2 Each **307,00**

For empty module see Art. O 1000 G 1V.

1000G 3



Product description as Art. 1000G 1

Width by module depth 157.5x310mm.

10 pcs, module excluded:

1 sr. 871 G 10 (10 pcs)

1000G 3 Each **109,00**

Empty modules for Art. 1000 G 3 - 1000 G 8

O1000G 3V Each **13,70**

1000G 4



Product description as Art. 1000G 1

Width by module depth 310x315.

9 pcs, module excluded:

1 pc each Art. 915 GE 2-2.5-3-4-5-6-7-8-10mm.

1000G 4 Each **133,00**

Empty modules for Art. 1000 G 4

O1000G 4V Each **21,60**

When stocks will be run out, the modul will be sent with the Art. 913 GS (same sizes)

1000G 6



Product description as Art. 1000G 1

Width by module depth 157.5x310mm.

8 pcs, module excluded:

1 pc each Art.880 G 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm.

1000G 6 Each **138,00**

Empty modules for Art. 1000 G 6

O1000G 6V Each **13,70**

Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 10 pcs, module excluded:
 1 pc each Art. 879 G 8-10-12-13-14-15-16-17-18-19mm.

1000G 8 Each **255,00**

For empty module see Art. O 1000 G 3V.

GEDORE **1000G 8**



Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 6 pcs, module excluded:
 1 pc each Art. 899 GL 5.5-6-7-8-9-10mm.

1000G 10 Each **112,00**

Empty modules for Art. 1000 G 10

O1000G 10V Each **13,60**

GEDORE **1000G 10**



Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 5 pcs, module excluded:
 1 pc each Art. 887 GA 8x9-10x11-12x13-14x15-16x17mm.

1000G 12 Each **278,00**

Empty modules for Art. 1000 G 12

O1000G 12V Each **16,10**

GEDORE **1000G 12**



Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 6 pcs, module excluded:
 1 pc fleximeter 5m
 1 pc digital caliper
 1 pc tweezers 150mm
 1 pc scriber 250mm
 1 pc file for dressing metric threads
 1 pc caliper for TORX screws Art. 2030 G

1000G 14 Each **293,00**

Empty modules for Art. 1000 G 14

O1000G 14V Each **13,30**

GEDORE **1000G 14**



Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 26 pcs, module excluded:
 1 pc each Art. 969 RA 10-11-12-13-14-15-16-17-18-19-21-22-23-24-26-27-28-30-32mm
 1 pc each Art. 969 RV 6-7-8-9-10-12-14mm.

1000G 15 Each **316,00**

Empty modules for Art. 1000 G 15

O1000G 15V Each **13,70**

GEDORE **1000G 15**



Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 6pcs, module excluded:
 1 pc each Art. 982 SB 100x4-125x5.5-150x6.5-175x8mm
 1 pc each Art. 982 SL Size PZD 1 - 2

1000G 16 Each **75,10**

Empty modules for Art. 1000 G 16 - 1000 G 16A

O1000G 16V Each **13,60**

GEDORE **1000G 16**



Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 6 pcs, module excluded:
 1 pc each Art.982 SB 100x4-125x5.5-150x6.5-175x8mm
 1 pc each Art. 982SF Size PH 1 - 2

1000G 16A Each **71,90**

For empty module see Art. O 1000 G 16V.

GEDORE **1000G 16A**



**1000G 16E GEDORE**

Product description as Art. 1000G 1
Width for module depth 157,5x310mm.
Content: 6 pieces, module excluded.
1 pc. per item: 982 SM T8-T10-T15-T20-T25-T30.

1000G 16E Each **65,60**

For empty module Art. O1000 G 16V.

1000G 17 GEDORE

Product description as Art. 1000G 1
Width by module depth 157.5x310mm.
5 pcs, module excluded:
1 pc each Art. 970 RF 125 and 250mm
1 pc Art. 970 RH
1 pc Art. 970 RI
1 pc Art. 970 RT

1000G 17 Each **212,00**

Empty modules for Art. 1000 G 17

O1000G 17V Each **13,70**

1000G 18 GEDORE

Product description as Art. 1000G 1
Width by module depth 157.5x310mm.
15 pcs, module excluded:
1 pc each Art. 969 RV 5-6-7-8-9-10-12-14-17mm
1 pc each Art. 969 RZ 5-6-8-10-12-14mm.

1000G 18 Each **214,00**

Empty modules for Art. 1000 G 18

O1000G 18V Each **13,30**

1000G 20 GEDORE

Product description as Art. 1000G 1
Width by module depth 157.5x310mm.
19 pcs, module excluded:
1 pc each Art. 969 RS 20-25-27-30-40-45-50-55-60mm
1 pc each Art. 969 RT 20-25-27-30-40-45-50-55-60mm
1 pc Art. 2030 G.

1000G 20 Each **380,00**

Empty modules for Art. 1000 G 20

O1000G 20V Each **13,40**

1000G 21 GEDORE

Product description as Art. 1000G 1
Width by module depth 157.5x310mm.
4 pcs, module excluded:
1 pc Art. 251 GB 160mm
1 pc Art. 362 GL
1 pc Art. 345 G 180mm
1 pc Art. 573 GB 160mm.

1000G 21 Each **166,00**

Empty modules for Art. 1000 G 21

O1000G 21V Each **13,60**

1000G 22 GEDORE

Product description as Art. 1000G 1
Width by module depth 157.5x310mm.
37 pcs, module excluded:
1 pc each Art. 941 RA 4-5-5,5-6-7-8-9-10-11-12-13-14mm
1 pc each Art. 941 RF 3-4-5-6-8mm
1 pc each Art. 941 RL 8-9-10-15-20-25-27-30-40mm
1 pc each Art. 941 RP 4-5-6-7-8-10mm
1 pc Art. 942 G
1 pc Art. 942 E 100mm
1 pc Art. 942 H
1 pc Art. 942 P
1 pc Art. 942 V.

1000G 22 Each **431,00**

Empty modules for Art. 1000 G 22

O1000G 22V Each **13,70**

Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 24 pcs, module excluded:
 1 pc each Art. 952 RA 6-7-8-9-10-11-12-13-14-15-16-17-18-19mm
 1 pc each Art. 952 RT 4-5-6-8-10mm
 1 pc Art. 953 E
 1 pc Art. 953 F
 1 pc Art. 953 H
 1 pc Art. 953 I
 1 pc Art. 953 T.

1000G 24	Each	380,00
Empty modules for Art. 1000 G 24		
O1000G 24V	Each	13,70

GEDORE **1000G 24**



Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 19 pcs, module excluded:
 1 pc each Art. 982 GA 10-13-14-17-19mm
 1 pc each Art. 983 GB 7-8-9-12mm
 1 pc each Art. 983 GD Size 1-2-3-4
 1 pc each Art. 983 GM 5-6-8-10mm
 1 pc Art. 984 GF-5
 1 pc Art. 1986 GP.

1000G 26	Each	210,00
Empty modules for Art. 1000 G 26		
O1000G 26V	Each	13,30

GEDORE **1000G 26**



Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 8 pcs, module excluded:
 1 pc each pin punch 1.5-3-4mm
 1 pc drift 120X5mm
 1 pc punch 120x5mm
 1 pc octagonal chisel 250mm
 1 pc hammer with collar 300g
 1 pc octagonal cross chisel 125x5mm.

1000G 27	Each	101,00
Empty modules for Art. 1000 G 27		
O1000G 27V	Each	13,70

GEDORE **1000G 27**



Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 6 pcs, module excluded:
 1 pc each Art. 274 GA 140-180mm
 1 pc Art. 275 GA 170mm
 1 pc each Art. 276 GA 140-175mm
 1 pc Art. 277 GA 165mm.

1000G 28	Each	131,00
Empty modules for Art. 1000 G 28		
O1000G 28V	Each	13,60

GEDORE **1000G 28**



Product description as Art. 1000G 1
 Width by module depth 157.5X310mm.
 Empty module for small parts or additional tools.

1000G 30	Each	10,50
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GEDORE **1000G 30**



Product description as Art. 1000G 1
 Width by module depth 157,5x30mm.
 Spacer modules, with tray for small parts. For fixing modules inside drawers
 480x351mm.
 3 pcs required for each drawer.

1000G 34	Each	2,32
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GEDORE **1000G 34**



**1000G 35 GEDORE**

Product description as Art. 1000G 1
Width by module depth 475x72mm.
Basin spacer modules for small parts to fix modules to drawers 480x400mm.
1 piece for each drawer is necessary.

1000G 35	Each	6,36
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1000G 38 GEDORE

Product description as Art. 1000G 1
Width x module depth mm 475x77.
Sheet metal spacer modules, containing 4 plastic containers for small parts.
To fix the modules in the 480x400 mm size drawers.
1 pc. every drawer is necessary.

1000G 38	Each	19,60
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SOUND ABSORBENT MATS**1000G 40 GEDORE**

Orig. Gedore - Art. 1500 H

In honeycomb rubber, suitable to reduce the noise caused by the tools in the drawers when the trolley is moved. Shock-resistant and anti-slipping. Supplied in rolls (length: 2m, width: 0.45m). Easily cut to fit any kind of drawer, bench, etc. by using both side adhesive tape.

1000G 40	Each	44,10
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VALVES WRENCHES**1001T SCU**

new



Prod. SCU

In special steel, tempered. Plasticized handle.

Overall length	mm	400	500	600	800	1000
Dimensions L1	mm	50	60	70	90	103
1001T	Each	53,70	81,80	106,00	179,00	266,00

PIPE WRENCHES**1002 SCU**

Prod. SCU

Blitz type with roller.

First-class execution in forged steel.

Hardened jaws.

Fine quality.

Overall length	mm	175	225	270	310	350
For pipes up to Ø	inch	1	1.1/2	2	2.1/2	3
1002	Each	23,40	26,80	34,80	39,10	47,10

1002G PKS

Orig. Pakes-Gedore

Product description as Art. 1002

Overall length	mm	175	225	270	310	350
For pipes up to Ø	inch	1	1.1/2	2	2.1/2	3
1002G	Each	30,40	33,90	41,70	48,70	87,30

1004G PKS

Blitz type with roller and bent jaws.

First-class execution in forged steel.

Hardened jaws.

Overall length	mm	175	225	300
For pipes up to Ø	inch	1	1.1/2	2
1004G	Each	32,90	40,20	55,60


PIPE WRENCHES MOD. STILLSON
Prod. SCU

In special steel, forged.
Finely enamelled.

Overall length	mm	200	250	310	350	450	600	920
Overall length	inch	8	10	12	14	18	24	36
For pipes up to Ø	inch	3/4	1	1.1/4	1.1/2	2	3	4
Max opening	mm	27	35	44	48	60	76	100
1020G	Each	22,40	28,10	33,70	39,90	57,10	86,60	229,00

1020G

PIPE WRENCHES AMERICAN PATTERN
Prod. SCU

High resistance model. Heavy duty.
Cast body with forged steel jaws. Strongly hardened serration.
Additionally induction hardened. Finely enamelled body.

Overall length	mm	200	250	300	350	450	600	900
For pipes up to Ø	inch	1	1.1/2	2	2	2.1/2	3	5
Max opening	mm	38	48	60	60	76	89	160
Weight	Kg	0,400	0,800	1,300	1,600	2,600	4,300	8,800
1021GE	Each	25,50	33,50	40,70	45,20	66,80	101,00	231,00

1021GE


Spare parts available on request.

PIPE WRENCHES AMERICAN PATTERN - LIGHT EXECUTION
Prod. SCU

Body in light aluminium alloy. Jaws made of alloyed steel, additionally induction hardened.
Particularly suitable for light operation.

Overall length	mm	250	300	350	450	600	900	1200
For pipes up to Ø	inch	1.1/2	2	2	2.1/2	3	5	6
Weight	Kg	0,500	0,650	0,960	1,540	2,650	4,960	8,200
1025G	Each	44,70	54,20	60,60	72,10	115,00	247,00	410,00

ALLUMINIO 1025G


Model with front grip. Body in light aluminium alloy. Jaws made of alloyed steel, additionally induction hardened.
Particularly suitable for light operation.

Overall length	mm	350	450	600
For pipes up to Ø	inch	2	2.1/2	3
Weight	Kg	0,840	1,260	2,255
1030G	Each	78,70	110,00	183,00

ALLUMINIO 1030G


Spare parts for Art. 1025 G and 1030 G available on request.

PIPE WRENCHES WITH AUTOMATIC REGULATION/ADJUSTMENT
Prod. SCU

Forged steel body (450mm in aluminium). Jaws in special steel, hardened.
Jaw with spring device for immediate gripping of the tube to be tightened. 3 gripping positions for a safe grip. Ratchet-like movement even single-hand operated. Quick and easy to operate even in hard-to-access locations.

Overall length	mm	250	350	450
For pipes up to Ø	inch	1.1/2	2	3
Max opening	mm	40	50	80
Weight	Kg	0,900	1,650	2,500
1032G	Each	49,40	60,90	188,00

1032G

COMBINED PIPE WRENCHES
Prod. SCU

Type of great resistance for heavy work. Combined with VALVE WRENCH particularly suitable for applications in refineries, petrochemicals, oil pipelines, gas pipelines, etc.
Allows the operator to maneuver different types of valves with just one key. Rear part of the pipe wrench body is flat, for use as a hammer. Cast-iron steel body with forged steel jaws strongly tempered on the teeth. With induction extra hardening. Finely painted body.

For pipes up to Ø	inch	1	1.1/2
Overall length	mm	250	250
Valve key mouth opening	mm	20	13
Ø valve key mouth	inch	3/4	1/2
1032GE	Each	117,00	127,00

1032GE
new




PIPE WRENCHES SWEDISH PATTERN

1033G carolus
by GEDORE



Orig. Carolus - Art. 2175/R2710

Jaws bent at 85°. Hardened special steel. Painted finish.

Size		1	1.1/2	2	3
For pipes up to Ø	inch	1.1/4	1.3/4	2.1/4	3.1/2
Max opening	mm	44	62	76	105
Overall length	mm	320	420	560	635
1033G	Each	33,30	49,10	70,20	121,00

1034G carolus
by GEDORE



Orig. Carolus - Art. 2176

Jaws bent at 45°. Hardened special steel. Painted finish.

Size		1/2	1	1.1/2	2	3
For pipes up to Ø	inch	3/4	1.1/4	1.3/4	2.1/4	3.1/2
Max opening	mm	32	44	62	76	105
Overall length	mm	235	320	450	540	650
1034G	Each	22,30	27,10	38,20	58,90	107,00

Product running out of stock.

1035G carolus
by GEDORE



Orig. Carolus - Art. 2179/R2714

Shaped, curved jaws. Hardened special steel. Painted finish.

Size		1/2	1	1.1/2	2	3
For pipes up to Ø	inch	3/4	1.1/4	1.3/4	2.1/4	3.1/2
Max opening	mm	32	44	62	76	105
Overall length	mm	235	330	420	535	650
1035G	Each	22,30	31,40	47,10	66,80	117,00

Size 1/2 running out of stock.

1036G GEDORE



Orig. Gedore - Art. 175

Jaws bent at 85° - DIN 5234 A. In CHROME VANADIUM steel. Additionally induction hardened. High-resistant epoxy paint coating.

Size		3/4	1	1.1/2	2	3	4
For pipes up to Ø	inch	1	1.1/4	1.3/4	2.1/4	3.1/2	4.1/2
Max opening	mm	38	44	62	76	105	130
Overall length	mm	280	320	430	580	670	760
1036G	Each	60,30	70,50	107,00	163,00	209,00	322,00

Size 3/4 running out of stock.

1038G GEDORE



Orig. Gedore - Art. 176

Jaws bent at 52° - DIN 5234 B. In CHROME VANADIUM steel. Thin and bent jaws. High-resistant epoxy paint coating.

Size		3/4	1	1.1/2	2	3
For pipes up to Ø	inch	1	1.1/4	1.3/4	2.1/4	3.1/2
Max opening	mm	38	44	62	76	105
Overall length	mm	280	320	430	580	670
1038G	Each	57,80	72,70	104,00	153,00	207,00

Sizes 3/4 and 3 running out of stock.

1040G GEDORE



Orig. Gedore - Art. 9100

Shaped jaws with 3 clench points - DIN 5234 C. In CHROME VANADIUM steel. Thin and curved jaws for a better grip even in restricted areas. Painted finish.

Size		1/2	1	1.1/2	2	3
For pipes up to Ø	inch	1	1.1/4	1.3/4	2.1/4	3.1/2
Max opening	mm	35	48	60	80	110
Overall length	mm	245	320	420	550	630
1040G	Each	63,30	79,70	114,00	175,00	248,00

Sizes 1/2 and 3 running out of stock.

1041G GEDORE



Orig. Gedore - Art. 100

Professional ORIGINALE SNAP type.

Shaped jaws with 3 clench points - DIN 5234 C. In CHROME VANADIUM steel. Thin and curved milled jaws for a better grip even in restricted areas.

High-resistant epoxy paint coating.

Size		1/2	1	1.1/2	2	3
For pipes up to Ø	inch	1	1.1/4	1.3/4	2.1/4	3.1/2
Max opening	mm	35	48	60	80	110
Overall length	mm	245	320	420	550	630
1041G	Each	80,80	111,00	134,00	195,00	298,00



Prod. SCU

Special model with quick and precise adjustments via push button, which can be used with one single hand. The particular position of the hinge creates a favorable ratio of levers to allow a large clamping force.

Shaped jaws with a triple point grip. In forged CHROME-VANADIUM steel. Polished execution.

Size		1	1.1/2
For pipes up to Ø	inch	1.1/4	1.3/4
Max opening	mm	42	60
Overall length	mm	325	425
1042G	Each	76,80	111,00

SCU

1042G



3

CHAIN PIPE WRENCHES

Orig. Gedore - Art. 120

Forged grip in CHROME VANADIUM steel.

Jaws with twin serrations and additional hardening. Hardened chain. For heavy-duty purposes.

Chain links match easily to round, square and irregular-shaped items.

Suitable to tubes 3/4" to 4" inch (25 to 114mm).

Overall length	mm	300
1043G	Each	132,00

Spare chains for Art. 1043 G

O1043G	Each	66,30
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GEDORE

1043G



Orig. Sturem

Forged grip in CHROME VANADIUM steel. Nickel finish.

Jaws with twin serrations, hardened. Hardened chain. Multi-purpose.

Chain links match easily to round, square and irregular-shaped items.

Suitable to tubes up to 4" inches.

Overall length	mm	330
1044G	Each	74,30

Spare chains for Art. 1044 G.

O1044G	Each	38,90
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STUREM

1044G



Prod. SCU

In special steel. Enamelled finish.

Jaws with twin serrations, hardened. Hardened chain. Multi-purpose.

Chain links match easily to round, square and irregular-shaped items.

Suitable to tubes up to 4" inches.

Overall length	mm	300
1045G	Each	50,70

Spare chains for Art. 1045 G.

O1045G	Each	36,20
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SCU

1045G



BAND PIPE WRENCHES

Prod. SCU

In special steel. Enamelled finish. Model with hardened jaw and nylon band. Suitable to tighten round, square, irregular-shaped, chrome-plated, nickel-plated. etc. items.

Body length: 300mm.

Size		3	8
For pipes up to Ø	inch	3	8
Belt overall length	mm	450	1000
1045GE	Each	53,70	58,30

Spare bands for Art. 1045 GE

Size		3	8
O1045GE	Each	16,20	17,70

SCU

1045GE



CHAIN PIPE WRENCHES

Prod. SCU

In SPECIAL STEEL.

Model with double and reversible, hardened, tempered and lacquered jaws.

Size		4	6	8	12	16
For pipes Ø	inch	3/4-4	1-6	1.1/2-8	2-12	3-16
Overall length	mm	890	900	1100	1300	1600
1046G	Each	196,00	389,00	500,00	915,00	1.200,00

Spare chains for Art. 1046 G.

Size		4	6	8	12	16
O1046G	Each	60,20	87,30	112,00	191,00	277,00

SCU

1046G



**1049G GEDORE****Orig. Gedore - Art. 210 / 122**

Product description as Art. 1046G

Size	2	3	4	6	8	12
For pipes Ø inch	1/8-2	1/4-3	3/4-4	1-6	1.1/2-8	2-12
Overall length mm	510	710	940	1090	1275	1600
1049G Each	248,00	343,00	440,00	589,00	729,00	1.220,00

Spare chains for Art. 1049 G.

Size	2	3	4	6	8	12
O1049G Each	87,50	91,70	131,00	188,00	242,00	382,00

1049GR GEDORE**Orig. Gedore**

Spare jaws for Art. 1049 G.

Size	2	3	4	6	8	12
1049GR Per pair	99,10	131,00	184,00	222,00	269,00	386,00

PIPE CUTTERS FOR PLASTIC MATERIALS**1052A SCU**
1052B**Prod. SCU**

Pliers type, in nickel-plated metal, hardened and ground steel knife.

Suitable for cutting PVC-Nylon-PE plastic pipes.

Overall length mm	130
For pipes cut Ø by mm	3-15
1052A Each	15,30

Spare knives for Art. 1052 A.

O1052A Each	4,54
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Product description as Art. 1052A

Overall length mm	185
For pipes cut Ø by mm	12-25
1052B Each	23,30

Spare knives for Art. 1052 B.

O1052B Each	6,84
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1052C SCU
new

14-22

28



Clamp type, professional with special hardened and sharpened steel knife, with optimal cutting geometry and PTFE coated. Ideal for the clean cut without deformation of rigid or flexible pipes in plastic, PVC, PE, nylon, etc., also with reinforcement in plastic or textile. Spring opening with one-hand locking system. Sturdy adjustable hinge (Art. 1052 C 28 with double snap-in hinge and grips covered in soft non-slip rubber).

Body in special magnesium alloy, light and strong.

Cutting capacity Ø mm	14	22	28
Overall length mm	130	165	185
1052C Each	26,30	30,90	43,60

Spare knives for Art. 1052 C.

Cutting capacity Ø mm	14	22	28
O1052C Each	12,80	14,60	16,40

1052D SCU
new

Clamp type, professional with special hardened and sharpened steel knife, with optimal cutting geometry and PTFE coated. Lower jaw with needle bearings that allow the tube to rotate even when cutting multilayer pipes with aluminum reinforcement. They are ideal for sharp cutting without deformation of rigid or flexible pipes in plastic, PVC, PE, nylon, etc., even with reinforcement in plastic or textile. Ability to cut evenly and precisely pipes with spiraled surfaces, without affecting the cables contained in the tube, thanks to the 4 blades with 3 points (three possibilities of use before replacing the blades) placed at the end of the handle. Spring-loaded opening with one-hand locking system. Sturdy double adjustable zipper and grips covered in soft non-slip rubber.

Body in special magnesium alloy, light and strong. Cutting capacity Ø mm 26. Length total mm 185.

1052D Each	65,30
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Spare knives for upper jaw Art. 1052 D.

O1052D 1 Each	16,40
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Spare 3-point knives for handles Art. 1052 D.

O1052D 2 Each	16,40
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Orig. Sturem

Pliers type with hardened and sharpened special steel knife. Long and ergonomic handles for easy cutting. Suitable for rigid PVC plastic pipes, plastic-reinforced flexible pipes for water/air, etc.

Aluminium/cast iron alloy body.

Cutting capacity Ø 35mm. Total length 210mm.

1052GF Each **20,60**

Spare knives for Art. 1052 GF.

O1052GH Each **10,50**

STUREM
1052GF

Prod. SCU

Professional patented shear type with mobile fulcrum mechanism and special blade profile, in STAINLESS steel coated with TEFLON® to cut easily any type of tube: PVC, PE, PP, PB, VPE, PVDF, PEX, MLP, MSR, CPVC, multilayer up to 0.6mm thick, nylon, rubber, vinyl, etc.

Quick change blade. Lightweight and sturdy body in special magnesium alloy.

Cutting capacity Ø 35mm. Total length 225mm.

1052GHA Each **45,40**

Spare knives for Art. 1052 GHA.

O1052GHA Each **21,10**

SCU
1052GHA


Shears type, ratchet movement for easy cutting of hard plastic pipes. Special steel knives.

Cutting capacity Ø 42mm. Total length 195mm.

1052GL Each **20,20**

Spare knives for Art. 1052 GL.

O1052GL Each **5,32**

SCU
1052GL


Professional patented shear type with ratchet mechanism and special blade profile, in STAINLESS steel coated with TEFLON® to cut easily any type of tube: PVC, PE, PP, PB, VPE, PVDF, PEX, MLP, MSR, CPVC, multilayer up to 0.6mm thick, nylon, rubber, vinyl, etc.

Quick change blade, with guard, to avoid accidents during cutting. Lightweight and sturdy body in special magnesium alloy with soft non-slip rubber grip.

Cutting capacity Ø 42mm. Total length 240mm.

1052GLA Each **59,60**

Spare knives for Art. 1052 GLA.

O1052GLA Each **24,80**

SCU
1052GLA


Product description as Art. 1052GLA

Cutting capacity Ø 50mm. Total length 250mm.

1052GLP Each **68,80**

Spare knives for Art. 1052 GLP.

O1052GLP Each **28,70**

SCU
1052GLP


Product description as Art. 1052GLA

With LASER-cut stainless steel blade with more efficient sharpening, easier cutting, more neat and without deformation of the pipes. Adjustable approach system for pipes up to Ø 50 mm, located at the ends of the lower shear jaw.

Cutting capacity Ø 63 mm. Total length mm 280.

1052GLR Each **92,10**

Spare knives for Art. 1052 GLR.

O1052GLR Each **48,80**

SCU
1052GLR
new


**1052GM** STUREM**Orig. Sturem**

Shears type, ratchet movement for easy cutting of hard plastic pipes. Special steel knives.

Cutting capacity Ø 63mm. Total length 420mm.

1052GM	Each	81,80
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Spare knives for Art. 1052 GM.

O1052GM	Each	66,90
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1052GP SCU**Prod. SCU**

Super-professional shear type with ratchet mechanism and special blade profile for easy cutting of any type of pipe: PVC, PE, PP, PB, VPE, PVDF, Nylon, rubber, vinyl up to Ø 42mm. Also cuts plastic cable ducts up to 15x30mm and electric cables up to Ø 12mm (max section 4x2.5 sqmm).

Lightweight and sturdy body in special aluminium alloy with soft non-slip rubber grip. Total length 230mm.

1052GP	Each	107,00
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Spare knives for Art. 1052 GP.

O1052GP	Each	31,10
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1052GR STUREM**Orig. Sturem**

Gun type for professional use. Aluminium alloy body, hardened special steel knife. Blade feed with ratchet movement for effortless efficient cutting. Button for automatic blade retraction. Suitable for PE, PP, PVC, Nylon, rubber and vinyl pipes.

Cutting capacity Ø 35mm. Total length 185mm.

1052GR	Each	69,10
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1052L GEDORE**Orig. Gedore - Art. 2261**

Set suitable for cutting tubes, cable trays, plastic frames (not suitable to cut metals).

The set contains:

1 x shear with blade

2 x inserts for plastic tubes 16 + 19 and 25mm

1 x 90° prism insert for cable trays and plastic frames

1 x 45° adjusting angular holder.

In plastic case.

1052L	Each	77,80
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1053G SCU**Prod. SCU**

Wheel type with telescopic guide. Suitable for cutting PE, PP, PVC, Nylon pipes.

With 1 thin steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø mm 6-42

1053G	Each	54,40
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For spare wheels see Art. O1053 GM.

1053GE SCU

Wheel type with telescopic guide and rapid approach. Suitable for cutting PE, PP, PVC, Nylon pipes.

With 1 thin steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø mm 6-50

1053GE	Each	73,60
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Spare wheels for Art. 1053 GE.

O1053GE	Each	5,30
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Product description as Art. 1053GE

With 1 thin wheel in high-resistance steel, 4 roller and knife reamer.

For pipes Ø	mm	6-67
1053GM	Each	111,00

Spare wheels for Art.1053 G -1053 GM.

O1053GM	Each	4,82
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SCU

1053GM



Product description as Art. 1053GE

With 1 thin steel wheel and 2 rollers.

For pipes Ø	mm	50-125
1053GR	Each	231,00

Spare wheels for Art. 1053 GR.

O1053GR	Each	14,60
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SCU

1053GR



Product description as Art. 1053GE

With 1 thin steel wheel, 2 rollers and knife reamer.

For pipes Ø	mm	100-168
Overall length	mm	370
1053GS	Each	338,00

Spare wheels Ø 45mm for Art. 1053 GS.

O1053GS	Each	38,90
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SCU

1053GS



PIPE CUTTERS

Prod. SCU

Shears type

In high-resistance steel, coated handles.

Spring opening and stop hook.

Cutting without crushing very thin copper pipes up to Ø 2.5mm.

Suitable for installation and repairing of house appliances and heating systems.

Overall length	mm	140
1053T	Each	20,20

SCU

1053T



Orig. Sturem

Pocket type with one wheel. For cutting pipes of copper, brass, aluminium and relevant alloys, steel and plastic thin pipes.

With one high-resistance steel wheel and two rollers.

For pipes Ø	mm	3-16
For pipes Ø	inch	1/8-5/8
1054G	Each	15,10

Spare wheels for Art. 1054 G.

O1054G	Each	6,66
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STUREM

INOX

1054G



Prod. SCU

Wheel pocket type. Suitable for cutting thin stainless steel pipes.

With 1 steel wheel and 2 rollers.

For pipes Ø	mm	3-16
For pipes Ø	inch	1/8-5/8
1054GB	Each	20,30

Spare wheels for Art. 1054 GB.

O1054GB	Each	7,24
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SCU

INOX

1054GB



Product description as Art. 1054G

With one steel wheel and two rollers.

For pipes Ø	mm	3-22
For pipes Ø	inch	1/8-7/8
1054GE	Each	18,10

Spare wheels for Art. 1054 GE.

O1054GE	Each	4,02
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SCU

1054GE



**1054GF** SCU INOX

Product description as Art. 1054GB

With 1 steel wheel and 2 rollers.

For pipes Ø mm 3-22
For pipes Ø inch 1/8-7/8**1054GF** Each **21,40**

Spare wheels for Art. 1054 GF.

O1054GF Each **7,24****1055G** STUREM INOX**Orig. Sturem**

Wheel type. For cutting copper, brass, aluminum and their alloys, thin tubes in steel, stainless steel and plastic.

With 1 wheel in high-resistant steel, 2 rollers and reamer blade in the handle for maximum safety against accidents.

For pipes Ø mm 3-35
For pipes Ø inch 1/8-1.3/8**1055G** Each **25,30**

Spare wheels for Art. 1055 G.

O1055G Each **6,66****1055GA** SCU**Prod. SCU**

For cutting pipes of copper, brass, aluminium and relevant alloys. For cutting steel and plastic thin pipes.

With 1 steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø mm 3-32
For pipes Ø inch 1/8-1.1/4**1055GA** Each **20,80**

Spare wheels for Art. 1055 GA.

O1055GA Each **4,02****1055GA 1** SCU INOX

Wheel type. Suitable for cutting thin stainless steel pipes.

With 1 steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø mm 3-32
For pipes Ø inch 1/8-1.1/4**1055GA 1** Each **30,50**

Spare wheels for Art. 1055 GA 1.

O1055GA 1 Each **7,24****1055GA 3** SCU

Compact, with telescopic guide. For cutting pipes of copper, brass, aluminium and relevant alloys.

With 1 steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø mm 3-32
For pipes Ø inch 1/8-1.1/4**1055GA 3** Each **39,10**

Spare wheels for Art. 1055 GA 3.

O1055GA 3 Each **4,02****1055GA 5** SCU INOX

Wheel type with telescopic guide. Suitable for cutting thin stainless steel pipes.

With 1 steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø mm 3-32
For pipes Ø inch 1/8-1.1/4**1055GA 5** Each **45,20**

Spare wheels for Art. 1055 GA 5.

O1055GA 5 Each **7,24****1055GA 7** SCU

Wheel type with telescopic guide. Suitable for cutting pipes of copper, brass, aluminium and their

With 1 steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø mm 6-42
For pipes Ø inch 1/4-1.5/8**1055GA 7** Each **53,20**

Spare wheels for Art. 1055 GA 7.

O1055GA 7 Each **4,60**



Wheel type with telescopic guide. Suitable for cutting thin stainless steel pipes.
With 1 steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø	mm	6-42
For pipes Ø	inch	1/4-1.5/8
1055GA 9	Each	65,20

Spare wheels for Art. 1055 GA 9.

O1055GA 9	Each	7,92
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SCU INOX 1055GA 9



Compact, with telescopic guide. For cutting pipes of copper, brass, aluminium and relevant alloys.
With 1 steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø	mm	6-45
For pipes Ø	inch	1/4-1.3/4
1055GC	Each	67,90

Spare wheels for Art. 1055 GC.

O1055GC	Each	4,60
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SCU 1055GC



Wheel type with telescopic guide. Suitable for cutting thin stainless steel pipes.
With 1 steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø	mm	6-45
For pipes Ø	inch	1/4-1.3/4
1055GD	Each	74,90

Spare wheels for Art. 1055 GD.

O1055GD	Each	7,92
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SCU INOX 1055GD



Wheel type with telescopic guide and rapid approach. Suitable for cutting thin stainless steel pipes.
With 1 steel wheel, 2 rollers, knife reamer blade and spare wheel in the handle.

For pipes Ø	mm	6-50
For pipes Ø	inch	1/4-2
1055GM	Each	80,10

Spare wheels for Art. 1055 GM.

O1055GM	Each	7,92
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SCU INOX 1055GM



AUTOMATIC PIPE CUTTERS

Orig. Sturem

With telescopic guide and automatic feed wheel. For copper-brass-aluminium and thin steel pipes.

With 1 thin wheel in high-resistance steel, with 3 guide rollers for maximum cutting precision also with the maximum load. With inner push spring for effort reduction and ease of cutting with only a few turnings. Reamer blade in the safety handle. Fully-protected wheel feed screw.

For pipes Ø	mm	3-35
For pipes Ø	inch	1/8-1.3/8
1056G	Each	61,10

Spare wheels for Art. 1056 G.

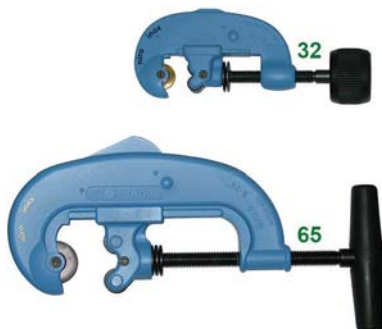
O1056G	Each	6,66
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Spare wheels for plastic, PVC, MEPLA for Art. 1058 G and for Orig. Sturem Art. 1054 G - 1055 G - 1055 G 2 - 1055 GB - 1055 GB 4 - 1056 G.

O1058GA	Each	6,96
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STUREM 1056G



**1057G GEDORE INOX****Orig. Gedore - Art. 2303**

With automatic feed wheel with disc springs. For STAINLESS steel pipes.

With 1 steel wheel, 2 rollers, retractable reamer blade.

Size		32	65
For pipes Ø	mm	4-32	13-65
Overall dimensions	mm	20x4,8x5,1	32x9,9x6,1
1057G	Each	114,00	256,00

Spare wheels for Art. 1057 G.

wheel Ø	mm	20	32
For pipe cutter size		32	65
O1057G	Each	29,10	48,50

PIPE CUTTERS**1063G SCU****Prod. SCU**

Forged steel body.

With one wheel for steel pipes and 2 guides.

Size		1.1/4	2	3
For gas and water pipes Ø	inch	1/8-1.1/4	1/8-2	1-3
1063G	Each	71,20	118,00	251,00

Spare wheels for pipe cutters Art. 1063 G.

Size		1.1/4	2	3
O1063G	Each	8,60	10,10	22,30

1063GE SCU INOX

Forged steel body.

With 1 wheel for stainless steel pipes and 2 rollers.

Size		1.1/4	2	3
For gas and water pipes Ø	inch	1/8-1.1/4	1/8-2	1-3
1063GE	Each	76,40	121,00	278,00

Spare wheels for pipe cutter Art. 1063 GE.

Size		1.1/4	2	3
O1063GE	Each	14,90	17,40	36,10

1064G STUREM**Orig. Sturem**

Forged steel body.

With cutting wheel made of high-resistance steel and 2 guide rollers.

Size		2	4
For pipes Ø	inch	1/8-2	1.1/4-4
1064G	Each	151,00	228,00

1066A STUREM ACCIAIO

SPARE PARTS FOR PIPE CUTTERS ART. 1064 G 2-4.

Spare wheel for steel pipes.

Size		2	4
1066A	Each	13,70	19,80

1066E STUREM INOX

Spare wheel for stainless steel pipes.

Size		2
1066E	Each	14,20

1066G STUREM GHISA

Spare wheel for cast iron pipes.

Size		2	4
1066G	Each	12,60	20,40



Spare wheel for plastic and Mepla pipes.

Size	2
1066L Each	14,90

Wheel pins.

Size	2	4
O1066P Each	7,28	7,28

STUREM MEPLA 1066L



RATCHET PIPE CUTTERS

Prod. SCU

Rotary ratchet wheel cutting manual feed model, which is particularly suitable for working in tight spaces.

Rigid nylon body reinforced with fibre glass.

Steel roller for cutting pipes made of brass, copper, aluminium, PVC. Includes one additional wheel (excl. Gr. 1) which is positioned inside the handle.

Size	1	2	3
For pipes Ø	mm 3-13	6-23	8-29
For pipes Ø	inch 1/8-1/2	1/4-7/8	5/16-1.1/8
1067A Each	38,80	48,50	58,20

Product running out of stock.

Spare wheels. In packs of 2 pcs, not sold separately.

Size	1	2
For pipes cutter Art.	1067A 1	1067A 2-3
O1067A Pack	8,76	12,30

Product running out of stock.

SCU

1067A



Orig. Gedore-Dako - Art. 224021

Rotating ratchet type with automatic cutting wheel feed, particularly suitable for confined areas. In die-cast aluminium microfusion. High-alloy steel wheel suitable for cutting stainless steel and NIROSTA pipes, long-lasting sharpening. Ideal for cutting exhaust pipes in the car industry. Additional wheel in the clamping adjustment knob.

For pipes Ø	mm 25-66
For pipes max. thickness	mm 5
Overall length	mm 360
1067G Each	1.040,00

Spare wheels for Art. 1067 G.

O1067G Each	51,10
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GEDORE NIROSTA 1067G



CHAIN PIPE CUTTERS

Prod. SCU

With hardened alloy steel wheels. Heavy steel body.

Screw device for precise chain clamping and snap-lock.

Suitable for cutting pipes in confined areas with a 90° alternate movement.

For pipes Ø	mm 19-75
For pipes max. thickness	mm 2,5
Overall length	mm 250
1068GA Each	95,10

Spare chains for Art. 1068 GA.

O1068GA Each	68,40
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SCU

1068GA



Product description as Art. 1068GA

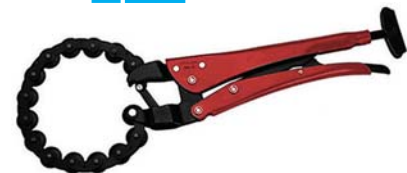
For pipes Ø	mm 19-115
For pipes max. thickness	mm 6
Overall length	mm 300
1068GB Each	137,00

Spare chains for Art. 1068 GB.

O1068GB Each	106,00
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SCU

1068GB



Orig. Gedore - Art. 210015

Steel body and mesh. High-resistance steel wheels.

Pipe cutter complete with wheels for steel and cast iron pipes.

Size	150
For pipes Ø	mm 135 a 175
No. wheels and links	5
1071GE Each	972,00

GEDORE

1071GE



1071GF **GEDORE**

ACCIAIO

Orig. Gedore - Art. 210200

Spare wheels for Art. 1071 GE 150, to cut steel and cast iron pipes. 50mm diameter.



GHISA

1071GF Each 34,90

1071GG **GEDORE**

Orig. Gedore - Art. 210600

Replacement pins for wheels Art. 1071 GF.



1071GG Each 7,06

1071GH **GEDORE**

Orig. Gedore - Art. 210500

Replacement links, without wheels, for Art. 1071 GE 150.



1071GH Each 28,10

It is possible to decrease or increase the capacity of the pipe cutter Art. 1071GE 150, removing or adding wheels, pins and links as the following table:

For pipes Ø 85 mm to 115: remove 2 pcs. each spare part.

For pipes Ø 110 to 145 mm: remove 1

HINGED PIPE CUTTERS

1073G **SCU**

Prod. SCU

Hinged model with openings for the tube to be inserted quickly.

Special cast steel bodywork. Ratchet movements between 90° and 110°. Particularly suitable for work which involves cutting pipes, or in locations where access is difficult.

Milled side rails.

Pipe cutter complete with 4 interchangeable wheels for steel pipes.

Size	4	6	8	12
For pipes Ø inch	2-4	4-6	6-8	8-12
For pipes Ø mm	60-125	114-182	168-240	219-356
Overall length mm	550	730	830	870
Weight Kg	6	9	11	16
1073G Each	1.200,00	1.460,00	2.030,00	2.440,00

1073GA **SCU**

ACCIAIO

Spare wheels, per Art. 1073 G, to cut steel pipes.

Size	4	6	8	12
1073GA Each	31,70	31,70	31,70	31,70

1073GB **SCU**

INOX

Spare wheels, per Art. 1073 G, to cut stainless steel pipes.

Size	4	6	8	12
1073GB Each	35,40	35,40	35,40	35,40

1073GC **SCU**

GHISA

Spare wheels, for Art. 1073 G, to cut cast iron pipes.

Size 12 is also suitable for sizes 6 and 8.

Size	4	12
1073GC Each	46,40	46,40



PIPE REAMERS

Prod. SCU

For internally/externally reaming pipes made of copper, brass, light alloys, PVC Ø 3 to 42mm. Body in resistant synthetic material, knives in hardened steel.

1079G Each **12,80**

SCU



1079G

For internally/externally reaming pipes made of copper, brass, light alloys, PVC Ø 4 to 40mm. Body in high-resistance aluminium alloy, knives in hardened steel.

1080G Each **18,30**

SCU



1080G

For internally/externally reaming pipes made of copper, brass, iron, steel, INOX, aluminium, light alloys, plastic, Ø 10 to 54mm. Body in very resistant fiberglass, knives in hardened steel.

1082 Each **65,70**

SCU

INOX



1082

For internally/externally reaming pipes made of copper, brass, iron, steel, INOX, aluminium, light alloys, plastic, Ø 10 to 54mm. Body in aluminium, strong clamping, knives in hardened steel.

1083 Each **93,80**

SCU

INOX



1083

CHAMFERING MILLING CUTTERS

Prod. SCU

For internally chamfering pipes made of copper, brass, iron, steel, INOX, aluminium, light alloys and multi-layer pipes, Ø 10 to 50mm. Head in HSS hardened steel with cutting edges suitable for uniform chamfering even on multi-layer pipes of large dimensions. Plastic handle.

1085 Each **48,80**

SCU

INOX



1085

NEW!

NEW ITEMS GROUP 4



1340GR 15

Couplings for SDS-PLUS drill bits
made of high quality special steel
▶ P. 402



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STONES AND WALLS DRILLING TOOLS TOOLS FOR VALVES

All items are in sequence. It's very easy to find them!

Drill bits for walls
Hammer drills/rotary core bits
Electric core drill machines
RATIO adapters



From **1331G**
To **1352G**

Valve lappers
Valve lappers machines



From **1378G**
To **1380G**



DRILL BITS FOR STONES AND WALLS

1331G SCU



Prod. SCU

Standard type.

With standard HARD METAL tool bit for rotation and percussion.

Suitable for drilling stones, walls, tiles, paving tiles, ceramic surfaces, concrete, Klinker. Chromatized finish.

For bits up to Ø 14mm, max connection Ø 10mm.

For bits Ø 14mm, connection Ø 13mm.

Type		4	5	5,5	6	6L	6,5	7	8	8L	8,5*	9
For bores Ø	mm	4	5	5,5	6	6	6,5	7	8	8	8,5	9
Overall length	mm	75	85	85	100	150	100	100	120	200	120	120
1331G	Each	1,56	1,56	1,58	1,62	2,40	1,74	1,80	2,02	3,06	1,66	2,44
Type		10	10L	11	12	12L	13	14	14L	16	16L	20
For bores Ø	mm	10	10	11	12	12	13	14	14	16	16	20
Overall length	mm	120	200	150	150	200	150	150	200	150	200	160
1331G	Each	2,62	3,50	3,70	3,70	5,78	3,94	5,54	6,58	7,36	9,16	11,60

* Size running out of stock.

1331GB SCU



Professional type.

With standard HARD METAL tool bit for rotation and percussion.

Spiral bit with long engagement for better penetration. Suitable for drilling stones, walls, tiles, paving tiles, ceramic surfaces, concrete, Klinker. Sandblasted finish.

For bits up to Ø 18mm, max connection Ø 10mm

For bits Ø 20mm, connection Ø 13mm.

Type		3	4	5	5L	5,5	6	6L	6,5	7	8	8L
For bores Ø	mm	3	4	5	5	5,5	6	6	6,5	7	8	8
Overall length	mm	70	75	85	150	85	100	150	100	100	120	200
1331GB	Each	1,94	1,84	1,90	2,86	1,98	1,98	3,06	2,08	2,32	2,68	4,16
Type		9	10	10L	11	12	13	14	15	16	18	20
For bores Ø	mm	9	10	10	11	12	13	14	15	16	18	20
Overall length	mm	120	120	200	150	150	150	150	150	150	160	160
1331GB	Each	3,20	3,64	5,54	5,00	5,54	6,72	7,30	9,22	9,22	11,30	12,60

1332G SCU



Professional type.

With standard HARD METAL tool bit for rotation and percussion.

High-power spiral bit for better penetration. Suitable also for battery drills. For drilling stones, walls, tiles, paving tiles, ceramic surfaces, concrete, Klinker. Chromatized finish.

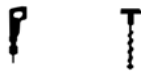
For bits up to Ø 16mm, max connection Ø 10mm.

For bits Ø 18 and 20mm, connection Ø 12mm.

Type		4	5	5L	6	6L	7	8	8L	10	10L	12	14	16	18	20
For bores Ø	mm	4	5	5	6	6	7	8	8	10	10	12	14	16	18	20
Overall length	mm	75	95	150	100	150	100	120	200	120	200	150	150	150	160	160
1332G	Each	1,70	1,76	3,16	2,02	3,26	2,74	2,74	6,72	3,56	7,76	4,92	8,50	11,80	15,20	19,40

DRILL BITS FOR HARD STONES AND WALLS

1332GB SCU



Prod. SCU

Professional/industrial type.

With HARD METAL tool bit for rotation and percussion.

With strengthened cutting edge and heavy-duty bearing. In forged and hardened bright steel. Strengthened trapezoidal twist drill to ensure a very high material removal rate. For drilling very hard stones such as granite, basalt, porphyry and also compressed concrete of great hardness. Suitable for drilling metals with strength up to 180 kg/mm², to be used on static drills.

For bits up to Ø 18mm, max connection Ø 10mm.

For bits Ø higher than 18mm, connection Ø 13mm.

Type		3	4	5	5L	5,5L*	6	6L	6,5L*	7	7L*	8
For bores Ø	mm	3	4	5	5	5,5	6	6	6,5	7	7	8
Overall length	mm	85	85	90	150	150	100	150	150	100	150	120
1332GB	Each	4,28	4,46	4,52	8,76	7,82	4,64	9,44	9,62	4,92	9,48	5,92
Type		8L	9	10	10L	12	12L	14	14L*	16	18	20
For bores Ø	mm	8	9	10	10	12	12	14	14	16	18	20
Overall length	mm	200	120	120	200	130	200	150	260	150	160	160
1332GB	Each	11,50	7,06	8,08	13,80	12,10	18,10	17,80	21,10	24,50	28,80	32,70

* Sizes running out of stock.



MULTI-PURPOSE DRILL BITS

Prod. SCU

With HARD METAL tool bit. Rotation-only type.

The good sharpening of the cutting edges ensures accurate spot-drilling, reduced pressure, quick drilling and long-life bit. Asymmetric twist drill for very accurate material removal.

Suitable for drilling walls, tiles, ceramic surfaces, Klinker, Eternit, laminated plastic, marble, aluminium, iron and wood. In bright steel.

For bits up to Ø 12mm, max connection Ø 10mm.

SCU

1333GA



Type		4	5	6	6L	7	8	8L	10	10L	12
For bores Ø	mm	4	5	6	6	7	8	8	10	10	12
Overall length	mm	75	85	100	150	100	120	200	120	200	150
1333GA	Each	6,80	7,32	8,04	11,80	9,08	9,96	14,70	13,10	18,80	17,90

PILOT DRILL BITS

Prod. SCU

With HARD METAL tool bit and center drill.

Rotation-only type. Very high efficiency due to the shape of the cutting edge. In bright steel, with corrosion-proofing protection.

For non-metallic materials. Suitable for walls (except for reinforced concrete), marble, concrete, plywood, laminated plastic, ceramic surfaces, glass, porcelain and similar.

Max connection Ø 10 mm.

SCU

1334G



For bores Ø	mm	3	4	5	6	8	10	12
Overall length	mm	85	85	95	100	120	120	150
1334G	Each	6,60	6,36	8,68	9,00	9,98	12,70	15,10

UNIVERSAL DRILL BITS

Prod. SCU

With HARD METAL tool bit and diamond-shaped cutting edge. Strengthened trapezoidal twist drill, for a very high material removal rate.

Standard type for rotation and percussion. For drilling very hard stones such as granite, basalt, porphyry and also compressed concrete of great hardness.

For metallic and non-metallic materials, marble, plywood, laminated plastic, ceramic surfaces, glass, porcelain and similar. In bright steel.

Max connection Ø 10 mm.

SCU

1334GB



Type		3	4	5	5L	6	6L	8	8L	10	10L	12	12L	14
For bores Ø	mm	3	4	5	5	6	6	8	8	10	10	12	12	14
Overall length	mm	70	85	85	150	100	150	120	200	120	200	150	220	260
1334GB	Each	5,38	6,00	5,96	8,64	5,78	9,32	6,90	11,50	8,28	15,30	13,20	19,90	24,90

For the same type with SDS-plus see Art. 1340 GL.

SPECIAL DRILL TIPS FOR PORCELAIN STONEWARE

Prod. SCU

Diamond-edged type for drilling porcelain stoneware tiles.

If used according to the indications provided, several drills can be made even on hard and more abrasive tiles.

Connection Ø 10mm. Total length 55mm.

SCU

1334GC



For bores Ø	mm	5	6	7	8	10
1334GC	Each	19,40	20,50	21,70	22,80	24,10

For diamond hole saws see Art. 3078 GST-3078GSV.

ASSORTMENTS OF DRILL TIPS

Prod. SCU

Hangable package.

Set of 5 drill bits Art 1331G: 4-5-6-8-10 mm.

SCU

1334GD



1334GD	Each	13,10
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1334GF
1334GL
1334GS
1334GT

SCU



Product description as Art. 1334GD
Set of 4 drill bits Art 1332G: 5-6-8-10 mm.

1334GF Each **10,10**

Product description as Art. 1334GD
Set of 4 drill bits Art 1332GB: 5-6-8-10 mm.

1334GL Each **26,60**

Product description as Art. 1334GD
Set of 4 drill bits Art 1334G: 5-6-8-10 mm.

1334GS Each **40,20**

Product description as Art. 1334GD
Set of 4 drill bits Art 1334GB: 5-6-8-10 mm.

1334GT Each **28,50**

4

1334GTA

SCU



In transparent plastic package.
6 assorted tips Art. 1332 GB 3-4-5-6-8-10 mm.

1334GTA Each **31,90**

1334GTE

SCU



Hangable package.
Assortment of 5 drill tips Art. 1334 GC 4-5-6-8-10mm.

1334GTE Each **112,00**

For assortment diamond hole saws see Art. 3078 GZP-3078GZR

GLASS DRILL BITS

1334GV

SCU



Prod. SCU
HARD METAL spade drill bit. Dressable cutting edge.
Steel shank. To be used with both stationary electric and portable drills.

For bores Ø	mm	3	4	5	6	7	8	9
1334GV	Each	2,96	3,06	3,24	3,42	3,70	3,78	4,22

For bores Ø	mm	10	12
1334GV	Each	4,34	4,58

SPECIAL DRILL TIPS FOR PORCELAIN STONEWARE

1334GZ

SCU



Prod. SCU
Light and handy, it ensures a proper bit cooling during hole drilling by using water or coolant. To be installed on the drill collar. Provided with nozzle adjustable by means of flexible pipe and cock to ensure precision and avoid waste. Equipped with additional air valve to stop the flow, if necessary, without operating the cock.
Especially useful to drill tiles on vertical walls. Necessary when using bits Art. 1334 GC, that require a great cooling capacity.

1334GZ Each **17,40**



DRILL BITS FOR STONES AND WALLS - LONG TYPE

Prod. SCU

With **HARD METAL** tool bit, for rotation and percussion.
 Suitable for stones, concrete, wall, marble and ceramic surfaces.
 Chromatized finish.



1335G



Type		8	8L	10	10L	12	12L	14	14L	16	16L	18
For bores Ø	mm	8	8	10	10	12	12	14	14	16	16	18
Useful length	mm	350	550	350	550	350	550	350	550	350	550	350
Overall length	mm	400	600	400	600	400	600	400	600	400	600	400
Drive Ø	mm	7,3 cyl.	7,3 cyl.	9,3 cyl.	9,3 cyl.	10 hex.	10 hex.	10 hex.	10 hex.	10 hex.	10 hex.	10 hex.
1335G	Each	7,76	12,20	9,82	14,70	11,90	17,20	15,10	19,80	17,10	22,10	20,30
Type		18L	20	20L	22	22L	25	25L	28*	28L*	30*	30L*
For bores Ø	mm	18	20	20	22	22	25	25	28	28	30	30
Useful length	mm	550	350	550	350	550	350	550	350	550	350	550
Overall length	mm	600	400	600	400	600	400	600	400	600	400	600
Drive Ø	mm	10 hex.	12 hex.	12 hex.	12 hex.	12 hex.	12 hex.	12 hex.	12 hex.	12 hex.	12 hex.	12 hex.
1335G	Each	27,80	23,70	30,80	29,10	36,40	36,30	45,70	40,90	49,10	44,10	53,10

Type from 18 to 20L may be used with extension Art. 1336 GT.
 Type from 22 to 30 L may be used with extension Art. 1336 GV.
 * Sizes running out of stock.

EXTENSIONS

Prod. SCU

Extensions for drill bits 1335 G type 18 to 20L. with 10mm hexagonal shank.
 Working length 370mm.



1336GT
1336GV

1336GT Each **47,30**

Product running out of stock.

Extensions for drill bits 1335 G type 22 to 35 with 12mm hexagonal shank and for core bits 1337 GN with shank 1337 GP/1337 GP 1.
 Working length 370 mm.



1336GV Each **48,50**

Product running out of stock.

ROTARY CORE BITS FOR STONES AND WALLS

Prod. SCU

With **HARD METAL** tool bit, for rotation and percussion.
 Suitable for stones, rocks, concrete conglomerates.
 Hole depth: 50mm. Internal thread M16.



1337GN

Core bit only.

Nibblers crown Ø	mm	25	30	35	40	50	68	80
1337GN	Each	30,90	34,50	40,70	46,90	49,30	78,50	78,90
Nibblers crown Ø	mm	90	100					
1337GN	Each	93,70	111,00					



SHANKS FOR CORE BITS

Prod. SCU

Shanks for core bits Art.1337 GN
 Hexagonal shank 12mm. M16 external thread.
 Total length 100 mm.



1337GP

1337GP Each **18,80**



Shanks for core bits Art.1337 GN
 SDS-plus. M16 external thread.
 Total length 110 mm.



1337GR

1337GR Each **21,20**



Product description as Art. 1337GR
 Total length 300 mm.



1337GR 1

1337GR 1 Each **28,20**



PILOT DRILL BITS

Prod. SCU

Pilot drills for core bits Art. 1337 GN
 With **HARD METAL** tool bit. Diameter 9mm. Total length 120mm.



1337GS

1337GS Each **3,84**





REINFORCED CONCRETE DRILL BITS FOR PERCUSSION HAMMERS

1338GBR SCU



TAGLIA SOLO IL TONDINO



Prod. SCU

Very strong HARD METAL tool bits, tightly welded for quick drilling - without breaking - of reinforced-concrete rods up to a diameter of 10mm. To be used when the drill for walls meets the iron reinforcements with risk of break. Not suitable for drilling walls, stones, rocks etc. With hole for the ejection of rod parts jammed inside the drill. Threaded connection suitable for several kinds of percussion hammers through Universal Ratio adaptor Art. 1338 GE - 1338 GK.

For bores Ø	mm	12	14	16	18	20	25	28	30
Useful length	mm	190	190	190	190	190	190	190	190
1338GBR	Each	166,00	166,00	200,00	214,00	218,00	249,00	255,00	270,00

From a diameter of 25 mm drill bits may be used on extensions Art. 1338 GP.

ROTARY CORE BITS FOR PERCUSSION HAMMERS

1338GC SCU



Prod. SCU

Pilot drill bit, with HARD METAL tool bit.
Suitable for walls, concrete conglomerates, stones, rocks and reinforced concrete.
Interchangeable centering pilot drill tip.
Threaded shank suitable for several kinds of percussion hammers through Universal Ratio adaptor Art. 1338 GE.
Core bit total length 105mm.
Core bit with pilot drill bit.

Nibblers crown Ø	mm	40	50	65	80	90	100	125	150
1338GC	Each	143,10	158,10	173,10	203,10	217,10	246,10	319,10	393,10

1338GCA SCU



Product description as Art. 1338GC

Core bit without pilot drill bit.

Nibblers crown Ø	mm	40	50	65	80	90	100	125	150
1338GCA	Each	116,00	131,00	146,00	176,00	190,00	219,00	292,00	366,00

1338GCB SCU



Pilot drill bit, with HARD METAL tool bit.

Ø	mm	12
Length	mm	155
1338GCB	Each	27,10

For extensions see Art. 1338 GP.

NIBBLING HEADS FOR PERCUSSION HAMMERS

1338GDA SCU



Prod. SCU

Pilot drill bit, with HARD METAL inserts.
Excellent performance with little effort. A new drilling technique to obtain deep holes with a large diameter in several kinds of materials such as concrete conglomerates, walls, stones, rocks, marbles, granites, Klinker and reinforced concrete. With threaded bore for pilot drill bit, discharge spiral bit and Universal Ration adaptor Art. 1338 GE.

Head without pilot drill tip.

Nibblers head Ø	mm	35	42	52	65	80	90	100
1338GDA	Each	157,00	184,00	237,00	324,00	349,00	386,00	450,00
Nibblers head Ø	mm	110	125	150				
1338GDA	Each	450,00	649,00	926,00				

1338GDE SCU



DISCHARGE SPIRAL BITS FOR HEADS ART. 1338 GDA

Made of forged and ground steel, with Ratio adaptor.

. Trapezoidal strengthened twist drill for very high material removal rate. Working length 80mm. Total length 115mm.

Spiral bit without pilot drill tip.

spiral Ø	mm	32	47	63	78
For nibbling heads Ø	mm	35 e 42	52 e 65	65 e 80	80 a 150
1338GDE	Each	64,10	91,10	120,00	144,00

Interchangeable threaded screw starting from size with diameter 30mm for Art. 1338 GDE.

OB1338GDE	Each	16,90
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PILOT DRILL BITS FOR HEADS Art. 1338GDA

With **HARD METAL** tool bit. Trapezoidal strengthened twist drill.
Diameter 18mm.

Useful length	mm	50	100
Overall length	mm	125	175
1338GDL	Each	54,70	60,30

For extensions see Art. 1338 GP.

SCU

1338GDL



UNIVERSAL RATIO ADAPTORS

Prod. SCU

For core bits and nibbling heads Art. 1338 GC - 1338 GDA/E/L and extensions Art. 1338 GP.
Universal adaptor to combine Heller tools with threaded **RATIO** shank with the following types of percussion heavy hammers:

Type:
BLACK & DECKER 5045/5050

1338GE 2	Each	39,50
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Product running out of stock.

SCU

1338GE 2



Product description as Art. 1338GE 2
BOSCH 11201 - METABO 1130A - 1126

1338GE 3	Each	39,50
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Product running out of stock.

SCU

1338GE 3



Product description as Art. 1338GE 2
HILTI TE 42/52/60/72/92/54/56/74 - BOSCH GB H5/40- 8/65 DCE - KANGO 430 SM and all models with SDS-Max.

1338GE 4	Each	46,60
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SCU

1338GE 4



Product description as Art. 1338GE 2
HILTI TORNA 765

1338GE 5	Each	39,50
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Product running out of stock.

SCU

1338GE 5



Product description as Art. 1338GE 2
KANGO 500/501/625/627/637/750/430 C - PEUGEOT 25011

1338GE 8	Each	40,90
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Product running out of stock.

SCU

1338GE 8



Product description as Art. 1338GE 2
KANGO 950-978 - HITACHI DH 50 SA - MAKITA ES 19

1338GE 9	Each	40,90
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Product running out of stock.

SCU

1338GE 9



Product description as Art. 1338GE 2
MAKITA 8022B/8035NB/HR 3500 - HITACHI VRY 38 - HITACHI DH28Y - DH38YB - UPAT T1738 - HR 3850/HR 3520 -HITACHI DH 38 YF - DH 40 YB

1338GE 10	Each	40,90
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Product running out of stock.

SCU

1338GE 10



Product description as Art. 1338GE 2
ROCKWELL 602 - SKIL 728/732 - SPIT 350

1338GE 11	Each	39,50
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Product running out of stock.

SCU

1338GE 11



Product description as Art. 1338GE 2
SKIL 726 - MILWAUKEE 5300

1338GE 12	Each	39,50
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Product running out of stock.

SCU

1338GE 12



Product description as Art. 1338GE 2
WACKER EHB/EHUB 10Y - EHB 10/220 - METABO Mh E 105 - IMPEX DS 120

1338GE 17	Each	40,90
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Product running out of stock.

SCU

1338GE 17





1338GE 18 SCU



Product description as Art. 1338GE 2
DUSS P 20/P 28/PN 28S

1338GE 18 Each **40,90**

Product running out of stock.

1338GK 1 SCU



For rotary core bits Art. 1338 GC.
Universal adaptor to combine a.m. bits with the following types of percussion light hammers:
Type:

AEG 2000 PHE 16/20/200 - BLACK+DECKER HD 2016 - BOSCH PBH 14/20 - BOSCH 11205/UBH 4/26SE - BOSCH 11207/UBH 3/20/24E - BOSCH 11210/UBH 2/14/20SE - BOSCH 11211/UBH 4/26SE - HILTI TE 12/TE17/TE22 - KANGO 327/422 - MAKITA HR 1600 - METABO 1115 S/ BHE 6020S - UPAT MARTO RW 12 - UPAT PLUS T1716E - WUERTH H16 - KRESS and all models with SDS-plus.

1338GK 1 Each **46,60**

1338GK 11 SCU



Product description as Art. 1338GK 1
BOSCH 11205/UHB 4/26 - 2DS

1338GK 11 Each **40,90**

Product running out of stock.

RATIO EXTENSIONS

1338GP SCU



Prod. SCU

Suitable for core bits and nibbling heads Art. 1338 GC - 1338 GDA/E/L.

Useful length mm 280
Overall length mm 320

1338GP Each **102,00**

DRILL BITS FOR PERCUSSION HAMMERS

1339GU SCU



Prod. SCU

With HARD METAL strengthened tool bit and 4 cutting edges.

Strengthened twist drill with double spiral. Heavy-duty ground and hardened shank.

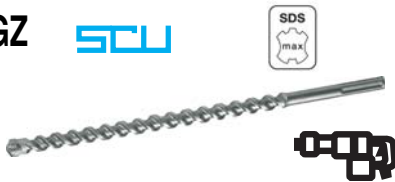
Suitable for drilling concrete conglomerates, walls, stones and rocks.

For percussion hammers with hexagonal 13mm. chuck such as: MAKITA and HITACHI and also for kinds of hammers with similar connection.

Type	16A	16B	18	18A	20	20A	22A	24A	25	25A	28A	30A	32A
For bores Ø	mm 16	16	18	18	20	20	22	24	25	25	28	30	32
Useful length	mm 260	420	270	420	270	420	420	420	270	420	420	420	420
Overall length	mm 400	550	400	550	400	550	550	550	400	550	550	550	550
1339GU	Each 26,90	30,20	27,30	31,10	28,30	31,80	34,10	34,80	30,60	40,40	45,30	54,20	57,40

Product running out of stock.

1339GZ SCU



With HARD METAL strengthened tool bit and 4 cutting edges. Peculiar shaping for the highest penetration rate and long life (except for 12 mm - 12A - 12B - 14 - 14A - 15 - 15A). Strengthened twist drill for very good material removal. Ground and forged shank.

Suitable for drilling concrete conglomerates, walls, stones and rocks.

For percussion hammers with SDS-max, BOSCH, HILTI, MARTO clutch and also for other kinds of hammers with similar connection.

Type	12	12A	12B	14	14A	15	15A	16	16A	16B	18	18A	18B	19*	20
For bores Ø	mm 12	12	12	14	14	15	15	16	16	16	18	18	18	19	20
Useful length	mm 200	400	550	200	400	200	400	200	400	800	200	400	800	200	200
Overall length	mm 340	540	690	340	540	340	540	340	540	920	340	540	940	340	320
1339GZ	Each 29,80	32,60	77,70	41,20	34,20	28,30	48,50	45,10	56,10	108,00	46,30	58,10	104,00	78,10	48,30

Type	20A	20B	22	22A	22B	24	24A	25	25A	25B	26	28*	28A	28B	30A
For bores Ø	mm 20	20	22	22	22	24	24	25	25	25	26	28	28	28	30
Useful length	mm 400	800	200	400	800	200	400	200	400	800	200	250	400	600	360
Overall length	mm 520	920	320	520	920	320	520	320	520	920	320	370	520	720	520
1339GZ	Each 61,70	82,30	51,50	60,10	83,70	50,20	64,70	56,60	65,30	98,80	109,00	67,20	83,40	120,00	101,00

Type	32A	32B	35A	35B	38*	38A	40A	40B	45A
For bores Ø	mm 32	32	35	35	38	38	40	40	45
Useful length	mm 450	800	360	550	250	360	360	800	360
Overall length	mm 520	920	520	670	370	520	520	920	520
1339GZ	Each 109,00	151,00	122,00	169,00	107,00	143,00	172,00	218,00	211,00

* Sizes running out of stock.



DRILL BITS FOR SDS-PLUS PERCUSSION HAMMERS

Prod. SCU

To be directly inserted in the following types of percussion hammers:

AEG PHE 200, B&D HD 2016, Bosch UBH 3/16, Bosch UBH 3/20 SE, Bosch 3/16 E, UBH 2/14 SE, Hilti TE 12 (up to a diameter of 16mm), Hilti TE 14 17/22, Hitachi VRV 16/VRT 22, and also on those with SDS-plus splined chuck. Adaptable to any other kind of hammer with splined chuck through adaptors Art.1340 GR1/9. For drilling concrete conglomerates, walls, stones, rocks, Klinker and reinforced concrete.

With HARD METAL tool bit, high biting power and strengthened trapezoidal twist drill for good material removal.



1340G



Type		4	4A	5	5A	5B	5,5	5,5A	6	6A	6B	6C	6D	6,5	6,5A	6,5B
Ø	mm	4	4	5	5	5	5,5	5,5	6	6	6	6	6	6,5	6,5	6,5
Useful length	mm	50	100	50	100	150	50	100	50	100	150	200	380	50	100	150
Overall length	mm	110	160	110	160	210	110	160	110	160	200	250	460	110	160	210
1340G	Each	3,88	6,28	2,64	3,52	4,40	3,34	3,34	2,86	3,28	4,72	6,76	12,50	3,70	3,94	7,04
Type		7	7A	7B	8	8A	8B	8C	8D	8E	8F	9	9A	10	10A	10B
Ø	mm	7	7	7	8	8	8	8	8	8	8	9	9	10	10	10
Useful length	mm	50	100	150	50	100	150	200	250	400	550	100	150	50	100	150
Overall length	mm	110	160	210	110	160	210	260	310	460	600	160	210	110	160	210
1340G	Each	3,32	4,26	6,52	3,18	3,70	4,40	5,82	7,76	11,50	22,50	4,94	5,26	3,84	4,06	6,56
Type		10C	10D	10DD	10E	10F	10H	11A	11B	11C	12	12A	12B	12BB	12C	12D
Ø	mm	10	10	10	10	10	10	11	11	11	12	12	12	12	12	12
Useful length	mm	200	250	300	400	550	950	100	150	200	100	150	200	250	400	550
Overall length	mm	260	310	360	460	600	1000	160	210	260	160	210	260	310	450	600
1340G	Each	7,12	7,12	13,30	11,50	19,60	51,30	8,00	9,52	7,92	5,22	6,76	7,96	7,36	10,10	19,70
Type		12E	13	13A	14	14A	14AA	14B	14C	14D	14E	15	15A	016	16	16AO
Ø	mm	12	13	13	14	14	14	14	14	14	14	15	15	16	16	16
Useful length	mm	950	100	200	100	150	200	250	400	550	950	150	200	100	150	170
Overall length	mm	1000	150	250	160	200	250	300	450	600	1000	200	250	160	200	230
1340G	Each	56,10	7,30	9,26	7,30	8,18	8,88	9,30	16,60	20,40	59,80	10,40	10,40	11,50	11,70	13,70
Type		16A	16B	16C	16D	16E	18	18A	18AO	18B	18C	18E	19	19A	20	20A
Ø	mm	16	16	16	16	16	18	18	18	18	18	18	19	19	20	20
Useful length	mm	250	400	550	750	950	150	250	200	400	550	950	150	400	150	250
Overall length	mm	300	450	600	800	1000	200	300	250	450	600	1000	200	450	200	300
1340G	Each	12,80	15,70	22,30	35,90	63,90	14,10	16,70	19,30	21,90	35,10	77,50	20,80	25,50	17,10	20,10
Type		20B	20C	20D	22	22A	22B	22E	24	24A	25	O25A	25A	25E	26	26A
Ø	mm	20	20	20	22	22	22	22	24	24	25	25	25	25	26	26
Useful length	mm	400	550	950	200	400	550	950	200	400	200	250	400	950	200	400
Overall length	mm	450	600	1000	250	450	600	1000	250	450	250	300	450	1000	250	450
1340G	Each	25,40	33,10	81,20	25,20	28,50	40,90	81,70	31,20	35,20	28,20	33,80	33,40	97,60	33,10	36,70

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To be directly inserted in the following types of percussion hammers:

AEG PHE 200, B&D HD 2016, Bosch UBH 3/16, Bosch UBH 3/20 SE, Bosch 3/16 E, UBH 2/14 SE, Hilti TE 12 (up to a diameter of 16mm), Hilti TE 14 17/22, Hitachi VRV 16/VRT 22, and also on those with SDS-plus splined chuck.

Adaptable to any other kind of hammer with splined chuck through adaptors Art.1340 GR1/9. For drilling concrete conglomerates, walls, stones and rocks.

Strengthened HARD METAL tool bit with 4 cutting edges, peculiar shaping for the highest penetration rate and long life. Ground and forged shank. Strengthened trapezoidal twist drill for good material removal.



1340GE



Type		4	5	5A	6	6A	6B	6,5B	8	8A	8B	9	9A	10	10A	10B
Ø	mm	4	5	5	6	6	6	6,5	8	8	8	9	9	10	10	10
Useful length	mm	50	50	100	50	110	150	150	50	110	150	110	150	50	110	150
Overall length	mm	110	110	160	110	160	210	210	110	160	210	160	210	110	160	210
1340GE	Each	2,64	2,64	3,34	2,80	3,44	4,22	4,76	3,34	4,02	4,76	6,24	6,60	4,02	5,28	5,44
Type		10C	12	12A	12B	12C	14	14A	14B	14C	0016	016	16	018	18	18A
Ø	mm	10	12	12	12	12	14	14	14	14	16	16	16	18	18	18
Useful length	mm	200	110	150	200	400	110	160	260	400	150	260	400	150	250	400
Overall length	mm	260	160	210	260	450	160	210	310	450	210	310	450	200	300	450
1340GE	Each	6,60	6,14	6,88	8,24	12,50	8,14	9,36	14,60	20,10	14,60	17,50	18,50	17,30	21,20	29,10
Type		020	20	20A	022	22	25									
Ø	mm	20	20	20	22	22	25									
Useful length	mm	150	250	400	200	400	400									
Overall length	mm	200	300	450	250	450	450									
1340GE	Each	21,90	27,90	37,10	30,50	46,30	47,70									



UNIVERSAL DRILL BITS FOR SDS-PLUS PERCUSSION HAMMERS

1340GL



Prod. SCU

With HARD METAL strengthened tool bit and diamond-shaped cutting edges. Strengthened trapezoidal twist drill for good material removal. Universal type, for rotation and percussion.

For drilling very hard stones such as granite, basalt, porphyry and also compressed concrete of great hardness. For metallic and non-metallic materials: marble, plywood, laminated plastic, ceramic surfaces, glass, porcelain and similar.

In bright steel. Connection features: see Art. 1340 G.

Type		6	8	10	12	14A*
Ø	mm	6	8	10	12	14
Useful length	mm	100	100	100	100	200
Overall length	mm	160	160	160	160	260
1340GL	Each	7,36	9,00	10,70	11,60	22,20

* Size running out of stock.

ADAPTORS FOR SDS-PLUS BITS

1340GR 9



Prod. SCU

In special high-quality steel. Divided into two parts for a good transmission of percussion . With rubber protection.

For percussion hammers with SDS-MAX chuck, BOSCH, HILTI connection system and also for other types having the same system.

1340GR 9	Each	83,70
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1340GR 15

new



In high quality special steel. With spring ring nut for easy replacement of the SDS-plus bits.

For electric and pneumatic screwdrivers with 1/2" square drive. Used with the Art. 1995 GL, the screwdriver for sockets becomes a bit screwdriver from 1/4" C 6.3.

1340GR 15	Each	37,10
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Available on request SDS-plus drill chucks for drills with threaded drive 1/2" x 20.

SDS-PLUS ADAPTORS FOR CHUCKS

1340GR 22



Prod. SCU

In special high-quality steel, this adaptor allows the fitting of chucks in hammers with SDS-plus. Threaded shank 1/2" x 20 UNF and screw clamp for chucks with left/right rotation.

1340GR 22	Each	13,10
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SDS-plus adaptors for bits with 1/4" connection DIN 3126 C 6,3 see Art. 1995 GL.

DIAMOND-COATED NIBBLING CROWN WHEELS

1345GA



Orig. Sonnenflex - Art. Dosensenker

Laser welded diamond segment model which produces high strength and high levels of performance. Can be used with all types of drills. For drilling dry (rot) concrete, brick walls etc. Total crown length of 90 mm. M16 interior thread.

Nibblers crown Ø	mm	68	82
Segment height	mm	7	7
1345GA	Each	80,50	97,30

SHANKS FOR CORE BITS

1345GB



Orig. Sonnenflex

Fittings in accordance with Art. 1345 GA. 12 mm hex shank. M 16 exterior thread. Total length 100mm.

1345GB	Each	24,30
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1345GC



Fittings in accordance with Art. 1345 GA. SDS plus. M 16 exterior thread. Total length 100mm.

1345GC	Each	24,30
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PILOT DRILL BITS

Orig. Sonnenflex

Guide tips for crowns in accordance with Art. 1345 GA.
With HARD METAL plaque.
7 mm diameter. Total length 220 mm.

1345GE Each **9,58**



1345GE



DIAMOND-COATED CORE DRILLS

Prod. SCU

Segment-type with sintered diamond powder (cores). For DRY drilling of walls, floors, ceiling, etc.
With side discharge for easier ejection of waste parts and better cooling. To be used with perforators Art. 1352 G. 1/2" BSP external threaded connection.

Ø	mm	32	44	53	63	71	83
Overall length	mm	300	300	300	300	300	300
1350GA	Each	209,00	232,00	255,00	278,00	302,00	348,00



1350GA



DIAMANTATA

Segment-type with sintered diamond powder (cores). For WET drilling of walls, floors, ceilings, etc. To be used with perforators Art. 1352 G. 1/2" BSP external threaded connection.

Ø	mm	12	18	26	32	44	53	63	71	83
Overall length	mm	120	220	320	320	320	320	320	320	320
1350GB	Each	105,00	123,00	151,00	174,00	209,00	232,00	255,00	302,00	371,00



1350GB



DIAMANTATA

Extensions for drill bits Art. 1350 GA - B.
To be used with perforators Art. 1352 G.

Overall length	mm	200	260
Ø	mm	30	30
1351G	Each	173,00	273,00



1351G



ELECTRIC CORING BURS FOR DIAMOND-COATED CROWN DRILLS

Prod. SCU

Handy electric perforator for diamond crown wheels Art. 1350 GA-B, extensions Art. 1351 G and all crown wheels with 1/2" BSP external threaded connection and 1.1/4" UNC internal threaded connection. Equipped with anti-vibration system and progressive start-up device for drilling without damaging perforated surfaces. With double handle, one of which adjustable and rest on breast for stronger horizontal thrust. For drilling concrete up to Ø 83mm.
With rubber-holder tap and rubber pipe length approx. 2.5mm to let chuck water pass through in case of drilling in damp or humid areas.
1/2" BSP internal threaded connection. 1.1/4" UNC external threaded connection.
Double speed from 0 to 950 / 0 to 2100 rpm.
Monophase engine 230 V, absorbed power 1500 W. Weight 7.5 kg.

1352G Each **1.480,00**



1352G



VALVE GRINDER MACHINES

Orig. Gedore - Art. 653

Type for grinding valve seats, cocks and gears.
With left/right rotation movement, for hand use.
Wooden handgrip. Supplied with 1 rubber suction cup with a diameter of 25mm.

1378G Each **8,90**

Spare suckers for Art. 1378 G.

Ø	mm	20	25	30	37
O1378G	Each	3,06	3,18	3,96	4,78



1378G



VALVE GRINDER MACHINES

Orig. Gedore - Art. 654

Type for grinding valve seats, cocks and gears. With left/right automatic movement, for electric drill use. Supplied with 4 rubber suction cups with a diameter of 20 - 25 - 30 - 37mm.
Connection diameter 8mm, length 135mm.

1380G Each **258,00**



1380G



For spare suckers see Art. O1378 G x 20 - 25 - 30 - 37.

NEW!

NEW ITEMS GROUP 5

BUCO



1415R

Set of extractors for plugs with internal thread
▶ P. 413

BUCO



1421GAP

Self-centering universal mini-extractors, made of special steel
▶ P. 416

GEDORE



1444GL

Set of fork extractors, in special steel, hardened
▶ P. 437



1457

Flexible extractors for gland packing
▶ P. 441

1457A

Set of flexible extractors for gland packing
▶ P. 441

1457E

Gland packing cutter in aluminum profile, knife with stainless steel blades
▶ P. 441



INTEGRATIONS

Prices, technical information, images, stock and weight are available in formats that allow distributors and end users to integrate data and content of Sicutool into their ERP and e-shop.



All items are in sequence. It's very easy to find them!



Extractors for broken screws

From **1404GA**
To **1409G**



Nut splitters and screw and stud extractors

From **1411A**
To **1413GH**



Extractors for bearings
Internal race extractors and accessories

From **1413GP**
To **1419GE**



Specific extractors
Universal extractors
Separators
Coil spring compressors

From **1420G**
To **1455GB**



Stuffing box tools

From **1457**
To **1457E**



EXTRACTORS FOR BROKEN TAPS

1404GA **SCU**



Prod. SCU

Suitable for extracting any kind of broken screw tap inside the piece during screw-cutting. The choice of the extractor to use depends on the kind of tap to remove according to diameter and number of discharge slots.

The extraction is carried out with movements of the tap wrench mounted on the square connection of the tool.

LOOSE EXTRACTORS

Suitable for double-slot taps.

For taps Ø	mm	3	4	5	6	8	10	12
For taps Ø	inch	1/8	5/32	3/16	1/4	5/16	3/8	1/2
Size		0	1	2	3	4	5	6
1404GA	Each	12,40	12,40	12,40	12,40	12,40	14,40	14,40
For taps Ø	mm	14	16	20	22	24		
For taps Ø	inch	9/16	5/8	3/4	7/8	1		
Size		7	8	9	10	11		
1404GA	Each	14,40	19,20	19,20	19,20	30,30		

1404GB **SCU**



Product description as Art. 1404GA

LOOSE EXTRACTORS

Suitable for triple-slot taps.

For taps Ø	mm	3	4	5	6	8	10	12
For taps Ø	inch	1/8	5/32	3/16	1/4	5/16	3/8	1/2
Size		0	1	2	3	4	5	6
1404GB	Each	12,40	12,40	12,40	12,40	12,40	14,40	14,40
For taps Ø	mm	14	16	20	22	24		
For taps Ø	inch	9/16	5/8	3/4	7/8	1		
Size		7	8	9	10	11		
1404GB	Each	14,40	19,20	19,20	19,20	30,30		

1404GC **SCU**



Product description as Art. 1404GA

LOOSE EXTRACTORS

Suitable for quadruple-slot taps.

For taps Ø	mm	6	8	10	12	14	16	20	22	24
For taps Ø	inch	1/4	5/16	3/8	1/2	9/16	5/8	3/4	7/8	1
Size		3	4	5	6	7	8	9	10	11
1404GC	Each	12,40	12,40	14,40	14,40	14,40	19,20	19,20	19,20	30,30

EXTRACTORS FOR BROKEN TAPS IN SET

1405G 1 **SCU**
1405G 2



Prod. SCU

Suitable for extracting any kind of broken screw tap inside the piece during screw-cutting. The choice of the extractor to use depends on the kind of screw tap to remove according to diameter and number of splines. The extraction is carried out with movements of the tap wrench mounted on the square connection of the tool.

Suitable for taps with 3 - 4 splines.

The set is composed of:

1404 GB 4-5-6-8

1404 GC 10-12.

1405G 1 Series **81,60**

Product description as Art. 1405G 1

The set is composed of:

1404 GB 5-6-8

1404 GC 10-12-14-16-20-22.

1405G 2 Series **143,00**

EXTRACTORS FOR BROKEN SCREWS

1405GA **SCU**



Prod. SCU

Reversible type enbloc, with one end pointed and the other with extractor. Suitable for extracting broken or headless screws even made of stainless steel.

. Use with left/right rotation electric drills.

For screws	M.	3	4	5
Overall length	mm	29	32	35
1405GA	Each	29,90	30,70	31,60

1405GB **SCU**



Two-piece combination of bit/extractor ring. Suitable for extracting - in one action - broken or headless screws, even made of stainless steel.

Use with left/right rotation electric drills.

Max. drilling depth: 12mm. Hexagonal shank.

For screws	M.	6	8	10	12
Overall length	mm	28	32	36	40
1405GB	Each	37,80	41,30	43,90	52,70



EXTRACTORS FOR BROKEN SCREWS IN SET

Prod. SCU

Handy case containing 4 pieces (Art.1405 GE-F) and 7 pieces (Art. 1405 GH).
Set of Extractors Art. 1405 GA x 3-4-5-6.

1405GE Each **115,00**

Product description as Art. 1405GE

Set of Extractors Art.1405 GB x 6-8-10-12.

1405GF Each **141,00**

Product description as Art. 1405GE

Set of Extractors Art. 1405 GA x 3-4-5-6 - 1405 GB x 8-10-12.

1405GH Each **228,00**

Art. 1405GA 6 is available only in set.
Art. 1406GB 6 is sold individually.



1405GE
1405GF
1405GH

SCREW EXTRACTORS IN SET

Orig. Schröder

Set of extractors Art.1407 G.

In case.

Art.	1406G 5	1406G 6	1406G 8
For screws Ø	M. 3-18	3-24	3-45
Number of extractors	5	6	8
Supplier code	4.605.4	4.606.4	4.608.0
Series	13,80	19,10	39,30



1406G 5
1406G 6
1406G 8

5

SCREW EXTRACTORS

Orig. Schröder

In chrome-vanadium steel. Suitable for extracting broken or headless screws.
Left self-biting thread.

Size	1	2	3	4	5	6	7	8
Overall length	mm 50	57	64	71	79	85	92	100
Helical bit for pre-bore Ø	mm 1,8	3,2	4,5	6,5	8,5	12	15,3	20
For screws Ø	M. 4	5-7	8-10	11-14	16-18	18-24	24-33	33-45
Maximum use torque	Nm 2,2	10	23	70	150	250	-	-
Supplier code	4.501.0	4.502.0	4.503.0	4.504.0	4.505.0	4.506.0	4.507.0	4.508.0
1407G	Each 1,60	1,60	1,92	2,38	3,08	4,76	7,54	11,10



1407G

SCREW EXTRACTORS IN SET

Orig. Schröder

Composed of high-performance extractors Art.1408 GS.

In case.

Art.	1408GL	1408GP
For screws Ø	M. 4-20	4-24
Number of extractors	5	6
Supplier code	4.615.4	4.616.4
Series	18,90	26,30



1408GL
1408GP

Orig. Schröder - Art. 9416

Set of 4 pullers Art. 1408 GS Gr. 1 to 4
1 tap wrench with ratchet Art. 9492G 2
2 tap wrenches with hexagonal connection 1/4 "
1 magnetic connection length 112 mm hexagonal shank 1/4 ".

1408GR Series **81,70**



1408GR



SCREW EXTRACTORS

1408GS



Orig. Schröder

In chrome-vanadium steel. High-performance tool. The peculiar shape of the thread allows the operator to reduce the extraction effort, even in case of very hard and strong materials. Left self-biting thread.

Size		1	2	3	4	5	6
Overall length	mm	49	54	59	65	69	77
Helical bit for pre-bore Ø	mm	1,8	3,2	4,5	6,5	8,5	12
For screws Ø	M.	3-6	6-8	8-11	11-14	14-18	18-24
Maximum use torque	Nm	2,2	10	23	70	150	250
Supplier code		4.511.0	4.512.0	4.513.0	4.514.0	4.515.0	4.516.0
1408GS	Each	2,16	2,22	2,62	3,18	4,12	6,92

SCREW EXTRACTORS IN SET

1408GT



Prod. SCU

Set of extractors Art.1408 GV.
In plastic package.

For screws Ø M. 5-20
Number of extractors 5

1408GT	Series	58,60
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SCREW EXTRACTORS

1408GV



Prod. SCU

In chrome-vanadium hardened steel. Burnished. Bright cutting edges. Suitable for extracting broken screws or taps with left or right thread. Use with hammer to insert the extractor in the screw or in the screw tap to remove. The extraction is carried out through the hexagonal tool head.

Size		1	2	3	4	5	6	7
Overall length	mm	59	66	73	80	87	96	108
For screws Ø	M.	5-6	8-10	10-12	12-16	16-20	20-24	30
Hexagonal head	mm	6,35 (1/4")	9,5 (3/8")	12,7 (1/2")	15,9 (5/8")	19 (3/4")	22 (7/8")	25,4 (1")
1408GV	Each	8,96	8,96	10,90	11,80	15,80	24,40	29,30

SCREWS AND NUTS EXTRACTORS IN SET

1409G



Orig. Carolus - Art. 5199.0010/R68003010

Set of 9 sockets in chrome-molybdenum steel with special opening to remove screws and nuts with damaged head.

Square drive 1/2", opening mm 10-11-12-13-14-15-16- 17-19.
With one punch.

1409G	Series	132,00
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When stocks last, the same article marked Gedore red will be provided

NUT SPLITTERS

1411A



Orig. Gedore

For splitting nuts that cannot be unscrewed.
CHROME-VANADIUM steel body and special steel cutting edges, hardened.
Closed ring type.

Size		2	3	4
For nuts opening up to	mm	17	24	36
For nuts opening up to	M.	10	16	24
Supplier code		1.26/1	1.26/2	1.26/3
1411A	Each	90,20	94,60	123,00

1411G



Orig. BUCO - Art. 220

For splitting nuts that cannot be unscrewed.
Body and blade made of special hardened steel. Closed ring type.

Size		1	2	3	4
For nuts opening	mm	4 - 10	10 - 18	18 - 27	27 - 36
For nuts threading	M.	2 - 6	6 - 10	10 - 18	18 - 24
1411G	Each	74,10	86,30	92,20	118,00



Orig. Gedore - Art. 1.26/1HYD

Hydraulic type.

For splitting nuts up to class 10.

Forged steel body and hardened steel cutting edges, interchangeable, with special sharpening to reduce stress and increase tool life.

Open type, with straight cutting chisel.

For nuts opening	mm	7 - 22
For nuts threading	M.	4 - 14
Pressure	t.	5

1411GTA Each **281,00**



1411GTA



Orig. Buco - Art. 221/1

Hydraulic type.

Tool to split nuts up to class 10.

Forged steel body, hardened special steel cutting edges, interchangeable.

Open type, with straight cutting chisel.

For nuts opening	mm	7 - 22
For nuts threading	M.	4 - 14
Pressure	t.	5

1411GV Each **250,00**



1411GV



Spare cutting-edge for Art. 1411 GV.

O1411GV Each **51,70**

Orig. Gedore - Art. 1.26/2HYD

Hydraulic type.

For splitting large-sized nuts up to class 10.

Forged steel body and hardened steel cutting edges, interchangeable, with special sharpening to reduce stress and increase tool life.

Open type, with 90° cutting chisel suitable for narrow spaces.

For nuts opening	mm	22 - 36
For nuts threading	M.	14 - 24
Pressure	t.	13

1411GVA Each **445,00**



1411GVA



Orig. Buco - Art. 221/2

Hydraulic type.

Tool to split large-sized nuts, up to class 10.

Forged steel body, hardened special steel cutting edges, interchangeable.

Open type.

For nuts opening	mm	22 - 36
For nuts threading	M.	14 - 24
Pressure	t.	13

1411GZ Each **711,00**



1411GZ



Spare cutting-edge for Art. 1411 GZ.

O1411GZ Each **114,00**

SCREW AND STUD EXTRACTORS

Orig. Gedore - Art. 1.28/4

Rotating type. CHROME-VANADIUM steel, with phosphate-coated inserts.

For extracting studs, with right/left screwing, even with reduced protrusion. External hexagonal connection. Chrome-plated finish.

For screws and studs 5-26mm.

1412A Each **120,00**



1412A



Orig. Buco - Art. 74

Rotating type. In forged and hardened steel.

Tool to extract studs, with left/right screwing, even with reduced protrusion. External hexagonal connection. Chrome-plated finish.

For screws and studs from 4 to 19 mm.

1412GE Each **112,00**



1412GE



Spare knurled eccentric for Art. 1412 GE.

O1412GE Each **30,10**

**1413A GEDORE****Orig. Gedore**

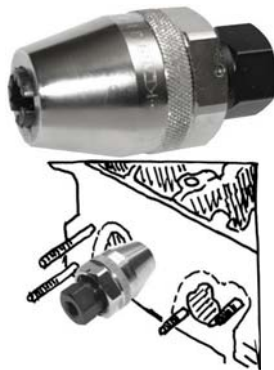
Rotating type, small size. Forged and hardened heavy-duty steel. For extracting studs, with right/left screwing, even with small dimensions. External hexagonal connection. Nickel-plated finish.

Size		1	2	3
For screws and studs by	mm	6-13	8-19	19-25
Supplier code		1.28/1	1.28/2	1.28/3
1413A	Each	61,70	72,60	88,80

1413G**BUCO****Orig. Buco - Art. 71**

Rotating type, small size. Forged and hardened heavy-duty steel. For extracting studs, with right/left screwing, even with small dimensions. External hexagonal connection. Nickel-plated finish.

Size		1	2	3
For screws and studs by	mm	4-13	8-19	17-28
1413G	Each	60,20	70,80	87,90

1413GE GEDORE**Orig. Klann - Art. KL-0181-1**

Continuous control type, heavy duty body made of chromium plated steel, toothed grabs in hardened resistant special steel.

Suitable for screwing/unscrewing screws and studs even with reduced protrusion. Jaw connection control: square inch 3/8" or hexagonal opening 24 mm.

Extractor hexagon opening 36 mm.

For screws and studs by	mm	6-12
1413GE	Each	165,00

1413GF SCU**Prod. SCU**

Roller model made from special steel, chrome plated.

Can unscrew and screw studs with small dimensions.

For studs Ø	mm	6	8	10	12
Square int. drive	inch	3/8	3/8	1/2	1/2
Body Ø	mm	24	24	28	28
Overall length	mm	45	45	50	50
1413GF	Each	31,70	31,70	31,70	31,70

1413GH SCU

Assortment of 4 stud extractors Ø 6-8-10-12 mm square drive 1/2".

In convenient packaging.

1413GH	Each	91,70
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EXTRACTORS FOR BEARINGS**1413GP BUCO****Orig. Buco - Art. 56**

Alloy steel body. 3 special steel jaws. Suitable for extracting sockets and inner rings. Diameter: from 5 to 32mm. Length 135mm. Suitable for electric motors, dynamos etc.

1413GP	Each	257,00
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DOUBLE-GRIP EXPANDERS

Orig. Gedore

Two-jaws type for extracting ball bearings.
 Forged and hardened steel.
 To be used inside the bearing ring. The heavy-duty body and the huge expanding strength ensure the extraction even of stubborn bearings.
 To be used with Art. 1415 A 1-2-3 and 1415 GN 1-2.

Size	01	0	1	2	3	3A	4
Expansion by mm	5-8	8-12	12-15	15-19	19-25	25-30	30-35
Supplier code	1.30/0	1.30/1	1.30/2	1.30/3	1.30/4	1.30/4A	1.30/5
1414B Each	67,70	68,10	69,70	72,70	74,80	77,50	94,80

Size	5	6	7	8
Expansion by mm	35-45	45-55	55-70	70-100
Supplier code	1.30/6	1.30/7	1.30/8	1.30/9
1414B Each	107,00	137,00	177,00	270,00



1414B



Four-jaws type with particularly thin edges for easier extraction of ball bearings, rings, bushings, etc.

Hardened special steel, TIN-coated, hard jaw surface, more resistant to abrasion and oxidation.
 To be used inside the bearing ring. To be used with Art. 1415 A 1 and 1415 GN 0.

Size	1	2	3	4
Expansion by mm	5-8,5	8-15	15-25	25-36
Supplier code	1.34/1	1.34/2	1.34/3	1.34/4
1414E Each	105,00	110,00	117,00	127,00



1414E



TIN

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Orig. Buco - Art. 50

Two-jaw type to extract ball bearings.
 Zinc-chrome finish. In forged and hardened steel.
 To be used inside the bearing ring. The heavy-duty and strong body together with the huge expanding strength ensure the extraction even of stubborn bearings.
 To be used with 1415 G 1-2-3 and 1415 GP-S-T.

Size	02	01	0	1	2	3	3A
Expansion by mm	5-6	6-8	8-12	12-16	16-20	20-27	24-30
1414G Each	65,70	61,30	63,70	63,70	67,10	68,70	77,70

Size	4	5	6	7
Expansion by mm	27-36	36-46	46-58	58-70
1414G Each	80,80	99,10	128,00	165,00

Size 02 and 01 are running out of stock.
 Alternative for measures 02 and 01: Art. 1414 GE 1 and 2.



1414G



Orig. Buco - Art. 50N

Two-jaw type to extract roller bearings.
 Zinc-chrome finish. In forged and hardened steel.
 . The heavy-duty and strong body together with the huge expanding strength ensure the extraction even of stubborn bearings.

Size	4
Expansion by mm	16.5-18.5
1414GA Each	112,00

Product running out of stock.



1414GA



Orig. Gedore

Two-jaws type for extracting roller bearings.
 Forged and hardened steel.
 The heavy-duty body and the huge expanding strength ensure the extraction even of stubborn bearings. To be used with Art. 1415 A 1 and 1415 GN 1-2.

Size	2	3
Expansion by mm	12-14	14-19
Supplier code	1.30/2N	1.30/3N
1414GC Each	71,10	73,90



1414GC





MULTIPLE-GRIP EXPANDERS

1414GE



Orig. Buco - Art. 53

Multiple-grip type, with uniform expanding body to ensure easy extraction of ball bearings. Burnished finish. In forged and hardened steel.

To be used inside the bearing ring. The heavy-duty and strong body together with the huge expanding strength ensure the extraction even of stubborn bearings.

To be used with Art. 1415G 1-2-3 e 1415 GP-S-T.

Size		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Expansion by	mm	5-7	7-9	9-12	10-13	13-17	14-19	16-21	18-23	20-25	25-30	30-37	35-42	38-45	43-50	45-55	50-60
Jaw pliers	No.	2	2	2	2	4	4	4	4	4	4	4	4	4	4	6	6
1414GE	Each	67,70	67,70	67,70	67,70	55,80	56,70	57,70	71,30	73,90	76,60	90,40	106,00	106,00	115,00	138,00	160,00

GREAT CAPACITY EXPANDERS.

1414GH



Orig. Gedore - Art. 1.30/10

Three-jaws type. Forged and hardened steel. Suitable for extracting, with inner grip, large bearings, large rings with reduced thickness and cylinder liners.

To be used with Art. 1415 GE.

For bores Ø by mm 60-160

Weight Kg 2,45

1414GH	Each	509,00
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DOUBLE-GRIP EXTRACTORS FOR EXPANDERS

1415A



Orig. Gedore

Forged steel. Screw for expanders with internal/external thread.

To be used with Art. 1414 B - 1414 E - 1414 GC.

Size	1	2	3
For expanders Art.	1414 B 01 to 4 1414 E 1 to 4 1414 GC 2 and 3	1414 B 5 to 7	1414 B 8
Supplier code	1.36/1	1.36/2	1.36/3
1415A	Each	65,50	97,40
		191,00	

1415G



Orig. Buco - Art. 55

Zinc-chrome finish. Forged steel arms. Screw for expanders with internal/external thread.

To be used together with Art. 1414 G, 1414 GA e 1414 GE.

Size	1	2	3
For expanders Art. 1414G-GA	mm 5-27	24-70	27-70
For expanders Art. 1414E	mm 5-25	5-50	45-60
1415G	Each	63,90	95,40
		171,00	

When stocks last, size 3 will become similar to Art. 1415 GE.

1415GE



Orig. Gedore - Art. 1.36/4

To be used together with expander Art. 1414 GH to be screwed on to central pin.

Hot-stamped steel.

Wide range of adjustments of the arm supports with rigid vertical positioning.

Weight 7.7Kg.

1415GE	Each	271,00
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PERCUSSORS WITH SLIDING HEAD

Orig. Gedore

By repeatedly striking the head against the end of the slide bar, the operator easily releases and removes the bearing.

Size	0	1	1A	2
For expanders Art.	1414 E 1 to 4	1414 B 01 to 4 - 1414 E 1 to 4 - 1414 GC 2 and 3	1414 B 01 to 6	1414 B 01 to 8 - 1414 GC 2 and 3
Hammer weight	grams 200	200	700	1700
Weight	grams 400	450	950	3000
Overall length	mm 225	270	275	510
Threaded drive	M 10	M 10	M 10 / MF 14x1,5	M 10 / MF 14x1,5
Supplier code	1.35/0	1.35/1	1.35/1A	1.35/2
1415GN	Each 33,30	38,60	135,00	144,00



1415GN



Orig. Buco - Art. 54/1

By repeatedly striking the head against the end of the slide bar, the operator easily releases and removes the bearing.

For expanders Art. 1414 G x 02 to 3/1414 GA x 1 to 6/1414 GE x 1 to 7.

1415GP	Each 45,20
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Orig. Buco - Art. 54/2

Product description as Art. 1415GP

For expanders Art. 1414 G x 3A to 5/1414 GE x 8 to 14.

1415GS	Each 95,30
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Orig. Buco - Art. 54/3

Product description as Art. 1415GP

For expanders Art. 1414 G x 6 and 7/1414 GE x 15 and 16.

1415GT	Each 157,00
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1415GP
1415GS
1415GT



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SET OF PLUG EXTRACTORS

Orig. Buco - Art. 54/66

Extractor set for pieces with internal thread (plugs with threaded hole) supplied with a sliding swing pin which allows complete extraction.

Complete with 6 threaded inserts in the threads M 4,5,6,8,10,12.

Weight beating weight 0,8 Kg.

1415R	Each 138,00
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1415R
new



SETS OF ASSORTED EXTRACTORS FOR BALL BEARINGS

Orig. Gedore

Sets are composed of pullers Art. 1415 A and expanders Art. 1414 B.

In sturdy metal boxes.

Size	0	1	2
For bores Ø	mm 12-30	12-46	12-70
Extractors	Pcs 1	2	2
Expanders	Pcs 4	6	8
Supplier code	1.31/0	1.31/1	1.31/2
1416A	Each 425,00	725,00	1.060,00



1416A



Orig. Gedore - Art. 1.34/10

Set of 1 percussor Art. 1415 GN 0, 4 expanders Art. 1414 E 1 - 2 - 3 - 4.

In sturdy synthetic material case.

1416E	Each 506,00
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TIN

1416E





1416G



Orig. Buco - Art. 50/K

Sets are composed of extractors Art. 1415G and expanders Art. 1414G.

In boxes.

Size		0	1	2
For bores Ø	mm	8-27	12-46	12-70
Extractors	Pcs	1	2	2
Expanders	Pcs	4	5	7
1416G	Each	365,00	626,00	916,00

EXTRACTORS FOR BALL BEARINGS

1417A



Orig. Gedore

Suitable for extracting ball bearings jammed into seats and impossible to reach through internal/ external gripping.

Thanks to the interchangeable arms, the bearing is clamped in the space between the balls inside the ring gear. The extractor is composed of: screw-type clamp, flange, operating force lever and interchangeable arms.

Forged and hardened steel.

PULLERS WITHOUT ARMS complete with screw-type clamp, flange and lever. (Size 1 without lever).

Size		1	2	3	4	5
Presser screw length	mm	160	195	210	230	235
Supplier code		1.29/1	1.29/2	1.29/3	1.29/4	1.29/5
1417A	Each	31,10	43,80	60,00	74,60	88,50

Supplied without arms.

When the stocks will be run out, the size 2 is replaced with the size 1.

1417F



Product description as Art. 1417A

Forged and hardened steel.

INTERCHANGEABLE ARMS (in series of 4 pieces).

Size		11	12	13	14
Overall length	mm	145	145	177	177
For extractors Art.		1417 A 1	1417 A 1	1417 A 2 (1)	1417 A 2 (1)
Supplier code		1.29/10	1.29/15	1.29/20	1.29/25
1417F	Series	80,80	81,40	70,50	84,60
Size		15	16	17	18
Overall length	mm	185	187	235	236
For extractors Art.		1417 A 2 (1) -3	1417 A 3	1417 A 4	1417 A 4-5
Supplier code		1.29/30	1.29/35	1.29/40	1.29/45
1417F	Series	111,00	119,00	136,00	156,00

For couplings between Art. 1417 A - 1417 F and ball bearings type 6000 see technical table no. 8 a at the end of the catalogue.

When the stocks will be run out, the size 13 is replaced with the size 12.

1417G



Orig. Buco - Art. 44

Product description as Art. 1417A

In forged and hardened steel. EXTRACTORS WITHOUT ARMS, complete with setscrew, flange, operating force lever.

Size		1	2	3	4	5
Presser screw length	mm	170	210	230	275	280
1417G	Each	46,10	60,90	62,90	66,70	86,50

Supplied without arms.

1417GB



Orig. Buco - Art. 48

Product description as Art. 1417A

Made of forged and hardened steel. INTERCHANGEABLE ARMS (set of 4 pieces).

Size		11	12	13	14
Overall length	mm	140	145	175	175
For extractors Art.		1417 G 1	1417 G 1	1417 G 2	1417 G 2-3
1417GB	Series	75,90	78,10	94,90	94,90
Size		15	16	17	18
Overall length	mm	185	190	235	235
For extractors Art.		1417 G 2-3-4-5	1417 G 3-5	1417 G 4	1417 G 3-5
1417GB	Series	94,90	99,20	112,00	165,00

For couplings between Art. 1417 G - 1417 GB and ball bearings type 6000 see technical table no. 8 b at the end of the catalogue.



SETS OF ASSORTED EXTRACTORS FOR BALL BEARINGS

Orig. Gedore - Art. 1.29/1K

In sturdy metal box.

The set is composed of PULLERS: 1417 A x Size 1, 2 and 3, arms 1417 F x Size 11-12-13-14-15-16 and 1 force lever.

1417GP 1 Each **778,00**

When the stocks will be run out, the assortment will be supplied in a sturdy plastic case, without the puller 1417 A 2 and F 1417 without arms 13.



1417GP 1



Orig. Gedore - Art. 1.29/3K

Product description as Art. 1417GP 1

The set is composed of: PULLERS 1417 A x Size 1-2-3-4-5, arms 1417 F x Size 11-12-13-14-15-16-17-18, 1 force lever and 4 support rings.

1417GP 2 Each **1.190,00**

When the stocks will be run out, the assortment will be supplied in a sturdy plastic case, without the puller 1417 A 2 and F 1417 without arms 13.



1417GP 2



Orig. Buco - Art. 44/K1

Product description as Art. 1417GP 1

Set: extractors 1417 G x Gr. 1 - 2, arms 1417 GB x Gr. 11-12-13-14 and 1 operating force lever.

1417GS 1 Each **417,00**

Orig. Buco - Art. 44/K2

Product description as Art. 1417GP 1

Set composed of: extractors 1417 G x Gr. 3-4-5, arms 1417 GB x Gr. 14-15-16-17-18 and 1 force lever.

1417GS 2 Each **981,00**

Orig. Buco - Art. 44/K3

Product description as Art. 1417GP 1

Set composed of: extractors 1417 G x Gr. 1-2-3-4-5, arms 1417 GB x Gr. 11-12-13-14-15-16-17-18 and 1 force lever.

1417GS 3 Each **1.340,00**



1417GS 1
1417GS 2
1417GS 3





1419GA

1419GB

1419GE

**Orig. Gedore - Art. 1.92/1**

Suitable for a safe and precise extraction of ball bearings jammed into seats and impossible to reach through internal/external gripping. Round flange in special steel with passing-through holes for the clamping of pulling arms. This allows to use all the strength deriving from the threaded screw and obtain quicker and better results.

The set contains:

- 1 threaded screw M10, length 115mm
 - 3 flanges with holes
 - 1 4-arm set 10 gr, length 120mm for bearings ISO: 6000-6001-6002-6003-6200
 - 1 4-arm set 20 gr, length 125mm for bearings ISO: 6201-6202
 - 1 4-arm set 30 gr, length 130mm for bearings ISO: 6203-6004-6005-6006-6300
 - 1 4-arm set 40 gr, length 135mm for bearings ISO: 6301-6302-6007-6008-6204-6009-6010-6303-6304
- In sturdy case made of synthetic material.

1419GA Each **635,00**

Orig. Gedore - Art. 1.92/2

Product description as Art. 1419GA

The set contains:

- 1 threaded screw M14, length 180mm, with adapter
 - 3 flanges with holes
 - 3 support rings (necessary for bearings ISO 6407-6310-6311)
 - 1 4-arm set 50 gr, length 140mm for bearing ISO: 6011-6012-6206-6207
 - 1 4-arm set 60 gr, length 145mm for bearings ISO: 6305-6403-6306-6307-6208-6209-6210-6211-6407
 - 1 4-arm set 70 gr, length 150mm for bearings ISO: 6404-6405-6406-6308-6309-6212-6310-6311
- In sturdy case made of synthetic material.

1419GB Each **654,00**

Orig. Gedore - Art. 1.92/12

Product description as Art. 1419GA

The set contains:

- Assortments Art. 1419 GA and 1419 GB.
- In sturdy case made of synthetic material.

1419GE Each **1.290,00**

RAPID ADJUSTMENT PULLERS

1420G



AUTOREGOLANTE

Orig. Gedore

Rapid-adjustment by rotation of the knurled ring nut containing the opening and closing mechanism of the 3 arms. It allows a rapid and precise positioning of the arms without any additional adjustments. High-precision threaded screw. Special steel body and arms, thermo-chemically hardened to support screw high pressures and high arms extraction values. Pointed or ball-shaped tip, interchangeable and reversible for a wide range of use. Particularly suitable for the extraction of ball bearings in any position.

Max opening	mm	150	250
Useful length	mm	130	250
Maximum pressure	t.	6,5	6,5
Weight	Kg	2,4	3,4
Screw x length Ø	mm	G 1/2x250	G 1/2x350
Supplier code		1.09/1	1.09/2

1420G Each **497,00** **705,00**

For spare screw see Art. 1455 GA.

UNIVERSAL MINI-EXTRACTORS

1421GAP

new

**Orig. Bucco - Art. 92**

In special steel.

SELF-CENTERING type with automatic arm positioning.

Suitable for battery terminals.

Galvanized version.

Two-arm type.

Size		1	2	3
Max opening	mm	60	75	100
Useful length	mm	45	65	80

1421GAP Each **54,20** **55,50** **57,70**



Orig. Gedore

CHROME-VANADIUM steel.
Handy model, of small size.
Adjustment of arms in traction.
Chrome-plated finish.
Two-arm type.

Size		1	1A	2
Max opening	mm	60	60	70
Useful length	mm	40	60	80
Supplier code		1.12/02	1.12/01	1.12/00
1421GAT	Each	33,70	34,10	45,30

GEDORE

1421GAT



Orig. Buco - Art. 36

In forged steel.
Handy model, of small size.
Adjustment of arms in traction.
Zinc-plated finish.
Two-arm type.

Size		1	2
Max opening	mm	55	75
Useful length	mm	40	65
1421GB	Each	33,60	35,20

BUCO

1421GB



Orig. Gedore

CHROME-VANADIUM steel.
Handy model, of small size.
Adjustment of arms in traction.
Chrome-plated finish.
Three-arm type.

Size		1	1A	2
Max opening	mm	60	60	70
Useful length	mm	40	60	80
Supplier code		1.13/02	1.13/01	1.13/00
1421GD	Each	44,10	44,80	61,90

GEDORE

1421GD



Orig. Buco - Art. 37

In forged steel.
Handy model, of small size.
Adjustment of arms in traction.
Zinc-plated finish.
Three-arm type.

Size		1	2
Max opening	mm	55	75
Useful length	mm	40	65
1421GE	Each	47,10	50,30

BUCO

1421GE



PARALLEL PULLERS

Orig. Gedore

Special steel. Arms with parallel movement and thin jaws. Particularly suitable for narrow spaces, uniform clamping of the piece to remove. With adjustment holes. Zinc-chrome plated finish.

Size		0	1	2	3
Max opening	mm	80	80	120	120
Useful length	mm	85	85	120	150
Maximum pressure	t.	1,5	2,0	3,5	3,5
Height a	mm	10	23	31	31
Supplier code		1.23/1S	1.23/1	1.23/2	1.23/3
1421GH	Each	182,00	154,00	184,00	209,00

GEDORE

1421GH





1421GL



Orig. Buco - Art. 38

In special steel. Arms with parallel movement and thin jaws. Suitable in narrow spaces, with uniform grabbing of the piece to remove. With adjustment holes. Zinc-plated finish.

Max opening	mm	100	140	141
Useful length	mm	85	120	155
Maximum pressure	t.	2,5	2,5	4,5
Height a	mm	23	31	31
1421GL	Each	142,00	174,00	199,00

Product running out of stock.

1421P



Prod. SCU

In special steel. Arms with parallel movement and thin jaws. Suitable in narrow spaces, with uniform grabbing of the piece to remove. With adjustment holes. Nickel-plated finish.

Max opening	mm	100	140
Useful length	mm	85	120
Maximum pressure	t.	2	3
1421P	Each	62,40	70,30

UNIVERSAL DOUBLE-GRIP PULLERS

1422



Prod. SCU

In hot pressed steel. With two sliding and revertible arms, inside/outside use. Nickel-plated finish.

Max opening	mm	60	80	100	120	140	160	180
Useful length	mm	75	75	75	100	100	100	140
Weight	Kg	0,35	0,6	0,65	1,1	1,2	1,5	2,5
1422	Each	20,30	22,10	27,30	30,80	36,10	43,10	60,70
Max opening	mm	200	250	300				
Useful length	mm	140	250	300				
Weight	Kg	2,7	9	13				
1422	Each	70,30	171,00	265,00				

1423G



Orig. Buco - Art. 10

In steel. With arms forged in one piece. Double T shaped arm rest with trapezoidal reinforcement. Heavy-duty type. Arms have inside/outside use: the operator needs only to extract them from support and turn them. Easy adjustment by means of light pressure on arms at the required distance. In traction it stops automatically.

Size		1	1A	2	2A	3	3A	4
Max opening	mm	80	120	160	200	250	350	530
Useful length	mm	100	100	150	150	200	200	200
Weight	Kg	0,9	1	2,7	3,1	6,5	7,7	11
1423G	Each	91,10	97,20	173,00	192,00	333,00	363,00	558,00

ARMS AND EXTENSIONS FOR PULLERS

1423GA



Orig. Buco

For extractors Art. 1423 G - 1424 G - 1433 G.

ARMS

Size		1	2	3
Useful length	mm	100	150	200
For extractors		1-1A	2-2A	3-3A-4
1423GA	Each	29,20	49,10	79,60

1423GB



Product description as Art. 1423GA

EXTENSIONS.

Size		1	2	3
For extractors		1-1A	2-2A	3-3A-4
Extensions length	mm	100	150	150
1423GB	Each	38,70	60,40	97,60



UNIVERSAL DOUBLE-GRIP PULLERS

Orig. Buco - Art. 80

Standard type, with bolster and very hardened arms. Large working opening. Remarkable opening, with the possibility of using the arms for both in- and outside.

Size		1	1A
Max opening	mm	100	150
Useful length	mm	100	100
Weight	Kg	0,6	0,7
1423GE	Each	84,70	89,20



1423GE

SETS OF ASSORTED DOUBLE-GRIP EXTRACTORS

Orig. Buco - Art. 10/ST1

Composed of 5 extractors Art. 1423 G with elegant and handy wooden display stand also for workshops.

Extractors size: 1 - 1A - 2 - 2A - 3.

1423GS	Each	879,00
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1423GS

HYDRAULIC DOUBLE-GRIP PULLERS

Orig. Buco - Art. HY 10

Hydraulic pivot type.

In steel, arms are forged in one piece. Double T shaped arm rest with trapezoidal reinforcement.

Heavy-duty type. Arms with inside/outside use: the operator needs only to extract them from support and turn them. Easy adjustment by means of light pressure on arms at the required distance. In traction it stops automatically.

Acting by means of a key on the upper screw of the pivot, the operator will obtain hydraulic pressures equal to some tons.

Size		2A	3	3A	4
Max opening	mm	200	250	350	530
Useful length	mm	150	200	200	200
Maximum pressure	t.	8	13	13	15
Weight	Kg	3,6	8,1	9	13
1424G	Each	518,00	676,00	709,00	911,00



1424G

For spare arms and extensions see Art. 1423 GA and 1423 GB.

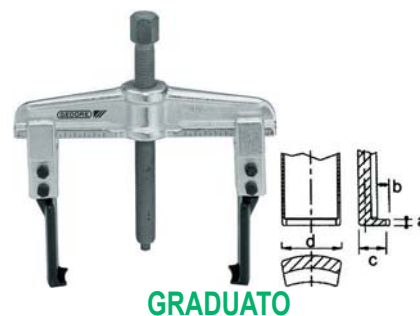
UNIVERSAL DOUBLE-GRIP PULLERS, THIN ARMS

Orig. Gedore

Hot-stamped steel.

Wide range of use, inside/outside use. Normal and long arms, interchangeable, sliding on ground guides with thin ends and feet to be inserted in very narrow spaces. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	100	140	160	200
Useful length	mm	100	100	150	150
Maximum pressure	t.	2	2,5	5	5
Weight	Kg	1	1,2	3	3,2
Height a	mm	3,6	3,6	5	5
Height b	mm	7,5	7,5	7	7
Height c	mm	13	13	17	17
Height D	mm	27	27	40	40
Screw x length Ø	mm	M 14x1,5x140	M 14x1,5x140	G 1/2x210	G 1/2x210
Supplier code		1.06/S1	1.06/S1A	1.06/S2	1.06/S2A
1424GA	Each	148,00	158,00	245,00	270,00



1424GA

GRADUATO

Spare arms can be supplied on request. For spare screw see Art. 1455 GA.



DOUBLE-GRIP PULLERS, THIN ARMS

1424GB



GRADUATO

Orig. Gedore - Art. 1.06/AS

Hot-stamped steel.

Wide range of use, inside/outside use. Normal and long arms supplied, interchangeable, sliding on ground guides with thin ends and feet to be inserted in very narrow spaces. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

Composition:

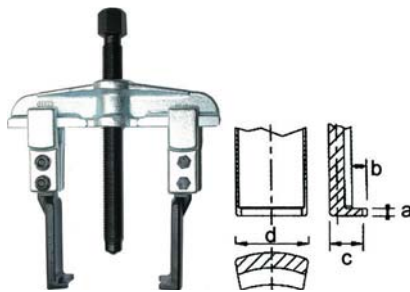
- 1 cross-beam rest for 2 arms max. aperture 140mm
- 2 arms length 100mm
- 2 arms length 200mm
- 2 arms length 250mm

1424GB Series 424,00

Spare arms can be supplied on request.

UNIVERSAL DOUBLE-GRIP PULLERS, THIN ARMS

1424GE



Orig. Bucco - Art. 16

In forged and hardened steel.

Wide range of use, inside/outside use. Normal and long arms, interchangeable, sliding on ground guides with thin feet to be inserted in very narrow spaces. This kind of arms gives parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	80	130	160	200
Useful length	mm	100	100	150	150
Maximum pressure	t.	4,5	4,5	6,5	6,5
Weight	Kg	1	1,2	3	3,2
Height a	mm	3,6	3,6	5	5
Height b	mm	60	60	80	80
Height c	mm	13	13	17	17
Height D	mm	27	27	40	40

1424GE Each 126,00 135,00 231,00 255,00

ARMS FOR PULLERS

1424GF



Orig. Bucco

Couple of arms complete with connections and bolts. For Art. 1424 GE.

Standard type.

Useful length	mm	100	150
For extractors opening	mm	80-130	160-200

1424GF Per pair 80,60 146,00

1424GH



Product description as Art. 1424GF

Long type.

Useful length	mm	200	220	250	300
For extractors opening	mm	80-130	160-200	80-130	160-200

1424GH Per pair 104,00 176,00 120,00 183,00

UNIVERSAL DOUBLE-GRIP PULLERS

1424GL



GRADUATO

Orig. Gedore

Hot-stamped steel.

Wide range of use, inside/outside use. Normal and long arms, interchangeable, sliding on ground guides. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	90	130	160	200	250	350	520
Useful length	mm	100	100	150	150	200	200	200
Weight	Kg	1,1	1,3	3,2	3,6	7,8	9,2	15,2
Screw x length Ø	mm	M	M	G	G	G	G	G
		14x1,5x140	14x1,5x140	1/2x210	1/2x210	3/4x280	3/4x280	1x310
Supplier code		1.06/1	1.06/1A	1.06/2	1.06/2A	1.06/3	1.06/3A	1.06/4

1424GL Each 109,00 117,00 198,00 217,00 360,00 394,00 580,00

For spare arms and other items see Art. 1424 GPA - RA. For spare screw (manual or hydraulic) see Art. 1455 GA-GB. Art. 1424 GL 520 without graduation.



SETS OF ASSORTED DOUBLE-GRIP EXTRACTORS

Orig. Gedore - Art. 1.06/ST

Composed of 5 pullers Art. 1424 GL, with sturdy and handy metal display stand, also used for workshops.

Pullers opening: 90 - 130 - 160 - 200 - 250 mm.

1424GM Each **1.010,00**



1424GM



LOOSE ARMS FOR EXTRACTORS

Orig. Gedore

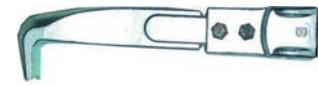
Arms complete with fittings and bolts. For Art. 1424 GL - 1433 GDP - 1433 GH.

Normal type.

Size		1	2	3
Useful length	mm	100	150	200
For extractors opening	mm	90-130	160-200	250-520
Supplier code		106/A-100-N	106/B-150-N	106/C-200-N
1424GPA	Each	31,40	54,20	87,80



1424GPA



Product description as Art. 1424GPA

Long type.

Size		1	2	3	4	5
Useful length	mm	200	300	300	400	500
For extractors opening	mm	90-130	160-200	250-520	250-520	250-520
Supplier code		106/A-200-N	106/B-300-N	106/C-300-N	106/C-400-N	106/C-500-N
1424GRA	Each	42,50	71,50	118,00	143,00	150,00



1424GRA



UNIVERSAL DOUBLE-GRIP PULLERS

Orig. Buco - Art. 16

In forged and hardened steel.

Wide range of use, inside/outside use. Normal and long arms, interchangeable, sliding on ground guides. This kind of arms gives parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	80	130	160	200
Useful length	mm	100	100	150	150
Weight	Kg	1	1,1	2,8	3,2
1425G	Each	104,00	111,00	193,00	211,00
Max opening	mm	250	350	520	640
Useful length	mm	200	200	200	225
Weight	Kg	6,7	8	12,5	23,5
1425G	Each	359,00	396,00	595,00	1.290,00

For spare and additional arms see Art. 1425 GM-P.



1425G



SETS OF ASSORTED DOUBLE-GRIP EXTRACTORS

Orig. Buco - Art. 16/ST

Composed of 5 extractors Art. 1425 G with elegant and handy wooden display stand also for workshops.

Extractors opening: 80 - 130 - 160 - 200 - 250mm.

1425GB Each **974,00**



1425GB





UNIVERSAL DOUBLE-GRIP HYDRAULIC EXTRACTORS

1425GF

BUCO**Orig. Buco - Art. HY 16**

Hydraulic pivot type.

In forged hardened steel. Wide range of use, inside/outside use. Normal and long arms, interchangeable, sliding on ground guides. This kind of arms gives parallel traction stresses. Zinc-chrome plated finish.

Acting by means of a key on the upper screw of the pivot, the operator will obtain hydraulic pressures equal to some tons.

Max opening	mm	250	350	520	640
Useful length	mm	200	200	200	225
Maximum pressure	t.	13	13	15	15
Weight	Kg	8,5	9,4	14,3	25
1425GF	Each	675,00	706,00	916,00	1.760,00

For spare and additional arms see Art. 1425 GM-P.
When the stocks will be run out, it will be supplied the extractor with reinforced hydraulic pin terminal (as Art. 1433 GR).

LOOSE ARMS FOR EXTRACTORS

1425GM

BUCO**Orig. Buco**

Complete with connections and bolts. For Art. 1425 G - 1425 GF - 1433 GE - 1433 GL - 1433 GR. Standard type.

Size		1	2	3	4
Useful length	mm	100	150	200	225
For extractors opening	mm	80-130	160-200	250-520	640
1425GM	Each	30,00	54,10	92,50	167,00

1425GP

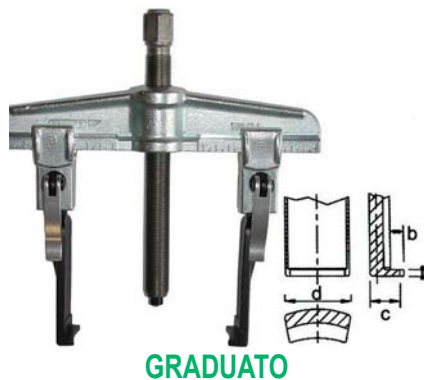
BUCO

Product description as Art. 1425GM

Long type.

Size		1	2	3	4
Useful length	mm	200	300	300	300
For extractors opening	mm	80-130	160-200	250-520	640
1425GP	Each	42,80	80,10	127,00	222,00
Size		5	6	7	8
Useful length	mm	400	400	500	500
For extractors opening	mm	250-520	640	250-520	640
1425GP	Each	156,00	258,00	163,00	312,00

RAPID ADJUSTMENT EXTRACTORS WITH TWO THIN ARMS

1425GPE **GEDORE****Orig. Gedore**

In hardened, forged steel.

Arms with a quick release lever which allows faster and more accurate adjustments. Wide range of use for both indoor and outdoor conditions. Interchangeable arms which can slide onto ground based fittings, and with thin legs which can fit into very narrow positions. The type of arms allows for parallel traction stresses. Zinc-chrome plated.

Max opening	mm	100	140	160	200
Useful length	mm	100	100	150	150
Maximum pressure	t	2	2,5	5	5
Weight	Kg	1	1,1	2,9	3,2
Height a	mm	3,7	3,7	5	5
Height b	mm	7,5	7,5	7	7
Height c	mm	13	13	17	17
Height D	mm	27	27	40	40
Screw x length Ø	mm	M 14x1,5x140	M 14x1,5x140	G 1/2x210	G 1/2x210
Supplier code		1.06/S1-E	1.06/S1A-E	1.06/S2-E	1.06/S2A-E
1425GPE	Each	154,00	160,00	251,00	275,00

For spare arms see Art. 1425 GPF. For spare screws see Art. 1455 GA.

SEPARATE THIN ARMS FOR RAPID ADJUSTMENT EXTRACTORS

1425GPF **GEDORE****Orig. Gedore**

Replacement arms for Art. 1425 GPE - 1433 GT - 1434 GP.

Useful length	mm	100	150
For extractors opening	mm	90-140	160-200
Supplier code		106/A-100-SE	106/B-150-SE
1425GPF	Each	52,60	88,50



DOUBLE-GRIP PULLERS, RAPID ADJUSTMENT

Orig. Gedore

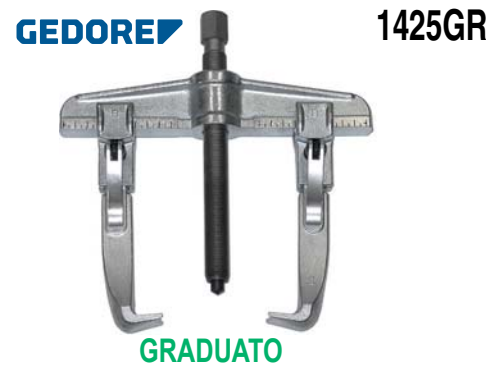
Hot-stamped steel, hardened.

Arms with rapid release lever for a quicker and more precise adjustment. Wide range of use, inside/outside use. Interchangeable arms, sliding on ground guides. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	90	130	160	200	250	350
Useful length	mm	100	100	150	150	200	200
Weight	Kg	1,1	1,3	3,2	3,6	7,8	9,2
Screw x length Ø	mm	M	M	G	G	G	G
		14x1,5x140	14x1,5x140	1/2x210	1/2x210	3/4x280	3/4x280
Supplier code		1.06/1-E	1.06/1A-E	1.06/2-E	1.06/2A-E	1.06/3-E	1.06/3A-E
1425GR	Each	114,00	122,00	204,00	223,00	368,00	401,00

For spare arms see Art. 1425 GRHA.

For spare screw (manual or hydraulic) see Art. 1455 GA - GB.



ASSORTMENTS OF DOUBLE-GRIP PULLERS, RAPID ADJUSTMENT

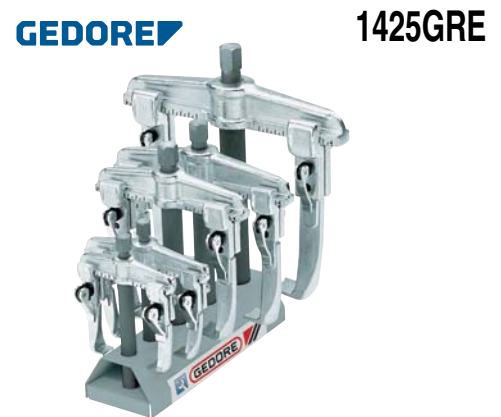
Orig. Gedore - Art. 1.06/ST-E

Composed of 5 pullers Art. 1425 GR, with sturdy sheet-steel display stand, also used for workshops.

Pullers opening: 90 - 130 - 160 - 200 - 250 mm.

1425GRE	Each	1.040,00
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Large assortment of rapid adjustment PULLERS available on request, on sheet steel panel.



LOOSE ARMS FOR RAPID ADJUSTMENT PULLERS

Orig. Gedore

Replacement arms for Art. 1425 GR - 1425 GS - 1434 G.

Useful length	mm	100	150	200
For extractors opening	mm	90-130	160-200	250-350
Supplier code		106/A-100-E	106/B-150-E	106/C-200-E
1425GRHA	Each	34,10	57,10	90,90



DOUBLE-GRIP PULLERS, RAPID ADJUSTMENT

Orig. Gedore

Type with ribbed arm support, particularly sturdy and rigid, hot-stamped steel, subject to special hardening procedure to resist traction forces twice stronger than traditional pullers. Arms with rapid release lever for a quicker and more precise adjustment. Wide range of use, inside/outside use. Interchangeable arms, sliding on ground guides. This kind of arms ensures parallel traction stresses.

Pointed or ball-shaped tip of the threaded screw, interchangeable and reversible for a wide range of use.

Max opening	mm	130	200	350
Useful length	mm	100	150	200
Maximum pressure	t.	6	10	15
Weight	Kg	1,2	3,4	8,7
Screw x length Ø	mm	M 14x1,5x140	G 1/2x210	G 3/4x280
Supplier code		1.04/HP1A	1.04/HP2A	1.04/HP3A
1425GRL	Each	173,00	301,00	506,00

Spare arms supplied on request.



In hot-stamped steel, hardened.

Patented model provided with lever for the quick adjustment of the middle screw. Arms with rapid release lever for a quicker and more precise adjustment. Wide range of use, both inside and outside. Interchangeable arms, sliding on ground guides. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	130	200	350
Useful length	mm	100	150	200
Maximum pressure	t.	3	5	7,5
Weight	Kg	1,5	4,1	10,2
Supplier code		1.08/1A	1.08/2A	1.08/3A
1425GS	Each	272,00	449,00	638,00

For spare and additional arms see Art. 1425 GRAH. For spare screws see Art. 1455 GA.

Sizes mm 130 and 350 running out of stock.



**1425GT GEDORE**

In hot-stamped steel, hardened.

Type provided with safety device to prevent arm accidental slipping. By pressing the push button the arms are moved on the cross-beam.

Inside/outside use. Interchangeable arms, sliding on ground guides. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	100	140	170	210	250	340
Useful length	mm	100	100	150	150	200	200
Maximum pressure	t	3	3	5	5	7,5	7,5
Weight	Kg	0,9	1,3	2,8	3,3	6,7	7,5
Supplier code		1.06/11-B	1.06/1A1-B	1.06/21-B	1.06/2A1-B	1.06/31-B	1.06/3A1-B
1425GT	Each	120,00	122,00	200,00	221,00	376,00	462,00

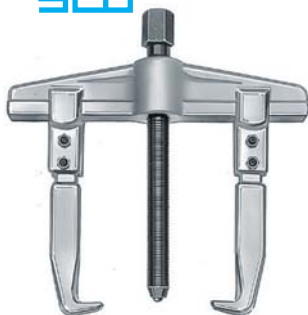
Spare arms available on request. For manual or hydraulic spare screws see Art. 1455 GA - GB.

ASSORTMENTS OF DOUBLE-GRIP PULLERS, RAPID ADJUSTMENT**1425GZ GEDORE**

Orig. Gedore - Art. 1.06/ST1-B

Set of five extractors Art. 1425 GT placed on sturdy metal support, usable in shop and workshop. Extractor openings of: 100 - 140 - 170 - 210 - 250 mm.

1425GZ Each **1.050,00**

UNIVERSAL DOUBLE-GRIP PULLERS**1426****SCU**

Prod. SCU

In forged steel.

For inside/outside use. Arms sliding on guides. Nickel-plated finish.

Max opening	mm	80	130	160	200	250	350	520
Useful length	mm	98	98	150	150	200	200	200
1426	Each	43,10	51,10	102,00	112,00	229,00	243,00	425,00

Spare arms for Art. 1426X80-130.

O1426 1 Each **17,60**

Spare arms for Art. 1426X160-200.

O1426 2 Each **27,30**

Spare arms for Art. 1426X250-350-520.

O1426 3 Each **47,50**

EXTRACTORS WITH FIXING CLAMP**1426A GEDORE**

Orig. Gedore

Hot-stamped steel.

Safe and secure clamping of pieces.

Suitable for extracting joints, gears, bearings, rings, etc. Zinc-chrome plated finish.

Size		1	2	3
Max opening	mm	90	90	150
Useful length	mm	85	100	140
Supplier code		1.20/1	1.20/2	1.20/3
1426A	Each	153,00	175,00	237,00

1426G BUCO

Orig. Buco - Art. 83

In hot pressed steel. Arms can be reversed.

The clamp allows safe and secure grab of pieces.

Suitable for extracting joints, gears, bearings, junk rings, etc.

Size		1	2	3
Max opening	mm	70	100	150
Useful length	mm	85	100	150
1426G	Each	147,00	170,00	231,00



Orig. Gedore

Hot-stamped steel.
Safe and secure clamping of pieces.
Suitable for extracting joints, gears, bearings, rings, etc. Zinc-chrome plated finish.

Steering, long arms and grabs to be used also as separator.

Size		1	2	3
Max opening	mm	110	160	160
Useful length	mm	170	260	325
Supplier code		1.22/1	1.22/2	1.22/3
1427A	Each	262,00	330,00	377,00

GEDORE

1427A



Orig. Buco - Art. 85

In hot pressed steel.
The clamp allows a safe and secure grab of pieces.
Suitable for extracting joints, gears, bearings, junk rings, etc.
Long arms and grabs to be used also as separator.

Size		1	2	3
Max opening	mm	100	145	160
Useful length	mm	175	270	410
1427G	Each	254,00	322,00	366,00

BUCO

1427G



5

UNIVERSAL PULLERS

Orig. Gedore

CHROME-VANADIUM steel.
Suitable for all extracting operations. Handy and stress-resistant. Adjustment of arms in traction.
Chrome-plated finish.

Two-arm type.

Size		0	1	2	3
Max opening	mm	70	90	130	180
Useful length	mm	80	120	160	200
Supplier code		1.12/0	1.12/1	1.12/2	1.12/3
1427GE	Each	60,30	99,90	151,00	205,00

GEDORE

1427GE



Product description as Art. 1427GE

Three-arm type.

Size		0	1	2	3
Max opening	mm	70	90	130	180
Useful length	mm	80	120	160	200
Supplier code		1.13/0	1.13/1	1.13/2	1.13/3
1427GL	Each	84,00	135,00	200,00	269,00

GEDORE

1427GL





STEERING ARMS PULLERS

1428C



Orig. Gedore

Sturdy type, CHROME-VANADIUM steel. Suitable for extracting ball bearings, gears, etc. Hook dual-purpose steering arms. Automatic blocking device.

Two-arm type.

Size		0	1	2	3
Max opening	mm	90	160	220	320
Useful length	mm	80	130	170	260
Supplier code		1.10/1	1.10/2	1.10/3	1.10/4
1428C	Each	92,80	157,00	177,00	304,00

1428F



Product description as Art. 1428C

Three-arm type.

Size		0	1	2	3
Max opening	mm	90	160	220	320
Useful length	mm	80	130	170	260
Supplier code		1.11/1	1.11/2	1.11/3	1.11/4
1428F	Each	120,00	199,00	235,00	418,00

Pullers with max opening 400mm available on request.

1428GA



Orig. Buco - Art. 20

Sturdy type, made of forged steel. Suitable for extracting ball bearings, gears, etc. Hooked dual-purpose steering arms. Automatic blocking device.

Two-arm type

Size		1	2
Max opening	mm	150	200
Useful length	mm	80	130
1428GA	Each	80,80	135,00

1428GB



Orig. Buco - Art. 21

Product description as Art. 1428GA

Three-arm type

Size		1	2
Max opening	mm	150	200
Useful length	mm	80	130
1428GB	Each	107,00	179,00

EXTENSIBLE ARM EXTRACTORS

1429D



Orig. Gedore

Strengthened type, CHROME-VANADIUM steel. In traction, it automatically gets clamped to the parts to extract. Arms with holes for extension.

Two-arm type.

Size		00	0	1	2	3
Max opening	mm	90	130	200	250	280
Useful length	mm	100	140	210	260	390
Supplier code		1.14/0	1.14/1	1.14/2	1.14/3	1.14/4
1429D	Each	59,80	78,90	140,00	213,00	260,00

Pullers with max opening 420mm available on request.



Product description as Art. 1429D

Three-arm type.

Size		00	0	1	2	3
Max opening	mm	90	130	200	250	280
Useful length	mm	100	140	210	260	390
Supplier code		1.15/0	1.15/1	1.15/2	1.15/3	1.15/4
1429E	Each	80,70	102,00	175,00	271,00	342,00

Pullers with max opening 420mm available on request.

GEDORE

1429E



Orig. Buco - Art. 22

Strengthened type in special steel. In traction, it automatically gets clamped to the parts to extract. Arms with holes for extension.

Two-arm type

Size		0	1	2	3
Max opening	mm	120	165	230	300
Useful length	mm	120	145	220	270
1429GA	Each	64,60	75,90	129,00	206,00

BUCO

1429GA



Orig. Buco - Art. 23

Product description as Art. 1429GA

Three-arm type

Size		0	1	2	3
Max opening	mm	120	165	230	300
Useful length	mm	120	145	220	270
1429GB	Each	86,10	97,90	167,00	264,00

BUCO

1429GB



UNIVERSAL TRIPLE GRIP PULLERS

Prod. SCU

In forged steel with 3 jaws for outside use.

Hardened jaws.

Max opening	mm	60	80	120	160
Useful length	mm	50	60	90	110
Weight	Kg	0,25	0,7	1,2	2
1431	Each	21,30	26,40	33,70	38,10

SCU

1431



In forged steel. Sturdy type. With 3 sliding and revertible arms for inside/outside use. Nickel-plated finish.

Type		90	120	160	180	250	300	300A
Max opening	mm	90	120	160	180	250	300	300
Useful length	mm	75	100	100	140	250	250	300
Weight	Kg	0,85	1,5	2	3,9	12	13	16
1431E	Each	36,10	48,40	57,20	89,70	293,00	333,00	343,00

SCU

1431E





1433G



Orig. Buco - Art. 13

In steel. With arms forged in one piece.

Strong T shaped arm rest with trapezoidal reinforcement. Heavy-duty type. Reversible arms for inside/outside use. Easy sliding opening with automatic stop in traction.

Size		1A	2	2A
Max opening	mm	120	160	200
Useful length	mm	100	150	150
Weight	Kg	1,4	3,7	4,3
1433G	Each	148,00	258,00	284,00

For spare and additional arms see Art. 1423 GA and 1423 GB. Sizes 2 and 2A may be supplied with hydraulic pivot on request.

UNIVERSAL TRIPLE GRIP EXTRACTORS, THIN ARMS.

1433GA



Orig. Gedore

Hot-stamped steel.

Wide range of use, inside/outside use. Normal and long arms, interchangeable, sliding on ground guides with thin ends and feet to be inserted in very narrow spaces. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

	mm	90	130	160	200
Max opening	mm	90	130	160	200
Useful length	mm	100	100	150	150
Maximum pressure	t.	2,5	2,5	5,0	5,0
Weight	Kg	1,3	1,4	3,6	4
Height a	mm	3,6	3,6	5	5
Height b	mm	7,5	7,5	7	7
Height c	mm	13	13	17	17
Height D	mm	27	27	40	40
Screw x length Ø	mm	M 14x1,5x140	M 14x1,5x140	G 1/2x210	G 1/2x210
Supplier code		1.07/S1	1.07/S1A	1.07/S2	1.07/S2A
1433GA	Each	210,00	233,00	380,00	394,00

Spare arms can be supplied on request. For spare screw see Art. 1455 GA.

ASSORTMENT OF EXTRACTORS WITH THREE THIN ARMS

1433GAM



Orig. Gedore - Art. 1.07/AS

Hot-stamped steel.

Wide range of use, inside/outside use. Normal and long arms supplied, interchangeable, sliding on ground guides with thin ends and feet to be inserted in very narrow spaces. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

Composition:

- 1 cross-beam rest for 3 arms max. aperture 130mm
- 3 arms length 100mm
- 3 arms length 200mm
- 3 arms length 250mm

1433GAM	Series	635,00
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Spare arms can be supplied on request.

ASSORTMENT OF EXTRACTORS WITH THIN ARMS

1433GAR



Orig. Gedore - Art. 1.07/K

Composed of extractors with 2 or 3 thin arms of varying length, which can slide onto ground fittings, and which can be inserted into very narrow positions. The type of arms allows for parallel traction stresses. T shaped cross pieces, reinforced. Zinc-chrome plated.

Comprising:

- 3 arms, length 100/200/250mm
- 1 cross-beam with 2 arms, max. aperture 130mm
- 1 cross-beam with 3 arms, max. aperture 130mm
- 2 threaded screws M 14 x 1.5 x 140 (Art. 1455 GA 1).

Complete set. In a case.

1433GAR	Each	740,00
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Spare parts can be supplied on request.



UNIVERSAL TRIPLE GRIP EXTRACTORS, THIN ARMS.

Orig. Buco - Art. 17

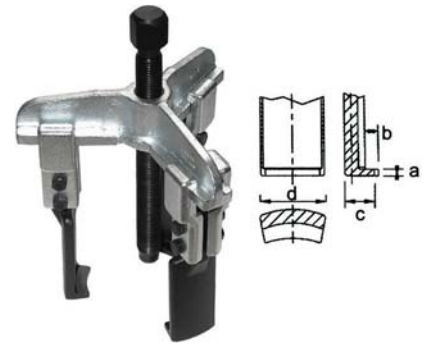
In forged and hardened steel.

Wide range of use, inside/outside use. Normal and long arms, interchangeable, sliding on ground guides with thin feet to be inserted in very narrow spaces. This kind of arms gives parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	80	130	160	200
Useful length	mm	100	100	150	150
Maximum pressure	t.	5,5	5,5	7	7
Weight	Kg	1,4	1,6	3,6	4
Height a	mm	3,6	3,6	5	5
Height b	mm	7,5	7,5	7	7
Height c	mm	13	13	17	17
Height D	mm	27	27	40	40
1433GB	Each	180,00	190,00	337,00	374,00



1433GB



ARMS FOR PULLERS

Orig. Buco

Set of 3 arms complete with connections and bolts. For Art. 1433 GB.

Standard type.

Useful length	mm	100	150
For extractors opening	mm	80-130	160-200
1433GC	Series	121,00	219,00



1433GC



Product description as Art. 1433GC

Long type.

Useful length	mm	200	220	250	300
For extractors opening	mm	80-130	160-200	80-130	160-200
1433GD	Series	156,00	264,00	180,00	277,00



1433GD



UNIVERSAL TRIPLE GRIP PULLERS

Orig. Gedore

Hot-stamped steel.

Wide range of use, inside/outside use.

Normal and long arms, interchangeable, sliding on ground guides.

This kind of arms ensures parallel traction stresses.

Zinc-chrome plated finish.

Max opening	mm	90	130	160	200	250
Useful length	mm	100	100	150	150	200
Weight	Kg	1,4	1,6	3,6	4	9
Screw x length Ø	mm	M 14x1,5x140	M 14x1,5x140	G 1/2x210	G 1/2x210	G 3/4x280
Supplier code		1.07/1	1.07/1A	1.07/2	1.07/2A	1.07/3
1433GDP	Each	148,00	160,00	282,00	310,00	537,00



1433GDP



For spare arms and additional accessories see Art. 1424 GPA - 1424 GRA. For spare screw (manual or hydraulic) see Art. 1455 GA - GB.

Orig. Buco - Art. 17

Product description as Art. 1433GDP

Max opening	mm	80	120	160	200
Useful length	mm	100	100	150	150
Weight	Kg	1,4	1,6	3,6	4
1433GE	Each	147,00	157,00	289,00	308,00



1433GE



For spare and additional arms see Art. 1425 GM 1-2 and 1425 GP 1-2.



1433GH GEDORE



Orig. Gedore - Art. 1.07/4

Hardened steel body, CHROME-VANADIUM steel arms.
Heavy type for heavy-duty works, with clamp for both inside/outside use.
Normal and long arms, interchangeable. This kind of arms ensures parallel traction stresses.

Max opening	mm	450
Useful length	mm	200
Maximum pressure	t	10
Weight	Kg	19
Screw x length Ø	mm	G 1x360
1433GH	Each	1.270,00

When the threaded screw and reduction is removed the extractor can be used with hydraulic system Art. 1446 GA.
For spare arms and additional accessories see Art. 1424 GPA 3 - 1424 GRA 3-4-5.
For spare screw (manual or hydraulic) see Art. 1455 G

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1433GL



Orig. Buco - Art. 17

In forged and hardened steel. Heavy type, of large size.
Wide range of use, inside/outside use.
Normal and long arms, interchangeable, sliding on ground guides.
This kind of arms gives parallel traction stresses.

Max opening	mm	250	380	520	640
Useful length	mm	200	200	200	200
Weight	Kg	8,6	19	22	26
1433GL	Each	574,00	1.110,00	1.300,00	1.370,00

For spare and additional arms see Art. 1425 GM 3-4 and 1425 GP 3-4-5-6-7-8.

STANDARD TRIPLE GRIP PULLERS

1433GR



Orig. Buco - Art. HY17

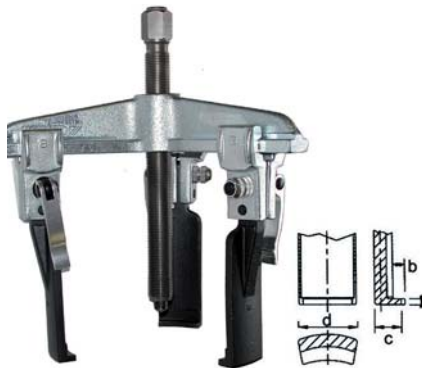
Hydraulic pivot type.
In forged steel. Heavy type, of large size.
Wide range of use, inside/outside use.
Normal and long arms, interchangeable.
This kind of arms gives parallel traction stresses.
Acting by means of a key on the upper screw of the pivot, the operator will obtain hydraulic pressures equal to some tons.

Max opening	mm	380	520	640
Useful length	mm	200	200	200
Maximum pressure	t.	15	15	15
Weight	Kg	23	26	29
1433GR	Each	1.510,00	1.850,00	1.920,00

For spare and additional arms see Art. 1425 GM 3-4 and 1425 GP 3-4-5-6-7-8.

RAPID ADJUSTMENT EXTRACTORS WITH THREE THIN ARMS

1433GT GEDORE



Orig. Gedore

In hardened, forged steel.
Arms with a quick release lever which allows faster and more accurate adjustments. Wide range of use for both indoor and outdoor conditions. Interchangeable arms which can slide onto ground based fittings, and with thin legs which can fit into very narrow positions. The type of arms allows for parallel traction stresses. Zinc-chrome plated.

Max opening	mm	90	130	160	200
Useful length	mm	100	100	150	150
Maximum pressure	t.	2,5	2,5	5,0	5,0
Weight	Kg	1,3	1,4	3,6	3,9
Height a	mm	3,7	3,7	5	5
Height b	mm	7,5	7,5	7	7
Height c	mm	13	13	17	17
Height D	mm	27	27	40	40
Screw x length Ø	mm	M 14x1,5x140	M 14x1,5x140	G 1/2x210	G 1/2x210
Supplier code		1.07/S1-E	1.07/S1A-E	1.07/S2-E	1.07/S2A-E
1433GT	Each	219,00	242,00	388,00	401,00

For spare arms see Art. 1425 GPF.

Prices in EURO . VAT not included



TRIPLE GRIP PULLERS, RAPID ADJUSTMENT

Orig. Gedore

Hot-stamped steel, hardened.

Arms with rapid release lever for a quicker and more precise adjustment. Wide range of use, inside/outside use. Interchangeable arms, sliding on ground guides. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	90	130	160	200	250
Useful length	mm	100	100	150	150	200
Weight	Kg	1,4	1,6	3,6	4	9
Screw x length Ø	mm	M 14x1,5x140	M 14x1,5x140	G 1/2x210	G 1/2x210	G 3/4x280
Supplier code		1.07/1-E	1.07/1A-E	1.07/2-E	1.07/2A-E	1.07/3-E
1434G	Each	157,00	168,00	291,00	318,00	546,00

For spare arms see Art. 1425 GRHA. For spare screw (manual or hydraulic) see Art. 1455 GA - GB.

GEDORE



1434G

In hot-stamped steel, hardened.

Type provided with safety device to prevent arm accidental slipping. By pressing the push button the arms are moved on the cross-beam.

Inside/outside use. Interchangeable arms, sliding on ground guides. This kind of arms ensures parallel traction stresses. Zinc-chrome plated finish.

Max opening	mm	90	130	160	200	250
Useful length	mm	100	100	150	150	200
Maximum pressure	t	3	3	5	5	7,5
Weight	Kg	1,2	1,4	3,5	3,7	8
Supplier code		1.07/11-B	1.07/1A-B	1.07/21-B	1.07/2A1-B	1.07/31-B
1434GA	Each	153,00	161,00	289,00	305,00	569,00

Spare arms available on request. For manual or hydraulic spare screws see Art. 1455 GA - GB.

GEDORE



1434GA

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ASSORTMENT OF RAPID ADJUSTMENT EXTRACTORS WITH THIN ARMS

Orig. Gedore - Art. 1.07/K-1-SE

Composed of extractors with 2 or 3 thin arms of varying length, which can slide onto ground fittings using a quick release lever which allows a faster and more accurate adjustment. The type of arms allows for parallel traction stresses. T shaped cross pieces, reinforced. Zinc-chrome plated.

Comprising:

- 3 arms, length 100mm (Art. 1425 GPF 100)
 - 1 cross-beam with 2 arms, max. aperture 90mm
 - 1 cross-beam with 3 arms, max. aperture 90mm
 - 2 threaded screws M 14 x 1.5 x 140 (Art. 1455 GA 1).
- Complete set. In a case.

1434GP	Each	302,00
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GEDORE



1434GP

UNIVERSAL TRIPLE GRIP PULLERS

Prod. SCU

In forged steel with 3 adjustable and invertible jaws for inside/outside use. Hardened jaws.

Max opening	mm	325
Useful length	mm	180
Weight	Kg	2,2
1435	Each	69,20

SCU



1435

In forged steel with 3 adjustable and invertible jaws for inside/outside use. Hardened jaws. For medium and hard works.

Max opening	mm	350	425	500	700
Useful length	mm	200	230	250	400
Weight	Kg	6	10	20	25
1436	Each	120,00	187,00	317,00	447,00

SCU



1436



HEAVY-DUTY EXTRACTORS, DOUBLE OR TRIPLE GRIP, GREAT DEPTH

1437B GEDORE



Orig. Gedore

Hot-stamped steel. Particularly suitable for industrial use, farm machines and building industry. Heavy type.

Two-arm type.

Size		1	2
Max opening	mm	280	420
Useful length	mm	300	420
Weight	Kg	8	10
Supplier code		1.16/1	1.16/2
1437B	Each	398,00	425,00

1437F GEDORE



Product description as Art. 1437B

Three-arm type.

Size		1	2
Max opening	mm	300	425
Useful length	mm	300	425
Weight	Kg	9,7	13,2
Supplier code		1.17/1	1.17/2
1437F	Each	497,00	535,00

1437G BUCO



Orig. Buco - Art. 24

In hot pressed steel. Arms may be moved on the plate rest and set at the required position. Heavy type.

Two-arm type

Size		1	2
Max opening	mm	350	500
Useful length	mm	325	500
Weight	Kg	10,9	12,6
1437G	Each	396,00	466,00

Size 1 is running out of stock.

1437GA BUCO



Orig. Buco - Art. 25

Product description as Art. 1437G

Three-arm type

Size		1	2
Max opening	mm	350	500
Useful length	mm	325	500
Weight	Kg	13,3	15,7
1437GA	Each	544,00	573,00

SEPARATORS AND PULLERS

1440B GEDORE



Orig. Gedore

CHROME-VANADIUM steel.

Sturdy type.

SEPARATORS

Size		0	1	2	3	4	5
Max opening	mm	5-60	12-75	22-115	30-155	30-200	30-250
For extractors Art. 1440BE		0	1	2	3	4	5
Supplier code		1.40/0	1.40/1	1.40/2	1.40/3	1.40/4	1.40/5
1440B	Each	87,90	111,00	173,00	269,00	566,00	1.030,00



Product description as Art. 1440B
PULLERS - For separators Art. 1440 B.

Size	0	1	2	3	4	5
Max opening mm	120	165	215	300	380	440
Useful length mm	160	230	250	270	350	400
For separators Art. 1440B	0	1	2	3	4	5
Supplier code	1.38/0	1.38/1	1.38/2	1.38/3	1.38/4	1.38/5
1440BE Each	81,10	132,00	196,00	295,00	572,00	769,00

GEDORE

1440BE



Product description as Art. 1440B
Spare THREADED ARMS.

Size	0	1	2	3	4	5
For extractors Art. 1440BE	0	1	2	3	4	5
Supplier code	138/015	138/115	138/215	138/315	138/415	138/515
1440BM Each	24,50	33,10	43,10	51,40	77,30	96,30

GEDORE

1440BM



Product description as Art. 1440B
EXTENSIONS.

Size	1	2	3	4	5
Overall length mm	100	100	100	200	200
For extractors Art. 1440BE	0-1	2	3	4	5
Supplier code	1.38/AV	1.38/CV	1.38/DV	1.38/EV	1.38/FV
1440BT Per pair	20,80	30,30	34,60	58,90	84,60

GEDORE

1440BT



Orig. Buco - Art. 60

In forged steel, hardened working parts.
Sturdy type. Silver-colour lacquering.
SEPARATORS.

Size	0	1	2	3	4	5
Max opening mm	5-60	12-75	22-115	30-155	30-200	40-280
For extractors Art.	0	1	2	3	4	5
1440GA Each	81,60	105,00	169,00	272,00	566,00	1.290,00

BUCO

1440GA



Orig. Buco - Art. 62

Product description as Art. 1440GA
EXTRACTORS - For separators Art. 1440 GA - 1440 GE

Size	0	1	2	3	4	5
Max opening mm	110	140	215	295	350	435
Useful length mm	110	155	200	315	305	320
For separators Art. 1440GA-E	0	1	2	3	4	5
1440GAB Each	75,40	119,00	187,00	295,00	595,00	1.050,00

BUCO

1440GAB



Orig. Buco - Art. ZB

Product description as Art. 1440GA
Spare THREADED ARMS.

Size	0	1	2	3	4	5
For extractors Art.	0	1	2	3	4	5
1440GAC Each	16,10	22,30	28,90	80,50	80,50	182,00

BUCO

1440GAC



Orig. Buco - Art. ZBV

Product description as Art. 1440GA
EXTENSIONS.

Size	1	2	3
Overall length mm	100	150	150
For extractors Art.	1	2	3-4
1440GD Each	13,10	15,50	43,40

BUCO

1440GD



Extensions for Size 0 and 5 are supplied on request.



**1440GE** **Orig. Buco - Art. 61**

In forged steel

Hardened working parts.

For a quick spot-focusing and separation of the piece by means of the pressure on one lever. After separation it is used in combination with extractor Art. 1440 GAB.

Size		0	1	2	3
Max opening	mm	5-60	12-75	22-115	30-155
Weight	Kg	0,9	1,2	2,7	6,3
For extractors Art.		0	1	2	3
1440GE	Each	123,00	144,00	240,00	364,00

Product running out of stock.

PULLER SETS WITH SEPARATORS**1441B 1**

1441B 2

1441B 3

1441B 4

**Orig. Gedore - Art. 1.41/0**

Assortments in sturdy metal box.

Composition:

- 1 Separator Art. 1440 B x Size 0
- 1 Extractor Art. 1440 BE x Size 0
- 2 Extensions Art. 1440 BT x Size 1

1441B 1 Each **264,00****Orig. Gedore - Art. 1.41/1**

Product description as Art. 1441B 1

Composition:

- 1 Separator Art. 1440 B x Size 1
- 1 Extractor Art. 1440 BE x Size 1
- 2 Extensions Art. 1440 BT x Size 1

1441B 2 Each **352,00****Orig. Gedore - Art. 1.41/2**

Product description as Art. 1441B 1

Composition:

- 1 Separator Art. 1440 B x Size 2
- 1 Extractor Art. 1440 BE x Size 2
- 2 Extensions Art. 1440 BT x Size 2

1441B 3 Each **486,00****Orig. Gedore - Art. 1.41/3**

Product description as Art. 1441B 1

Composition:

- 1 Separator Art. 1440 B x Size 3
- 1 Extractor Art. 1440 BE x Size 3
- 2 Extensions Art. 1440 BT x Size 3

1441B 4 Each **715,00****1441GA**

1441GC

1441GD

1441GE

**Orig. Buco - Art. K62/0**

Sets In box.

The set is composed of:

- 1 separator Art. 1440 GA Size 0
- 1 extractor Art. 1440 GAB Size 0
- 2 extensions Art. 1440 GD Size 1.

1441GA Each **276,00****Orig. Buco - Art. K62/1**

Product description as Art. 1441GA

The set is composed of:

- 1 separator Art. 1440 GA Size 1
- 1 extractor Art. 1440 GAB Size 1
- 2 extensions Art. 1440 GD Size 1.

1441GC Each **335,00****Orig. Buco - Art. K62/2**

Product description as Art. 1441GA

The set is composed of:

- 1 separator Art. 1440 GA Size 2
- 1 extractor Art. 1440 GAB Size 2
- 2 extensions Art. 1440 GD Size 2.

1441GD Each **490,00****Orig. Buco - Art. K62/3**

Product description as Art. 1441GA

The set is composed of:

- 1 separator Art. 1440 GA Size 3
- 1 extractor Art. 1440 GAB Size 3
- 2 extensions Art. 1440 GD Size 3.

1441GE Each **721,00**



Orig. Buco - Art. K20 60

Suitable for extractors with 2/3 arms, with easy replacement of the flange with 2 or 3 connections.
In sturdy metal box.



**1441GP
1441GS**

The set is composed of:

- 1 double grip puller 1428 GA Size 1
- 1 loose arm for the a.m.
- 1 flange with 3 connections for the a.m.
- 1 double grip puller 1428 GA Size 2
- 1 loose arm for the a.m.
- 1 flange with 3 connections for the a.m.
- 1 separator 1440 GA Size 1
- 1 separator 1440 GA Size 2.

1441GP Each **710,00**

Orig. Buco - Art. K22 60

Product description as Art. 1441GP

The set is composed of:

- 1 double grip extractor 1429 GA Size 1
- 1 loose arm for the a.m.
- 1 flange with 3 connections for the a.m.
- 1 double grip puller 1429 GA Size 2
- 1 loose arm for the a.m.
- 1 flange with 3 connections for the a.m.
- 1 separator 1440 GA Size 1
- 1 separator 1440 GA Size 2.

1441GS Each **711,00**



5

UNIVERSAL HUB PULLERS

Prod. SCU

Arms are able to be moved on the plate bearing.

The axial motion of the strong threaded pivot allows an optimal percussion in case of difficult extraction.

Nickel-plated finish.

Model with arms	No.	3	4	5
Max opening	mm	200	200	200
Useful length	mm	140	140	140
Weight	Kg	4	4,5	5
1443	Each	89,70	97,60	107,00



1443

BALL JOINT PULLERS

Orig. Buco - Art. 181

In special steel. Suitable for working in narrow spaces.

Size		1	4
Fork opening	mm	23	34
Useful internal height	mm	55	63
1443GP	Each	92,20	111,00



1443GP

Product running out of stock.

Orig. Gedore

High-resistance forged and hardened steel.

Zinc-chrome plated finish.

Size		2	3	4	5
Fork opening	mm	18	23	27	37
Spherical opening	mm	40	50	60	75
Useful internal height	mm	35	45	56	78
Supplier code		1.72/1	1.72/2	1.72/3	1.72/4
1444A	Each	55,60	75,10	96,20	126,00



1444A

Orig. Buco - Art. 180

In forged and hardened heavy duty steel.

Silver-color lacquering.

Size		2	3	4	5	6
Fork opening	mm	18	23	29	36	46
Spherical opening	mm	37	45	55	70	90
Useful internal height	mm	37	45	60	80	100
1444G	Each	52,50	71,10	90,50	120,00	186,00



1444G



1444GB GEDORE



Orig. Gedore

Forged steel.

Suitable for extracting ball joints, even in places difficult to reach inside cars. Adjustable pivot height.

Size		1	2
Fork opening	mm	23	32
Fork depth	mm	24	28
Vertical regulation range up to	mm	65	85
Weight	Kg	0,7	2,4
Supplier code		1.73/1	1.73/3
1444GB	Each	110,00	226,00

1444GC



Orig. Buco - Art. 183

Product description as Art. 1444GB

Fork opening	mm	22
Vertical regulation range by	mm	20 a 50
Weight	Kg	0,7

1444GC	Each	98,20
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1444GD GEDORE



Orig. Gedore

Forged steel, heavy type.

Suitable for extracting ball joints, even in places difficult to reach inside cars and trucks. Zinc-chrome plated finish.

Size		1	2
Fork opening	mm	20	20
Fork depth	mm	35	35
Vertical regulation range	mm	12-50	50-80
Weight	Kg	1,0	1,4
Supplier code		1.74/1	1.74/2
1444GD	Each	175,00	222,00

1444GE



Orig. Buco - Art. 185

In forged steel. Heavy type.

Suitable for extracting ball joints in places difficult to reach inside cars and trucks.

Size		1	2	4	5
Fork opening	mm	20	20	27-36	35-45
Vertical regulation range by	mm	50	80	90	115
Weight	Kg	1,3	1,6	3,0	6,0
1444GE	Each	152,00	208,00	279,00	500,00

When stocks last, sizes 1 and 2 will be supplied with a 24 mm fork opening.

FORK EXTRACTORS

1444GER GEDORE



Orig. Gedore

Forged and hardened steel. Suitable for extracting spherical steering joints, control rods and tie-rods, for dismounting shock absorbers and for other work of separation and disassembly in confined spaces.

Fork opening	mm	18	23	29	40	45
Weight	Kg	0,8	0,8	1,0	1,1	1,2
Supplier code		1.70/1	1.70/2	1.70/3	1.70/4	1.70/5
1444GER	Each	70,40	75,30	78,30	84,70	106,00

1444GF



Orig. Buco - Art. 190

In alloyed forged and hardened steel. Suitable for extracting spherical steering joints, control rods and tie-rods, for dismounting shock absorbers and for other work of separation and disassembly in confined spaces.

Fork opening	mm	18	23	29	40	45
Weight	Kg	0,7	0,75	0,8	0,9	1
1444GF	Each	68,10	73,40	77,20	85,20	99,80

Product running out of stock.



SET OF FORK EXTRACTORS

Orig. Gedore red - Art. R11203003

In special steel, tempered. Suitable for extracting spherical steering joints, control rods and tie rods, for removing shock absorbers and for other work of separation and disassembly in confined spaces.

Assortments in plastic case.

Composition:

- 1 fork head opening 17.5 mm
- 1 fork head opening 23.5 mm
- 1 fork head opening 28.5 mm
- 1 swing handle length mm 200
- 1 adapter length 175 mm.

1444GL Each 138,00

GEDORE

1444GL
new



STEERING WHEEL PULLERS

Orig. Gedore - Art. 1.68/1

Universal type, with 3 arms in CHROME-VANADIUM steel, for 3/4 spoke steering wheels. With 2 support rings Ø 100 and 150mm. Rubber protection for steering wheels.

Weight 3 Kg.

1445B Each 182,00

GEDORE

1445B



5

Orig. Buco - Art. 151

Universal type, with 3 arms, suitable for 2/3 and 4 spoke steering wheels. With 2 support rings.

Diameter 100 and 150mm. Rubber protections.

Weight 2.3 Kg.

1445GA Each 154,00

Product running out of stock.

BUCO

1445GA



Orig. Gedore - Art. 1.67/1

4-arms type, particularly suitable for OPEL and FORD cars and other brands. Max opening 90mm/min 35mm. With 2 short arms and 2 long arms. Weight 0.6 Kg.

1445GC Each 211,00

GEDORE

1445GC



Orig. Buco - Art. 155

With 4 arms, particularly suitable for brands like OPEL, FORD and others. Maximum opening: 90 mm. With two short and two long arms. Weight 1 kg.

1445GE Each 197,00

Product running out of stock.

BUCO

1445GE





HYDRAULIC PRESSES FOR EXTRACTORS

1446A **GEDORE**
1446B



Orig. Gedore

Reduced dimensions, high efficiency.
Interposed between the terminal of the pressure screw and the piece to be extracted, they increase the extraction power evenly, without causing damage to the extracted parts.

Art.		1446A	1446B
Pressure	t.	8	15
Piston stroke	mm	10	15
Head height	mm	75	90
Weight	Kg	0,7	1,3
Supplier code		1.55/1	1.55/2
Each		210,00	246,00

1446G 1 **BUCO**
1446G 2



Orig. Buco

Product description as Art. 1446A

Art.		1446G 1	1446G 2
Pressure	t.	8	15
Piston stroke	mm	8	12
Head height	mm	50	75
Weight	Kg	0,5	1,8
Supplier code		15	15
Each		225,00	263,00

COIL SPRING COMPRESSORS

1446GA **GEDORE**



Orig. Gedore

Extraction system with a hydraulic hand lever pump, separated from the thrust hydraulic cylinder. When used in combination with the dedicated pullers, it performs heavy duty extractions, straightening and repair works.

Hand lever pump provided with 1.5m high pressure flexible pipe.

Thrust hydraulic cylinder, max. pressure 10 t, Ø body thread MF 55x2, Ø thrust piston thread G 1.1/4.

Piston stroke	mm	140	200
Weight	Kg	14	15,1
Supplier code		1.50/10	1.50/11
1446GA	Each	2.600,00	2.840,00

1446GAF **GEDORE**



15

Altre misure da usare con 1446GAL

Extensions for hydraulic extractor pistons Art. 1446 GA 140-200. The 15 mm length also serves as protection for the piston. For lengths of between 45 and 205 mm, the adapter Art. 1446 GAL is required.

Useful length	mm	15	45	125	205
Overall length	mm	43	95	170	250
Supplier code		1.51/V015	1.51/V045	1.51/V125	1.51/V205
1446GAF	Each	133,00	125,00	144,00	161,00

1446GAL **GEDORE**



Orig. Gedore - Art. 1.51/A-2

Adapter for installing of extentions Art. 1446 GAF 45 -125 - 205 on hydraulic extractor pistons Art. 1446 GA 140 - 200.

1446GAL	Each	77,10
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Orig. Gedore - Art. 1.06/40

Hardened steel body, CHROME-VANADIUM steel arms.
 Heavy type for heavy-duty works, with clamp for both inside/outside use.
 Normal and long arms, interchangeable. This kind of arms ensures parallel traction stresses.
 TWO-ARM PULLERS FOR ART. 1446 GA
 Threaded hole MF 55x2.

Opening	mm	520
Useful length	mm	200
Maximum pressure	t	10
Weight	Kg	11
1446GB	Each	538,00

GEDORE

1446GB



For a puller having similar characteristics but with three arms and a 450mm opening, see Art. 1433 GH.

Orig. Gedore

Hardened steel body, CHROME-VANADIUM steel arms.
 Fixed type, heavy for heavy-duty works.
 Self-tightening arms.
 THREE-ARM PULLERS FOR ART. 1446 GA
 Threaded hole MF 55x2.
 Max. pressure 12 t.

Opening	mm	300	425
Useful length	mm	300	425
Weight	Kg	9,1	12,4
Supplier code		1.17/10	1.17/20
1446GC	Each	537,00	573,00

GEDORE

1446GC



Hardened steel body, CHROME-VANADIUM steel arms.
 Adjustable type, heavy for heavy-duty works, with clamp for both inside/outside use.
 Self-tightening arms.
 THREE-ARM PULLERS FOR ART. 1446 GA
 Threaded hole MF 55x2.
 Max. pressure 12 t.

Opening	mm	250	280
Useful length	mm	260	390
Weight	Kg	9	9,2
Supplier code		1.15/30	1.15/40
1446GE	Each	398,00	464,00

GEDORE

1446GE



PULLERS FOR PLASTIC FANS

Orig. Buco - Art. 904

Suitable for the extraction of electric motor fans.
 Thin arms are inserted into the spokes of the fan to reach and grab the hub.

Number of arms		2
Arms opening	mm	0-200
Useful length	mm	200
Weight	Kg	0,8
1447GA	Each	118,00

BUCO

1447GA



Orig. Buco - Art. 905

Product description as Art. 1447GA

Number of arms		3
Arms opening	mm	0-200
Useful length	mm	200
Weight	Kg	1,1
1447GB	Each	158,00

BUCO

1447GB





COIL SPRING COMPRESSORS

1450A **GEDORE****Orig. Gedore**

Suitable for compressing and blocking expansion springs, even with few turns but very strong (up to 2000Kg).

Devices made up of a couple of threaded bars complete with 2 sliding toes and pressure nuts. The device is also equipped with a SAFETY ARC for a proper positioning so as to avoid accidental detachments.

Size		1	2	3
Max use length	mm	180	280	380
Weight	Kg	2,2	2,5	2,8
Supplier code		1.78/S1	1.78/S2	1.78/S3
1450A	Per pair	185,00	219,00	230,00

Size 1 is running out of stock.

1450G

**Orig. Buco - Art. 909**

To be used in couple. Each one is composed of a threaded bar, two sliding toes and nuts. Suitable for compressing and blocking expansion springs with few turns but very strong.

Size		1	2	3
Max use length	mm	200	300	400
1450G	Per pair	131,00	138,00	151,00

COIL SPRING COMPRESSORS

1455G

**Orig. Buco - Art. 99/S1**

Body in special forged steel.

To be used in couple.

Suitable for quickly and safely forcing open pipe DIN flanges, e.g. to replace gaskets.

Suitable for flanges Ø 80 to 250mm, for flanges with screws from M 16 to M 24.

1455G	Per pair	479,00
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COIL SPRING COMPRESSORS

1455GA **GEDORE**

Mis. 2-4-8
cuspidi reversibile

Orig. Gedore

THREADED HAND SPINDLES FOR PULLERS

Dimensions 2 - 4 - 8 are provided with interchangeable and reversible tip.

Size		1	2	3	4	5
Screw thread		M 14x1,5	M 14x1,5	G 1/2"	G 1/2"	G 1/2"
Length	mm	140	140	210	210	250
Supplier code		1.1406140	1.1406140KS	1.2106210	1.2106210KS	1.2106250
1455GA	Each	24,90	26,40	40,50	43,40	68,80
Size		6	7	8	9	10
Screw thread		G 1/2"	G 3/4"	G 3/4"	G 1"	G 1"
Length	mm	350	280	280	310	360
Supplier code		1.2106350	1.2606280	1.2606280KS	1.3306310	1.3306360
1455GA	Each	83,10	64,10	66,60	108,00	113,00



THREADED HAND SPINDLES FOR PULLERS

Allow to increase the extraction force while easing user operation.

Hydraulic piston stroke 12mm.

Screw thread	inch	1/2	3/4	1
Length	mm	350	420	465
Max pressure	t.	10	12	15
For extractors Art.		1424GL 160-200 / 1425GR 160-200 / 1425GT 170-210 / 1433GDP 160-200 / 1434G 160-200 / 1434G 160-200	1424GL 250-350 / 1425GR 250-350 / 1425GT 250-340 / 1433GDP 250 / 1434G 250 / 1434GA 250	1424GL 520-640 / 1433GH
Supplier code		1.06/HSP1	1.06/HSP2	1.06/HSP3
1455GB	Each	425,00	473,00	580,00



1455GB



EXTRACTORS OF GLAND PACKINGS

Prod. SCU

Flexible extractors with fixed helical tip ideal for the extraction of exhausted gland packings. Steel grip.

Tip Ø	mm	4	6	8	10
Packing section	mm	4-6	8-12,5	13-18	> 19
Dimensions	mm	200x80	210x80	270x100	320x100
1457	Each	68,30	82,50	104,00	145,00



1457
new

5

SET OF EXTRACTORS OF GLAND PACKINGS

Prod. SCU

Assortment of 4 extractors Art. 1457 4 - 6 - 8 - 10.

1457A	Each	95,60
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1457A
new

GLAND PACKING CUTTERS

Prod. SCU

Tools made of sturdy aluminum profile suitable for cutting with 45 ° inclination of the gland packings directly from the reel, without scrap or waste. Complete with sharp knife with stainless steel blades.

Maximum cutting diameter of the stuffing box 30 mm.

Dimensions mm 740x100x40.

1457E	Each	825,00
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1457E
new

We recommend fixing the cutting device with a clamp (eg. item 5240 GE 180/230) to the workbench to avoid accidental injuries.



NEW ITEMS GROUP 6



1543R

90° angle brackets for drills and screwdrivers to apply to the spindles
▶ P. 451



1543T

90° angle brackets for drills and screwdrivers to apply to the couplings
▶ P. 451



1582A

Rotary tailstocks for turning and grinding of pipes and hollow bodies
▶ P. 471



1594A

Lathe dogs, aluminum body, steel screw
▶ P. 476



1595E

Lathe dogs, automatic type, in hardened steel
▶ P. 476



ORDERS AND REMINDERS

Here are the Sicutool applications dedicated to the management of reminders and offers (end users), orders, order status, transport documents, order and shipment tracking, invoices (distributors).

These are the **m.sicutool.it** and **MySCU** web applications, the **SOL Desktop** PC software and the **SOL app** for iPad, all available on www.sicutool.it



TOOLS AND ACCESSORIES FOR MACHINE TOOLS

All items are in sequence. It's very easy to find them!

Tapping and threading devices



From **1460G**
To **1478**

Three jaw chucks
Self tightening drill chucks
Angular three jaw-chucks
Extensions for drills
Studs for chucks
Adapters for chucks



From **1490G**
To **1546GF**

Morse taper drill sockets
Reducing sleeves
Increasing sleeves
Morse taper sockets ejectors



From **1551**
To **1555Z**

Quick change chucks and accessories
Floating chucks
Chucks for machine tools, CN, CNC
Tullstuds
Locking collars for pinchers holders chucks
CENTER P high speedness chucks
ER pinchers holders - Compensated pinchers
CNC chucks vices - 3D tasters



From **1556G**
To **1562V**

Self-centring chucks with 3 or 4 jaw sets
Face plates
Revolving and dead centres
Tools blocks



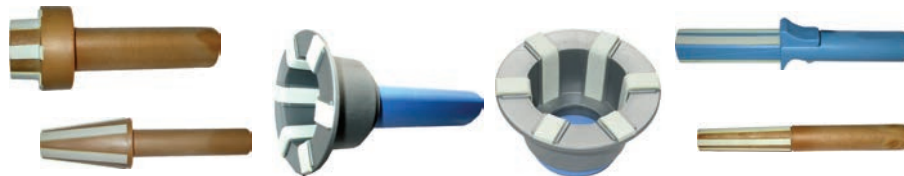
From **1563P**
To **1587**

Knurling tools
Knurl holders
Lathe dogs



From **1592GA**
To **1595E**

Cleaners for conic shanks
Cleaners for cylindric shanks



From **1596G**
To **1599G**

Systems for lubricating,
blowing and sucking



From **1601G**
To **1635G**



SELF-OPENING DIEHEADS

1460G

SCU



Prod. SCU - Sistema Rubometric

With self-opening chasers.
Manual closing. Threading adjustment.
With bore, used for long threads.
Supplied without chasers.

Size		A	B	C	D
For threads Whitworth	inch	3/32-5/16	3/16-9/16	1/4-3/4	3/8-1
For metric threading	M.	2-8	4-14	6-18	10-24
Drive Ø	mm	16	26	40	40
1460G	Each	2.650,00	3.090,00	3.620,00	4.120,00

Product running out of stock.

1461G

SCU



THREAD CHASERS ART. 1460 G

In SUPER RAPID HSS steel. Ground slipping surfaces.

Set of 4 chasers.

When placing the order, please specify size, diameter and lead.

Size		A	A	A	A	A	A	A	A	A	B	B	B	B	B	
Threads Ø and pitch	mm	2x0.4	3x0.5	3.5x0.6	4x0.5	4x0.7	5x0.8	6x0.75	6x1	8x1	8x1.25	4x0.7	5x0.8	6x0.75	8x1	8x1.25
1461G	Series	564,00	564,00	564,00	564,00	564,00	564,00	564,00	564,00	564,00	564,00	603,00	603,00	603,00	603,00	603,00
Size		B	B	B	B	B	B	C	C	C	C	B	B	B	B	B
Threads Ø and pitch	mm	10x1	10x1.5	12x1	12x1.5	12x1.75	14x1.5	14x2	6x1	8x1	8x1.25	10x1	10x1.5	12x1	12x1.5	12x1.75
1461G	Series	603,00	603,00	603,00	603,00	603,00	603,00	603,00	650,00	650,00	650,00	650,00	650,00	650,00	650,00	650,00
Size		C	C	C	C	C	C	D	D	D	D	D	D	D	D	D
Threads Ø and pitch	mm	14x1	14x1.5	16x1	16x1.5	16x2	18x1.5	18x2.5	10x1	12x1	12x1.5	12x1.75	14x1	14x1.5	14x2	16x1
1461G	Series	650,00	650,00	650,00	650,00	650,00	650,00	650,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00
Size		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Threads Ø and pitch	mm	16x1.5	16x2	18x1.5	18x2.5	20x1	20x1.5	20x2.5	22x1.5	22x2.5	24x1.5	24x2	24x3			
1461G	Series	799,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00	799,00

Product running out of stock.

TAPPING AND THREADING DEVICES

1465A

SCU



Prod. SCU

In ground treated steel. Combined type for tapping and threading by using round dies. Adjustable clutch.

For right/left use. Suitable for drills and lathes with reversal gear.

Chuck without device.

Size		2
Drive	C.M.	2
Dye fitting Ø	mm	50
Reduction bushes Ø	mm	30-38-45
For metric tapping by	M.	10 - 20
For thread by	M.	10 - 20
Chuck length without drive	mm	100
1465A	Each	434,00

Product running out of stock.

TAPPING DEVICES

1465F

SCU



Prod. SCU

Type with tap holder quick change heads for quick tap change and axial compensation. For right/left use. Suitable for drills and lathes with reverse gear. To be used in combination with quick change heads Art. 1465 P-V (for Art. 1465 F 1)/ 1465 R (for Art.1465 F 2)/ 1465 S (for Art. 1465 F 3).

Size		1	2	3
Drive	C.M.	2	3	4
For threads Metric	M.	3-12	8-20	14-33
L body length	mm	42	67	105
De body Ø	mm	36	53	78
D heads drive Ø	mm	19	31	48
1465F	Each	303,00	373,00	844,00

Prices in EURO . VAT not included

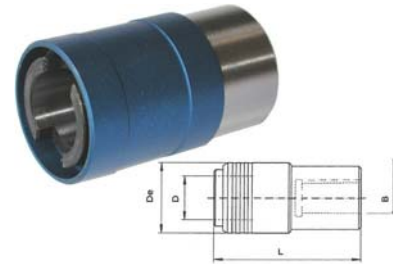


Rapid change cartridge model with a male holder for replacing the male section without having to amend the axels. For R+L hand use. Suitable for drills and machines which can operate in reverse mode. Can be used in combination with rapid-change cartridges Art. 1465 P-V.

Size	1	2
Drive	B12	B16
For threads Metric	M. 3-12	3-12
L body length	mm 56	65
De body Ø	mm 32	32
D heads drive Ø	mm 19	19
1465G	Each 189,00	207,00

SCU

1465G



QUICK CHANGE ADAPTORS

Prod. SCU

In special steel, finely worked.

Suitable for tapping heads 1465F 1 and 1472 E 1-1A.

Dimensions (mm): De=30 D=19 L1=17 L2=4 L3=21,5 L=7.

Male drive Ø	mm	3,5	4	4,5	6	7	8	9	10
1465P	Each	37,80	37,80	37,80	37,80	37,80	37,80	37,80	37,80

Product description as Art. 1465P

Suitable for tapping heads 1465 F 2 and 1472 E 2-2A.

Dimensions (mm): De=48 D=31 L1=30 L2=5 L3=35 L=11.

Male drive Ø	mm	7	8	9	10	11	12	14
1465R	Each	48,60	48,60	48,60	48,60	48,60	48,60	48,60

Male drive Ø	mm	16	18
1465R	Each	48,60	48,60

Product description as Art. 1465P

Suitable for tapping heads 1465 F 3.

Dimensions (mm): De=70 D=48 L1=44 L2=6 L3=55,5 L=14.

Male drive Ø	mm	11	12	14	16	18	20	22	25
1465S	Each	186,00	186,00	186,00	186,00	186,00	186,00	186,00	186,00

SCU

1465P
1465R
1465S



6

SAFETY CLUTCH model made from finely processed special steel.

Suitable for tap screws 1465 F 1 / 1465 G 1-2 e 1472 E 1-1A.

Dimensions (mm): De=32 D=19 L1=17 L2=25 L3=21,5 L=25.

Male drive Ø	mm	3,5	4	4,5	6	7	8	9	10
1465V	Each	85,50	85,50	85,50	85,50	85,50	85,50	85,50	85,50

SCU

1465V



TAPPING AND THREADING DEVICES

Prod. SCU

TAP HOLDER CHUCKS

Fixed type, suitable for lathes with reversal gear.

Precision pattern, tap clamping, self-centring. Special steel body, slipping and internal parts hardened and ground. With tightening wrench.

Art.	1466GA	1466GB	1466GC
Int. cylindrical drive Ø	mm 12	20	25
For male drive framework by	2,1-4,9	2,7-9	3,4-14,5
Tapping field by	M. 1-6	3-16	4-24
Each	473,00	641,00	854,00

SCU

1466GA
1466GB
1466GC





1466GE
1466GL
1466GP
1466GR
1466GS



DIE-HOLDER CHUCKS.
 Fixed type, suitable for lathes with reversal gear.
 Precision pattern, clamping of the die with screw. Special steel body.
 With tightening wrench.

Art.		1466GE	1466GL	1466GP	1466GR	1466GS
Int. cylindrical drive Ø	mm	12	20	20	25	25
For dyes Ø	mm	20x7	38x14	45x18	55x22	65x25
Each		137,00	216,00	239,00	330,00	397,00

REDUCERS

Reducers for Art. 1466 GE Ø 20mm to Ø 16.

O1466GT 1	Each	40,90
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Reducers for Art. 1466 GL Ø 38mm to Ø 20x7.

O1466GT 2	Each	101,00
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Reducers for Art. 1466 GL Ø 38mm to Ø 25.

O1466GT 3	Each	81,80
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Reducers for Art. 1466 GL Ø 38mm to Ø 30.

O1466GT 4	Each	81,80
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THICKNESSES

Thickness for Art. 1466 GE for tapping heads 20x5mm.

O1466GT 5	Each	12,20
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Thickness for Art. 1466 GL for tapping heads 38x10mm.

O1466GT 6	Each	28,70
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Thickness for Art. 1466 GP for tapping heads 45x14mm.

O1466GT 7	Each	33,80
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Thickness for Art. 1466 GR for tapping heads 55x16mm.

O1466GT 8	Each	38,40
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Thickness for Art. 1466 GS for tapping heads 65x18mm.

O1466GT 9	Each	51,70
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6

1467GA
1467GB
1467GE
1467GF
1467GL
1467GP



MORSE TAPER SHANKS FOR TAP AND DIE HOLDERS

External cylindrical shank 12mm with Morse taper 1 for Art. 1466 GA - 1466 GE.

1467GA	Each	139,00
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External cylindrical shank 12mm with Morse taper 2 for Art. 1466 GA - 1466 GE.

1467GB	Each	143,00
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External cylindrical shank 20mm with Morse taper 2 for Art. 1466 GB - 1466 GL - 1466 GP.

1467GE	Each	181,00
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External cylindrical shank 20mm with Morse taper 3 for Art. 1466 GB - 1466 GL - 1466 GP.

1467GF	Each	212,00
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External cylindrical shank 25mm with Morse taper 3 for Art. 1466 GC - 1466 GR - 1466 GS.

1467GL	Each	295,00
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External cylindrical shank 25mm with Morse taper 4 for Art. 1466 GC - 1466 GR - 1466 GS.

1467GP	Each	336,00
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1467GR
1467GS
1467GT



CLUTCH SHANKS FOR TAP AND DIE HOLDERS

With adjustable taps and dies saving clutch. Special steel body, internal and slipping parts hardened and ground.

Art.		1467GR	1467GS	1467GT
Ext. cylindrical drive Ø	mm	20	20	25
Drive	C.M.	2	3	4
Threading field	M.	6-12	8-16	12-24
For tap holder / dyes holder		1466 GB / 1466 GL-P	1466 GB / 1466 GL-P	1466 GC / 1466 GR-S
Each		950,00	1.210,00	1.600,00

TAP HOLDER CHUCKS

1470L
1470M
1470P



Prod. SCU

Female conical shank.
 With self-balancing head. Internal and slipping parts hardened and ground.

Art.		1470L	1470M	1470P
For DIN drive		B16	B16	B18
For male shank by	mm	3-10	8-14	10-20
Tapping field by	M.	3-12	10-18	14-28
Chuck height drive excluded	mm	50	60	70
Each		292,00	323,00	378,00



Morse taper shank.
With self-balancing head. Internal and slipping parts hardened and ground.

Art.		1470R	1470S	1470T
Drive	C.M.	1	2	3
For male shank by	mm	3-10	8-14	10-20
Tapping field by	M.	3-12	10-18	14-28
Chuck height cone excluded	mm	50	60	70
	Each	299,00	339,00	409,00



1470R
1470S
1470T

TAPPING DEVICES

Prod. SCU

With adjustable clutch. Automatic turn.
With double-clamping tap holder chuck, centring jaws and terminals for male square drive locking.

Size		1A	2	2A	3	
For threads Whitworth	inch	1/8-3/8	5/16-5/8	5/16-5/8	9/16-1	
For metric threading	M.	3-10	8-16	8-16	12-24	
Drive	C.M.	2	2	3	3	
	1472	Each	927,00	1.030,00	1.030,00	1.290,00

Spare parts available on request .



1472

Type with adjustable clutch. Automatic reversing.
With tap holder quick change heads for quick tap change.
To be used in combination with quick change heads Art. 1465 P - V (for Art. 1472E 1-1A)/ Art. 1465R (for Art. 1472E 2-2A-3).

Size		1A	2	2A	3	
For threads Metric	M.	3-10	8-16	8-16	12-24	
For threads Whitworth	inch	1/8-3/8	5/16-5/8	5/16-5/8	9/16-1	
Drive	C.M.	2	2	3	3	
	1472E	Each	942,00	1.040,00	1.040,00	1.300,00

Spare parts available on request .



1472E

Clutch type. Without automatic turn.
With adjustable clutch, suitable for machines with reversal gear.

Size		1	2	3	
For threads Whitworth	inch	1/8-3/8	5/16-5/8	1/2-7/8	
For metric threading	M.	3-10	8-16	12-22	
Drive	C.M.	2	3	4	
	1473	Each	531,00	611,00	799,00

Spare parts available on request .



1473

High-precision type with compression compensation (Size 10 and 16: approx. 3.5mm / Size24: approx. 4mm) and traction (Size 10 and 16: approx. 10mm / Size 24: approx. 15mm). For drills, tapping machines, milling machines, standard lathes and NC machines, with reversal gear.
To be used with elastic pliers type ER-DIN 6499/ISO 15488.

Size		10	16	24	
For metric threading	M.	3-10	8-16	12-24	
Height L	mm	47	104	105	
Height De	mm	43	49	58	
Elastic pliers for Art.		1561 GF	1561 GL	1561 GN	
Cylindrical drive Ø	mm	25	25	32	
	1475	Each	487,00	603,00	871,00

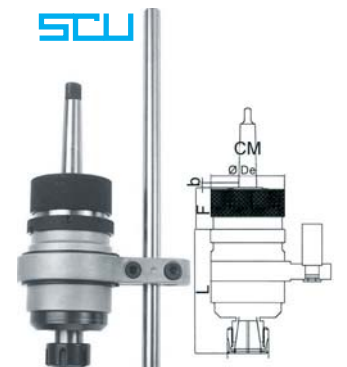


1475

High rotation precision, suitable for pillar drills.
With adjustable clutch. Automatic turn.
To be used with ER-DIN 6499/ISO 15488 collets.

Size		10	10A	16	16A	22A	
For metric threading	M.	3-10	3-10	8-16	8-16	10-22	
Drive	CM 2	cyl. 25	CM 3	cyl. 25	cyl. 25	cyl. 32	
Height L	mm	120	120	125	125	153	
Height De	mm	67	67	75	75	90	
Height F	mm	35	35	42	42	43	
Elastic pliers for Art.		1561 GF	1561 GF	1561 GL	1561 GL	1561 GN	
	1477	Each	1.580,00	1.580,00	1.740,00	1.740,00	1.950,00

Product running out of stock.

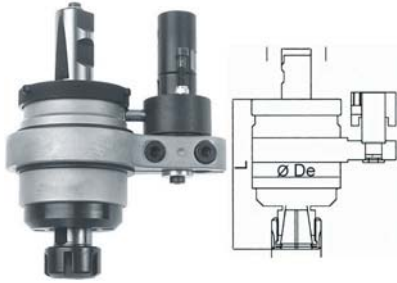


1477



1478

SCU



Very high precision, particularly suitable for CNC. Automatic turn, without adjustable clutch, for high-speed use.

To be used with ER-DIN 6499/ISO 15488 collets.

Size		10	16
For metric threading	M.	3-10	8-16
Height L	mm	120	125
Height De	mm	66	75
Elastic pliers for Art.		1561 GF	1561 GL
Cylindrical drive Ø	mm	25	25
1478	Each	1.360,00	1.450,00

Product running out of stock.

THREE-JAWS CHUCKS

1490G
1491G

SCU



Prod. SCU

LIGHT VERSION for portable rotation and hammer drills.

Red series

For Black & Decker, male shank 3/8x24.

For drill bits 0-10mm.

1490G	Each	19,40
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Product description as Art. 1490G

For Black & Decker, male shank 3/8x24.

1491G	Each	25,30
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1495G

SCU



Product description as Art. 1490G

Red series

For AEG, BOSCH, PEUGEOT, METABO, SKIL, etc.

Type		10	10A	10P	10R	10T	13A	13B
For tips Ø	mm	0-10	0-10	0-10	0-10	0-10	1,5-13	1,5-13
Drive		3/8-24	1/2-20	3/8-24	1/2-20	B12	3/8-24	1/2-20
Drive type		Thread.	Thread.	Thread.	Thread.	DIN	Thread.	Thread.
For rotation		right	right	R + L	R + L	right	right	right
1495G	Each	19,40	19,40	19,40	19,40	19,40	25,30	25,30

Type		13E	13L	13P
For tips Ø	mm	1,5-13	1,5-13	1,5-13
Drive		3/8-24	1/2-20	B12
Drive type		Thread.	Thread.	DIN
For rotation		R + L	R + L	right
1495G	Each	25,30	25,30	25,30

Art. 1495G 10P-10R-13E-13L are suitable for reverse rotation drills (Right + Left)

1500G

SCU



PROFESSIONAL VERSION for rotation and hammer drills.

Steel body, hardened and ground jaws.

Yellow series

Type		8	10	10A	10B	10C	10E	10F	13A	13B
For tips Ø	mm	0,3-8	0,5-10	0,5-10	0,5-10	0,5-10	0,5-10	0,5-10	1,5-13	1,5-13
Drive		B12	B12	J2	3/8-24	1/2-20	3/8-24	1/2-20	B16	J2
Drive type		DIN	DIN	Jacobs	Thread.	Thread.	Thread.	Thread.	DIN	Jacobs
For rotation		right	right	right	right	right	R + L	R + L	right	right
1500G	Each	30,10	33,40	33,40	33,40	33,40	33,40	33,40	43,10	43,10

Type		13C	13CC	13D	13E	16	16/1	16A	16B	16C
For tips Ø	mm	1,5-13	1,5-13	1,5-13	1,5-13	2,5-16	2,5-16	2,5-16	2,5-16	2,5-16
Drive		3/8-24	3/8-24	1/2-20	1/2-20	B16	B18	J6	1/2-20	1/2-20
Drive type		Thread.	Thread.	Thread.	Thread.	DIN	DIN	Jacobs	Thread.	Thread.
For rotation		right	R + L	right	R + L	right	right	right	right	R + L
1500G	Each	43,10	43,10	43,10	43,10	57,60	57,60	57,60	57,60	57,60

The Art. 1500G 10E-10F-13CC-13E-16C are suitable for drills with rotation reversal (Right + Left)

1503G

SCU



HIGH-PRECISION INDUSTRIAL VERSION for radial drills, lathes and milling machines.

Steel body, hardened and ground jaws.

Blue series

Type		6	8	10	13	13A	15	16	20	26
For tips Ø	mm	0-6	0-8	0-10	0-13	0-13	2,5-16	1-16	5-20	5-26
Drive		B10	B12	B16	B16	B18	B18	B18	B22	B24
Drive type		DIN	DIN	DIN	DIN	DIN	DIN	DIN	DIN	DIN
For rotation		right	right	right	right	right	right	right	right	right
1503G	Each	34,70	38,10	41,40	56,10	56,10	64,30	72,10	99,50	193,00

Prices in EURO . VAT not included



SPARE WRENCHES FOR THREE-JAWS CHUCKS

Wrenches for Art. 1490 G. pin Ø 6mm.
1505G Each **1,52**

Wrenches for Art.1491 G, 1495 G (for all types) and for Art. 1500 G 10-10A-10B-10C-10E-10F-13A-13B-13C-13CC-13D-13E - 1503 G 8-10. pin Ø 6mm.
1507G Each **2,26**

Wrenches for Art. 1500 G 8 - 1503 G 6. pin Ø 4mm.
1508G Each **1,74**

Wrenches for Art. 1500 G 16-16/1-16A-16B-16C - 1503 G 13-13A-15-16-20. pin Ø 8mm.
1511G Each **3,28**

Wrenches for Art. 1503 G 26. pin Ø 9,5mm.
1512G Each **8,90**

SCU



1505G
1507G
1508G
1511G
1512G

CHUCKS WITHOUT WRENCH

Prod. SCU

For electric and battery drills, with RIGHT/LEFT rotation and hammer.
 Rapid closing system without wrench, locking by rotation of chuck body.
 Synthetic material coated body and steel operating parts.

Type		10	10A	13
For tips Ø	mm	0,5-10	0,5-10	1,5-13
Drive		3/8-24	1/2-20	3/8-24
Drive type		Thread.	Thread.	Thread.
1512GE	Each	33,70	33,70	43,10

SCU



1512GE

PROFESSIONAL PERFORMANCE for electric and battery powered drills with L+R rotation and percussion features.

Rapid closing keyless entry with radial locking function by rotating the chuck body.
 Body covered in reinforced plastic and working components made from steel.

Type		10	10A	10B	13	13A	13B	13C
For tips Ø	mm	0,5-10	0,5-10	0,5-10	1,5-13	1,5-13	1,5-13	1,5-13
Drive		3/8-24	1/2-20	6,3-1/4	3/8-24	1/2-20	B12	10
Drive type		Thread.	Thread.	Hexag. Female	Thread.	Thread.	DIN	SDS plus
1512GP	Each	47,10	47,10	56,10	49,30	49,30	53,40	65,40

SCU



1512GP

PROFESSIONAL type for electric and battery powered drills with L+R rotation and percussion features.

Keyless rapid closing with radial locking function by rotating the chuck body.
 Body and working components in steel.

Type		13	13A	13B	13C
For tips Ø	mm	1,5-13	1,5-13	1,5-13	1,5-13
Drive		3/8-24	1/2-20	B12	10
Drive type		Thread.	Thread.	DIN	SDS plus
1513GA	Each	65,80	65,80	65,80	83,70

SCU



1513GA

PROFESSIONAL type for electric and battery powered drills with L+R rotation and percussion features.

Keyless rapid closing with radial locking function by rotating the chuck body.
 Body and working components in steel and HARD METAL jaws for providing maximum strength and durability.

Type		13A	13B
For tips Ø	mm	1,5-13	1,5-13
Drive		1/2-20	B12
Drive type		Thread.	DIN
1513GF	Each	84,30	84,30

SCU



1513GF

SELF-TIGHTENING CHUCKS

Prod. SCU

INDUSTRIAL VERSION for rotation and hammer drills.
 Steel body, ground and hardened jaws.

Type		10	10A	10B	10C	13	13A	13B
For tips Ø	mm	1-10	1-10	1-10	1-10	1-13	1,5-13	1-13
Drive		B12	J2	3/8-24	1/2-20	B12	B16	J2
Drive type		DIN	Jacobs	Thread.	Thread.	DIN	DIN	Jacobs
1515	Each	63,40	72,90	63,40	63,40	91,10	69,50	96,10

SCU



1515

Type		13C	16	16A	16B	16C
For tips Ø	mm	1,5-13	3-16	3-16	3-16	3-16
Drive		1/2-20	B16	B18	J6	1/2-20
Drive type		Thread.	DIN	DIN	Jacobs	Thread.
1515	Each	65,50	87,10	87,10	87,10	87,10



1516G

SCU

**Prod. SCU - Röhm - Supra S**

INDUSTRIAL VERSION for rotation and hammer drills.

Steel body, ground and hardened jaws.

Type		10A	10B	10C	13	13B	16	16A	16B
For tips Ø	mm	0,5-10	0,5-10	0,5-10	1-13	1-13	3-16	3-16	3-16
Drive		J1	3/8-24	1/2-20	B12	1/2-20	B16	J6	1/2-20
Drive type		Jacobs	Thread	Thread	DIN	Thread	DIN	Jacobs	Thread
1516G	Each	127,00	107,00	102,00	123,00	124,00	158,00	175,00	154,00

1517

SCU

**Prod. SCU**

PROFESSIONAL VERSION WITH LOCKING COLLAR for maximum locking safety.

Steel body, ground and hardened jaws.

Type		10	10A	13	13A
For tips Ø	mm	1-10	1-10	1-13	1-13
Drive		3/8-24	1/2-20	3/8-24	1/2-20
Drive type		Thread.	Thread.	Thread.	Thread.
1517	Each	82,10	82,10	83,40	83,40

1518G

SCU

**Prod. SCU - Röhm - Supra SK**

INDUSTRIAL VERSION WITH LOCKING COLLAR for maximum locking safety also in case of heavy vibrations and percussions.

Steel body, ground and hardened jaws.

Type		10	10B	13	13A	13C
For tips Ø	mm	0,5-10	0,5-10	1-13	1-13	1-13
Drive		B12	3/8-24	B12	B16	1/2-20
Drive type		DIN	Thread.	DIN	DIN	Thread.
1518G	Each	119,00	119,00	147,00	147,00	147,00

1520G

SCU

**Prod. SCU - Röhm - Supra**

INDUSTRIAL VERSION, HEAVY, HIGH-PRECISION. Suitable for use on radial drills, lathes and milling machines.

Steel body, ground and hardened jaws.

Type		4	6	8	10	10A	10B	10C
For tips Ø	mm	0-4	0-6,5	0-8	0-10	0-10	0-10	0-10
Drive		B10	B12	B12	B12	B16	B16	3/8-24
Drive type		DIN	DIN	DIN	DIN	DIN	Thread.	Thread.
1520G	Each	132,00	99,70	97,90	115,00	115,00	123,00	107,00
Type		13	13A	13C	16	16A		
For tips Ø	mm	1-13	1-13	1-13	3-16	3-16		
Drive		B16	1/2-20	J2	B16	B18		
Drive type		DIN	Thread.	Jacobs	DIN	DIN		
1520G	Each	138,00	159,00	159,00	162,00	162,00		

Sizes 10B - 10C running out of stock

1523G

SCU

**Prod. SCU - Röhm - Spiro**

INDUSTRIAL VERSION, HEAVY, HIGH-PRECISION.

Suitable for industrial use on pillar drills, boring machines, NC tool machines, etc. Steel body.

Sliding parts fully hardened and ground.

Type		4	6	8	10	10A	13	16	16A
For tips Ø	mm	0-4	0-6,5	0-8	0-10	0-10	1-13	3-16	3-16
Drive		B10	B12	B12	B12	B16	B16	B16	B18
Drive type		DIN	DIN	DIN	DIN	DIN	DIN	DIN	DIN
1523G	Each	274,00	324,00	301,00	362,00	362,00	387,00	445,00	445,00

Sizes 4 - 8 running out of stock

1525G

SCU

**Prod. SCU**

INDUSTRIAL PERFORMANCE PRECISION.

For industrial related use on drill presses, boring machines, numerically programmed machine tools, etc. Steel bodywork. Sliding parts are fully hardened and ground.

Rotation precision 0.04mm.

Type		6	8	10	13	16	16A
For tips Ø	mm	0,3-6,5	0,3-8	0,3-10	0,3-13	3-16	3-16
Drive		B10	B12	B12	B16	B16	B18
Drive type		DIN	DIN	DIN	DIN	DIN	DIN
1525G	Each	136,00	131,00	140,00	160,00	185,00	185,00



RIGID EXTENSION FOR DRILL

Prod. SCU

To be fixed to portable drill chuck for drilling in areas difficult to access. Hexagonal shank ø 9mm. In steel, with aluminum sleeve sliding on ball bearings to provide stability and direction to the drilling. For RIGHT/LEFT rotation, 3/8x24 male shank with locking screw. Length 300 mm. Without chuck.

SCU

1540



1540 Each 36,50

90 ° ANGLE ADAPTORS FOR DRILLS AND SCREWDRIVERS

Prod. SCU

Magnetic type with hexagonal connection for BITS 1/4" coupling DIN 3126 D6.3. To be fitted to the spindle of portable drills, for screwing with 90 ° angle. For right and left rotation. Clamping hexagonal drive 9 mm. In cast aluminum. Max. length of connection side bits mm 43 c.ca. Max length of drill attachment side mm 139 c.ca. Max rotation speed 2100 rpm. Torque maximum 29.4 Nm.

SCU

1543R
new



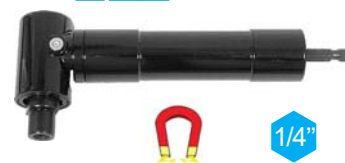
1543R Each 85,10

During the use of the angular transmission, the drill must be adjusted in rotation position (not percussion).

Magnetic type with hexagonal connection for BITS 1/4" connection DIN 3126 D6.3. To be applied to the 1/4" hexagonal DIN 3126 E6.3 of the screwdrivers, to obtain 90 ° angle spindles. For right and left rotation. In cast aluminum. Max. Length of the attack side bits mm 43 c.ca. Max length of drill bit side mm 139 c.ca. Max rotation speed 2100 rpm. Maximum torque 29.4 Nm.

SCU

1543T
new



1543T Each 84,40

During the use of the angular transmission, the drill must be adjusted in rotation position (not percussion).

To be fixed to portable drill chuck for 90° angle drilling. For RIGHT/LEFT rotation. Hexagonal shank ø 9mm. In cast aluminium. 3/8x24 male shank, without chuck. Chuck shank max length approx. 43mm Drill shank max length approx. 139mm Max rotation speed 2100 rpm. Maximum torque 29.4 Nm.

SCU

1544



1544 Each 79,90

For included chucks see Art. 1495 G 10P and 1500G 10E. While using the angular adaptor, the drill must be in the rotation mode (not in the percussion mode).

To be fixed to portable drill chuck for 90° angle drilling. For RIGHT/LEFT rotation. Hexagonal shank ø 9mm. In cast aluminium. With three-jaws chuck 1.5-10mm, 3/8x24 male shank and wrench. Chuck side max length approx. 143mm Shank side max length approx. 143mm Max rotation speed 2100 rpm. Maximum torque 29.4 Nm.

SCU

1545



1545 Each 94,40

For spare chucks up to 10mm, see Art. 1495 G 10P and 1500G 10E. When using angular chucks, the drill must be in the rotation mode (not in the percussion mode).

To be fixed to portable drill chuck for 90° angle drilling. For RIGHT/LEFT rotation. Hexagonal shank ø 9mm. In cast aluminium. Complete with chuck without wrench and rapid closing system 1.5-10mm, 3/8x24 male shank. Chuck side max length approx. 110mm Shank side max length approx. 147mm Max rotation speed 2100 rpm. Maximum torque 29.4 Nm.

SCU

1545A



1545A Each 110,00

For spare chucks up to 10mm, see Art. 1512 GE 10 and 1513G 10. When using angular chucks, the drill must be in the rotation mode (not in the percussion mode).



CHUCK ADAPTORS

1546GA
1546GB
1546GE
1546GF

SCU



Prod. SCU

For fitting chuck shanks into drills, screwdrivers, etc.

Suitable for transforming chucks with 1/2x20 female thread shank into 3/8x24 female thread.

1546GA	Each	2,46
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Product description as Art. 1546GA

Suitable for transforming chucks with 3/8x24 female thread shank into 3/8x24 male thread.

1546GB	Each	2,20
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Product description as Art. 1546GA

Suitable for transforming chucks with 1/2x20 female thread shank into 3/8x24 male thread.

1546GE	Each	4,02
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Product description as Art. 1546GA

Suitable for transforming chucks with 3/8x24 female thread shank into 1/4 E6,3 hexagonal shank.

1546GF	Each	3,66
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For adaptors with SDS-plus shank see Art. 1340GR_22.

CHUCK SHANKS

1551

SCU



Prod. SCU

In steel, fully hardened and ground.

For chucks with DIN 238/1 shank hole.

Size	A	B	C	D	DA	DD	E	F	G
Drive	C.M.	1	1	1	1	2	2	2	2
Type DIN 238/1		B10	B12	B16	B18	B10	B12	B16	B18
Max drive	mm	10,094	12,065	15,773	17,780	10,094	12,065	15,773	17,780
1551	Each	5,14	5,42	5,42	6,06	6,16	8,04	5,98	6,26

Size	GA	GG	GH	H	L	M	P	R	S
Drive	C.M.	3	3	3	3	4	4	4	4
Type DIN 238/1		B12	B16	B18	B22	B24	B16	B18	B22
Max drive	mm	12,065	15,773	17,780	21,793	23,825	15,773	17,780	21,793
1551	Each	8,88	8,04	8,04	8,50	15,70	12,40	12,40	15,70

1552

SCU



Product description as Art. 1551

For chucks with UNI 5887-66 Jacobs shank hole.

Size	1	2	3	4	5	6
Drive	C.M.	1	1	1	2	2
Max drive	mm	9,754	14,199	17,170	9,754	14,199
Type Jacobs UNI 5887-66		J1	J2	J6	J1	J2
1552	Each	5,36	5,36	5,36	6,22	6,22

REDUCING SLEEVES

1555

SCU



Prod. SCU

In steel, fully hardened and ground. Equipped with DIN 2185 ejection window.

Size	AO	A	B	C	D	E	F
Internal Morse cone	0	1	2	3	4	5	1
External Morse cone	1	2	3	4	5	6	3
1555	Each	8,04	8,04	9,86	16,50	23,00	54,80

Size	G	H	I	L	M
Internal Morse cone	2	2	3	1	4
External Morse cone	4	5	5	4	6
1555	Each	16,50	23,00	23,00	16,50

REDUCING AND INCREASING SLEEVES

1555P

SCU



Prod. SCU

Long pattern.

In steel. Fully ground and hardened.

With ejection window.

Size	10	11	12	13	14	14A	15
Internal Morse cone	1	2	1	2	3	1	2
External Morse cone	1	1	2	2	2	3	3
Overall length	mm	145	160	160	175	200	175
1555P	Each	16,90	19,90	18,10	22,10	25,10	23,60

Size	16	17	17A	18	19	20	21
Internal Morse cone	3	4	2	3	3	4	5
External Morse cone	3	3	4	4	5	5	6
Overall length	mm	215	240	215	240	268	390
1555P	Each	26,10	44,10	27,30	32,10	47,80	167,00



MORSE TAPER SOCKET EJECTORS

Prod. SCU

In printed steel. Burnished.

For Morse cones

		1-2	3	4	5-6
Overall length	mm	140	190	225	265
1555T	Each	4,58	7,48	11,10	20,10

SCU



1555T

In hardened steel, plastic-coated handle.

Semi-automatic for one hand use, for avoiding damaging the shank.

For Morse cones

		1-3	4-6
Overall length	mm	320	380
1555Z	Each	70,10	88,40

SCU



1555Z

QUICK CHANGE CHUCKS

Prod. SCU - Orig. Fahrion

In ground, hardened steel. Precision manufacture.

Quick change sockets Art.1557 GA without stopping the machine.

Suitable for all tools with Morse Taper shank.

Without sockets.

Type		1	2	3	4
Size		26	34	46	60
Drive	C.M.	2	3	4	5
Chuck length with drive	mm	150	176	222	282
Chuck body length	mm	70	75	100	125
1556G	Each	353,00	462,00	692,00	1.100,00

SCU



1556G

COLLETS

Prod. SCU - Orig. Fahrion

Fixed normal type. For chucks Art. 1556 G.

In ground, hardened steel. Precision type.

For drills and countersinks with Morse Taper shank, direct-attach construction.

For drills and countersinks with cylindrical shank, to be used with elastic sockets

Art. 1557 GF-H-L-M.

Type		1	1A	2A	2	2B	3A	3	3B	4A	4	5
For chuck Art. 1556G Type		1	1	2	2	2	3	3	3	4	4	4
For tips and conic. countersinks	mm	14	23	14	23	31,75	23	31,75	50	31,75	50	60
Bushes drive Art.1557 GF-H-L-M	C.M.	1	2	1	2	3	2	3	4	3	4	5
Overall length	mm	78	90	87	91	108	105	109	135	131	134	173
1557GA	Each	210,00	210,00	259,00	259,00	259,00	304,00	304,00	315,00	464,00	473,00	478,00

SCU



1557GA

TAP HOLDER SOCKETS

Prod. SCU - Orig. Fahrion

Clutch type.

Suitable for chuck Art. 1556 G.

In hardened and ground steel. High-precision finish.

Adjustable clutch to avoid tap breaking and ensure high-precision performances.

To be used with elastic sockets Art. 1557 GP-R-S-T.

Type		1	1A	2	2A	2B	3	3A
For chuck Art. 1556G Type		1	1	2	2	2	3	3
For taps with shaft Ø by	mm	2,5-8	4,5-12	2,5-8	4,5-12	9-16	4,5-12	9-16
Bushes drive Art.1557 GP-R-S-T	C.M.	1	2	1	2	3	2	3
Overall length	mm	88	99	88	102	118	118	124
1557GC	Each	692,00	692,00	710,00	710,00	719,00	902,00	902,00

SCU



1557GC

Type		3B	4	4A
For chuck Art. 1556G Type		3	4	4
For taps with shaft Ø by	mm	12-22	9-16	12-22
Bushes drive Art.1557 GP-R-S-	C.M.	4	3	4
Overall length	mm	149	135	150
1557GC	Each	920,00	1.330,00	1.360,00



ELASTIC SOCKETS

1557GF
1557GH
1557GL
1557GM

SCU



Prod. SCU - Orig. Fahrion

With dragging mechanism holder. Suitable for sockets Art. 1557 GA.

FOR DRILL BITS AND COUNTERSINKS, DIN 6329 CYLINDRICAL SHANK

Morse taper 1. Total length 65.5mm.

Ø	mm	3	3,2	3,5	4	4,2	4,5	5
1557GF	Each	46,50	62,20	46,50	46,50	62,20	46,50	46,50

Ø	mm	5,2	5,5	6	6,2	6,5	7	7,5
1557GF	Each	62,20	46,50	46,50	62,20	46,50	46,50	46,50

Ø	mm	8
1557GF	Each	46,50

Product description as Art. 1557GF

Morse taper 2. Total length 80mm.

Ø	mm	5	5,2	5,5	6	6,2	6,5	7
1557GH	Each	52,20	67,80	52,20	52,20	67,80	52,20	52,20

Ø	mm	7,5	8	8,5	9	9,5	10	10,5
1557GH	Each	52,20	52,20	52,20	52,20	52,20	52,20	52,20

Ø	mm	11	11,5	12	12,5	13
1557GH	Each	52,20	52,20	52,20	52,20	52,20

Product description as Art. 1557GF

Morse taper 3. Total length 99mm.

Ø	mm	10	10,5	11	11,5	12	12,5	13
1557GL	Each	70,50	86,30	70,50	86,30	70,50	86,30	70,50

Ø	mm	14	15	16	17	18
1557GL	Each	70,50	70,50	70,50	70,50	70,50

Product description as Art. 1557GF

Morse taper 4. Total length 124mm.

Ø	mm	14	15	16	17	18	19	20
1557GM	Each	105,00	105,00	105,00	105,00	105,00	105,00	105,00

1557GP
1557GR
1557GS
1557GT

SCU



With dragging square-holder. Suitable for sockets Art. 1557 GC.

FOR TAPS WITH CYLINDRICAL SHANK DIN 6328

Morse taper 1. Total length 65.5mm.

Cyl. shaft Ø	mm	2,5	3,15	3,5	4	4,5	5	5,5
Square side	mm	2,1	2,4	2,7	3	3,4	3,8	4,3
1557GP	Each	82,30	62,20	46,50	46,50	46,50	46,50	46,50

Cyl. shaft Ø	mm	6	7	8
Square side	mm	4,9	5,5	6,2
1557GP	Each	46,50	46,50	46,50

Product description as Art. 1557GP

Morse taper 2. Total length 80mm.

Cyl. shaft Ø	mm	4,5	5	5,5	6	7	8	9
Square side	mm	3,4	3,8	4,3	4,9	5,5	6,2	7
1557GR	Each	52,20	52,20	52,20	52,20	52,20	52,20	52,20

Cyl. shaft Ø	mm	10	11	12
Square side	mm	8	9	9
1557GR	Each	52,20	52,20	52,20

Product description as Art. 1557GP

Morse taper 3. Total length 99mm.

Cyl. shaft Ø	mm	9	10	11	12	14	16
Square side	mm	7	8	9	9	11	12
1557GS	Each	70,50	70,50	70,50	70,50	70,50	70,50

Product description as Art. 1557GP

Morse taper 4. Total length 124mm.

Cyl. shaft Ø	mm	12	14	16	18	20	22
Square side	mm	9	11	12	14,5	16	18
1557GT	Each	105,00	105,00	105,00	105,00	105,00	105,00



FLOATING CHUCKS

Prod. SCU - Orig. SMP

Normal type.
 Suitable for pre-hole working operations.
 For better finishing and longer tool life.
 With two locking collars for angular and radial correction.
 Radial correction from 0mm to 1.5mm (2mm for Art. 1559 GA 6).
 Angular correction from 0° to 1°.

SCU

1559GA

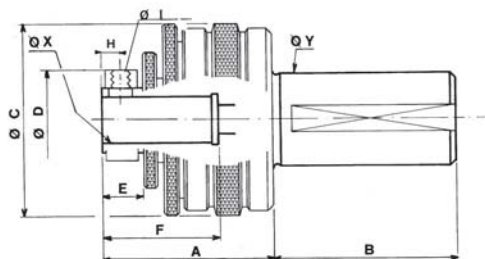


Type		5	6	8
1559GA	Each	942,00	1.230,00	1.140,00

Product running out of stock.

Con attacco macchina cilindrico - attacco utensile cilindrico.

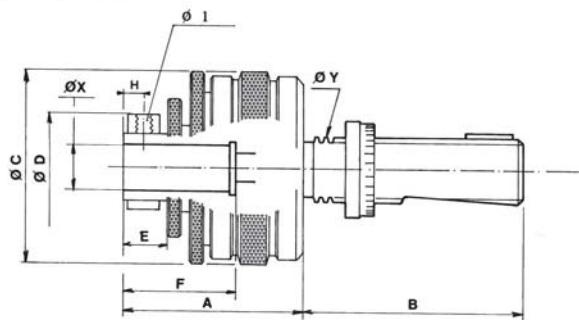
Tipo		5	6
Art. fornitore		22025M	32525M
Att. cilind. est. ø mm Y		25	25
Att. cilind. int. ø mm X		20	25
Misura A	mm	74	82.5
Misura B	mm	65	110
Misura C	mm	82	91
Misura D	mm	44	52
Misura E	mm	16	22
Misura F	mm	50	60
Misura H	mm	8	11
Misura I	M	8	8
Peso	gr	1900	2500



Con attacco macchina trapezoidale (DIN 6327) - attacco utensile cilindrico.

Con ghiera di regolazione della vite trapezoidale.

Tipo		8
Art. fornitore		22020Tr
Att. trapezoidale ø mm Y		20
Att. cilind. int ø mm X		20
Misura A	mm	74
Misura B	mm	88
Misura C	mm	82
Misura D	mm	44
Misura E	mm	16
Misura F	mm	50
Misura H	mm	8
Misura I	M	8
Peso	gr	1910



Compact type.

Suitable for pre-hole working operations. For better finishing and longer tool life. To be used with standard ER32 DIN 6499/ISO 15488 collets. Adjustable radial correction. Angular movement, not adjustable and depending from radial adjustment. To be used together compensated tapping collets Art. 1562 GL-M-PA for high-performance tapping.
 Radial correction from 0mm to 1.5mm.
 Angular correction from 0° to 1°.

SCU

1559GB



Type		4
1559GB	Each	1.390,00

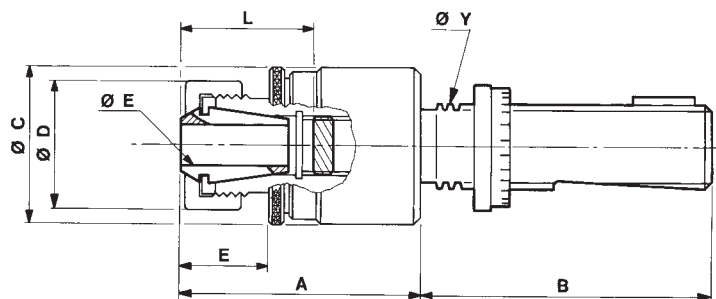
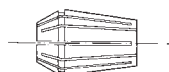
Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.

Product running out of stock.

Con attacco macchina trapezoidale (DIN 6327) - attacco utensile cilindrico.

Con ghiera di regolazione della vite trapezoidale.

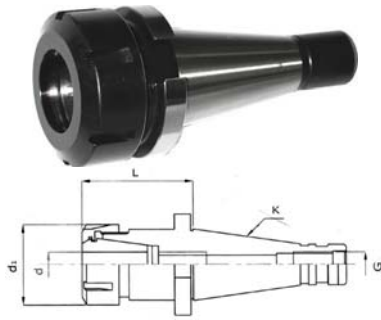
Tipo		4
Art. fornitore		C65C20Tr
X = Per pinze ER		32
Att. trapezoidale Ø mm Y		20
Misura A	mm	94
Misura B	mm	88
Misura C	mm	64.5
Misura D	mm	50
Misura E	mm	33
Misura L min.	mm	44
Misura L max.	mm	66
Peso	gr	1900





DIN 2080 ER PINCERS HOLDER CHUCKS WITH LOCKING COLLAR

1560GA SCU



Prod. SCU

For ER-DIN 6499/ISO 15488 wide opening collets. High-precision, max centring of tools such as milling cutters, drill bits, countersinks, reamers, boring bars, with the highest torque,

DIN 2080 shank, internally threaded end.

Type	0	1	2	3	4	
Shape/ thread K/G	ISO 40 M16	ISO 30 M12	ISO 40 M16	ISO 40 M16	ISO 50 M24	
Tightening capacity Ø d	mm 1-10	2-20	2-20	3-25	3-30	
Height L	mm 70	50	50	42	58	
Height d1	mm 32	50	50	63	63	
For pliers Art.	1560 GS-1561GC	1560 GZ-1561GN	1560 GZ-1561GN	1561 GR	1561 GR	
1560GA	Each	241,00	158,00	117,00	117,00	224,00

Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.

DIN 2080 MILLING CUTTER HOLDER CHUCKS WELDON MODEL

1560GAB SCU



Prod. SCU

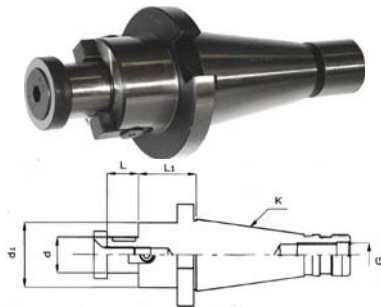
For milling cutters with Weldon shanks. High-precision. Max centring of milling cutters with the highest torque.

DIN 2080 shank, internally threaded end.

d mills drive Ø	mm	6	8	10	12	16	20
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16
Height L	mm	50	50	50	50	50	50
Height d1	mm	25	28	35	42	48	50
1560GAB	Each	105,00	101,00	101,00	101,00	101,00	101,00

DIN 2080 MILLING CUTTER HOLDER CHUCKS WITH FIXED DRAGGING

1560GAC SCU



Prod. SCU

For milling cutters with hole connection. High-precision, max centring of milling cutters with the highest torque.

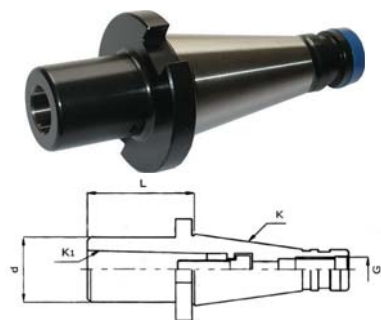
DIN 2080 shank, internally threaded end.

d mills bore Ø	mm	16	22	27	32
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16
Height L	mm	17	19	21	24
Height L1	mm	36	36	36	45
Height d1	mm	32	40	48	63
1560GAC	Each	117,00	117,00	117,00	117,00

For cross-shaped clamping wrenches see Art. 911 GP.

DIN 2080 MORSE CONE REDUCTION CHUCKS FOR MILLING CUTTERS

1560GAE SCU



Prod. SCU

For milling cutters with Morse taper shank, internally threaded. High-precision, max centring of milling cutters with the highest torque.

DIN 2080 shank, internally threaded end.

Mills drive K1	C.M.	1	2	3	4
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16
Height L	mm	50	50	65	95
Height D	mm	25	32	40	48
1560GAE	Each	163,00	163,00	163,00	176,00



DIN 2080 MORSE CONE REDUCTION CHUCKS FOR DRILLS

Prod. SCU

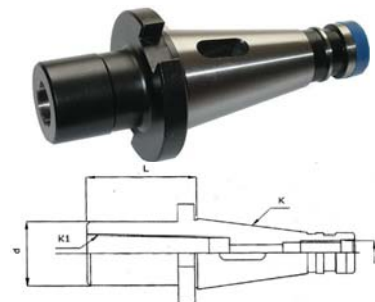
For drill bits with Morse taper shank. High-precision, max centring of drill bits with the highest torque.

DIN 2080 shank, internally threaded end.

Tips drive K1	C.M.	1	2	3	4
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16
Height L	mm	50	50	65	95
Height D	mm	25	32	40	48
1560GAF	Each	112,00	112,00	112,00	123,00

SCU

1560GAF



DIN 2080 MONOLITHIC DRILL CHUCKS

Prod. SCU

For drill bits with cylindrical shank. High-precision, max centring of drill bits with the highest torque.

DIN 2080 shank, internally threaded end.

For tips Ø up to	mm	13	16
Shape/ thread K/G		ISO 40 M16	ISO 40 M16
Height L	mm	87	100
Height D	mm	51	58
1560GAL	Each	419,00	435,00

SCU

1560GAL



DIN 2080 CONNECTION FOR CHUCKS DRILLS HOLDER

Prod. SCU

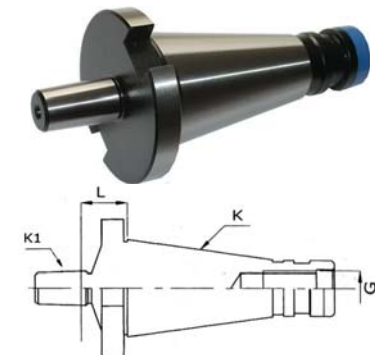
For chucks with "B" shank. High-precision, max centring of drill bits with the highest torque.

DIN 2080 shank, internally threaded end.

Type		1	2	3	4
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 50 M24	ISO 50 M24
Chuck drive "B" K1		B12	B16	B16	B18
Height L	mm	22	22	25	25
1560GAM	Each	106,00	106,00	157,00	157,00

SCU

1560GAM



DIN 69871/A ER PINNERS HOLDER CHUCKS WITH LOCKING COLLAR

Prod. SCU

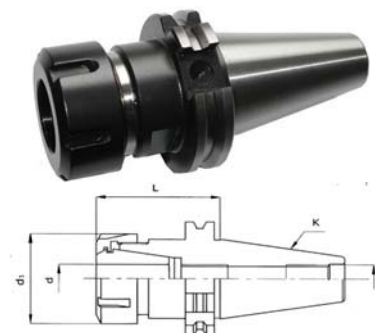
For ER-DIN 6499/ISO 15488 wide opening collets. High-precision, max centring of tools such as milling cutters, drill bits, countersinks, reamers, boring bars, with the highest torque.

DIN 69871/A shank, internally threaded end.

Type		0	1	2	3	4
Shape/ thread K/G		ISO 40 M16	ISO 30 M12	ISO 40 M16	ISO 40 M16	ISO 50 M24
Tightening capacity Ø d	mm	1-10	2-20	2-20	3-25	3-25
Height L	mm	70	63	72	80	100
Height d1	mm	32	50	50	63	63
For pliers Art.		1506GS- 1561GC	1560 GZ- 1561 GN	1560 GZ- 1561 GN	1561 GR	1561 GR
1560GB	Each	110,00	108,00	117,00	128,00	224,00

SCU

1560GB

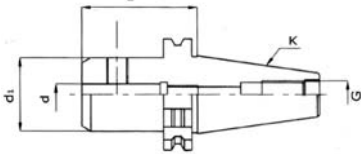


Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.



DIN 69871/A MILLING CUTTER HOLDER CHUCKS WELDON MODEL

1560GBC SCU



Prod. SCU

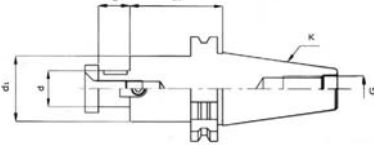
For milling cutters with Weldon shank. High-precision, max centring of milling cutters with the highest torque.

DIN 69871/A shank, internally threaded end.

d mills drive Ø	mm	6	8	10	12	16	20
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16
Height L	mm	50	50	50	50	63	63
Height d1	mm	25	28	35	42	48	50
1560GBC	Each	106,00	94,70	94,70	94,70	94,70	94,70

DIN 69871/A MILLING CUTTER HOLDER CHUCKS WITH FIXED DRAGGING

1560GBE SCU



Prod. SCU

For milling cutters with hole connection. High-precision, max centring of milling cutters with the highest torque.

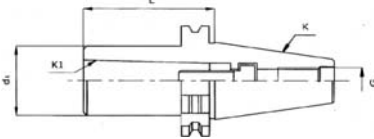
DIN 69871/A shank, internally threaded end.

d mills bore Ø	mm	16	22	27	32
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16
Height L	mm	17	19	21	24
Height L1	mm	60	58	58	58
Height d1	mm	39	46	48	60
1560GBE	Each	117,00	117,00	117,00	117,00

For cross-shaped clamping wrenches see Art. 911 GP.

DIN 69871/A MORSE CONE REDUCTION CHUCKS FOR MILLING CUTTERS

1560GBF SCU



Prod. SCU

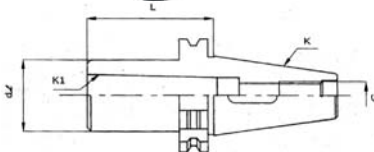
For milling cutters with Morse taper shank, internally threaded. High-precision, max centring of milling cutters with the highest torque.

DIN 69871/A shank, internally threaded end.

Mills drive K1	C.M.	1	2	3	4
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16
Height L	mm	50	50	70	95
Height d1	mm	25	32	40	48
1560GBF	Each	157,00	157,00	157,00	171,00

DIN 69871/A MORSE CONE REDUCTION CHUCKS FOR DRILLS

1560GBL SCU



Prod. SCU

For drill bits with Morse taper shank. High-precision, max centring of drill bits with the highest torque.

DIN 69871/A shank, internally threaded end.

Tips drive K1	C.M.	1	2	3	4
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16
Height L	mm	50	50	70	95
Height d1	mm	25	32	40	48
1560GBL	Each	106,00	106,00	106,00	117,00



DIN 69871/A MONOLITHIC DRILL CHUCKS

Prod. SCU

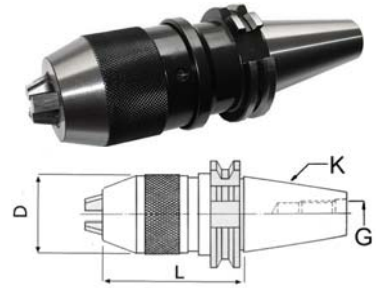
For drill bits with cylindrical shank. High-precision, max centring of drill bits with the highest torque.

DIN 69871/A shank, internally threaded end.

For tips Ø up to	mm	13	16
Shape/ thread K/G		ISO 40 M16	ISO 40 M16
Height L	mm	100	110
Height D	mm	51	58
1560GBM	Each	419,00	435,00

SCU

1560GBM



DIN 69871/A DRILL HOLDER CHUCKS

Prod. SCU

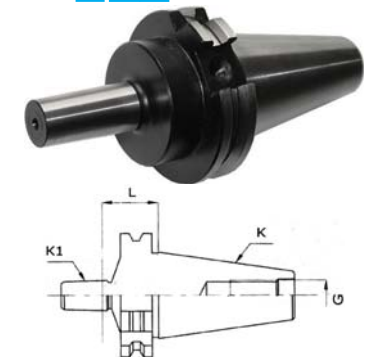
For chucks with "B" shank. High-precision, max centring of drill bits with the highest torque.

DIN 69871/A shank, internally threaded end.

Type		1	2	3	4
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 50 M24	ISO 50 M24
Chuck drive "B" K1		B12	B16	B16	B18
Height L	mm	40	40	40	40
1560GBP	Each	106,00	106,00	157,00	157,00

SCU

1560GBP



MAS-BT ER PINCERS HOLDER CHUCKS WITH LOCKING COLLARS

Prod. SCU

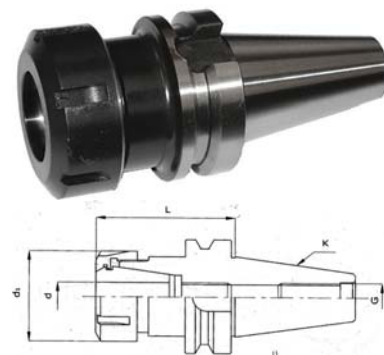
For ER-DIN 6499/ISO 15488 wide opening collets. High-precision, max centring of tools such as milling cutters, drill bits, countersinks, reamers, boring bars, with the highest torque.

MAS-BT, BT 40 shank, internally threaded end.

Type		0	1	2
Shape/ thread K/G		BT 40 M16	BT 40 M16	BT 40 M16
Tightening capacity Ø d	mm	1-10	2-20	3-25
Height L	mm	70	70	80
Height d1	mm	32	50	63
For pliers Art.		1560 GS- 1561 GC	1560 GZ- 1561 GN	1561 GR
1560GC	Each	110,00	112,00	138,00

SCU

1560GC



Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.

C.M. ER PINCERS HOLDER CHUCKS WITH LOCKING COLLARS

Prod. SCU

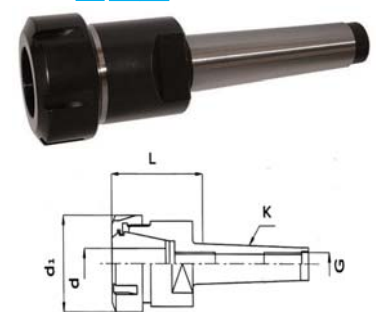
Product description as Art. 1560GC

Morse Taper shank, internally threaded end.

Type		1	2	3	4	5
Shape/ thread K/G		C.M. 2 M10	C.M. 2 M10	C.M. 3 M12	C.M. 3 M12	C.M. 3 M12
Tightening capacity Ø d	mm	2-13	2-16	2-13	2-16	2-20
Height L	mm	50	54	50	53	70
Height d1	mm	35	42	28	42	50
For pliers Art.		1560 GT- 1561 GF	1560 GV- 1561 GL	1560 GT- 1561 GF	1560 GV- 1561 GL	1560 GZ- 1561 GN
1560GD	Each	151,00	200,00	198,00	200,00	200,00

SCU

1560GD



Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.



CUTTERS HOLDER MORSE TAPER CHUCK, FIXED DRAGGING

1560GE SCU



Prod. SCU

For milling cutters with through-hole connection. High-precision for cutter centring with very high torque.

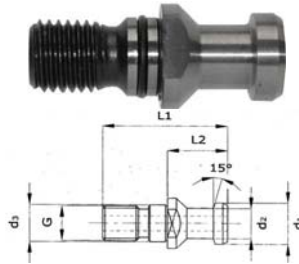
Morse taper shank 4, with tang.

d mills bore Ø	mm	16	27
Height L 2	mm	17	21
Height L 3	mm	27	33
1560GE	Each	201,00	212,00

Product running out of stock.

TULLSTUDS FOR CHUCKS WITH SHANK DIN 69871/A

1560GEA SCU



Prod. SCU

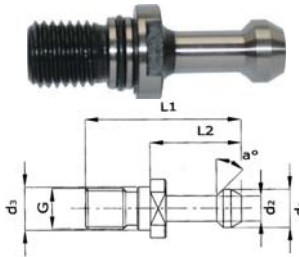
In hardened steel. High-precision. Holed for internal lubrication.

For chucks Art. 1560 GB-1560 GBC-1560 GBE-1560 GBF-1560 GBL-1560 GBM-1560 GBP.

Thread G	M.	12	16	24
Height d1	mm	12	19	28
Height d2	mm	8	14	21
Height d3	mm	13	17	25
Height L1	mm	44	54	74
Height L2	mm	24	26	34
For cones Gr.		ISO 30	ISO 40	ISO 50
1560GEA	Each	21,60	21,60	27,10

TULLSTUDS FOR CHUCKS WITH SHANK MAS-BT

1560GEB SCU



Prod. SCU

Product description as Art. 1560GEA

For chucks Art. 1560 GC.

Type		16	16A
Thread G	M.	16	16
Angle a°	°	45	30
Height d1	mm	15	15
Height d2	mm	10	10
Height d3	mm	17	17
Height L1	mm	60	60
Height L2	mm	35	35
For cones Gr.		BT 40	BT 40
1560GEB	Each	19,80	19,80

LOCKING COLLARS FOR ER PINNERS HOLDER CHUCKS

1560GEC SCU



Prod. SCU

In hardened steel. High-precision, max centring, high tightness and easy replacement of tapping collets, thanks to the dragging tab.

For chucks Art. 1560 GA-B-C-D.

For pliers holder chuck		16	20	25	32	40
d ring nut Ø	mm	32	35	42	50	63
Ring-nut height L	mm	17,5	19	20	22,3	25,3
Ring-nut thread G	MF	22x1,5	25x1,5	32x1,5	40x1,5	50x1,5
1560GEC	Each	27,10	27,10	27,10	27,10	36,10



HIGH QUALITY PLIER-HOLDER CHUCKS, HIGH SPEED

Prod. SCU - Orig. Fahrion

Suitable for DIN 6499/ISO 15488 ER collets, with clamping diameter based on the inner size. For DIN 6535 shanks and full diameters also with internal lubrication. High-precision, very high resistance, max centring of tools such as milling cutters, drills, countersinks, reamers, boring bars, etc. with the highest torque. The perfect manufacture of the trapezoidal threaded and long double guide locking collar ensures max centring, higher rotation precision and repetibility, long-term performance and easy replacement of tapping collets.

If used together with orig. Fahrion collets Art. 1561 GL-N, this product ensures a precision inferior or equal to 8 µm.

DIN 69871/ADB ER PINCERS HOLDER CHUCKS

DIN 69871/ADB ISO 40 shank, M16 internally threaded end.

Balancing level G 6.3 15000 rpm.

Type		25
Tightening capacity Ø	mm	2-16
Height D	mm	40
Height a	mm	45
Height E	mm	85
Height F	mm	-
For pliers Art.		1561 GL
1560GH	Each	189,00

Chucks are supplied without locking collars and without seal rings.

For locking collars and rings see Art. 1560 GPA-B-C-E.

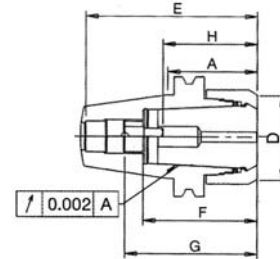
The E value refers to tools with shank < or = 16mm.

The F value refers to tools with shank > 16mm.

Product running out of stock.

SCU

1560GH



Product description as Art. 1560GH

HSK DIN 69893/A-E ER PINCERS HOLDER CHUCKS

DIN 69893/A-E HSK-A63 shank.

Balancing level G 6.3 20000 rpm.

Type		32
Tightening capacity Ø	mm	2-20
Height D	mm	50
Height a	mm	100
Height E	mm	71
Height F	mm	45
For pliers Art.		1561 GN
1560GL	Each	211,00

Chucks are supplied without locking collars and without seal rings.

For locking collars and rings see Art. 1560 GPA-B-C-E.

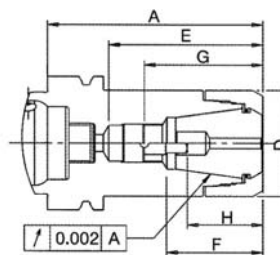
The E value refers to tools with shank < or = 16mm.

The F value refers to tools with shank > 16mm.

Product running out of stock.

SCU

1560GL



Product description as Art. 1560GH

MAS/BT ER PINCERS HOLDER CHUCKS

MAS/BT BT 40 shank, M16 internally threaded end.

Balancing level G 6.3 15000 rpm

Type		25	32
Tightening capacity Ø	mm	2-16	2-20
Height D	mm	40	50
Height a	mm	55	55
Height E	mm	93	95
Height F	mm	-	55
For pliers Art.		1561 GL	1561 GN
1560GM	Each	189,00	189,00

Chucks are supplied without locking collars and without seal rings.

For locking collars and rings see Art. 1560 GPA-B-C-E.

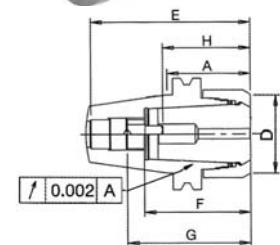
The E value refers to tools with shank < or = 16mm.

The F value refers to tools with shank > 16mm.

Product running out of stock.

SCU

1560GM





1560GPA SCU



Suitable for DIN 6499/ISO 15488 ER collets. For DIN 6535 shanks and full diameters also with internal lubrication. High-precision, very high tightness, max centring of tools such as milling cutters, drills, countersinks, reamers, boring bars, etc. with the highest torque. The perfect manufacture of the trapezoidal threaded and long double guide locking collar ensures max centring, higher rotation precision and repetibility, long-term performance and easy replacement of tapping collets.

If used together with orig. Fahrion collets Art. 1561 GL-N, this product ensures a precision inferior or equal to 8 µm.

LOCKING COLLARS FOR CHUCKS

For ER pincer holder chucks Art.1560 GH-L-M.

Type		25	32
Max Ø	mm	40	50
For chucks Art.		1560 GH-L-M 25	1560 GH-L-M 32
For pliers Art.		1561 GL	1561 GN
1560GPA	Each	68,60	73,20

**For tightening wrenches see Art. 1560GRA B25/32
Product running out of stock.**

1560GPB SCU



Product description as Art. 1560GPA

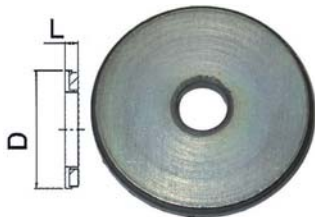
LOCKING COLLARS FOR USE WITH SEALING RINGS

For ER pincer holder chucks Art.1560 GH-L-M.

Type		25	32
Max Ø	mm	40	50
For chucks Art.		1560 GH-L-M 25	1560 GH-L-M 32
For pliers Art.		1561 GL	1561 GN
1560GPB	Each	80,10	84,60

**Locking collars are supplied without seal rings.
For seal rings see Art. 1560 GPC-GPE.
For tightening wrenches see Art. 1560GRA B25/32
Product running out of stock.**

1560GPC SCU
1560GPE



SEALING RINGS FOR CHUCKS

Size 25.

To be used with locking collars Art. 1560 GPB 25 and collets Art. 1561 GL. Dimensions (mm) D=20,2 L=2. For pressures up to 80 bar.

Tightening Ø	mm	16
1560GPC	Each	23,50

Product running out of stock.

SEALING RINGS FOR CHUCKS

Size 32.

To be used with locking collars Art. 1560 GPB 32 and collets Art. 1561 GN. Dimensions (mm) D=26,2 L=2. For pressures up to 80 bar.

Tightening Ø	mm	5	6	8	10	14	16
1560GPE	Each	24,60	24,60	24,60	24,60	24,60	24,60

Product running out of stock.

1560GRA SCU



Roller type with steel handle and rubber grip. Suitable to tighten/untighten any chuck locking collars provided with holes, nuts or smooth. It combines safety operation and quick and precise performances.

TIGHTENING WRENCHES FOR CHUCK LOCKING COLLARS CENTER P

Nuts Ø	mm	40	50
Overall length	mm	400	480
ER clamps	Gr.	25	32
1560GRA	Each	129,00	129,00

Product running out of stock.

1560GRE SCU **14x18**



Product description as Art. 1560GRA

TIGHTENING WRENCHES FOR CHUCK LOCKING COLLARS CENTER P

Suitable for female drive torque wrenches 14x18mm (Art. 803 G 200 - 805 GH 200/300/400 - 805 GR) for controlled tightening.

Nuts Ø	mm	40	50
Male drive	mm	14x18	14x18
ER clamps	Gr.	25	32
1560GRE	Each	129,00	129,00

Product running out of stock.



DIN 6499-B/ISO 15488 ER/ESX COLLETS FOR CHUCKS, WIDE OPENING

Prod. SCU

In steel, manufactured to a rotation precision of up to 10 µm. Particularly suitable for work that does not require high precision and long-lasting tools, but cost saving. With elastic clamping capacity of 1mm.

Size 16.

Dimensions (mm): D = 17 L = 27,5.

Tightening Ø	mm	3	4	5	6	7	8	9
1560GS	Each	22,30	22,30	22,30	22,30	22,30	22,30	22,30

Tightening Ø	mm	10
1560GS	Each	22,30

SCU 16 1560GS



Product description asArt. 1560GS

Size 20.

Dimensions (mm): D = 21 L = 31,5.

Tightening Ø	mm	3	4	5	6	7	8	9
1560GT	Each	23,00	23,00	23,00	23,00	23,00	23,00	23,00

Tightening Ø	mm	10	11	12	13
1560GT	Each	23,00	23,00	23,00	23,00

SCU 20 1560GT



Product description asArt. 1560GS

Size 25.

Dimensions (mm): D = 26 L = 34.

Tightening Ø	mm	3	4	5	6	7	8	9
1560GV	Each	23,00	23,00	23,00	23,00	23,00	23,00	23,00

Tightening Ø	mm	10	11	12	13	14	15	16
1560GV	Each	23,00	23,00	23,00	23,00	23,00	23,00	23,00

SCU 25 1560GV



Product description asArt. 1560GS

Size 32.

Dimensions (mm): D = 33 L = 40.

Tightening Ø	mm	3	4	5	6	7	8	9
1560GZ	Each	23,00	23,00	23,00	23,00	23,00	23,00	23,00

Tightening Ø	mm	10	11	12	13	14	15	16
1560GZ	Each	23,00	23,00	23,00	23,00	23,00	23,00	23,00

Tightening Ø	mm	17	18	19	20
1560GZ	Each	23,00	23,00	23,00	23,00

SCU 32 1560GZ



ASSORTMENTS OF ELASTIC PLIERS - ER/ESX TYPE

Prod. SCU

On support for easy access.

Size		16	20	25	32
Chucks included Art.		1560GS	1560GT	1560GV	1560GZ
min/max tightening Ø	mm	1-10	2-13	2-16	3-20
Chucks included	No.	10	12	15	18
1560GZE	Each	218,00	282,00	333,00	409,00

SCU 1560GZE





DIN 6499-B/ISO 15488 ER/ESX COLLETS FOR CHUCKS, HIGH PRECISION, WIDE OPENING

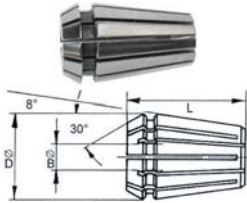
1561GA

SCU

8

Prod. SCU - Orig. Fahrion

In special steel. High rotation precision up to 5 µm. This product allows using higher working parameters, it gives tools longer life, saving on working costs. Treated surface, ruby balls, lapped, with beveled edges for collets stronger clamping and chucks longer life. Particularly suitable for use with HSC and orig. Fahrion P center chucks.



Size 8.

Clamping elastic capacity 0.5mm. Dimensions (mm) D = 8,5 L = 13,6.

Tightening Ø	mm	1	1,5	2	2,5	3	3,5	4
1561GA	Each	52,60	52,60	52,60	52,60	43,80	43,80	43,80
Tightening Ø	mm	4,5	5					
1561GA	Each	43,80	43,80					

1561GB

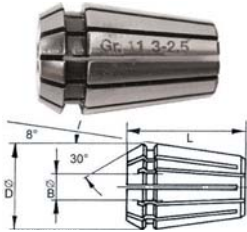
SCU

11

Product description asArt. 1561GA

Size 11.

Clamping elastic capacity 0.5mm. Dimensions (mm) D = 11,5 L = 18.



Tightening Ø	mm	1	1,5	2	2,5	3	3,5	4
1561GB	Each	48,90	48,90	48,90	48,90	39,70	39,70	39,70
Tightening Ø	mm	4,5	5	5,5	6	6,5	7	
1561GB	Each	39,70	39,70	39,70	39,70	39,70	39,70	

1561GC

SCU

16

Product description asArt. 1561GA

Size 16.

Clamping elastic capacity 1mm (0.5 for clamping Ø 1-1.5mm).

Dimensions (mm) D = 17 L = 27,5.



Tightening Ø	mm	1	1,5	2	2,5	3	3,5	4
1561GC	Each	47,30	47,30	47,30	47,30	37,30	64,10	37,30
Tightening Ø	mm	4,5	5	5,5	6	6,5	7	7,5
1561GC	Each	64,10	37,30	64,10	37,30	64,10	37,30	64,10
Tightening Ø	mm	8	8,5	9	9,5	10		
1561GC	Each	37,30	64,10	37,30	64,10	37,30		

1561GF

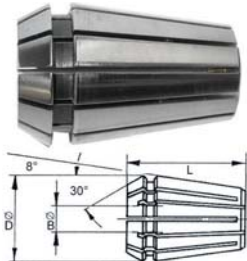
SCU

20

Product description asArt. 1561GA

Size 20.

Clamping elastic capacity 1mm. Dimensions (mm) D = 21 L = 31,5.



Tightening Ø	mm	2	2,5	3	3,5	4	5	6
1561GF	Each	48,80	48,80	38,70	65,20	38,70	38,70	38,70
Tightening Ø	mm	7	8	9	10	11	12	13
1561GF	Each	38,70	38,70	38,70	38,70	38,70	38,70	38,70

1561GL

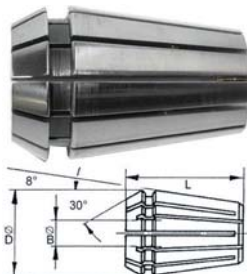
SCU

25

Product description asArt. 1561GA

Size 25.

Clamping elastic capacity 1mm. Dimensions (mm) D = 26 L = 34.



Tightening Ø	mm	2	2,5	3	3,5	4	5	6
1561GL	Each	51,40	51,40	39,70	66,20	39,70	39,70	39,70
Tightening Ø	mm	7	8	9	10	11	12	13
1561GL	Each	39,70	39,70	39,70	39,70	39,70	39,70	39,70
Tightening Ø	mm	14	15	16				
1561GL	Each	39,70	39,70	39,70				



Product description as Art. 1561GA

Size 32.

Clamping elastic capacity 1mm. Dimensions (mm) D = 33 L = 40.

Tightening Ø	mm	2	3	4	5	6	7	8
1561GN	Each	54,30	42,20	42,20	42,20	42,20	42,20	42,20
Tightening Ø	mm	9	10	11	12	13	14	15
1561GN	Each	42,20	42,20	42,20	42,20	42,20	42,20	42,20
Tightening Ø	mm	16	17	18	19	20		
1561GN	Each	42,20	42,20	42,20	42,20	42,20		

SCU

32 1561GN



Product description as Art. 1561GA

Size 40.

Clamping elastic capacity 1mm. Dimensions (mm) D = 41 L = 46.

Tightening Ø	mm	3	4	5	6	7	8	9
1561GR	Each	73,20	54,50	54,50	54,50	54,50	54,50	54,50
Tightening Ø	mm	10	11	12	13	14	15	16
1561GR	Each	54,50	54,50	54,50	54,50	54,50	54,50	54,50
Tightening Ø	mm	17	18	19	20	21	22	23
1561GR	Each	54,50	54,50	54,50	54,50	54,50	54,50	54,50
Tightening Ø	mm	24	25	26	28	30		
1561GR	Each	54,50	54,50	54,50	77,80	77,80		

SCU

40 1561GR



For Ø size mm 28 and 30 rotation's precision to 10 µm.

ASSORTMENT OF ER/ESX COLLETS FOR CHUCKS

Prod. SCU - Orig. Fahrion

In practical case for easy access.

Size		8	11	16	20	25	32	40
Chucks included Art.		1561GA	1561GB	1561GC	1561GF	1561GL	1561GN	1561GR
min/max tightening Ø	mm	1-5	1-7	1-10	2-13	2-16	3-20	4-26
Chucks included	No.	9	13	10	12	15	18	23
1561GT	Each	462,00	587,00	426,00	519,00	656,00	821,00	1.340,00

SCU

1561GT



TRACTION COMPENSATED PINCERS

Prod. SCU - Orig. Fahrion

In special steel, precision manufacture according to class 2 corresponding to a rotation precision ranging from 15 to 20 µm. Finely worked. Traction compensation. Sealing ring to keep the male holder pivot clean. Ball sliding and drawing.

Size 16.

Tightening Ø	mm	2,24	2,5	2,8	3,15	3,5	3,55	4
1562GG	Each	201,00	215,00	215,00	201,00	215,00	201,00	215,00
Tightening Ø	mm	4,5	5	5,5	6	6,3		
1562GG	Each	215,00	215,00	215,00	215,00	215,00		

Sizes mm 2,24, 3,15 and 3,55 running out of stock

Product description as Art. 1562GG

Size 20.

Tightening Ø	mm	2,5	2,8	3,15	3,5	3,55	4	4,5
1562GH	Each	215,00	215,00	201,00	215,00	201,00	215,00	215,00
Tightening Ø	mm	5	5,5	6	6,3	7		
1562GH	Each	215,00	215,00	215,00	215,00	215,00		

Sizes mm 3,15 and 3,55 running out of stock

Product description as Art. 1562GG

Size 25.

Tightening Ø	mm	3,15	3,5	3,55	4	4,5	5	5,5
1562GL	Each	211,00	225,00	211,00	225,00	225,00	225,00	225,00
Tightening Ø	mm	6	6,3	7	8	9	10	
1562GL	Each	225,00	225,00	225,00	225,00	225,00	225,00	

Sizes mm 3,15 and 3,55 running out of stock

Product description as Art. 1562GG

Size 32.

Tightening Ø	mm	4,5	5	5,5	6	6,3	7	8
1562GM	Each	240,00	240,00	240,00	240,00	240,00	240,00	240,00
Tightening Ø	mm	9	10	11	11,2	12	12,5	
1562GM	Each	240,00	240,00	240,00	240,00	240,00	240,00	

SCU

**1562GG
1562GH
1562GL
1562GM**



Articolo	Campo filettatura	DIMENSIONI						
		A	D1	D2	D3	L1	L2	L3
1562GG	M1-M6	7	17	11	6,3	22	20	7
1562GH	M1-M8	7	21	14	7,1	24	23	8
1562GL	M3-M10	8	26	19	10	26	24	10
1562GM	M4-M12	10	33	23	12,5	33	32	11



1562GPA SCU **32**



Prod. SCU

In special steel, finely worked. Traction compensation, male change on chuck directly, without removing the pincer. Sealing ring to keep the male holder pivot clean and prevent seizing up. Ball sliding and drawing.

Size 32.

Stroke length of the expander 8mm. Dimensions (mm) D = 33 L = 48.

Tightening Ø	mm	3,5	4	4,5	6	7	8	9	10	11
1562GPA	Each	189,00	189,00	180,00	163,00	163,00	163,00	163,00	163,00	163,00

CNC CHUCK VICES

1562GRA SCU



Prod. SCU

Suitable for DIN 2080, DIN 69871, BT and HSK-A chucks.

For assembly and disassembly operations of the tools on the toolholders.

Steel body with reversible locking device, for tenon assembly.

With safety pin to prevent chucks from accidentally falling. Base with 4 fixing holes for workbench mounting.

Type		1	2
For drives		ISO 40/HSK-A63	ISO 50/HSK-A100
Height	mm	160	210
Width	mm	120	120
Overall length	mm	130	160
Bores width wheelbase	mm	85	85
Bores length wheelbase	mm	95	125
Weight	Kg	6,3	9,6
1562GRA	Each	329,00	369,00

ZERO-SETTERS

1562GRE MIB GERMANY



Orig. MIB - Art. 01027091

Hardened special steel.

To set tools on "zero" and fix the chuck reference point in axial direction.

Reference height 50mm, mobile taster surface Ø 33,5mm, with dial indicator Ø 40mm, reading 0.01mm. Capacity mm 3. Zero-setter dimensions Ø 58mmx50 h.

1562GRE	Each	158,00
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1562GRF MIB GERMANY



Orig. MIB - Art. 01027090

Magnetic type.

Hardened special steel.

To set tools on "zero" and fix the chuck reference point in axial direction.

Reference height 50mm, mobile taster surface Ø 25mm, with incorporated dial indicator Ø 40mm, reading 0.01mm. Capacity mm 2. Zero-setter dimensions mm 60x52x52 h.

1562GRF	Each	188,00
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3-D TASTERS

1562S SCU



IP67

Prod. SCU

High quality version "made in Germany". Precision ±0.01 mm.

Body made from sturdy, stable aluminium alloy. Shockproof head protection system with pre-set breaking point. Cylindrical shank, Weldon type Ø 20mm. Body length with tracer bar 113mm, shank length 50mm, body width 65mm., tracer bar ball Ø 4mm. Tracer bar length 25mm. Large display with double-scale reading for side, front and vertical movements. With 2 adjustment screws for zeroing. Can be installed horizontally and vertically on machine tools and electro-milling systems. It is fixed to the tool holder chuck for easy and precise positioning of the chuck axes. This makes it easy to determine the piece zero and the piece dimensions. It is possible to work on all three axes and the indicator always moves in the same direction, measuring the distance from the piece, without the need for additional calculations.

With IP 67 protection for temporary immersion in liquids and dust penetration.

1562S	Each	719,00
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Tasting bars for taster Art. 1562 S.

Ball Ø	mm	4	8
Overall length	mm	27	69
Type		standard	optional
O1562S	Each	82,50	142,00



TASTERS AND CENTRING TOOLS FOR EDGES

Orig. MIB

Rotation-type. Hardened and ground steel.
The tasting head is elastically connected to the connection tang for a precise alignment of 0.01mm.

For a rapid alignment of piece/profiles reference surfaces.
Rotation speed 500/600 rpm.

Size	10	104
probe head Ø	mm 10	4 e 10
Drive Ø	mm 10	10
Overall length	mm 84	94
Supplier code	01027096	01027097
1562TA	Each 24,10	27,10



1562TA



Size 3 and 4 with lighting signal when the piece is touched.
Size 5 with lighting and sound signal when the piece is touched.
Complete with battery.
Used for setting drilling centres with respect to the machine chuck and aligning piece/profiles reference surfaces. Hardened special steel tasting balls Ø 10mm.

Size	3	4	5
Drive Ø	mm 20	20	20
Overall length	mm 103	160	160
Supplier code	01027093	01027094	01027095
1562TE	Each 135,00	150,00	158,00



1562TE



ELECTRONIC 3-D CENTRING TOOLS, WITH LIGHT AND SOUND GENERATING MECHANISM

Prod. SCU

Electronic device used to set distances or values to zero.
Used for centring inside/outside circumferences by defining drilling centres with respect to the machine chuck and aligning piece/profiles reference surfaces.
Hardened special steel tasting ball Ø 6mm ± 0.005. Ball shank total length 43mm (ball included) and safety shifting 4mm. Lighting and sound signal when the piece is touched. V 12 battery.
Complete with instructions for use.

Drive Ø	mm 20
Drive length	mm 54
Overall length	mm 175
1562V	Each 639,00



1562V



SELF-CENTRING CHUCKS

Prod. SCU

Single guide, special spheroidal die cast body. 3-jaws very high-precision model.
With 2 jaw sets: 1 for inside use, 1 for outside use and wrench. Slipping parts hardened and ground. Excellent vibration absorption, forged crown, balanced and hardened. In compliance with DIN 6350 standards.

Ø	mm	80	100	125	160	200	250	315
Bore Ø	mm	16	20	32	42	55	76	103
Max rev/min	No.	5000	4500	4000	3600	3000	2500	2000
Tightening force	kN	10	17	24	31	37	46	55
1563P	Each	678,00	773,00	825,00	951,00	1.130,00	1.450,00	2.260,00

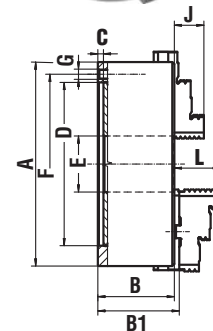


1563P



Riferimenti quote

	mm	80	100	125	160	200	250	315
A (Diametro)	mm	80	100	125	160	200	250	315
B	mm	44	50	56	64,5	75	85	94
B1	mm	-	-	60,8	69,3	79,8	88,8	99,1
C	mm	3	3	4	4	4	5	5
D H7	mm	56	70	95	125	160	200	260
E	mm	16	20	32	42	55	76	103
F	mm	67	83	108	140	176	224	286
G	mm	3xM6	3xM8	3xM8	6xM10	6xM10	6xM12	6xM16
J	mm	13	16	20	32	29	34	43
L	mm	-	-	40	43	45	53	57
Peso c.a.	Kg	1,5	2,8	5	10	17,5	29	50



Set of 3 internal jaws in tempered steel, integral. For Art. 1563 P.

Ø	mm	80	100	125	160	200	250	315
1563R	Series	191,00	234,00	246,00	320,00	330,00	382,00	584,00



1563R





1563T

SCU



Set of 3 external jaws in tempered steel, integral. For Art. 1563 P.

Ø	mm	80	100	125	160	200	250	315
1563T	Series	193,00	225,00	285,00	330,00	343,00	402,00	671,00

1563V

SCU



Set of 3 jaws in untempered steel, integral. For Art. 1563 P.

Ø	mm	80	100	125	160	200	250	315
1563V	Series	148,00	162,00	167,00	187,00	212,00	318,00	419,00

1565G

SCU



Prod. SCU - Röhm

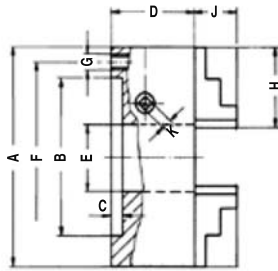
Simple guide, special spheroidal die cast body. 3-jaws very high-precision model. With 2 jaw sets: 1 for inside use, 1 for outside use and wrench. Slipping parts hardened and ground. Excellent vibration absorption, crown forged, balanced and hardened. In compliance with DIN 6350 standards.

Ø	mm	100	125	160	200	250	315
Bore Ø	mm	20	32	42	55	76	103
Max rev/min	No.	4500	4000	3600	3000	2500	2000
Tightening force	kN	27	31	47	55	63	69
1565G	Each	1.030,00	1.130,00	1.290,00	1.560,00	2.210,00	3.040,00

On request we supply Jaws sets for indoor, outdoor and not hardened.

Riferimenti quote

	mm	100	125	160	200	250	315
A (Diametro)	mm	100	125	160	200	250	315
B (H6)	mm	70	95	125	160	200	260
C	mm	3	4	4	4	5	5
D	mm	50	56	65	73,5	82	95
E	mm	20	32	42	55	76	103
F	mm	83	108	140	176	224	286
G	mm	3xM8	3xM8	3xM10	3xM10	3xM12	3xM16
H	mm	48	52	61	69	90	130
J	mm	18	22,5	26	32,5	40	46
K	mm	8	9	10	11	12	14
Peso c.a.	Kg	2,9	4,5	8,2	14,6	25,7	44,2



1567P

SCU



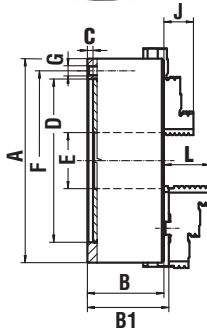
Prod. SCU

Single guide, special spheroidal die cast body. 4-jaws very high-precision model. With 2 jaw sets: 1 for inside use, 1 for outside use and wrench. Slipping parts hardened and ground. Excellent vibration absorption, forged crown, balanced and hardened. In compliance with DIN 6350 standards.

Ø	mm	125	160	200	250	315
Bore Ø	mm	32	42	55	76	103
Max rev/min	No.	4000	3600	3000	2500	2000
Tightening force	kN	24	31	37	46	55
1567P	Each	1.110,00	1.220,00	1.420,00	1.770,00	2.820,00

Riferimenti quote

	mm	125	160	200	250	315
A (Diametro)	mm	125	160	200	250	315
B	mm	56	64,5	75	85	94
B1	mm	60,8	69,3	79,8	88,8	99,1
C	mm	4	4	4	5	5
D H7	mm	95	125	160	200	260
E	mm	32	42	55	76	103
F	mm	108	140	176	224	286
G	mm	3xM8	6xM10	6xM10	6xM12	6xM16
J	mm	20	32	29	34	43
L	mm	40	43	45	53	57
Peso c.a.	Kg	5	10	17,5	29	50



1567R

SCU



Set of 4 internal jaws in tempered steel, integral. For Art. 1567 P.

Ø	mm	125	160	200	250	315
1567R	Series	366,00	413,00	439,00	546,00	778,00

1567T

SCU



Set of 4 external jaws in tempered steel, integral. For Art. 1567 P.

Ø	mm	125	160	200	250	315
1567T	Series	492,00	439,00	457,00	545,00	896,00



Set of 4 jaws in untempered steel, integral. For Art. 1567 P.

Ø	mm	125	160	200	250	315
1567V	Series	251,00	283,00	328,00	488,00	716,00

SCU



1567V

Prod. SCU - Röhlm

Simple guide, special spheroidal die cast body. 4-jaws very high-precision model. With 2 jaw sets: 1 for inside use, 1 for outside use and wrench. Slipping parts hardened and ground. Excellent vibration absorption, crown forged, balanced and hardened. In compliance with DIN 6350 standards.

Ø	mm	100	125	160	200	250	315
Bore Ø	mm	20	32	42	55	76	103
Max rev/min	No.	4500	4000	3600	3000	2500	2000
Tightening force	kN	27	31	47	55	63	69
1569G	Each	1.040,00	1.140,00	1.350,00	1.620,00	2.200,00	3.270,00

On request we supply Jaws sets for indoor, outdoor and not hardened.

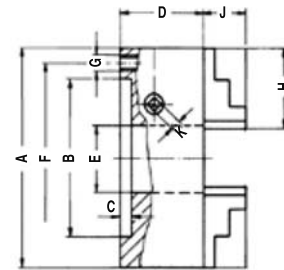
Riferimenti quote

A (Diametro)	mm	100	125	160	200	250	315
B (H6) mm	mm	70	95	125	160	200	260
C	mm	3	4	4	4	5	5
D	mm	50	56	65	73,5	82	95
E	mm	20	32	42	55	76	103
F	mm	83	108	140	176	224	286
G	mm	3xM8	3xM8	3xM10	3xM10	3xM12	3xM16
H	mm	48	52	61	69	90	130
J	mm	18	22,5	26	32,5	40	46
K	mm	8	9	10	11	12	14
Peso c.a.	Kg	2,9	4,5	8,2	14,6	25,7	44,2

SCU



1569G



Prod. SCU

Double guide, special spheroidal die cast body. 3-jaws very high-precision model. With 2 jaw sets: 1 for inside use, 1 for outside use and wrench. Slipping parts hardened and ground. Excellent vibration absorption, forged crown, balanced and hardened. In compliance with DIN 6350 standards.

Ø	mm	160	200	250	315
Bore Ø	mm	42	55	76	103
Max rev/min	No.	3600	3000	2500	2000
Tightening force	kN	31	37	46	55
1569P	Each	1.520,00	1.790,00	2.120,00	3.140,00

Claw series for interior, exterior and non-hardened available on request.

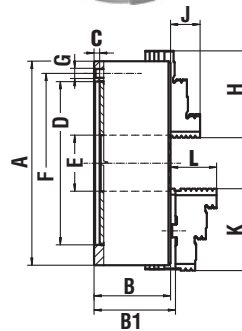
Riferimenti quote

A (Diametro)	mm	160	200	250	315
B	mm	74,5	83	96	111
B1	mm	79,3	87,8	99,8	115,1
C	mm	6,5	6,5	6,0	6,3
D H7	mm	125	160	200	260
E	mm	42	55	76	103
F	mm	140	176	224	286
G	mm	6xM10	6xM10	6xM12	6xM16
J	mm	25	29	34	41,3
L	mm	43,1	45	53	57
Peso c.a.	kg	10	17,5	29	50

SCU



1569P



Set of 3 internal jaws, in hardened steel, integral. For Art. 1569 P.

Ø	mm	160	200	250	315
1569R	Series	273,00	291,00	398,00	612,00

Product running out of stock

SCU



1569R

Set of 3 external claws, in hardened steel, integral. For Art. 1569 P.

Ø	mm	160	200	250	315
1569T	Series	272,00	291,00	398,00	612,00

Product running out of stock

SCU



1569T

Series of 3 jaws in unhardened steel, integral. For Art. 1569 P.

Ø	mm	160	200	250	315
1569V	Series	205,00	235,00	297,00	474,00

Product running out of stock

SCU



1569V



1570G

SCU

**Prod. SCU - Röhm**

Double guide, special spheroidal die cast body.

3-jaws very high-precision model.

With 2 jaw sets: 1 for inside use, 1 for outside use and wrench. Slipping parts hardened and ground. High clamping values, guaranteed by pinion and crown extra-toothing. Pinions and crown ground and hardened. In compliance with DIN 6350 standards.

Ø	mm	315	
Bore Ø	mm	103	
Weight	Kg	48	
1570G	Each	4.460,00	

Product running out of stock.

1570GA

SCU



Sets of 3 internal jaws, hardened. For Art. 1570 G.

Ø	mm	200	230	250	315
1570GA	Series	721,00	905,00	960,00	1.380,00

Product running out of stock.

1570GB

SCU



Sets of 3 external jaws, hardened. For Art.1570 G.

Ø	mm	200	230	250	315
1570GB	Series	695,00	905,00	943,00	1.490,00

Product running out of stock.

1570GE

SCU



Sets of 3 blocks, not hardened. for Art. 1570 G.

Ø	mm	200	315
1570GE	Series	112,00	224,00

Product running out of stock.

1570GF

SCU



Sets of 3 hardened supports, for blocks. for Art. 1570 G.

Ø	mm	250	315
1570GF	Series	723,00	1.170,00

Product running out of stock.

FACE PLATE FOR SELF-CENTRING CHUCKS

1571P

SCU

**Prod. SCU**

In die cast. Fusion raw finish.

The dimensions listed below are indicative and may be subject to change.

Flange Ø	mm	90	115	320
Flange height	mm	15	22	25
Bore Ø	mm	30	30	30
Hub Ø	mm	60	85	118
Hub height	mm	30	35	55
Weight	Kg	1,5	3	25
1571P	Each	18,70	29,80	167,00

The dimensions listed below are indicative and may be subject to change.

Product running out of stock.

REVOLVING CENTERS

1578

SCU



60°

Prod. SCU

Light. In hardened and ground steel, hardness HRC 61-62.

With tip at 60°.

Drive	C.M.	2	3	4
Rotating tip Ø	mm	24	27	30
Body Ø	mm	45	52	58
Radial workload	N	400	800	1250
Weight	Kg	0,460	0,800	1,256
1578	Each	92,10	114,00	129,00

1579

SCU



60°

Type precision. In forged steel, hardened and ground. Hardness HRC 61-62.

Point at 60°

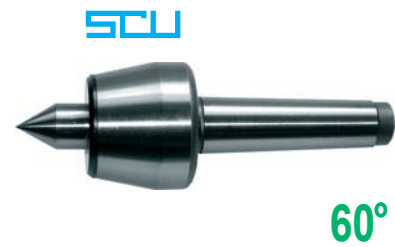
Drive	C.M.	1	2	3	4	5
Rotating tip Ø	mm	10	18	23	25	38
Body Ø	mm	28	41	50	60	75
Max load	Kg	80	180	270	550	1000
Weight	Kg	0,200	0,550	0,970	1,550	3,200
1579	Each	137,00	143,00	183,00	262,00	382,00

C.M. 6 revolving centres available on request.



Heavy duty, high-precision centering.
In high resistance steel, completely hardened and ground. Hardness HRc 61-63.
3 x double ball bearings. Point at 60°

Drive	C.M.	2	3	4	5	6
Rotating tip Ø	mm	18	24	25	38	50
Body Ø	mm	46	60	70	90	105
Max rev/min	No.	5500	5500	5000	4000	2800
Max load	Kg	220	500	800	1500	2500
Weight	Kg	0,680	1,300	2,100	4,500	9,200
1580	Each	167,00	223,00	302,00	437,00	1.130,00



1580

BULL NOSE LATHE CENTERS

Type for turning and grinding tubes and hollow bodies.
Totally made of hardened and ground steel.
With 60° cusp.

Drive	C.M.	1	2	3	4	5
Rotating cone max Ø	mm	50	60	80	100	120
Rotating cone min Ø	mm	20	30	30	40	50
Tours / minute	No.	5000	5000	4500	3000	3000
Max load	Kg	100	180	350	600	750
1582A	Each	172,00	202,00	285,00	315,00	502,00



1582A
new

REVOLVING CENTERS WITH INTERCHANGEABLE INSERTS

Prod. SCU

Light. In hardened and ground steel.
Complete with interchangeable inserts and extractor for the inserts.
CM connection. 2. Length of rotating body only 35 mm. Total length without inserts 130 mm.

1584E	Each	277,00
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1584E



Prod. SCU - Röhm

High precision model. Housing in high-resistance steel.
Spindle in special steel, hardened and ground.
Triple-range of ball bearings and guide rollers, liquid-proof, slag-proof.
Interchangeable points at 60°, 90°, truncated and hollow cone. Conic drive, hardened and ground.
Only revolving centre without inserts.

Drive	C.M.	2	3	4
Length of rotat. body only	mm	45	48	67
Max axial load	Kg	40	130	250
1584G	Each	482,00	471,00	666,00

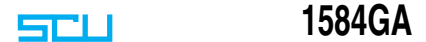


1584G

Point at 60° for Art. 1584 G.

For tailstock drive	C.M.	2	3	4
1584GA	Each	58,10	68,70	80,70

1584 GA		
	A	C
2	16	13
3	20	17
4	28	23,5



1584GA



60°

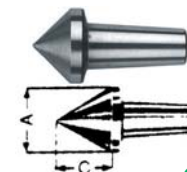
Point at 90° for Art. 1584 G.

For tailstock drive	C.M.	2	3	4
1584GC	Each	78,90	78,90	94,10

1584 GC		
	A	C
2	16	7,5
3	20	9,5
4	28	13,5



1584GC



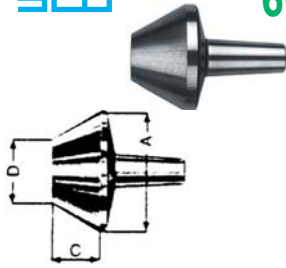
90°



1584GE

SCU

60°



60° conical trunk inserts for Art.1584G

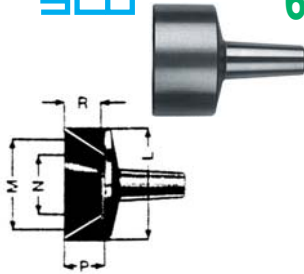
For tailstock drive	C.M.	2	3	4
1584GE	Each	78,90	88,10	135,00

1584 GE			
	A	C	D
2	25	13	10
3	35	17,5	15
4	55	21,5	30

1584GF

SCU

60°



60° hollow trunk inserts for Art.1584G

For tailstock drive	C.M.	2	3	4
1584GF	Each	142,00	173,00	243,00

1584 GF					
	L	M	N	P	R
2	25	20	10	14	11
3	35	30	15	19	16
4	55	48	30	24	18

1584GL

SCU



Insert pullers for Art. 1584 G.

For tailstock drive	C.M.	2	3	4
1584GL	Each	28,20	46,90	46,90

DEAD LATHE CENTERS

1585

SCU

60°



Prod. SCU

In WOLFRAM steel, fully hardened and ground. Precision machined.

With 60° conical cusp.

Drive	C.M.	1	2	3	4	5	6
Length	mm	80	100	125	160	200	280
1585	Each	15,00	15,00	22,10	32,30	58,20	124,00

1586A

SCU

60°



Type with hardened, ground carbide cusp.

Drive	C.M.	1	2	3	4	5	6
Length	mm	80	100	125	160	200	280
1586A	Each	35,10	35,10	45,50	61,40	106,00	219,00

HARTMETALL

1586B

SCU

60°



Product description as Art. 1586A

Drive	C.M.	2	3	4	5
Length	mm	100	125	160	200
1586B	Each	38,90	48,20	65,70	111,00

HARTMETALL



QUICK-CHANGE TOOL BLOCKS

Prod. SCU

In forged steel, hardened and ground. With 5 tool-holders: 3 x standard tool-holders and 1 with ptismatic lock, 1 tip-holder, 2 wrenches included. High-precision finish.

SCU

1587

Body dimensions	mm	70x70	80x80	100x100	115x115	126x126	145x145
Height	mm	45	55	60	75	85	95
Central bore	mm	14	14	20	25	25	32
For tools up to thickness	mm	16	20	21	26	31	36
Drive	C.M.	1	1	2	3	3	4
Weight	Kg	3,5	5	9	15	19	27
1587	Each	880,00	937,00	956,00	1.120,00	1.290,00	1.540,00

Spare flat seat tool holder. For Art. 1587.

Body dimensions	mm	70x70	80x80	100x100	115x115	126x126	145x145
O1587A	Each	117,00	117,00	117,00	134,00	167,00	201,00

Spare V-seat tool holder. For Art. 1587.

Body dimensions	mm	70x70	80x80	100x100	115x115	126x126	145x145
O1587B	Each	125,00	125,00	125,00	150,00	182,00	217,00

Spare tool holder with Morse cone. For Art. 1587.

Body dimensions	mm	70x70	80x80	100x100	115x115	126x126	145x145
O1587C	Each	224,00	224,00	224,00	278,00	303,00	398,00

These parts are only suitable for turrets supplied by us.

T-wrenches. Square socket.

Opening	mm	7	9	10	12
For turrets	mm	70x70/80x80	100x100	115x115/126x126	145x145
O1587E	Each	24,90	24,90	32,50	35,40

Offset socket wrenches. Hexagonal opening.

Opening	mm	10	12	14	17	21
For turrets	mm	70x70	80x80	100x100	115x115/ 126x126	145x145
O1587F	Each	37,30	37,30	37,30	45,10	63,10



6

BUCKLING KNURLING TOOLS

Prod. SCU

Professional model according to DIN 403 for knurling according to DIN 82. Diameter: 20mm. Thickness: 8mm. Hole: 6mm. In special HSS steel, hardness HRC 62 (± 1). Ground sides and bore. Fine milled tothing.

SCU

1592GA

Straight profile (AA).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GA	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GA	Each	45,50	45,50	45,50	45,50	45,50		



AA
HSS

Product description as Art. 1592GA

Helical profile, left, 30° (BL 30).

SCU

1592GB

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GB	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GB	Each	45,50	45,50	45,50	45,50	45,50		



30°

BL
HSS

Product description as Art. 1592GA

Helical profile, left, 45° (BL 45).

SCU

1592GC

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GC	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GC	Each	45,50	45,50	45,50	45,50	45,50		



45°

BL
HSS

Product description as Art. 1592GA

Helical profile, right, 30° (BR 30).

SCU

1592GE

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GE	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GE	Each	45,50	45,50	45,50	45,50	45,50		



30°

BR
HSS



1592GF SCU

45°



BR
45°
LZ
HSS
BR
HSS

Product description as Art. 1592GA
Helical profile, right, 45° (BR 45).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GF	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GF	Each	45,50	45,50	45,50	45,50	45,50		

1592GH SCU

30°



GE
30°
LZ
HSS
GE
HSS

Product description as Art. 1592GA
Cross profile, 30° beaded point (GE 30).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GH	Each	75,80	75,80	75,80	75,80	75,80	75,80	75,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GH	Each	75,80	75,80	75,80	75,80	75,80		

1592GL SCU

45°



GE
45°
LZ
HSS
GE
HSS

Product description as Art. 1592GA
Cross profile, 45° beaded point (GE 45).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GL	Each	75,80	75,80	75,80	75,80	75,80	75,80	75,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GL	Each	75,80	75,80	75,80	75,80	75,80		

1592GM SCU

30°



GV
30°
LZ
HSS
GV
HSS

Product description as Art. 1592GA
Cross profile, 30° with reentrant point (GV 30).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GM	Each	82,10	82,10	82,10	82,10	82,10	82,10	82,10
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GM	Each	82,10	82,10	82,10	82,10	82,10		

1592GP SCU

45°



GV
45°
LZ
HSS
GV
HSS

Product description as Art. 1592GA
Cross profile, 45° with reentrant point (GV 45).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GP	Each	82,10	82,10	82,10	82,10	82,10	82,10	82,10
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GP	Each	82,10	82,10	82,10	82,10	82,10		

Upon sale of all stock, the knurled items from Art. 1592 GA to 1592 GP will be supplied in SINTERED COBALT special steel instead of HSS.

KNURLING TOOLS HOLDERS

1592GR SCU



Prod. SCU
Professional model, in forged steel. Burnished finish.
Supplied with pins, without knurling tools.
1-pcs knurling tool. Length: 110mm. Cross section: 14x14mm.

1592GR	Each	43,10
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Knurling tools: see Art. 1592 GA to 1592 GP.

1592GS SCU



Product description as Art. 1592GR
2-pcs knurling-tools to obtain RAA, RGE knurling at 30° - 45°. Length: 148mm.
Cross section: 18x25mm.

1592GS	Each	179,00
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Knurling tools: see Art. 1592 GA to 1592 GP.

1592GT SCU



Product description as Art. 1592GR
6-pcs knurling tools to obtain RAA, RGE knurling at 30° - 45°. Length: 178mm.
Section: 25x25mm.

1592GT	Each	300,00
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Knurling tools: see Art. 1592 GA to 1592 GP.



Product description as Art. 1592GR

2-pcs knurling tools, with compensating action. For axial and radial use, to obtain RAA, RGE knurling at 30° - 45°. Adjustable capacity Ø mm 4 a 50. Length mm 215. Section mm 18x25.

1592GV Each 428,00

Knurling tools: see Art. 1592 GA to 1592 GP.

SCU

1592GV



KNURLING TOOLS SETS

Prod. SCU

In handy PVC box.

Dimensions: 205x135x45mm.

The set contains:

1 x Art. 1592 GR

1 x Art. 1592 GS

1 x each Art. 1592 GA 0.8 - 1.2 - 1.6

1 x each Art. 1592 GB 0.8 - 1.2 - 1.6

1 x each Art. 1592 GE 0.8 - 1.2 - 1.6

1 x additional spare pin Art. 1592 GR

2 x additional spare pins for Art. 1592 GS

Complete assortment.

1592GZ Each 570,00

SCU

1592GZ



CUTTING KNURLING TOOLS

Prod. SCU

Professional model according to standard 403 for CUTTING knurling according to DIN 82.

Diameter 21.5mm. Thickness 5mm. Bore 8mm.

In special HSS steel, hardness HRC 62 (± 1). Ground sides and bore.

Fine milled toothing.

Straight profile (AA).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1593GA	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50

Pitch	mm	1,4	1,5	1,6	1,8	2
1593GA	Each	45,50	45,50	45,50	45,50	45,50

SCU

1593GA



AA

HSS

Product description as Art. 1593GA

Helical profile, left, 15° (BL 15).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1593GB	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50

Pitch	mm	1,4	1,5	1,6	1,8	2
1593GB	Each	45,50	45,50	45,50	45,50	45,50

SCU

1593GB



BL

HSS

15°

Product description as Art. 1593GA

Helical profile, left, 30° (BL 30).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1593GC	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50

Pitch	mm	1,4	1,5	1,6	1,8	2
1593GC	Each	45,50	45,50	45,50	45,50	45,50

SCU

1593GC



BL

HSS

30°

Product description as Art. 1593GA

Helical profile, right, 15° (BR 15).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1593GE	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50

Pitch	mm	1,4	1,5	1,6	1,8	2
1593GE	Each	45,50	45,50	45,50	45,50	45,50

SCU

1593GE



BR

HSS

15°

Product description as Art. 1593GA

Helical profile, right, 30° (BR 30).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1593GF	Each	45,50	45,50	45,50	45,50	45,50	45,50	45,50

Pitch	mm	1,4	1,5	1,6	1,8	2
1593GF	Each	45,50	45,50	45,50	45,50	45,50

SCU

1593GF



BR

HSS

30°

Upon sale of all stock, the knurled items from Art. 1593 GA to 1593 GF will be supplied in SINTERED COBALT special steel instead of HSS.



KNURLING TOOLS HOLDERS

1593GP **SCU**



Prod. SCU

Industrial model, in forged steel. Burnished finish. To be installed also on numerical control lathes (NC), high speed.

Supplied with threaded pins, without knurling tools.

1-pcs knurling tool, 30° inclined head, reversable, for axial use. Required for RAA, RBR and 30° RBL knurling.

Suitable for component Ø from 5mm to 250mm. Length 150mm. Cross section 20x25mm.

1593GP	Each	772,00
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For knurls see Art. 1593 GA to 1593 GF.

1593GR **SCU**



DESTRO + SINISTRO

Product description as Art. 1593GP

2-pcs knurling tool, for axial use. Required for 30° RGE, 45° RGE and 60° RGE knurling.

Suitable for component Ø from 5mm to 250mm. Length 165mm. Cross section 20x25mm.

For R+L use.

1593GR	Each	1.240,00
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For knurls see Art. 1593 GA to 1593 GF.

LATHE DOGS

1594A **SCU**
new



Prod. SCU

Aluminum body, steel screw.

Size		1	2	3	4
Min capacity	mm	2	6	11	17
Max capacity	mm	5	10	16	25
1594A	Each	35,20	37,40	39,10	40,60

1595E **SCU**
new



Automatic type, in hardened steel.

For lathes and grinders.

Rapid change of workpieces. For series production.

Size		8	16	24	32	40	48
Min capacity	mm	0	8	16	24	32	40
Max capacity	mm	8	16	24	32	40	48
1595E	Each	119,00	124,00	130,00	131,00	137,00	144,00

Spare springs for Art. 1595 E.

Size		16	48
Size		1595E 8-16	1595E 24 - 48
O1595E	Each	2,56	2,56

Spare levers for Art. 1595 E.

Size		8	16	24	32	40	48
O1595F	Each	50,20	50,20	51,60	51,60	52,40	55,40

CLEANERS FOR CONE AND CYLINDRICAL SHANKS

1596G **SCU**



Prod. SCU

For cone inside cleaning. Housing in plastic material with longitudinal inserts in synthetic leather. Oil-proof and detergent-proof.

Type for Morse cones.

Morse cone		1	2	3	4	5
1596G	Each	19,70	21,50	23,20	36,20	47,30

1597G **SCU**



Product description as Art. 1596G

Type for ISO/SK cones.

Cone ISO/SK		20	30	40	45	50
1597G	Each	24,40	22,90	31,10	49,80	60,90

1598G **SCU**



Product description as Art. 1596G

Type for HSK cones.

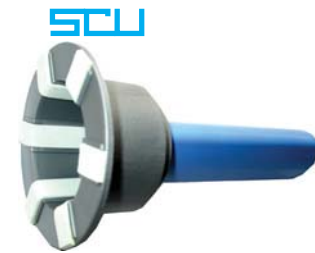
Cone HSK		25	32	40	50	63	80	100	125
1598G	Each	75,20	71,60	75,20	78,10	82,40	94,90	104,00	158,00

When stocks last, the art. 1596 G - 1597 G - 1598 G will be supplied in blue color.



For cone outside cleaning. Housing in plastic material with longitudinal inserts in synthetic leather. Oil-proof and detergent-proof. Type for HSK - 63 cones.

Cone HSK	63
1598GA	Each 82,40



1598GA

Palm model for cone outside cleaning. Housing in plastic material with longitudinal inserts in synthetic leather. Oil-proof and detergent-proof. Type for HSK - 63 cones.

Cone HSK	63
1598GB	Each 75,20



1598GB

Patented model for cylindrical shanks and holes inside cleaning. Pilot spring-system in the hole to be cleaned. Housing in plastic material with longitudinal inserts in synthetic leather. Oil-proof and detergent-proof.

For int. bore Ø	mm	16	20	25	32	40
Cleaning inserts length	mm	75	75	85	105	110
1599G	Each	64,50	64,50	71,20	80,10	84,50



1599G

OIL-SYSTEM REGULATION

Orig. MAXIFLEX

Maxiflex is flexible. Adjustable length to position the hose where required. Maxiflex is dimensionally stable. If correctly positioned, neither the flow of substances nor machine vibrations can modify its position. Maxiflex keeps flow steady. Unrestricted flow in any positions and constant flow of any kind of substances, liquids and compressed air is guaranteed up to 4 atm. Maxiflex is versatile. Single-hose system, one or more nozzles can be installed through relative connections. Maxiflex is easy to assemble. Removal and installation are highly simplified by using an assembly pliers specifically designed to this purpose and a simple separator. Maxiflex is manufactured in high grade synthetic material. Maxiflex synthetic material is solid and chemicals-proof. Maxiflex hose is not conductive.

HOSE 1/4" - 6mm
SET:
1 x R 1/4" connector
1 x nozzle Ø 3.2mm
1 x hose pipe 320mm.

1601G	Each 19,30
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1601G



Product description asArt. 1601G
HOSE 1/4" - 6 mm
Articulated hose. Length: 1m.

1602G	Pack 54,40
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1602G



Product description asArt. 1601G
HOSE 1/4" - 6mm
Articulated hose. Length: 10m.

1603G	Pack 544,00
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1603G



**1604GA** **maxi lex**

1/4"

Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x nozzles Ø 1.6mm.

1604GA Pack 12,20

1604GB **maxi lex**

1/4"

Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x nozzles Ø 3.2mm.

1604GB Pack 12,20

1604GC **maxi lex**

1/4"

Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x nozzles Ø 5.6mm.

1604GC Pack 12,20

1604GF **maxi lex**

1/4"

Product description asArt. 1601G
HOSE 1/4" - 6mm
2 x flat nozzles 24mm.

1604GF Pack 16,10

1604GL **maxi lex**

1/4"

Product description asArt. 1601G
HOSE 1/4" - 6mm
2 x multi-hose flat nozzles 24mm.

1604GL Pack 16,10

1604GP **maxi lex**

1/4"

Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x angled nozzles Ø 1.6mm.

1604GP Pack 14,30

1604GR **maxi lex**

1/4"

Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x angled nozzles Ø 3.2mm.

1604GR Pack 14,30

1604GS **maxi lex**

1/4"

Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x angled nozzles Ø 5.6mm.

1604GS Pack 14,30

1604GT **maxi lex**

1/4"

Product description asArt. 1601G
HOSE 1/4" - 6mm
2 x multi-hole angled nozzles, 7 holes Ø 2mm.

1604GT Pack 12,80

Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x R 1/8" connections.

1605GA Pack 14,30

maxi flex

1605GA



Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x R 1/4" connections.

1605GB Pack 14,30

maxi flex

1605GB



Product description asArt. 1601G
HOSE 1/4" - 6mm
2 x Y - junctions.

1605GC Pack 16,10

maxi flex

1605GC



Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x adaptors for LOC-LINE and ARIANA systems.

1605GF Pack 12,20

maxi flex

1605GF



Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x double socket adaptors.

1605GL Pack 17,80

maxi flex

1605GL



Product description asArt. 1601G
HOSE 1/4" - 6mm
4 x double socket adaptors.

1605GN Pack 17,80

maxi flex

1605GN



Product description asArt. 1601G
HOSE 1/4" - 6mm
2 x clips junctions.

1605GR Pack 16,10

maxi flex

1605GR



Product description asArt. 1601G
HOSE 1/4" - 6mm
1 x separator.

1607GA Each 6,04

maxi flex

1607GA



Product description asArt. 1601G
HOSE 1/4" - 6mm
1 x assembly pliers.

1607GB Each 25,10

maxi flex

1607GB





1612G

1/2"



Product description asArt. 1601G

HOSE 1/2" - 12mm

SET:

1 x R 1/2" connection

1 x nozzle Ø 10mm

1 x hose pipe 320mm.

1612G

Each 22,10

1613G

1/2"



Product description asArt. 1601G

HOSE 1/2" - 12mm

Articulated hose, length: 1m.

1613G

Pack 66,60

1613GL

1/2"



Product description asArt. 1601G

HOSE 1/2" - 12mm

Articulated hose, length: 10m.

1613GL

Pack 666,00

1614GA

1/2"



Product description asArt. 1601G

HOSE 1/2" - 12mm

4 x nozzles Ø 10mm.

1614GA

Pack 14,30

1614GB

1/2"



Product description asArt. 1601G

HOSE 1/2" - 12mm

2 x flat nozzles 30mm.

1614GB

Pack 17,80

1614GC

1/2"



Product description asArt. 1601G

HOSE 1/2" - 12mm

2 x flat nozzles 60mm.

1614GC

Pack 17,80

1614GF

1/2"



Product description asArt. 1601G

HOSE 1/2" - 12mm

2 x multihole flat nozzles 30mm.

1614GF

Pack 17,80



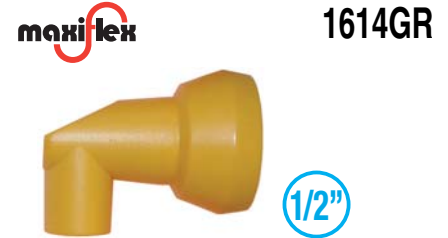
Product description asArt. 1601G
HOSE 1/2" - 12mm
4 x angled nozzles Ø 7mm.

1614GP Pack **17,80**



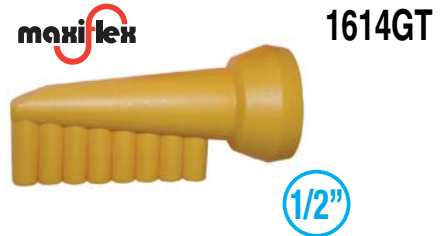
Product description asArt. 1601G
HOSE 1/2" - 12mm
4 x angled nozzles Ø 10mm.

1614GR Pack **17,80**



Product description asArt. 1601G
HOSE 1/2" - 12mm
2 x angled nozzles with 8 holes, Ø 3.2mm.

1614GT Pack **16,50**



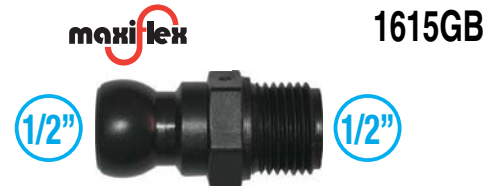
Product description asArt. 1601G
HOSE 1/2" - 12mm
4 x R 3/8" connections.

1615GA Pack **15,40**



Product description asArt. 1601G
HOSE 1/2" - 12mm
4 x R 1/2" connections.

1615GB Pack **15,40**



Product description asArt. 1601G
HOSE 1/2" - 12mm
2 x Y - junctions.

1615GC Pack **17,80**



Product description asArt. 1601G
HOSE 1/2" - 12 mm
2 x Y - junctions with 12 ÷ 6 adaptors.

1615GF Pack **17,80**



Product description asArt. 1601G
HOSE 1/2" - 12mm
2 x 12 ÷ 6 adaptors.

1615GL Pack **16,10**





1615GN **maxi lex**



Product description asArt. 1601G
HOSE 1/2" - 12mm
4 x adaptors for LOC-LINE and ARIANA systems.

1615GN Pack **14,30**

1615GP **maxi lex**



Product description asArt. 1601G
HOSE 1/2" - 12mm
4 x double socket adaptors.

1615GP Pack **20,70**

1615GS **maxi lex**



Product description asArt. 1601G
HOSE 1/2" - 12mm
4 x double adaptors.

1615GS Pack **20,70**

1615GT **maxi lex**



Product description asArt. 1601G
HOSE 1/2" - 12mm
2 x clips junctions.

1615GT Pack **17,80**

1616GA **maxi lex**



Product description asArt. 1601G
HOSE 1/2" - 12mm
1 x separator.

1616GA Each **9,96**

1616GB **maxi lex**



Product description asArt. 1601G
HOSE 1/2" - 12mm
1 x assembly pliers.

1616GB Each **25,10**

1619GA **maxi lex**



Product description asArt. 1601G
HOSE 1/2" - 12mm
4 x hose pipes, length: 120mm.

1619GA Pack **24,30**

1619GM **maxi lex**



Product description asArt. 1601G
HOSE 1/2" - 12mm
4 x box couplings.

1619GM Pack **20,70**



Assortment of 23 components connection 1/4", in a practical plastic case.

Contents:

- 3 articulated flexible hoses from 280 mm
- 2 round jets Ø 1.6 mm
- 3 round jets Ø 3.2 mm
- 2 round jets Ø 5.6 mm
- 1 flat jet 24 mm
- 1 flat jet with 7 holes, 24 mm
- 2 Y-joints
- 1 double joint
- 2 threaded R-joints 1/8 "
- 3 threaded R-joints 1/4"
- 1 adapter for LOC-LINE and ARIANA systems
- 1 pair of mounting pliers Art. 1607 GB
- 1 separator Art. 1607 GA.

1620GA Each **157,00**

maxi lex **1/4"** **1620GA**



Assortment of 20 components connection 1/2", in a practical plastic case.

Contents:

- 3 articulated flexible hoses from 265 mm
- 3 round jets Ø 10 mm
- 1 flat jet 30 mm
- 1 flat jet 60 mm
- 1 flat jet with 6 holes, 30mm
- 1 Y-joint
- 1 reduction Y-joint from 1/2" to 1/4"
- 1 reduction joint from 1/2" to 1/4"
- 2 threaded R-joints 3/8"
- 3 threaded R-joints 1/2"
- 1 adapter for LOC-LINE and ARIANA systems
- 1 pair of mounting pliers Art. 1616 GB
- 1 separator Art. 1616 GA.

1620GB Each **206,00**

maxi lex **1/2"** **1620GB**



Assorted set of components on perforated sheet wall displayer.

Dimensions: 440 x 730mm with hooks.

SELLING DISPLAYERS

Each set contains:

- 6 x assorted hose pipes Art. 1601 G
- 3 x nozzles Art. 1604 GA
- 3 x nozzles Art. 1604 GB
- 3 x nozzles Art. 1604 GC
- 3 x nozzles Art. 1604 GF
- 2 x connections Art. 1605 GA
- 3 x connections Art. 1605 GB
- 2 x junctions Art. 1605 GC
- 2 x separators Art. 1607 GA
- 2 x pliers Art. 1607 GB.

Complete displayer.

1621G Each **439,88**

maxi lex **1/4"** **1621G**



Flow regulators for liquids or air inlet-outlet. In synthetic material, high resistance and tightness.

FLOW REGULATORS

3 regulators with 1/4"- 6mm fitting.

1624G Pack **16,70**

Product description as Art. 1624G

FLOW REGULATORS

3 regulators with 1/2"-12mm fitting.

1625G Pack **32,10**

maxi lex **1624G**
1625G



Flush valve for liquids or air inlet-outlet. In pressed brass, nickel-plated and high resistance and tightness synthetic material.

Threaded drive NPT 1/4 and 1/4" - 6mm fitting.

1626G Each **9,16**

Product description as Art. 1626G

Threaded drive NPT 1/2 and 1/2" - 12mm fitting.

1627G Each **10,50**

maxi lex **1626G**
1627G





1628G

maxi flex

1/4"



Magnetic supports with hose connection Ø 10mm, flow regulator valve for liquids or air inlet-outlet. Complete with 1 assortment Art. 1601 G. Vertical or horizontal use.

Magnetic traction force: Kg 19.

MAGNETIC SUPPORTS FOR HOSE WITH REGULATORS

Complete with 1/4" - 6mm pipe.

1628G Each **178,00**

1630G

maxi flex

1/2"



Magnetic supports with hose connection Ø 13mm, flow regulator valve for liquids or air inlet/outlet. Complete with 1 assortment Art. 1612 G (but R 3/8" adaptor instead of R 1/2").

Vertical or horizontal use.

Magnetic traction force: Kg 19.

MAGNETIC SUPPORTS FOR HOSE WITH REGULATORS

Complete with 1/2" - 12mm pipe.

1630G Each **275,00**

6

1632G

maxi flex

1/4"



Magnetic supports with connection Ø 10mm. Complete with 2 sets Art. 1601 G for liquids or air flow.

Magnetic traction force: Kg. 19.

MAGNETIC SUPPORTS FOR HOSE

Complete with 1/4" - 6mm pipes.

1632G Each **164,00**

1634G
1635G

maxi flex



Magnetic supports with hose connection Ø 13mm. 3 x flow regulator valves for liquids or air triple inlet-outlet, 1/4" drive.

Magnetic traction force: Kg 24.

MAGNETIC SUPPORTS FOR HOSE WITH REGULATORS

1/4" - 6mm system support.

1634G Each **394,00**

Magnetic supports with hose connection Ø 13mm. 3 x flow regulator valves for liquids or air triple inlet-outlet, 1/4" drive.

Magnetic traction force: Kg 24.

MAGNETIC SUPPORTS FOR HOSE WITH REGULATORS

1/2" - 12mm system support.

1635G Each **394,00**

1/4"



1/2"



ORDERS AND REMINDERS

Here are **THE SICUTOOLS** dedicated to reminders, offers and orders, checking of order status, shipment tracking, download of orders, transport documents and invoices.

m.sicutool.it

Allows you to check real-time stock and other logistics information from mobile devices

**MySCU
SOL Desktop
App SOL**

Allow distributors to send online orders and end users to save reminders from PC, mobile devices and iPads. Distributors can also track orders and shipments, and download orders, transport documents and invoices.

- ▶ www.sicutool.it/SOL-Web
- ▶ www.sicutool.it/SOL-Desktop



Use the QR code to download the app SOL for iPad.

NEW!

NEW ITEMS GROUP 7

PNEUTEC
DRUCKLUFTWERKZEUGE



1639A

Wet/dry vacuum cleaners,
professional type
▶ P. 488



1639E

Wet/dry vacuum cleaners,
industrial type
▶ P. 488



1639L

Powerful and compact
electric pressure washers
▶ P. 488



1663G

Battery-powered screwdrivers,
super-professional type
▶ P. 490

PNEUTEC
DRUCKLUFTWERKZEUGE



1665A

Battery-powered, pistol-type,
professional screwdriver
▶ P. 490



1669GF

Rotary battery-powered drill-
screwdrivers, super-professional type
▶ P. 491



1669GR

Rotary battery-powered drill-
screwdrivers, super-professional type
▶ P. 492



1669GS

Rotary battery-powered drill-
screwdrivers, super-professional type
▶ P. 492



1669GT

Battery-powered angle grinders,
super-professional type
▶ P. 492



1669GZ

Battery-powered jigsaws,
super-professional type
▶ P. 493



1680GD

Electronic rotary and percussion drills,
professional type
▶ P. 495



1698P

Electro-grinders/sharpening machines,
professional type, for workbench
▶ P. 501



1701A

Columns for grinders/sharpening
machines Art. 1698 P
▶ P. 501



1701E

Electric scrapers
for all types of surfaces
▶ P. 501



1710L

Double-toothed electric saw blades
for sawing
▶ P. 507



1719GD-GE

Compressed air grinders, stylus type
▶ P. 521



1719GSE

Compressed air angle grinders
▶ P. 522



1729G 3E

Pneumatic screwdrivers, pistol type
▶ P. 527



1813T

Steel brushes, disk type
▶ P. 534



1833ZB

Wool felt discs
▶ P. 540



1834D

Abrasive pastes
▶ P. 541



1842E-F

Industrial brushes, with wooden body
▶ P. 543



1842L

Industrial brushes, broom type
▶ P. 543



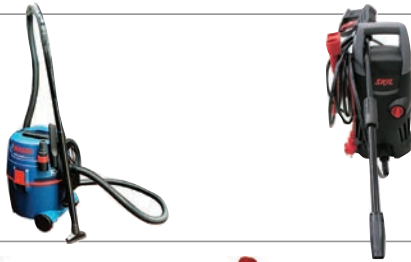
1872A

Industrial diamonds for grinding,
shaping and reviving grinding wheels
▶ P. 548

ELECTRIC TOOLS - COMPRESSED AIR TOOLS BRUSHES, GRINDING WHEEL DRESSES

All items are in sequence. It's very easy to find them!

Vacuum cleaners and water cleaner



From **1639A**
To **1639L**

Hand and breast drills



From **1640G**
To **1660G**

Cordless and electric screwdrivers
Electric and electronic drills
Drills stands
Electric angle grinders and supports
Hand grinders
Stand grinders and accessories
Other electric tools and accessories



From **1662G**
To **1712T**

Air tools



From **1712ZG**
To **1729G 3F**

Air tools accessories
Automatic hose reels for air and water



From **1730G**
To **1744**

Brushes
Magnetic tools



From **1798A**
To **1847G**

Dressing tools
Industrial diamonds



From **1849GA**
To **1872A**

**HUMID / DRY ASPIRATORS****1639A**
*new***SCU****Prod. SCU - BOSCH**

Professional high power type for versatile wet and dry applications. Body in sturdy synthetic shockproof material. Single-phase motor 220 - 230 Volt. Easy filter cleaning thanks to the SEMIAUTOMATIC system (SFC).

Integrated blow-off function for quick and easy drying of wet surfaces, varnishes, etc. Simultaneous connection and start-up with low-dust power tools. With 2 swivel wheels (1 equipped with brake) and 2 large fixed wheels.

"L" vacuum cleaner dust class (AGW > 1 mg / mm³).

Supplied with 2 suction tubes 0,5 m, universal adapter for power tools, long slit nozzle, nozzle for large particles, pleated filter, air adjustment fitting, m 3 hose and dust disposal package / debris.

Tank capacity	l	19
Liquid capacity	l	15
Absorbed power	W	1200
Maximum air flow	l/min	3720
Depression max	m/bar	215
Weight	Kg	6,5

1639A	Each	607,00
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Spare pleated filters for Art. 1639 A.

O1639A 1	Each	72,40
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Spare dust / debris disposal bags for Art. 1639 A. Indivisible 5 piece pack.

O1639A 2	Pack	72,40
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1639E
*new***SCU**

Industrial type with very high power for universal wet and dry applications. Body in sturdy synthetic shockproof material. Single-phase motor 220 - 240 Volt. Filter cleaning with AUTOMATIC system (AFC). Simultaneous connection and start-up with power tools up to 2200 W and delayed switch-off for complete absorption of dust / residues.

With 2 swivel wheels (1 equipped with brake) and 2 large fixed wheels.

"L" vacuum cleaner dust class (AGW > 1 mg / mm³). Supplied with 3 chrome-plated suction tubes 0.35 m, universal adapter for power tools, long slit nozzle, multi-purpose nozzle set, flat cellulose filter, fitting, 5 m hose and dust / debris disposal package.

Tank capacity	l	35
Liquid capacity	l	19
Nominal/max power consumption	W	1200/1380
Maximum air flow	l/min	4440
Depression max	m/bar	250
Weight	Kg	14

1639E	Each	1.370,00
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Spare pleated filter plates in cellulose for Art. 1639 E.

O1639E 1	Each	59,10
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Spare dust / debris disposal bags for Art. 1639 E. Indivisible 10 piece pack.

O1639E 2	Pack	90,90
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Wet filter bags that separate the liquid from solid materials (optional accessory) for Art. 1639 E. Indivisible 5 piece pack.

O1639E 3	Pack	148,00
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ELECTRIC HYDRO CLEANERS**1639L**
*new***SCU****Prod. SCU - SKIL**

Powerful and compact high-pressure washers with a large working area of 11 m (5 m cable + 5 m hose + lance). Aluminum pump for longer life.

Double safety insulation and radio / TV interference suppression compliant with European standards. Single-phase motor 220 - 230 Volt. Equipped with trigger gun with variable jet lance, hose connection and detergent bottle.

Power	W	1400
Maximum pressure:	bar	105
Max capacity	l/h	370
Max flow temperature	°C	50
Weight	Kg	4,1

1639L	Each	215,00
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HAND DRILLS

Prod. SCU

Models with practical storage handle.
Light-weight type. With 1 gear and 1 pinion.
With chuck for bits up to 6mm. Total length 240mm.

1640G Each **18,30**

Spare chucks for Art. 1640 G.

O1640G Each **4,08**

Models with practical storage handle.
Light-weight type. With 1 gear and 1 pinion.
With chuck for bits up to 8mm. Total length 260mm.

1642G Each **21,90**

Spare chucks for Art. 1642 G.

O1642G Each **5,00**

SCU

1640G
1642G



Practical storage handle.
Reinforced model. With 1 gear and 2 pinions.
With chuck for drill bits up to 8mm. Total length 285mm.

1644G Each **28,10**

Spare chucks for Art. 1644 G.

O1644G Each **5,00**

SCU

1644G



BREAST DRILLS

Prod. SCU

With closed gears.
Silent and fluid movement. Double speed.

For tips up to	mm	13
Overall length	mm	330
Weight	Kg	1,15

1660G Each **49,60**

Spare chucks for Art. 1660 G.

O1660G Each **7,96**

SCU

1660G



7

BATTERY SCREWDRIVERS

Prod. SCU - SKIL

Reversible model, with "soft grip" pistol handle.
Block includes a tip which can be tightened by hand and a spotlight.
Fully integrated with (Li-Ion) LITHIUM battery. USB 100-240 V battery charger. Case complete with accessories: magnetic connection, 26 bit imprints, 5 hexagonal 6-8-10-11-13 sized sockets with adapters, 2 2mm and 3 mm points. With spotlight for use in poorly lit areas.

Drive for inserts	inch	1/4
For screws up to	M	5
No-load speed	rev/min	200
Reload time after running	hours	3-5
Battery voltage	Volt	3,6 - 1,5 Ah Li-Ion
Max torque	Nm	7
Weight	Kg	0,3

1662G Each **97,50**

SCU

1662G



1/4"

3,6V

CE

**1663G**
new

SCU



1/4"

20V



Super-professional reversible percussion model, high power and very high performance, equipped with LITHIUM (Li-ion), detachable, NEW GENERATION battery with "KEEP COOL" technology for better heat dissipation and double life compared to other batteries. Compact and handy pistol shape, with ergonomic handle covered with soft rubber for a safer grip. Hexagonal drive; quick, magnetic bit. Left / right rotation and battery level indicator, with spotlight for use in dimly lit areas. Quick charger V 220-240. Equipped with 1 battery, 1 PH 2 bit and belt clip.

Drive for inserts	inch	1/4
For screws up to	M	14
No-load speed	rev/min	0-2500
No. of strikes/min		0-3200
Reload time after running	hours	1-1/4
Battery voltage	Volt	20 - 2,5 Ah Li-ion
Max torque	Nm	140
Weight	Kg	1,3

1663G	Each	269,00
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Spare battery 20 V (KEEP COOL) for Art. 1663 G - 1669 GR - 1669 GS - 1669 GT - 1669 GZ.

O1663G 1	Each	127,00
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THE BATTERY CHARGER and BATTERY 20 V of the series (KEEP COOL) are INTERCHANGEABLE with those of the other art. 1669 GR - S - T - Z, guaranteeing a more rational and economic management of the battery tools (E / P ENERGY PLATFORM).

On request the same items are supplied for batteries of 20 V - 4.0 Ah-Lion and 20 V - 5.0 Ah-Lion.

BATTERY IMPACT WRENCHES**1665A**
newPNEUTEC
DRUCKLUFTWERKZEUGE

1/2"

18V



Prod. Pneutec - Art. UT 8510

Gun type, professional, light, manageable and robust. Ergonomic handle in soft material for a better grip. Reversible. LED light to illuminate the workplace. Equipped with 2 detachable, rechargeable LITHIUM batteries. With battery level indicator light. Battery charger V 240. In plastic case.

Drive for bushes	inch	1/2
Length	mm	165
For bolts up to	M.	22
No-load speed	rev/min	0-2400
Battery voltage	Volt	18 - 4,0 Ah
Max torque screw/unscrew	Nm	450/680
Noise level	dB	85
Vibrations	m/s ²	1,5
Weight	Kg	1,8

1665A	Each	721,00
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1665G

SCU



1/2"

20V



Prod. SCU

Pistol grip type, for professional use, high power and very sturdy. Ergonomic handle made of soft material for greater comfort. Reversible. LED light to illuminate the workplace. Equipped with 2 detachable, rechargeable LITHIUM batteries. With battery level indicator. Battery charger V 220-240. In plastic case.

Drive for bushes	inch	1/2
Length	mm	254
For bolts up to	M.	24
No-load speed	rev/min	0-1900
Battery voltage	Volt	20,0 - 4,0 Ah
Max torque	Nm	650
Noise level	dB	101
Vibrations	m/s ²	15,3
Weight	Kg	3,05

1665G	Each	1.140,00
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PERCUSSION BATTERY DRILLS

Professional type, 2-speed type with mechanical speed adjustment.
 17-speed clutch plus top speed (for drilling or power screwing).
 Auto-lock function, to tighten and loosen the spindle with just one hand and to manually finish the screwing operation.

With spotlight for use in dimly lit areas.

Equipped with 1 removable, rechargeable LITHIUM (Li-ion) battery. 220-240 V battery charger.

Quick chuck connec.3/8x24	mm	10
Steel/wood force	mm	10/30
For screws up to	M.	8
No-load speed	rev/min	0-400/0-1500
Battery voltage	Volt	16 - 1,5 Ah
Weight	Kg	1,2

1669GAP	Each	176,00
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Product running out of stock.

Spare battery for Art. 1669 GAP.

O1669GAP 2	Each	132,00
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Product running out of stock.

SCU **CE** **1669GAP**



16V

Super-professional, 2-speed type with mechanical speed adjustment.
 19-speed clutch plus top speed (for drilling or power screwing).
 Auto-lock function, to tighten and loosen the spindle with just one hand and to manually finish the screwing operation.

With spotlight for use in dimly lit areas.

Equipped with 1 fixed, rechargeable LITHIUM (Li-ion) battery. 220-240 V battery charger.

Quick chuck connec.3/8x24	mm	10
Steel/wood force	mm	10/35
For screws up to	M.	8
No-load speed	rev/min	0-400/0-1600
Battery voltage	Volt	20 - 1,5 Ah
Weight	Kg	1,3

1669GB	Each	213,00
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Spare V 12 battery for Art. 1669 GB.

O1669GB 2	Each	168,00
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SCU **CE** **1669GB**



20V

7

ROTARY AND PERCUSSION DRILL - SCREWDRIVERS

Prod. SCU - SKIL

Super-professional, very high power, 2-speed model with mechanical adjustment, reversible.
 19-speed clutch (screwing), plus 1 top speed (for drilling).
 Auto-lock function, to tighten and loosen the spindle with just one hand and to manually finish the screwing operation. With spotlight for use in dimly lit areas.

Equipped with 2 LITHIUM (Li-ion) batteries, detachable, rechargeable.

Battery charger V 100-240.

Quick chuck connec.3/8x24	mm	10
Bores Steel/wall/wood	mm	10/15/35
For screws up to	M.	8
No-load speed	rev/min	0-400/0-1600
No. of strikes/min		5200-20800
Battery voltage	Volt	20 - 1,5 Ah Li-Lon
Max torque	Nm	54
Weight	Kg	1,4

1669GF	Each	322,00
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For replacement battery see Art. O1669 GB 2.

SCU **CE** **1669GF**
new



20V

**1669GR**
new SCU

20V



Super-professional reversible percussion model, 2-speed with mechanical adjustment, high power and very high performance, equipped with LITHIUM (Li-ion), detachable, NEW GENERATION battery with "KEEP COOL" technology for better dissipation of the heat and double life compared to other batteries.

Ergonomic handle covered with soft rubber for a safer grip. 17-speed clutch (screwing), plus 1 + 1 top speed (rotation + percussion) for drilling or power screwing.

Auto-lock function to tighten and loosen the spindle with just one hand and to manually finish the screwing operation. Left / right rotation and battery level indicator, with spotlight for use in dimly lit areas. Quick charger V 220-240.

Equipped with 2 batteries and belt clip.

Quick chuck connec.1/2x20	mm	13
To bore steel/stones/wood	mm	13/13/40
For screws up to	M.	8
No-load speed	rev/min	0-420/0-1450
No. of strikes/min		0-6300/0-21750
Reload time after running	hours	1-1/4
Battery voltage	Volt	20 - 2,5 Ah Li-Lon
Max torque	Nm	55
Weight	Kg	1,5
1669GR	Each	365,00

For replacement battery see Art. O1663 G 1.

1669GS
new SCU

20V

1/4"



Super-professional reversible percussion model with SDS-plus drill bit and chisel drive. Lightweight, handy and compact to work even in positions difficult to access.

Equipped with LITHIUM (Li-ion), detachable, NEW GENERATION battery with "KEEP COOL" technology for better heat dissipation and twice the life time of other batteries. 2-hand ergonomic grip, covered with soft rubber for a safer grip.

TRIPLE DRILLING, PERCUSSING / SCALPING AND SCREWING with 1/4 hexagonal bits. Left / right rotation and battery level indicator, with spotlight for use in dimly lit areas. Quick charger V 220-240.

Equipped with 1 battery, 1 1/4 magnetic drive, 75 mm length, and 10 bits for screws.

To bore steel/cement/hard wood	mm	10/12/12
For screws up to	M.	8
No-load speed	rev/min	0-900
No. of strikes/min		0-5000
Reload time after running out	hours	1 1/4
Battery voltage	Volt	20 - 2,5 Ah Li-Lon
Weight	Kg	1,9
1669GS	Each	310,00

For replacement battery see Art. O1663 G 1.

BATTERY CORNER GRINDERS**1669GT**
new SCU

20V

**Prod. SCU - SKIL**

Super-professional, high power and very high performance model, equipped with LITHIUM (Li-ion), detachable, NEW GENERATION battery with "KEEP COOL" technology for better heat dissipation and twice the life time of other batteries.

Handle covered with soft rubber for a safer grip.

Additional handle with vibration damper, which can be positioned sideways or at the top of the grinder for maximum comfort and safety in sanding, deburring, roughing, parting and finishing.

Slow disc start to gradually reach the maximum speed and avoid kickback. Spindle lock.

Quick charger V 220-240.

For wheels Ø	mm	115
grind-holder shaft thread	M.	14
Disc bore Ø	mm	22
No-load speed	rev/min	8500
Reload time after running	hours	1-1/4
Battery voltage	Volt	20 - 2,5 Ah Li-ion
Weight	Kg	2,2
1669GT	Each	269,00

For replacement battery see Art. O1663 G 1.



ALTERNATIVE BATTERY SAWS

Prod. SCU - SKIL

Super-professional, high power and very high performance model, equipped with LITHIUM (Li-ion), detachable, NEW GENERATION battery with "KEEP COOL" technology for better heat dissipation and twice the life time of other batteries.

Handle covered with soft rubber for a safer grip. Continuous speed regulation system; 4 adjustments of the orbital position of the blade. For sawing, contouring, drilling, wood, masonite, synthetic resins, Formica, pressed carton, aluminum, steel, etc. Switch with locking button for continuous operation. Designed for suction. Blade replacement and base adjustment without tools. With spotlight for use in dimly lit areas. Quick charger V 220-240. Equipped with 1 battery and 5 blades.

Wood/aluminium/steel cutting	mm	65/6/8
No. of strokes/min		0-2800
Blade stroke length	mm	23
Reload time after running	hours	1-1/4
Battery voltage	Volt	20 - 2,5 Ah Li-ion
Weight	Kg	1,8

1669GZ	Each	269,00
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For replacement battery see Art. O1663 G 1.



ELECTRIC SCREWDRIVERS

Prod. SCU - SKIL

Professional model, ideal for fastenings on the left and right of plasterboard. Double insulation and shield protection for radio/TV which complies with European standards. Single phase 220-240 Volt, with electronic variable speed. 1/4 inch magnetic hexagonal fittings.

Hexag. drive for inserts	inch	1/4
Power	W	520
For screws up to	M.	6
No-load speed	rev/min	0-4500
Max torque	Nm	10
Weight	Kg	1,3

1670G	Each	211,00
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Product running out of stock.



ELECTRONIC SCREWDRIVERS DRILLS

Prod. SCU - SKIL

Universal, light and easy to handle, with 2 speeds ENERGY SAVING. Double safety insulation and radio/TV interference shielding according to European regulations. Single phase 220-240 Volt motor, with switch to adjust speed. Reversible rotation. Settings of torque in 20 positions, plus 1 direct connection position.

Quick Rack drive 3/8x24	mm	10
Steel/wood force	mm	8/20
For screws up to	M.	6
Power		0,9 A (~ 14,4 V)
No-load speed	rev/min	0-400/1600
Max torque	Nm	38
Weight	Kg	1,2

1670GP	Each	137,00
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ELECTRONIC DRILLS

1671E

SCU



CE

Prod. SCU - SKIL

Universal, modern and ergonomic. Double safety insulation and radio/TV interference shielding according to European regulations. 220-240 volt single-phase motor with continuous electronic variation and automatic electronic stabilization of speed. Reversible rotation and disengageable percussion. Equipped with additional handle and depth rod.

Quick Rack drive 1/2x20	mm	13
Bores Steel/wall/wood	mm	13/16/35
Bores concrete force	mm	13
Absorbed power	W	550
No-load speed	rev/min	0-3000
No. of strikes/min		0-48000
Weight	Kg	1,8

1671E Each **97,50**

1671G

SCU



CE

Professional type, modern and ergonomic line. Double safety insulation and radio/TV interference shielding according to European regulations. 220-240 Volt monophas motor, continuous electronic variation and automatic electronic stabilisation of speed. Reversible rotation and disengageable percussion. Equipped with additional handle and depth rod.

Quick Rack drive 1/2x20	mm	13
Bores Steel/wall/wood	mm	13/20/40
Bores concrete force	mm	13
Absorbed power	W	1000
No-load speed	rev/min	0-3000
No. of strikes/min		0-48000
Weight	Kg	1,9

1671G Each **129,00**

1673G

SCU



CE

High-power professional type, for heavy duty. Double safety insulation and radio/TV interference shielding according to European regulations. 220-240 Volt monophas motor, continuous electronic variation and automatic electronic stabilisation of speed. Reversible rotation and disengageable percussion. Equipped with additional handle and depth bar.

Quick chuck connec.1/2x20	mm	13
Bores Steel/wall/wood	mm	13/20/40
Bores concrete force	mm	13
Absorbed power	W	900
No-load speed	rev/min	0-1100/0-2800
No. of strikes/min		0-17600/0-44800
Weight	Kg	2,5

1673G Each **172,00**

1676G

SCU



CE

High-power professional type, for heavy duty. Double-speed reversible rotation and percussion. Double safety insulation and radio/TV interference shielding according to European regulations. 220-240 Volt monophas motor, continuous electronic variation and automatic electronic stabilisation of speed. Reversible rotation and disengageable percussion. Equipped with additional handle and depth bar.

Rack chuck connec.1/2x20	mm	16
Bores Steel/wall/wood	mm	13/22/45
Bores concrete force	mm	16
Absorbed power	W	1100
No-load speed	rev/min	0-1000/0-3000
No. of strikes/min		0-16000/0-48000
Weight	Kg	3,3

1676G Each **293,00**

Product running out of stock.

Prices in EURO . VAT not included



With SDS-plus drill bit shank.

Disconnectable percussion mechanism for drilling steel, wall and wood.

Special percussion system for works in the building industry. Reversible rotation for screwing/unscrewing screws, auto-threading screws, bolts and for threading. Double safety insulation and radio/TV interference shielding according to European regulations. 220-240 Volt monophase motor, continuous electronic variation and electronic stabilisation of speed through push button switch. Equipped with additional handle, depth rod and ruck chuck mm 1,5-13.

Bores Steel/wall/wood	mm	13/26/40
Bores concrete force	mm	24
Absorbed power	W	1010
No-load speed	rev/min	0-950
No. of strikes/min		0-4100
Weight	Kg	3,2
1680G	Each	264,00



Professional high performance model with SDS-plus drill bits drive.

Disengaging percussion mechanism for drilling steel, wall and wood.

Special percussion system for works in the building sector. Reversible rotation for screwing and unscrewing screws, self-tapping screws, bolts and for threading. Double insulation and radio/TV interference shielding according to European regulations. 220-240 Volt single-phase motor with continuous electronic variation; electronic speed stabilization by pushbutton. Provided with additional handle and depth rod.

Bores Steel/wall/wood	mm	13/36/40
Bores concrete force	mm	32
Absorbed power	W	1500
No-load speed	rev/min	0-800
No. of strikes/min		0-2700
Weight	Kg	5,3
1680GD	Each	303,00

For multipurpose drills, see Art. 3078 B.



DRILL STANDS

Prod. SCU

Universal type for drills Art. 1671 G - 1673 G - 1676 G and similar models with European shank, collar Ø 43mm. With return spring and vertical adjuster. Sturdy steel toothed column and rectangular base 270 x 185 mm.

Type		Standard
Overall height	mm	500
Span	mm	127
Working stroke	mm	60
Column Ø	mm	30
Weight	Kg	5
1681GA	Each	158,00



Product description as Art. 1681GA

Type		Professional
Overall height	mm	500
Span	mm	127
Working stroke	mm	60
Column Ø	mm	35
Weight	Kg	6,6
1681GB	Each	168,00



**1681GE** SCU

Super-professional type, sturdy and stable build.
Vertical and horizontal adjustment. 360° adjustable column.
Stroke rollers with adjustable guides. End of stroke rod, stop collar, adjustable and graded.
For drills Art. 1671 G - 1673 G - 1676 G and other models with European type collar Ø 43mm.
Sturdy return spring, steel toothed column and stable rectangular base 300x180mm.

Overall height	mm	500
Span	mm	175
Working stroke	mm	55 with spring / 250 without spring
Column Ø	mm	35
Weight	Kg	17,5

1681GE	Each	366,00
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1681GP SCU

Plate-shaped device Ø 180mm, adjustable to 360°, suitable for stand Art. 1681 GB e 1681 GE.

1681GP	Each	65,80
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ELECTRIC ANGLE GRINDERS**1684GT** SCU

Prod. SCU - SKIL

Super fast grinders, which are easy to handle, lightweight, and ergonomic for grinding, trimming, cutting and finishing without causing fatigue.
Single phase 220 V. With double insulation and shield protection for radio/TV, which complies with European standards. Spindle lock. Safety switch.

For wheels Ø	mm	115
Absorbed power	W	600
No-load speed	rev/min	12000
Grinding shaft thread	M.	14
Disc bore Ø	mm	22
Weight	Kg	1,6

1684GT	Each	97,50
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For grinding wheels see Sonnenflex program.

1685GE SCU

Very fast and powerful grinders, particularly sturdy for grinding, deburring, roughing, cutting and finishing.

220 V mono-phase motor. Double insulation and radio/TV interference shielding, according to European standards. With safety switch to avoid damaging the machine in case of over-loading. Spindle lock.

For wheels Ø	mm	125
Absorbed power	W	750
No-load speed	rev/min	12000
Grinding shaft thread	M.	14
Disc bore Ø	mm	22
Weight	Kg	1,8

1685GE	Each	137,00
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For grinding wheels see Sonnenflex programme.

1686G SCU

Product description as Art. 1685GE

For wheels Ø	mm	125
Absorbed power	W	1300
No-load speed	rev/min	12000
Grinding shaft thread	M.	14
Disc bore Ø	mm	22
Weight	Kg	2,4

1686G	Each	254,00
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For grinding wheels see Sonnenflex program.



Very fast and powerful angular grinders for deburring welded parts and fusion residues. For heavy duty. Suitable for any kind of roughing operation and for cutting by using abrasive grinding wheels. 220-240 V monophase motor. Double insulation and radio/TV interference shielding according to European regulations. With safety switch for avoiding damaging the machine if overloaded. Spindle block. With soft handle, able to reduce the effort due to the vibrations. Slow disk start-up to gradually reach the maximum speed and avoid kickback.



For wheels Ø	mm	230
Absorbed power	W	2400
No-load speed	rev/min	6600
Grinding shaft thread	M.	14
Disc bore Ø	mm	22
Weight	Kg	5,2
1689G	Each	215,00

For grinding wheels see Sonnenflex program.

ANGLE GRINDER SUPPORTS

Prod. SCU
Standard type, for grinders Art. 1686 G and the like with grinding wheel Ø 115/125mm. In alloy with stable base 240x240mm and locking clamp. For straight and 45° and 90° angled cuts. Weight 2.5 Kg Supplied dismantled.



1689L	Each	61,80
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Standard type for grinders Art. 1689 G and similar models with grinding wheel Ø 180/230mm. In sturdy alloy with steady base of large dimensions 300x300mm and blocking clamp. For 45°/90° straight and angular cut. Weight 4.5kg. Supplied dismantled.



1689P	Each	73,70
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ELECTRIC POLISHING MACHINES

Prod. SCU - SKIL
Professional model for cleaning and dry polishing metals, woods, plastics, etc. Double safety insulation and shield protection for radio/TV, which complies with European standards. Single phase 220-240 V. Supplied with 2 pads Ø 125 e 180 mm and 2 lambskin headphones.



Absorbed power	W	1300
No-load speed	rev/min	3600
Pad drive thread	M	14
Weight	Kg	2,9
1690G	Each	400,00



SANDING GLAZING MACHINE

1691GE

SCU



Prod. SCU

Professional type to be used with suitable brushes Art. 7960 A to 7960 V and disks 1833 T - V to obtain satin finished surfaces on stainless steel, metals, wood, plastics. Can also be used for deburring, smoothing, brushing and polishing. 230 V single phase motor with double insulation and radio/TV interference shielding, in compliance with European standards. Rev speed selector and progressive switch. With guard device. Brush holder shaft length 100 mm.

For brushes up to Ø	mm	120
Absorbed power	W	1300
No-load speed	rev/min	1300-3050
Brush holder drive	mm	19,1
Weight	Kg	2,8

1691GE	Each	763,00
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Set of 10 spacer rings, made of reinforced plastic, to mount brushes of a length of 50 mm on polishers Art. 1691 GE: Thickness of each ring 5 mm, hole Ø 19.1 mm.

O1691GE	Series	30,60
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SANDING GLAZING MACHINE

1691GL

SCU



Prod. SCU

Professional model with grinding wheel holder. Sturdy mechanical structure and speed electronic stabilizer ensure high performances in both grinding and cleaning operations. 230 V monophase motor with double insulation and radio/TV interference shielding according to European regulations. Provided with a device for the selection of the number of revolutions and a For grinding wheels, brushes, sanding disks etc. up to Ø 150mm. Male threaded connection M 14 and shaft Ø 16mm.

Absorbed power	W	1600
No-load speed	rev/min	1600-4800
Weight	Kg	3,4

1691GL	Each	578,00
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1691GP

SCU



Professional model, light and handy structure. Provided with tool connecting pin, long-version, to reach even difficult to access positions. 230 V monophase motor with double insulation and radio/TV interference shielding according to European regulations. Provided with a device for the selection of the number of revolutions and a progressive switch.

Type		1	2
Absorbed power	W	1200	1200
No-load speed	rev/min	2500-6500	10000-28000
For wheels, brushes, abrasive	mm	100	50
Tools drive	mm	6	6
Weight	Kg	2,2	2,2

1691GP	Each	361,00	314,00
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ELECTRIC GRINDERS

1692

SCU



Prod. SCU - SKIL

Bench model for universal usage. With double insulation 220-240V mono-phase engine and shield protection for radio/TV, which complies with European standards. 2 wheels equipped with safety guards and adjustable supports.

Complete with 1 grinder grain 36 and 1 grinder grain 60, hole 16mm.

Type		2 point
With mills	mm	200x20
Absorbed power	W	370
No-load speed	rev/min	2950
Weight	Kg	10,2

1692	Each	244,00
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Product running out of stock.

1692A

SCU



IP52



Prod. SCU

Workbench type for professional use. Motor closed and protected from infiltrations. Shafts on ball bearings and 2 grinding wheels equipped with safety protections and supports. V 230/50 Hz monophase motor.

Complete with grinding wheels, hole 20mm.

Type		2 point
With mills	mm	125x16
Power	HP	0,35
Absorbed power	W	250
No-load speed	rev/min	3000
Weight	Kg	7

1692A	Each	319,00
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Product description as Art. 1692A

Complete with grinding wheels, hole 20mm.

Type		2 point
With mills	mm	150x20
Power	HP	0,50
Absorbed power	W	380
No-load speed	rev/min	3000
Weight	Kg	9

1692E	Each	335,00
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SCU IP52 1692E



Product description as Art. 1692A

Complete with grinding wheels, hole 16mm.

Type		2 point
With mills	mm	200x25
Power	HP	0,90
Absorbed power	W	680
No-load speed	rev/min	3000
Weight	Kg	18

1692L	Each	501,00
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SCU IP52 1692L



Workbench type for professional use. Motor closed and protected from infiltrations.

Shafts on ball bearings, 1 grinding wheel and 1 brush holder shaft equipped with safety protections.

Complete with grinding wheel, hole 20mm., without brush.

Type		1 comb. point
1 comb. pointWith mill	mm	150x20
Power	HP	0,50
Absorbed power	W	380
No-load speed	rev/min	3000
Brushes shaft Ø	mm	12
Weight	Kg	8

1693E	Each	412,00
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For brushes see Art. O1693 S 100x12.

SCU IP52 1693E



Product description as Art. 1693E

Complete with grinding wheel, hole 16mm., without brush.

Type		1 comb. point
With mill	mm	200x25
Power	HP	0,90
Absorbed power	W	660
No-load speed	rev/min	3360
Brushes shaft Ø	mm	16
Weight	Kg	16

1693F	Each	589,00
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For brushes see Art. O1693 S 150x20.

SCU IP52 1693F



Spare corundum grinding wheels for Art. 1692 A - 1692 E - 1692 L - 1693 E - 1693 F.

Coarse grit.

Ø for thickness	mm	125x16	150x20	200x25
Hole Ø	mm	20	20	16
O1693M	Each	25,20	38,30	60,00

Product description as Art. O1693M

Medium grit.

Ø for thickness	mm	125x16	150x20	200x25
Hole Ø	mm	20	20	16
O1693P	Each	25,20	38,30	60,00

Spare steel brushes for Art. 1693 E - 1693 F.

Ø for thickness	mm	100x12	150x16
Hole Ø	mm	12	16
O1693S	Each	25,20	38,30



1694A

SCU

IP52



Workbench type, for industrial use.

Motor compliant to safety regulations and equipped with international homologated switch. 2 shafts installed on radial ball bearings, airtight closure. Grinding wheel cover with dust discharge opposite to the operator and supports. V 400/50 Hz tri-phase motor.

Without grinding wheels.

Type		2 point
for wheels	mm	150x20
Power	HP	0,5
Absorbed power	W	380
No-load speed	rev/min	3000
Wheels shaft Ø	mm	16
Weight	Kg	11,2

1694A	Each	500,00
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For grinding wheels see Art. O1698 M - O1698 P

1696A

SCU

IP52



Product description as Art. 1694A

Without grinding wheels.

Type		2 point
for wheels	mm	200x25
Power	HP	1
Absorbed power	W	750
No-load speed	rev/min	2800
Wheels shaft Ø	mm	20
Weight	Kg	17

1696A	Each	654,00
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For grinding wheels see Art. O1698 M - O1698 P

1697A

SCU

IP52



Workbench type for industrial use. Motor compliant to safety regulations and equipped with international homologated switch. 1 grinding wheel holder and 1 brush-holder shaft installed on radial ball bearings, airtight closure. Grinding wheel cover with dust discharge opposite to the operator and supports. V 400/50 Hz tri-phase motor.

Without grinding wheel and brush.

Type		1 comb. point
for wheels	mm	150x20
Power	HP	0,5
Absorbed power	W	380
No-load speed	rev/min	3000
Wheels shaft Ø	mm	16
Weight	Kg	9

1697A	Each	607,00
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For grinding wheels and brushes see Art. O1698 M - O1698 P - O1698S

1698A

SCU

IP52



Product description as Art. 1697A

Without grinding wheel and brush.

Type		1 comb. point
for wheels	mm	200x25
Power	HP	1
Absorbed power	W	750
No-load speed	rev/min	3000
Wheels shaft Ø	mm	20
Weight	Kg	17

1698A	Each	807,00
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For grinding wheels and brushes see Art. O1698 M - O1698 P - O1698S

Spare corundum grinding wheels for Art. 1694 A - 1696 A - 1697 A - 1698 A.

Coarse grit.

Ø for thickness	mm	150x20	200x25
Hole Ø	mm	16	20
O1698M	Each	38,30	60,00

Product description as Art. O1698M

Medium grit.

Ø for thickness	mm	150x20	200x25
Hole Ø	mm	16	20
O1698P	Each	38,30	60,00

Spare steel brushes for Art. 1697 A - 1698 A.

Ø for thickness	mm	150x16	200x20
Hole Ø	mm	16	20
O1698S	Each	38,30	60,00

Grinders/sanders+vacuum cleaners are available on request.

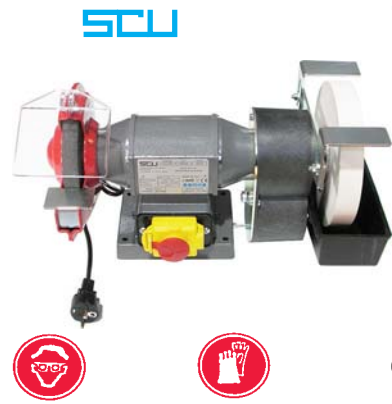


ELECTRIC GRINDERS-SHARPENERS

Prod. SCU

Professional workbench type. Water bath grinding wheel with reduced rotation speed that allows razor sharpening of blades, knives, chisels, gouges, etc., in steel, HSS steel and INOX. Motor closed and protected from infiltrations. Shafts on ball bearings, 1 grinding wheel and 1 shapening wheel equipped with accident protection. Single-phase motor V 230/50 Hz.

Type		2 point
With 1 grind. wheel	mm	150x20x20
With 1 sharp. wheel	mm	200x30x16
Power	HP	0,40
Absorbed power	W	300
No-load speed sharp.	rev/min	2800
No-load speed grind. wheel	rev/min	130
Weight	Kg	11
1698P	Each	547,00



1698P
new



STANDS FOR GRINDERS

Prod. SCU

For grinders Art. 1692 L - 1693 F. Dimensions base/height 345x285/730h mm ca. Weight 26Kg.

1699	Each	277,00
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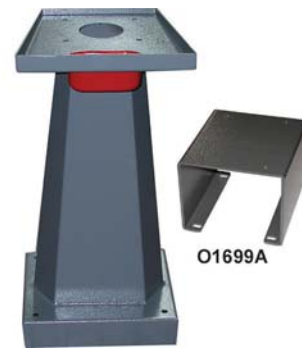
With adaptor Art. O1699 A, the stand may be used also with grinders Art. 1692 A - 1692 E - 1693 E

Column adaptor Art. 1699 with grinders Art. 1692 A - 1692 E - 1693 E. Height 130mm.

O1699A	Each	29,30
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SCU

1699



For grinders Art. 1696 A - 1698 A. Dimensions base/height 400x370/760h mm ca. Weight 33Kg.

1701	Each	347,00
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For grinders / sharpeners Art. 1698 P. Dimensions base / height mm 345x285 / 830h, complete with adapter. Weight 27 kg.

1701A	Each	306,00
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SCU

1701
1701A
new



ELECTRIC SCRAPERS

Prod. SCU - SKIL

To remove, smooth, restructure and engrave all types of surfaces. Ergonomic handle for optimum comfort. Single-phase motor V 230-240. Double insulation and radio/TV interference shielding according to European regulations. 3-positions speed adjustment. With quick release system for the replacement of accessories.

Supplied with steel accessories: 1 wide blade mm 60, 1 wide spatula mm 60, 1 flat and narrow chisel 15 mm and 1 universal narrow blade 35 mm.

Absorbed power	W	200
No-load speed	rev/min	6500/8500/9500
Movement	mm	2,2
Weight	Kg	1,2
1701E	Each	156,00

For manual scrapers see Art. 2909 G to 2921.

INDIVISIBLE set of 4 replacement blades / spatulas for Art. 1701 E.

O1701E	Each	33,10
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Single parts not available.

SCU

1701E
new





ELECTRIC PORTABLE PLANES

1701GA SCU



Prod. SCU - SKIL

High-performance professional type for heavy duty with depth adjusting device. With push switch and safety bracket. Double safety insulation, radio/TV interference shielding according to European regulations.

220-240 V monophasic motor. Supplied with 1 set of double-cut blades in HARD METAL. Plate width 82mm. Adaptor for vacuum cleaner.

Pass depth up to	mm	3
Stroke depth up to	mm	15
Absorbed power	W	900
No-load speed	rev/min	16000
Weight	Kg	3,7

1701GA	Each	449,00
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For spare blades see Art. 1701 GE.

1701GE SCU



Prod. SCU-Orig. MP.S

BLADES FOR ELECTRIC PLANES

In HARD METAL for the following models:

AEG EH 82-1/EH 82S/EH 450/EH 700/ EH 700R/ EH 822/H 500/H 750 - B + D BD 711/DN 710/ DN 712/DN 730 - Bosch GHO 31-82/36-82 C/PHO 20-82/ PHO 30- 82/PHO 100/200/300 - Fein HS2151 - Haffner FH 224 - Hitachi FP 20/ F 20A/P 20SA - Holz-Her 2223/2321/2330 - Mafell EHU 82 - Makita 1001/1100/1125B/1900/1901/1923B/1923H - Metabo 0882/3360/4382/8382 - Skil 1512/1525 (Art. SCU 1701 GA).

Dimensions 82x5.5x1.1mm. Packing unit: 2 blades.

1701GE	Pack	14,60
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ELECTRIC ORBITAL SANDERS

1702GA SCU



Prod. SCU - SKIL

For dry smoothing, polishing, grinding any kind of material. V 220-240 monophasic motor. Double insulation and radio/TV interference shielding according to European regulations. High-speed, wide orbital movement for rapid and uniform removal.

3-side wire smoothing. Integrated aspiration. With dust collection drawer.

Operating plate	mm	185x92
Abrasive sheet dimensions	mm	230x93
Idle oscillations/minute		13000
Absorbed power	W	240
Weight	Kg	1,9

1702GA	Each	106,00
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For abrasive paper and fabric see Art. 7758 G to 7768 G.

Sanding sheets Size 60. Packing unit: 10pcs, not sold separately. For Art. 1702 GA.

O1702GB 60	Pack	8,72
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Sanding sheets Size 120. Packing unit: 10pcs, not sold separately. For Art. 1702 GA.

O1702GB 120	Pack	8,14
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Sanding sheets Size 180. Packing unit: 10 pcs, not sold separately. For Art. 1702 GA.

O1702GB 180	Pack	8,14
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ELECTRIC ROTO-ORBITAL SANDERS

1702GE SCU



Prod. SCU - SKIL

Model with combined orbital/rotatory action for dry polishing and smoothing of curved and flat surfaces. V 220-240 monophasic motor. Double insulation and radio/TV interference shielding according to European regulations. Pad brake for avoiding damaging the material being used. Integrated aspiration.

With 3 sanding and velcroed disks with 8 holes.

Abrasive sheet Ø	mm	125
No. of idle rev/min		25000
Absorbed power	W	280
Weight	Kg	1,5

1702GE	Each	93,60
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Lambskin cap, for Art. 1702 GE.

O1702GH 1	Each	18,50
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Sponge buffers, for Art. 1702 GE.

O1702GH 2	Each	16,40
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For Velcro-backed abrasive disks see Art. 7801 G.



ELECTRIC BELT SANDERS

Prod. SCU - SKIL

Model with belt self-centring system. For dry smoothing, grinding large surfaces of any kind of material. V 220-240 monophasic motor.
Double insulation and radio/TV interference shielding according to European regulations.
Protected dragging mechanism, support frame with depth adjustment system. Blocking switch for non-stop use. Integrated aspiration.

Grinding surface	mm	130x76
Belt dimensions	mm	457x75
Belt no-load speed	m/min	300
Absorbed power	W	650
Weight	Kg	2,9

1702GL	Each	195,00
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Sanding belts Size 60. Packing unit: 3pcs, not sold separately. For Art. 1702 GL.

O1702GM 60	Pack	9,46
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Sanding belts Size 80. Packing unit: 3pcs, not sold separately. For Art. 1702 GL.

O1702GM 80	Pack	9,02
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Sanding belts Size 150. Packing unit: 3pcs, not sold separately. For Art. 1702 GL.

O1702GM 150	Pack	9,02
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SCU

1702GL



ELECTRIC JIG SAWS

Prod. SCU - SKIL

Very high quality/price ratio. For straight or curved cuts. Switch with lock function for continuous operation. With suction outlet. Support base can be tilted up to 45° to the left and right. Blade guide roller for precise cutting and longer blade life. Automatic blower. For sawing, cutting out, drilling: wood, masonite, synthetic resins, formica, pressed cardboard, aluminium, steels, etc. 220-240 V single phase motor with double insulation and radio/TV interference shielding, in compliance with European standards. With 1 blade.

Wood/aluminium/steel cutting	mm	65/10/4
Absorbed power	W	400
No. of strokes/min		0 - 3000
Weight	Kg	1,3

1703G	Each	110,00
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For spare blades see Art. 1707 GR to 1708 GV 12

SCU

1703G



7

Professional type, extremely high power, for heavy duty, with "soft grip" handle and continuous electronic adjustment of speed and blade orbital position. For straight or curved cuts. Switch with lock function for continuous operation. With suction outlet. Support base can be tilted up to 45° to the left and right. Blade guide roller for precise cutting and longer blade life. Automatic blower. With 180° LED lights for optimal viewing of the cut even in dimly lit areas.

For sawing, cutting out, drilling: wood, masonite, synthetic resins, formica, pressed cardboard, aluminium, steels, etc. 220-240 V single phase motor with double insulation and radio/TV interference shielding, in compliance with European standards.

Wood/aluminium/steel cutting	mm	85/16/9
Absorbed power	W	680
No. of strokes/min		800-3200
Weight	Kg	2,1

1704G	Each	195,00
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For spare blades see Art. 1707 GR to 1708 GV 12

SCU

1704G





BLADES FOR ELECTRIC SAWS

from
1705G
to
1705GL



Prod. SCU-Orig. MP.S

In BIMETAL steel.

Suitable for Black & Decker. Packing unit: 5 pcs, not sold separately.

Art.....

1705G

Application

For hard, soft, wood, wood with nails, iron, kitchen panels etc.

Toothing execution

milled, straight-set

Teeth pitch

mm

variable 1,8-2,5

Useful length

mm

110

Corresponding to model

Universal

Pack

13,80

In CHROME-VANADIUM steel.

Suitable for Black & Decker. Packing unit: 5 pcs, not sold separately.

Art.....

1705GA 1

1705GA 3

1705GB*

1705GC*

1705GC 1*

1705GC 3

Application

For hard, soft woods, plywoods, plastics

For hard, soft woods, plywoods, plastics

For hard, soft woods, chipboards

For hard, soft, laminated woods, reinforced plastics

For hard, soft, laminated woods, reinforced plastics up to 50mm

For hard, soft woods, plastics

Toothing execution

straight, sharpened conic

straight, sharpened conic

straight, sharpened

straight, sharpened conic

sharpened conic

milled, straight-set

Teeth pitch

mm

2,5

4

4

2

4

3

Useful length

mm

75

75

60

60

60

75

Corresponding to model

B + D A5035-2201

B + D A5037-2202

B + D A5038

B + D A5042

B + D A5036

B + D A5043-2206

Pack

6,20

6,44

4,82

5,88

6,02

4,44

*** Products running out of stock**

In HSS steel.

Suitable for Black & Decker. Packing unit: 5 pcs, not sold separately.

Art.....

1705GC 9

1705GF 1

Application

For tinplates with thickness from mm0,9 to 1,2, iron, soft metals, aluminium

For tinplates with thickness mm 3 - 6, iron, soft metals, aluminium

Toothing execution

milled, straight-set

milled, straight-set

Teeth pitch

mm

0,9

2

Useful length

mm

50

50

Corresponding to model

B + D A5040-A2227

B + D A5034-A2226

Pack

6,72

6,72

Product 1705GC 9 running out of stock

In CHROME-VANADIUM steel.

Suitable for Black & Decker. Packing unit: 5 pcs, not sold separately.

Art.....

1705GL

Application

To silhouet hard, soft woods, chipwoods, plastics, plexiglas

Toothing execution

milled, straight-set

Teeth pitch

mm

2

Useful length

mm

50

Corresponding to model

B + D A5033-A2203

Pack

4,70

Product running out of stock.

from
1705GM 1
to
1705GT



In CHROME-VANADIUM steel.

For MAKITA model.

Packing unit: 5 pcs, not sold separately.

Art.....

1705GM 1

1705GP

1705GR

Application

For hard, soft, laminated woods, reinforced plastics

For hard, soft woods, chipboards

For hard, soft woods, plastics

Toothing execution

straight, sharpened conic

straight, sharpened

straight

Teeth pitch

mm

2,5

4

3

Useful length

mm

75

75

75

Corresponding to model

MAKITA 42

MAKITA 5

MAKITA 3

Pack

6,98

5,86

4,94

In HSS steel.

For MAKITA model. Packing unit: 5 pcs, not sold separately.

Art.....

1705GR 9

1705GS

1705GT

Application

For tinplates with thickness mm 0,9 - 1,2, iron, soft metals, aluminium

For tinplates with thickness mm 1,5 - 3, iron, soft metals, aluminium

For tinplates with thickness mm 3 - 6, iron, soft metals, aluminium

Toothing execution

milled, straight-set

milled, straight-set

milled, straight-set

Teeth pitch

mm

0,9

1,2

2

Useful length

mm

60

60

60

Corresponding to model

MAKITA 7

MAKITA 1

MAKITA 2

Pack

6,78

7,06

7,06

Product 1705GR 9 running out of stock



For models AEG - BOSCH - ELU - HOLZ HER - FESTO - FLEX - HITACHI - MAKITA - METABO - LENOX - MILWAUKEE - SKIL 1703 G / 1704 G.

Packing unit: 5 pcs, not sold separately (Art. 1708GV and 1708GV 9-11-12 in single packing unit).



from
1707GR
to
1708GV 12



Art.	1707GR	1707GT	1708G 1	1708G 3
Application	For hard, soft woods, woods with nails, iron, inox, kitchen panels etc..	For hard, soft, laminated woods, reinforced plastics	For hard, soft woods, plywoods	To silhouet hard, soft woods, wood core plywood, plastics, plexiglas up to 20mm
Toothing execution	milled, straight-set	straight, sharpened conic	straight, sharpened conic	straight extra-thin
Teeth pitch	mm variable 1,8-2,5	2,5	4	2
Useful length	mm 110	75	75	50
Corresponding to model	Universal	Bosch T101BF	AEG 274351-Bosch T 101D-Holz-Her 17.3975-Metabo 23635	AEG 274650-Bosch T 119BO-Elu 142301204-Holz-Her 612383-Metabo 23646
Steel	bimetallic	bimetallic	chrome-vanadium	chrome-vanadium
Pack	13,80	12,60	6,44	4,70
Art.	1708G 7	1708G 9	1708GA	1708GA 4
Application	For straight cut of soft, hard woods, wood core plywood, plastics up to mm 60	For soft, hard woods, wood core plywood, plastics up to 1 mm 75	For hard, soft woods, plastics	For very fast cuts of hard, soft woods, plywoods, laminated, plastic up to 60mm. Winner of many comparing tests.
Toothing execution	sharpened conic	sharpened conic	straight, sharpened	straight, sharpened conic
Teeth pitch	mm 4	4	3	3
Useful length	mm 75	95	75	75
Corresponding to model	AEG-Bosch T 101 DP-Metabo 23655	AEG-Bosch T 301 D-Metabo 23654	AEG 254071-Bosch T 111 C-Elu 142301200-Holz-Her 17.4025-Metabo 23632	Universal
Steel	chrome-vanadium	chrome-vanadium	chrome-vanadium	chrome-vanadium
Pack	7,30	7,22	4,44	6,96
Art.	1708GA 8	1708GB	1708GB 1	1708GB 3
Application	For clean cuts without burrs of hard, soft woods, plywood, chip-board up to 60 mm	For hard, soft woods, plywood, wood core plywood, plastics up to 30 mm	For clean cuts without chipping of hard, soft woods, plywood, wood core plywood, particle board, laminates, plastics up to 30 mm	For soft, hard woods, plywoods, wood core plywood, plastics up to mm 30, special type with teeth on the back side for an easy curved cuts
Toothing execution	straight, sharpened conic	straight, sharpened conic	straight, sharpened conic	straight, sharpened conic
Teeth pitch	mm 2	2,5	2,5	2,5
Useful length	mm 75	75	75	75
Corresponding to model	Universal	AEG 254061-Bosch T 101 B-Elu 142301209-Holz-Her 17.3967-Metabo 23634	Bosch T 101 BR-Metabo 23630-Lenox CF 400 SR	Universal
Steel	chrome-vanadium	chrome-vanadium	chrome-vanadium	chrome-vanadium
Pack	6,88	6,20	6,70	8,08
Art.	1708GC	1708GC 5	1708GD	1708GE
Application	For soft, hard woods, stratified and laminated up to mm 60	For contouring hard, soft woods, plywood, plastics up to 20 mm	For soft, hard woods, plastics, special type for curved cuts	For brass, aluminium, plastics
Toothing execution	straight, sharpened	Rectified, tip sharpened	straight, sharpened	ondulated
Teeth pitch	mm 4	1,3	4	2
Useful length	mm 75	50	75	50
Corresponding to model	AEG 213116-Bosch T 144 D-Elu 142301209-Holz-Her 17.4017-Metabo 23633	Bosch T 101 AO-Metabo 23631-Lenox CF 320 SG	AEG 213116-Bosch T 244D-Holz-Her 17.3983-Metabo 23649	AEG 254064-Bosch T 118 B-Elu 142301206-Holz-Her 17.4092-Metabo 23638
Steel	chrome-vanadium	chrome-vanadium	chrome-vanadium	HSS
Pack	4,98	6,60	5,96	6,40
Art.	1708GF	1708GH	1708GH 9	1708GL
Application	For tinplates mm 1,5-3	For iron special type for curved cuts	For tinplates mm 0,9-1,2	For plastic, synthetic materials, aluminium
Toothing execution	ondulated	ondulated	ondulated	straight, sharpened
Teeth pitch	mm 1,2	1,2	0,9	3
Useful length	mm 50	50	50	75
Corresponding to model	AEG 254063-Bosch T 118 A-Holz-Her 17.4076-Metabo 23637	AEG-Bosch T 218 A-Holz-Her 17.4084-Metabo 23647	AEG 274652-Bosch T118G-Metabo 23636	AEG 254315-Bosch T 127 D-Elu 142301205-Holz-Her 17.4041-Metabo 23639
Steel	HSS	HSS	HSS	HSS
Pack	6,40	8,06	6,72	9,20
Art.	1708GL 9	1708GM	1708GO	1708GP
Application	For aluminium, not ferrous materials, plastic, synthetic materials	For finishing cuts of compress woods, soft metals, aluminium, plexiglas etc.	To silhouet soft metals, aluminium, fibreglass up to mm 20	For soft metals, steels, aluminium, INOX, not ferrous steel and plexiglas up to mm 3
Toothing execution	straight, sharpened	straight	straight	ondulated
Teeth pitch	mm 3	2	3	1,2
Useful length	mm 75	75	75	50
Corresponding to model	Bosch T127DF-Metabo 23974	AEG 274651-Bosch T 101 A-Metabo 23640	Bosch T 227 D Metabo 23648	Bosch T 118 AF-Metabo 23971
Steel	bimetallic	HSS	HSS	bimetallic
Pack	10,60	11,60	10,20	7,36



Prices in EURO . VAT not included



Art.	1708GP 5	1708GR	1708GR 5	1708GS
Application	For soft metals, steels, aluminium, INOX, not ferrous steel and plexiglas up to mm 3	For soft metals, aluminium, INOX, not ferrous steel, plastics up to mm 6	For soft metals, aluminium, INOX, not ferrous materials until mm 12, woods with, without nails up to 30 mm	For soft metals, aluminium, composite plywoods until mm 3
Toothing execution	ondulated	ondulated	ondulated	ondulated
Teeth pitch	mm 1,2	2	2	1,2
Useful length	mm 75	50	75	110
Corresponding to model	Universal	Bosch T 118 BF-Metabo 23973	Bosch T 111 HF-Lenox 410S	AEG 274654 Bosch T 318 A-Metabo 23629
Steel	bimetallic	bimetallic	bimetallic	HSS
Pack	8,72	7,36	8,72	10,70
Art.	1708GT	1708GV	1708GV 9	1708GV 11
Application	For soft metals, aluminium, composite plywoods, plastics up to mm 8	For fiberglass, hard plastics, ceramics, glass, bricks	For fine cuts of fibreglass, hard plastics, ceramics, glass, bricks	For reinforced fiberglass, pasterboard, asbestos cement panel up to 60mm, for abrasive materials.
Toothing execution	ondulated	coarse	fine	straight
Teeth pitch	mm 2	-	-	4,2
Useful length	mm 110	50	50	75
Corresponding to model	AEG 274653-Bosch T 318 B	AEG 213231-Bosch T 130R-Metabo 23657	AEG 213232-Bosch T 150R-Metabo 23658	Bosch T 141HM
Steel	HSS	hard metal	hard metal	hard metal
Pack	10,70	3,86	3,86	19,30
Art.	1708GV 12			
Application	For reinforced fiberglass, pasterboard, asbestos cement panel up to 95mm, for abrasive materials.			
Toothing execution	straight			
Teeth pitch	mm 4,2			
Useful length	mm 110			
Corresponding to model	Bosch T 341HM			
Steel	hard metal			
Pack	28,60			

7

1708GZ



Assortment of 5 packed blades Art. 708 G 3 - 1708 GA - B - C - E (1 pc x type).

1708GZ Each **5,98**

1709G



Set of 5 blades Art. 1707 GR - 1708 GA 4 - 1708 GA 8 - 1708 GB 3 - 1708 GP 5 (1 pc. x type).

1709G Each **9,16**

1709GE
1709GF



Exclusive type with discharge openings to increase the cooling, the life of the blade and the machining speed without interruptions.

Suitable for mod. AEG - BOSCH - ELU - HOLZ HER - FESTO - FLEX - HITACHI - MAKITA - METABO - LENOX - MILWAUKEE - SKIL 1703 G / 1704 G.

Pack: 2 indivisible pcs.

Art.

Application

Toothing execution

Teeth pitch

Useful length

Steel

	1709GE	1709GF
Application	For hard, soft woods, plywood, wood core plywood, plastics up to 30 mm	For clean cuts without burrs of hard, soft woods, plywood, chipboard up to 60 mm
Toothing execution	straight, sharpened conic	straight, sharpened conic
Teeth pitch	mm 2,5	2
Useful length	mm 75	75
Steel	chrome-vanadium	chrome-vanadium
Pack	3,66	4,52

Product 1709GF running out of stock



BLADES FOR ELECTRIC PAD SAWS

Prod. SCU-Orig. MP.S

Pad saw blades for models AEG - BOSCH - B + D - METABO - LENOX - HITACHI - SKIL - MILWAUKEE - FLEX - MAKITA.

Indivisible packing unit: 5 pcs (Indivisible packing unit for Art. 1710G 14 and 16: 2 pcs).



from
1710G 7
to
1710G 42



Art.	1710G 7	1710G 8	1710G 9	1710G 10
Application	For all kind of woods, plasterboards	For all kind of woods, plywoods, aluminium	For quick cuts, silhouet of hard, soft woods, hard plastics	For woods, plastics
Toothing execution	straight	straight	straight	straight
Teeth pitch	mm 6,3	2,5	4,2	4,2
Useful length	mm 130	130	130	280
Corresponding to model	AEG-Bosch-B + D-Metabo	AEG 318-127-Bosch S811 H-B + D 40103-Metabo 31123	AEG 318-126-Bosch S 644 D-B + D 40109-Metabo 31120	AEG 318-125-Bosch S 1344 D-B + D 40099-Metabo 31122
Steel	chrome-vanadium	chrome-vanadium	chrome-vanadium	chrome-vanadium
Pack	10,20	10,20	13,10	16,10
Art.	1710G 12	1710G 20	1710G 22	1710G 24
Application	For quick cuts in both directions of woods, plastics, plasterboards	For tinplates 1,5 - 3 mm of iron,metals, trimmed, pipes until mm 12	For tinplates 1,5 - 3 mm of iron,metals, trimmed, pipes until mm 12	For tinplates 1,5 - 3 mm of iron,metals, trimmed, pipes until mm 12
Toothing execution	straight	milled, straight-set	milled, straight-set	milled, straight-set
Teeth pitch	mm 4,2	1,4	1,4	1,4
Useful length	mm 130	80	130	210
Corresponding to model	AEG 318-131-Bosch S 828 D-B + D 40127-Metabo 31136	Bosch S522 EF- B + D 40115 - Metabo 31128	AEG 318-129-Bosch S922EF-B + D 40116 - Metabo 31132	Bosch S1122EF-Metabo 31133
Steel	chrome-vanadium	bimetallic	bimetallic	bimetallic
Pack	14,90	12,60	14,50	20,40
Art.	1710G 26	1710G 28	1710G 30	1710G 34
Application	For tinplates until mm 1 of iron, metals,subtile trimmed, pipes of small thickness	For tinplates until 1 - 1,5 of iron, metals,subtile trimmed, pipes of small thickness	For tinplates until 1 - 1,5 of iron, metals,subtile trimmed, pipes of small thickness	For materials with thickness from mm 2 to 8 of iron, metals,soft metals, alumi-
Toothing execution	milled, straight-set	milled, straight-set	milled, straight-set	milled, straight-set
Teeth pitch	mm 0,8	1	1	1,8
Useful length	mm 80	80	130	130
Corresponding to model	Bosch S522GF- B + D 40118	Bosch S522AF	AEG 318-128-Bosch S922AF-B + D 40125-Metabo 31129	AEG 318-130-Bosch S922BF-B + D 40113-Metabo 31134
Steel	bimetallic	bimetallic	bimetallic	bimetallic
Pack	12,60	12,60	14,50	14,70
Art.	1710G 36	1710G 38	1710G 40	1710G 42
Application	For materials with thickness from mm 2 to 8 of iron, metals,soft metals, alumi-	For all kind of woods, even with nails, metals, soft metals, tinplates, aluminium, trimmed, pipes	For all kind of woods, even with nails, metals, soft metals, tinplates, aluminium, trimmed, pipes	Universal use, iron, metals, woods (even with nails), plastic.
Toothing execution	milled, straight-set	milled, straight-set	milled, straight-set	milled, straight-set
Teeth pitch	mm 1,8	2,5	2,5	variable 1,8-2,5
Useful length	mm 210	130	280	130
Corresponding to model	Bosch S1122BF-Metabo 31135	Bosch S922HF-Metabo 31131	Bosch S1211H-Metabo 31125	Bosc S922VF
Steel	bimetallic	bimetallic	bimetallic	bimetallic
Pack	20,40	14,50	25,80	14,80



Prod. SCU - Orig. MP.S

Pad saw blades, with DOUBLE TOOTHING also on the back, for a more efficient and deep cut in both directions.

In special 8% Cobalt HSS alloy steel. To cut high hardness materials: sheets, pipes, wood, nails, plastic, fiberglass, etc. Universal drive. 2 pcs, not sold separately.



1710L
new

Type	6A	6C	6D	6E	8C	8E	10E
Overall length	mm 150	150	150	150	200	200	250
Width	mm 19	19	19	19	19	19	19
Thickness	mm 0,9	0,9	0,9	1,1	1,27	1,27	1,57
Teeth per inch	No. 14	10	6	6	10	6	6
1710L	Pack	12,70	12,70	12,70	14,10	17,30	23,90



HSS-Co-8%



BLADES FOR PORTABLE ELECTRIC AND PNEUMATIC SAWS

1711G



Orig. Guhema-Brillant

In special Cobalt EMO5Co5 HSS alloy steel. For cutting high hardness materials and galvanized pipes. Opposite toothing to facilitate cutting. With 3 holed shank for portable saws Fein, Spitznas, Premag, etc.

Type		12A	12B*	12C	12E*	12F*	16A*	16B	16C*	
Overall length	mm	300	300	300	300	300	400	400	400	
Width	mm	25	25	25	28	28	25	25	25	
Thickness	mm	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	
Teeth per inch	No.	14	16	8	14	16	8	14	16	
	1711G	Each	17,80	9,64	17,80	10,80	10,80	15,40	21,20	15,40
Type		20A*	20B	21A*	21B*	21C*	21E*	24A	24B	
Overall length	mm	500	500	530	530	530	530	600	600	
Width	mm	28	28	28	28	28	28	28	28	
Thickness	mm	1,5	1,5	1,5	1,5	2	2	2	2	
Teeth per inch	No.	8	14	8	14	8	14	8	14	
	1711G	Each	19,30	26,50	20,40	20,40	27,80	27,80	40,10	40,10

* Sizes running out of stock

PORTABLE ELECTRIC SAWS

1712GA



Prod. SCU - SKIL

Pad type.

Sturdy, handy and easy to use. Motor manufactured according to European safety standards, V 220/240 monophase. 6-position speed adjustment. With front alternative movement and blade rapid release system. Complete with 3 blades.

Wood/aluminium/steel cutting	mm	180/30/20
Absorbed power	W	1050
No-load speed	str./min	800-2700
Stroke length	mm	28
Weight	Kg	3,7

1712GA Each **244,00**

For spare pad saw blades see Art. 1710 G.

1712GC



Prod. SCU - SKIL

Excellent value for money. Includes device for adjusting the depth and the cutting angle. Saw plane notch provided to help with following the cutting line. Lifting lever to provide interior protection for the plunge cut blade guards. Safety switch. Double safety insulation and shield protection for radio/TV, which complies with European standards
Single engine phase 220-240 Volt.

Supplied with circular blade Ø 130mm with HARD METAL facings, adjustable parallel guide, cutting line guide with patented viewer and adapter for vacuum cleaner.

Cutting capacity 90°/45°	mm	40/26
Circ. blade bore Ø	mm	16
Absorbed power	W	700
No-load speed	rev/min	4300
Weight	Kg	2,3

1712GC Each **147,00**

For spare blades see Art. 4840 Gx130 A-B.

1712GE



Professional type. With device to adjust cutting depth and angle. Saw blade surface with notch to follow the cutting line. Lower blade safety device lifts up for cut-outs. Safety switch. Double safety insulation and radio/TV interference shielding, in compliance with European standards.
220-240 Volt single phase motor.

Supplied with circular blade Ø 184mm with HARD METAL facings, adjustable parallel guide, cutting line guide with patented viewer and adapter for vacuum cleaner.

Cutting capacity 90°/45°	mm	65/42
Circ. blade bore Ø	mm	16
Absorbed power	W	1250
No-load speed	rev/min	5000
Weight	Kg	3,7

1712GE Each **215,00**

For spare blades see Art. 4840 Gx184 A-B.



CUT-OFF MACHINES

Prod. SCU

Workbench type. To be used with sanding disks for cutting profiles, pipes and steel bars. Powerful, sturdy, handy, easy to use. Motor manufactured according to European safety regulations, V 220-240/50 Hz. monophase. Screw-formed clamping vice with quick opening and fastening facility. Safety switch, disk protection cap. For disks Ø 355x3mm and hole Ø 25.4mm. Linear speed 80m/s.

Cutting capacity for round section: 115mm (at 90°), 100mm (at 45°).
 Cutting capacity for square section: 115mm (at 90°), 102mm (at 45°).
 Cutting capacity for rectangular section: 75x200mm (at 90°), 85x100mm (at 45°).
 Cutting capacity for profiles 139mm (at 90°), 100mm (at 45°).

Motor power	W	2300
Speed	rev/min	3500
Weight	Kg	16,7
1712GL	Each	423,00

For spare sanding disks see Art. 7145 G 355mm.

SCU **1712GL**



ELECTRIC DISK SAWS

Prod. SCU

Workbench type to be used with disk saws. Suitable for dry cutting of 90°/45° pipes, steel profiles, stainless steel, non-ferrous metals, aluminium, plastic materials and composites. Motor built according to European safety standards, V 230/50 Hz mono-phase. Particularly powerful and steady. Sturdy screw clamping with release device for rapid opening/closure. Safety switch, blade protection cap and a compartment to collect shavings.

Equipped with circular blade Ø 355mm with 90 hard-metal teeth, hole Ø 25.4mm.
 Cutting capacity for round section: 140mm (at 90°), mm 125 in INOX (at 90°), mm 110 (at 45°).
 Cutting capacity for square section: 125mm (at 90°), 85mm (at 45°).
 Cutting capacity for rectangular section: 200mmx105 (at 90°), 115mmx85 (at 45°).

Motor power	W	2400
Speed	rev/min	1300
Weight	Kg	25
1712GP	Each	1.240,00

Spare blades for saws Art. 1712 GP.

O1712GP	Each	279,00
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SCU **1712GP**



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Support for saw 1712 GP with demountable legs. For comfortable, eye-level work. Particularly steady and sturdy, equipped with graduated spacer for series cutting .

Weight	Kg	15
1712GPA	Each	342,00

SCU **1712GPA**



esempio

Special device for fixing U profiles with inside width 15 to 130mm. Mounted on the vice of the saw Art. 1712 GP, it allows fast and safe profile fixing.

1712GPB	Each	103,00
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SCU **1712GPB**





ELECTRIC BAND SAW MACHINES

1712R SCU



Prod. SCU

Multi-purpose portable belt saw, dry operated or with spray lubricants. For 90°/45° cutouts, profiles and pipes. Induction V 220-240/50-60 Hz monophasic motor, silent, without power drops under stress, with double safety isolation, radio/TV interference shielding device. Practical stretching system of the automatic belt, blade speed adjustment. Precision clamp with steel inserts and steady aluminium base. Safety switch with recovery system. Equipped with 1 bimetal blade M 42 1335x13x0.65mm. 8/12 teeth. Dimensions when closed mm 730x390x470h.

Motor power	W	1010
Speed	m/min	30 a 80
Cutting capacity 90°/45°	mm	100/70
Weight	Kg	21

1712R	Each	795,00
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Available on request: electric band saws, cutting capacity Ø 125/85mm (at 90°/45°). Blade length 1440mm, weight 21 kg, particularly suitable for plumbers and installators.

Ring 1335x13x0.65mm. For Art. 1712 R.

Teeth	No.	8/12 (variables)
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O1712R	Each	30,30
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ELECTRIC MIXERS

1712T SCU



Prod. SCU - SKIL

Powerful and handy mixer for all types of materials such as mortars, paints, adhesives, varnishes etc. Switch with continuous speed control for precise start-up and mixing at speeds suitable for different types of material. Double handle for a comfortable and safe control.

Double safety insulation and radio/TV interference shielding according to European regulations. 220/240 volt single-phase motor.

Equipped with a universal mixing tool Ø 120 mm Art. O1712 T 1.

Absorbed power	W	1200
No-load speed	rev/min	0-800
Drive for whips	M.	14
Mx mixing capacity	Kg	35
Maximum torque	Nm	50
Weight	Kg	3

1712T	Each	244,00
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Spare mixing tool for Art. 1712 T, for universal use up to 15 kg of dense materials.

Ø	mm	120
Length	mm	590
Drive	M.	14

O1712 T 1	Each	64,30
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Additional mixing tool for Art. 1712 T, for universal use up to 30 kg of dense materials.

Ø	mm	140
Length	mm	590
Drive	M.	14

O1712 T 2	Each	76,10
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AIR IMPACT WRENCHES

1712ZG PNEUTEC
DRUCKLUFTWERKZEUGE

3/8"



Prod. Pneutec - Art. UT 8020 B

Straight type.

High torque/air consumption performance. Supplied with power regulator. Right - left directional changes, usable WITH ONE HAND. Very handy type due to light alloy casing and reduced dimensions. Protective front rubber cap.

Drive for bushes	inch	3/8
Torque screw/unscrew max	Nm	95/135
For bolts up to	M.	10
Air consumption	l/sec	2,9
No-load speed	rev/min	10000
Length	mm	170
Noise level	dB	85
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1,1

1712ZG	Each	189,00
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Operating pressure Atm 6,3



Prod. Pneutec - Art. UT 8022

Pistol model.

For high-performance regarding torque/air consumption ratio.

With 3 adjustable screw strengths. Switch for left and right rotation, usable WITH ONE HAND.

High comfort due to the handle coated in dual-component material and to its low weight.

Exhaust air from the handle downwards.

Drive for bushes	inch	3/8
Torque screw/unscrew max	Nm	160/240
For bolts up to	M.	16
Air consumption	l/sec	1,1
No-load speed	rev/min	8000
Length	mm	160
Noise level	dB	85,5
Vibrations	m/s ²	3
Air drive	inch	1/4
Weight	Kg	1,1

1713GA Each **189,00**

Operating pressure Atm 6,3.

PNEUTEC
DRUCKLUFTWERKZEUGE

1713GA



3/8"



Prod. Pneutec - Art. UT 8182

Pistol model.

Powerful and VERY COMPACT, professional with big swing.

With 3 settings for screwing power and a switch for right and left rotation, usable WITH ONE HAND ONLY. High manoeuvrability, thanks to the body in composite material and its light weight.

Air can be extracted from the handle, downward motion.

Drive for bushes	inch	1/2
Torque screw/unscrew max	Nm	420/850
For bolts up to	M.	14
Air consumption	l/sec	2
No-load speed	rev/min	9000
Length	mm	110
Noise level	dB	93
Vibrations	m/s ²	<2,5
Air drive	inch	1/4
Weight	Kg	1,2

1714GB Each **379,00**

Operating pressure Atm 6,3.

PNEUTEC
DRUCKLUFTWERKZEUGE

1714GB



1/2"



Prod. Pneutec - Art. 95676

Set of 4 hexagonal sockets 13-17-19-22 mm, small size, to be used with nut driver Art. 1714 GB for screwing bolts in particularly confined spaces, with thin walls.

1/2 " connection, length 28 mm.

In plastic case.

1714GBE Series **51,40**

PNEUTEC
DRUCKLUFTWERKZEUGE

1714GBE



1/2"

Prod. Pneutec - Art. UT 8122

Pistol model.

For high-performance regarding torque/air consumption ratio.

With 3 adjustable screw strengths. Switch for left and right rotation, usable WITH ONE HAND.

High comfort due to the handle coated in dual-component material and to its low weight.

Exhaust air from the handle downwards.

Drive for bushes	inch	1/2
Torque screw/unscrew max	Nm	300/600
For bolts up to	M.	22
Air consumption	l/sec	3,7
No-load speed	rev/min	6500
Length	mm	194
Noise level	dB	88
Vibrations	m/s ²	<2,5
Air drive	inch	1/4
Weight	Kg	2,2

1714GCA Each **189,00**

Operating pressure Atm 6,3.

PNEUTEC
DRUCKLUFTWERKZEUGE

1714GCA



1/2"



**1714GE** DRUCKLUFTWERKZEUGE

1/2" CE

Prod. Pneutec - Art. UT 8145 RE

Pistol-grip type, professional model.

High performance model provided with percussion-rotation mechanism (ratio 1-1). Supplied with three regulations to control screwing power. Right - left directional changes with dead point to avoid accidental rotation, usable WITH ONE HAND. Mechanical parts easily accessible. Handy light alloy casing. Air exhaust through the handle, downwards. Insulated handle. Protective front rubber cap.

Drive for bushes	inch	1/2
Torque screw/unscrew max	Nm	495/600
For bolts up to	M.	22
Air consumption	l/sec	6,9
No-load speed	rev/min	7500
Length	mm	190
Noise level	dB	90,3
Vibrations	m/s ²	2,6
Air drive	inch	1/4
Weight	Kg	2,4

1714GE	Each	235,00
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Operating pressure Atm 6,3.

1714GL DRUCKLUFTWERKZEUGE

1/2" CE

Prod. Pneutec - Art. UT 81452 RE

Product description as Art. 1714GE

Prolonged pin, 50mm, particularly suited to truck coupled wheels.

Drive for bushes	inch	1/2 lungo
Torque screw/unscrew max	Nm	495/600
For bolts up to	M.	22
Air consumption	l/sec	6,9
No-load speed	rev/min	7500
Length	mm	230
Noise level	dB	90,3
Vibrations	m/s ²	2,6
Air drive	inch	1/4
Weight	Kg	2,7

1714GL	Each	300,00
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Operating pressure Atm 6,3.

Product running out of stock.

1714GM DRUCKLUFTWERKZEUGE

1/2" CE

Prod. Pneutec - Art. UT 8137

Pistol model, professional.

High performance with a percussion for each rotation. With three levels of screwing power. Switch for left and right rotation, while a deadlock prevents any accidental rotation, can be used WITH ONE HAND ONLY. Easy accessible mechanical parts. High comfort thanks to the handle covered in dual-component material. Air can be extracted from the handle, downward motion.

Drive for bushes	inch	1/2
Torque screw/unscrew max	Nm	400/600
For bolts up to	M.	24
Air consumption	l/sec	2,9
No-load speed	rev/min	6500
Length	mm	200
Noise level	dB	85
Vibrations	m/s ²	6,7
Air drive	inch	1/4
Weight	Kg	2,1

1714GM	Each	189,00
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Operating pressure Atm 6,3.

1714GPA DRUCKLUFTWERKZEUGE

1/2" CE

Prod. Pneutec - Art. UT 8157

Professional, pistol-grip type, double hammer.

Very high torque, particularly low noise level and long-lasting operation. With three screwing force settings. Switch for right and left rotation, usable WITH ONE HAND. Extremely high comfort thanks to the handle coated with bi-component material. Air exhaust through the handle, downwards.

Drive for bushes	inch	1/2
Torque screw/unscrew max	Nm	700/950
For bolts up to	M.	24
Air consumption	l/sec	2,5
No-load speed	rev/min	6000
Length	mm	192
Noise level	dB	85,0
Vibrations	m/s ²	6,7
Air drive	inch	1/4
Weight	Kg	2

1714GPA	Each	379,00
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Operating pressure Atm 6,3.



Prod. Pneutec - Art. UT 8150

Professional, pistol-grip type, double hammer. Very high torque, very low air consumption and long-lasting operation. With three screwing force settings and rapid acceleration. Switch for right and left rotation. Extremely comfortable and easy to handle, thanks to the very sturdy, light-weight body made from composite material. Air exhaust through the handle, downwards.

Drive for bushes	inch	1/2
Torque screw/unscrew max	Nm	830/950
For bolts up to	M.	24
Air consumption	l/sec	1,9
No-load speed	rev/min	7000
Length	mm	186
Noise level	dB	83,0
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1,8

1714GR	Each	455,00
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Operating pressure Atm 6,3.



1714GR



Prod. Pneutec - Art. UT 8181

Pistol model, extremely powerful and compact, professional with double swing. Maximum torque movement comparable to 3/4" screwdrivers, very low air consumption and high durability. With 3 levels of screwing power and diverter for left and right rotation. Adaptable to right or left handed users. High manoeuvrability, body in composite material. Air can be extracted from the handle, downward motion.

Drive for bushes	inch	1/2
Torque screw/unscrew max	Nm	810/1290
For bolts up to	M.	24
Air consumption	l/sec	1,8
No-load speed	rev/min	8000
Length	mm	171
Noise level	dB	89,0
Vibrations	m/s ²	5,3
Air drive	inch	1/4
Weight	Kg	1,9

1714GRE	Each	474,00
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Operating pressure Atm 6,3.



1714GRE



Prod. Ewo

Pistol model, professional with double swing. Maximum torque movement, very low air consumption and high durability. With 3 levels of screwing power and fast acceleration. Diverter for left and right rotation, usable WITH ONE HAND. High manoeuvrability and comfort, body made of composite material, very sturdy and lightweight. Air can be extracted from the handle, downward motion.

		1714GRL	1714GRM	1714GRP
Drive for bushes	inch	3/8	1/2	1/2
Max working torque	Nm	338/583	338/624	786/1112
For bolts up to	M.	20	20	24
Air consumption	l/sec	1,9	1,9	1,9
No-load speed	rev/min	11000	11000	7000
Length	mm	150	150	190
Noise level	dB	83,0	83,0	83,0
Vibrations	m/s ²	< 2,5	< 2,5	< 2,5
Air drive	inch	1/4	1/4	1/4
Weight	Kg	1,2	1,2	1,9
Supplier code		741.130	741.160	741.180

Each	340,00	346,00	368,00
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Operating pressure Atm 6,3.



1714GRL
1714GRM
1714GRP



SET OF AIR IMPACT WRENCHES

Prod. Pneutec - Art. UT 8145 RES

Professional high performance model for heavy-duty applications. Practical tool kit supplied in

Each set contains:

1 x air impact wrench Art. 1714 GE

5 x 14 - 16 - 17 - 19 - 22mm hexagonal sockets for Art. 1714 GE.

1714GT	Each	314,00
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1714GT





AIR IMPACT WRENCHES

1715GC **PNEUTEC**
DRUCKLUFTWERKZEUGE

3/4" CE

Prod. Pneutec - Art. UT 8322

Professional, pistol-grip type, particularly compact, double hammer. Extremely high performance, with 3 screwing force settings. Switch for right and left rotation. High comfort due to the handle covered in rubber material. Exhaust air from the handle down.

Drive for bushes	inch	3/4
Torque screw/unscrew max	Nm	900/1350
For bolts up to	M.	36
Air consumption	l/sec	4,5
No-load speed	rev/min	4600
Length	mm	245
Noise level	dB	89
Vibrations	m/s ²	< 2,5
Air drive	inch	3/8
Weight	Kg	4,8

1715GC Each 531,00

Operating pressure Atm 6,3.

1715GE **PNEUTEC**
DRUCKLUFTWERKZEUGE

3/4" CE

Prod. Pneutec - Art. UT 83176

Pistol model, professional, and very compact. Allows high-performance with impact tools used during any rotation. 3 adjustable screw strengths. Switch between left and right movements, while a deadlock prevents any accidental rotation. Easy accessible mechanical parts. Handy light alloy bodywork. Air can be extracted from the handle, insulated, downward motion. Front rubber cap for protection.

Extended pin 150mm, particularly suitable for paired truck wheels.

Drive for bushes	inch	3/4 long
Torque screw/unscrew max	Nm	1050/1350
For bolts up to	M.	38
Air consumption	l/sec	9
No-load speed	rev/min	5500
Length	mm	330
Noise level	dB	89
Vibrations	m/s ²	< 2,5
Air drive	inch	3/8
Weight	Kg	5,6

1715GE Each 940,00

Operating pressure Atm 6,3.
Product running out of stock.

1715GP **PNEUTEC**
DRUCKLUFTWERKZEUGEIMPUGNATURA
SUPPLEMENTARE

1" CE

Prod. Pneutec - Art. UT 8422

Professional, pistol-grip type, double hammer. Particularly light and easy to handle for prolonged use in difficult positions. Also recommended for tyre-repair shops and vehicle service and repair workshops. With additional handle. With 3 screwing force settings. Switch for right and left rotation with dead point to avoid accidental rotation. Easy access to mechanical components. Easy to handle light-weight alloy body. Air exhaust through the handle, downwards.

Drive for bushes	inch	1
Torque screw/unscrew max	Nm	1200/2500
For bolts up to	M.	46
Air consumption	l/sec	8
No-load speed	rev/min	4200
Length	mm	235
Noise level	dB	94,3
Vibrations	m/s ²	4,5
Air drive	inch	3/8
Weight	Kg	7

1715GP Each 854,00

Operating pressure 6,3 Atm. On request available with prolonged pin.


Prod. Pneutec - Art. UT 8487 RE

Pistol model.

For high-performance during heavy work.

Comes with additional handle.

With 3 adjustable screw strengths. Switch between left and right movements, while a deadlock prevents any accidental rotation. Easy accessible mechanical parts. Handy light alloy bodywork.

Drive for bushes	inch	1
Torque screw/unscrew max	Nm	1900/2700
For bolts up to	M.	48
Air consumption	l/sec	11
No-load speed	rev/min	3900
Length	mm	275
Noise level	dB	96,2
Vibrations	m/s ²	6,3
Air drive	inch	1/2
Weight	Kg	11,4

1715GSA	Each	1.150,00
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Operating pressure Atm 6,3.
1715GSA

 IMPUGNATURA
SUPPLEMENTARE

Prod. Pneutec - Art. UT 8411 B

Straight type.

High performance for heavy-duty operations.

Closed handle. With additional handle.

Screwing force adjusted by means of a knurled wheel. Switch for right and left rotation with dead point to avoid accidental rotation. Easy access to mechanical components.

Easy to handle light-weight alloy body.

Drive for bushes	inch	1
Torque screw/unscrew max	Nm	2025/2500
For bolts up to	M.	45
Air consumption	l/sec	10,8
No-load speed	rev/min	3600
Length	mm	380
Noise level	dB	92,8
Vibrations	m/s ²	4,4
Air drive	inch	1/2
Weight	Kg	11

1715GT	Each	1.480,00
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Operating pressure Atm 6,3.
Product running out of stock.
1715GT

 IMPUGNATURA
SUPPLEMENTARE

7
AIR RATCHES
Prod. Pneutec - Art. UT 8001 A

High performance professional type for continuous screwing operation

With lever change for R+L operation.

Practical and insulated aluminium housing sheathed in rubber.

Very light and handy.

Drive for bushes	inch	1/4
Max torque	Nm	40
For bolts up to	M.	6
Air consumption	l/sec	2,4
No-load speed	rev/min	250
Length	mm	203
Noise level	dB	85
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,6

1716GA	Each	189,00
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Operating pressure Atm 6,3.
1716GA


**1716GA 2** **Prod. Pneutec - Art. UT 8000 AG**

Product description as Art. 1716GA
 Low noise level. With speed variator.
 Air outlet on the rear side.
 360° rotating air hose connection.

Drive for bushes	inch	1/4
Max torque	Nm	40
For bolts up to	M.	6
Air consumption	l/sec	1,9
No-load speed	rev/min	270
Length	mm	196
Noise level	dB	85
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,5

1716GA 2	Each	238,00
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Operating pressure Atm 6,3.

1716GA 3 **Prod. Pneutec - Art. UT 8001 B**

Product description as Art. 1716GA

Drive for bushes	inch	3/8
Max torque	Nm	40
For bolts up to	M.	6
Air consumption	l/sec	2,4
No-load speed	rev/min	250
Length	mm	203
Noise level	dB	85
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,6

1716GA 3	Each	189,00
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Operating pressure Atm 6,3.

1716GA 8 **Prod. Pneutec - Art. UT 8000 BG**

Product description as Art. 1716GA
 Low noise level. With speed variator.
 Air outlet on the rear side.
 360° rotating air hose connection.

Drive for bushes	inch	3/8
Max torque	Nm	40
For bolts up to	M.	6
Air consumption	l/sec	1,9
No-load speed	rev/min	270
Length	mm	196
Noise level	dB	85
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,5

1716GA 8	Each	238,00
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Operating pressure Atm 6,3.

1716GBA **Prod. Pneutec - Art. UT 5015 D**

Professional type.

High performance model for continuous screwing operation. With lever change for clockwise and counter-clockwise operation. Aluminium housing sheathed in rubber.

With air outlet orientable through a rotating ferrule situated in the middle of the handle.

Drive for bushes	inch	1/2
Max torque	Nm	80
For bolts up to	M.	6
Air consumption	l/sec	1,9
No-load speed	rev/min	180
Length	mm	285
Noise level	dB	85
Vibrations	m/s ²	<2,5
Air drive	inch	1/4
Weight	Kg	1,2

1716GBA	Each	208,00
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Operating pressure Atm 6,3.



Prod. Pneutec - Art. UT 8015 G

Professional type.

High performance model for continuous screwing operation. With lever change for clockwise and counter-clockwise operation. Aluminium housing sheathed in rubber. Air outlet adjustable through rotating ferrule at the back of the handle.

Drive for bushes	inch	1/2
Max torque	Nm	70
For bolts up to	M.	8
Air consumption	l/sec	1,9
No-load speed	rev/min	150
Length	mm	256
Noise level	dB	85
Vibrations	m/s ²	2,6
Air drive	inch	1/4
Weight	Kg	1,2
1716GC	Each	295,00

Operating pressure Atm 6,3.



1716GC



Prod. Pneutec - Art. UT 8016

Professional type.

High performance model with a high ratio between dimension, weight and torque value. For continuous screwing operation. With lever change for clockwise and counter-clockwise operation. Aluminium housing sheathed in rubber. Swivel head up to 45°.

Drive for bushes	inch	1/2
Max torque	Nm	80
For bolts up to	M.	10
Air consumption	l/sec	4,7
No-load speed	rev/min	200
Length	mm	270
Noise level	dB	90,7
Vibrations	m/s ²	8,7
Air drive	inch	1/4
Weight	Kg	1,2
1716GDA	Each	284,00

Operating pressure Atm 6,3.



1716GDA



Prod. Pneutec - Art. UT 8018

Professional type.

Very high performance model for continuous screwing operation. With lever change for R+L one-hand operation. Aluminium housing.

Drive for bushes	inch	1/2
Max torque	Nm	130
For bolts up to	M.	16
Air consumption	l/sec	6
No-load speed	rev/min	170
Length	mm	370
Noise level	dB	94,7
Vibrations	m/s ²	8,8
Air drive	inch	1/4
Weight	Kg	1,6
1716GE	Each	455,00

Operating pressure Atm 6,3.



1716GE



AIR DRILLS

Prod. Pneutec - Art. UT 8831

Pistol grip handle.

In composite material and bi-component handle. Air discharge in the handle bottom end.

Standard type with R+L rotation for light-duty works, three-jaw chuck shank 3/8"x 24 threads (Art. 1495 G 10).

Chuck opening and bores	mm	10
Air consumption	l/sec	2,6
No-load speed	rev/min	2200
Length	mm	160
Noise level	dB	84
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1
1717GE	Each	219,00

Operating pressure Atm 6,3.

A drill with the same performance levels but with a quick opening spindle.



1717GE



**1717GL** **DRUCKLUFTWERKZEUGE****Prod. Pneutec - Art. UT 8844 RE/1**

Pistol grip handle.

Light alloy manufacture, particularly handy. Air discharge in the handle bottom end, rubber-coated.

Type with RIGHT/LEFT rotation, quick closing chuck, shank 3/8"x 24 threads (Art. 1513 G 10).

Chuck opening and bores	mm	10
Air consumption	l/sec	1,9
No-load speed	rev/min	1800
Length	mm	160
Noise level	dB	86
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,9

1717GL Each **246,00**

Operating pressure Atm 6,3.

1718GB **DRUCKLUFTWERKZEUGE****Prod. Pneutec - Art. UT 8855 RE/1**

Product description as Art. 1717GL

Professional type with RIGHT/LEFT rotation, high-performance for heavy-duty works, quick closing chuck, shank 1/2"x 20 threads (Art. 1513 G 13A). With additional handle.

Chuck opening and bores	mm	13
Air consumption	l/sec	1,9
No-load speed	rev/min	700
Length	mm	184
Noise level	dB	86
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1,2

1718GB Each **295,00**

Operating pressure Atm 6,3.

1718GC **DRUCKLUFTWERKZEUGE****Prod. Pneutec - Art. UT 8807/C1**

Angular type.

Particularly suitable for 90° angle drilling. Light alloy manufacture, air discharge in the handle end. Right/left rotation.

Three-jaw chuck, shank 3/8"x 24 threads (Art. 1512GE 10).

Chuck opening and bores	mm	10
Air consumption	l/sec	1,6
No-load speed	rev/min	1800
Overall height with chuck	mm	95
Noise level	dB	79
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,9

1718GC Each **276,00**

Operating pressure Atm 6,3.

AIR SHEARING MACHINES**1718GD** **DRUCKLUFTWERKZEUGE****Prod. Pneutec - Art. UT 8901/1**

For removing the material by using punches. For perfect cutting of flat and corrugated steel plate and very narrow bending radius. High feed speed.

HSS punching knife, for oblique and side cutting.

For cutting steel fine	mm	1,2
To cut aluminum, copper, brass up to	mm	1,6
Air consumption	l/sec	1,5
Length	mm	235
Minimum bending radius	mm	7
Noise level	dB	85
Vibrations	m/s ²	5,3
Air drive	inch	1/4
Weight	Kg	1

1718GD Each **238,00**

Operating pressure Atm 6,3.



AIR SAWING MACHINES

Prod. Pneutec - Art. UT 8923 VL

For steel plate, aluminium, plastic, wood, rubber, etc. Particularly suitable for cutting and profiling vehicle frames, without deformation. Safety start lever.
Complete with 2 blades.

To cut steel up to	mm	3
To cut aluminum, copper, brass up to	mm	4
Minimum bending radius	mm	16
No. of excursions/min		9500
Blade excursions	mm	10
Air consumption	l/sec	1,6
Noise level	dB	88
Vibrations	m/s ²	3
Air drive	inch	1/4
Weight	Kg	0,4

1718GP	Each	322,00
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Operating pressure Atm 6,3.

Spare blades for curved cutting of sheet metal and plastic up to thickness=1mm.
For Art. 1718 GP.

O1718GR	Each	5,04
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Spare blades for cutting of iron and aluminium thickness=5mm. For Art. 1718 GP.

O1718GS	Each	5,04
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Spare blades for cutting of wood up to thickness=40mm. For Art. 1718 GP.

O1718GT	Each	5,04
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1718GP



AIR CUT-OFF MACHINES

Prod. Pneutec - Art. UT 5760 B

Grinder model, to cut iron, metal and alloy steel. Continuous adjustment of the speed of rotation. High manoeuvrability and comfort, body made of composite material, very sturdy. Air outlet on the back. 6 bar power: kW 0,3.

Transparent start lever for the safety and protection of the grinder. Comes with 1 cutting disc.

For cutting wheels	mm	75x1x10
Air consumption	l/sec	3
No-load speed	rev/min	20000
Length	mm	175
Noise level	dB	84
Vibrations	m/s ²	<2,5
Air drive	inch	1/4
Weight	Kg	0,7

1718GR	Each	160,00
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Operating pressure Atm 6,3.

Spare cutting discs Ø 75mm, 2 mm thick, 10 mm hole.

For Art. 1718 GR.

O1718GRA	Each	5,32
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1718GR



7

AIR ROTARY DIE GRINDERS

Prod. Pneutec - Art. UT 8742 R

Stylus type.

Particularly suitable for use with tyre tools.

Aluminium body, thermally insulated for heavy-duty works. Big and spaced unloading device. Collet chuck. 6 bar power: KW 0.4. Starter with safety lever.

For tools with shaft Ø	mm	6
Air consumption	l/sec	1,9
No-load speed	rev/min	4000
Length	mm	190
Noise level	dB	89
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1

1718GT	Each	314,00
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Operating pressure Atm 6,3



1718GT



**1718GZ** **PNEUTEC**
DRUCKLUFTWERKZEUGE**Prod. Pneutec - Art. UT 5710**

Stylus model, low air consumption.

High frequency rotation with little fall in the number of revolutions, even under pressure. High manoeuvrability and comfort, body made from extremely sturdy composite material.

Air outlet on the back.

Collet chuck. Power at 6 bar: KW 0.3. Starter with safety lever.

For tools with shaft Ø	mm	6
Air consumption	l/sec	2
No-load speed	rev/min	20000
Length	mm	170
Noise level	dB	86
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,6

1718GZ Each **151,00****Operating pressure Atm 6,3.****For spare pliers see Art. O1719 G.****1719G** **PNEUTEC**
DRUCKLUFTWERKZEUGE**Prod. Pneutec - Art. UT 5720**

Stylus type.

High-frequency rotation with limited rpm reduction, even under strong pressure. Particularly handy for use of light alloys.

Air discharge in the rear part.

Collet chuck. 6 bar power: KW 0.2. Starter with safety lever.

For tools with shaft Ø	mm	6
Air consumption	l/sec	8,5
No-load speed	rev/min	22000
Length	mm	176
Noise level	dB	86,8
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,6

1719G Each **151,00****Operating pressure Atm 6,3.**

Spare collets Ø 6mm, for Art. 1718 GZ and 1719 G.

O1719G Each **37,10****1719G 2** **PNEUTEC**
DRUCKLUFTWERKZEUGE**Prod. Pneutec - Art. UT 8721**

Stylus type.

Big and spaced unloading device, SILENCED, for lowering acoustic pressure to dB 77. Aluminium body, synthetic material coated. Air exhaust on the back.

High-frequency rotation with limited rpm reduction, even under strong pressure. Collet chuck. 6 bar power: KW 0.4. Starter with safety lever.

For tools with shaft Ø	mm	6
Air consumption	l/sec	4
No-load speed	rev/min	22000
Length	mm	175
Noise level	dB	77
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,6

1719G 2 Each **219,00****Operating pressure Atm 6,3.**

Spare collets Ø 6mm, for Art. 1719 G/2.

O1719G 2 Each **33,30**


Prod. Pneutec - Art. UT8710 D

Professional stylus type. For tools with shank mm 6 and with extra pliers supplied separately Art. O1719 GC 2 for tools with shank mm 3.

High-frequency rotation with limited rpm reduction, even under strong pressure. Particularly handy for use of light alloys. Air exhaust on the back. Collet chuck. 6 bar power: KW 0.2. Starter with safety lever.

For tools with shaft Ø	mm	6/3
Air consumption	l/sec	1,9
No-load speed	rev/min	25000
Length	mm	165
Noise level	dB	79
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,5

1719GC	Each	200,00
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Operating pressure Atm 6,3.

Spare collets Ø 6mm, for Art. 1719 GC.

O1719GC 1	Each	37,10
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Additional collets Ø 3mm, for Art. 1719 GC.

O1719GC 2	Each	33,30
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1719GC

Prod. Pneutec - Art. UT8726 HP

Stylus type, industrial use. Extremely powerful and sturdy motor (0.7 kW).

High-frequency rotation with limited rpm reduction, even under strong pressure.

Particularly handy and comfortable; aluminum body covered with extremely sturdy composite material. Air exhaust on the back. Collet chuck.

Use with tools shank Ø mm 6 and 8 (the latter with chunk Art. O1719GD 2, not supplied).

6 bar power: 0.7 kW. Starter with safety lever.

For tools with shaft Ø	mm	6 / 8
Air consumption	l/sec	2,5
No-load speed	rev/min	22000
Length	mm	200
Noise level	dB	87
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,8

1719GD	Each	314,00
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Operating pressure Atm 6.3.

Spare collets Ø 6mm, for Art. 1719 GD.

O1719GD 1	Each	56,10
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Spare collets Ø 8mm, for Art. 1719 GD. NOT supplied with the grinder; necessary to use the machine with shank Ø 8 mm tools.

O1719GD 2	Each	56,10
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1719GD
new

7
Prod. Pneutec - Art. UT8735 C

Stylus type, LONG, to work in difficult to access positions. Aluminum body coated with synthetic material. Air exhaust at the rear.

Collet chuck. 6 bar power: KW 0.3. Starter with safety lever.

For tools with shaft Ø	mm	6
Air consumption	l/sec	8
No-load speed	rev/min	19000
Length	mm	300
Noise level	dB	90,2
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,9

1719GE	Each	265,00
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Operating pressure Atm 6.3.

Spare collets Ø 6mm, for Art. 1719 GE.

O1719GE	Each	33,30
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1719GE
new


**1719GF** **Prod. Pneutec - Art. UT 8712 A**

Stylus type.

Small, for industrial use. Big and spaced unloading device.

Very high-frequency rotation with limited rpm reduction, even under strong pressure. Particularly handy. Collet chuck. Power at 6 bar: kW 0.2.

For tools with shaft Ø	mm	3
Air consumption	l/sec	0,6
No-load speed	rev/min	54000
Length	mm	150
Noise level	dB	72
Vibrations	m/s ²	< 2,5
Weight	Kg	0,2

1719GF Each **303,00****Operating pressure Atm 6,3**

Spare collets Ø 3mm, for Art. 1719 GF.

O1719GF Each **24,10****AIR ROTARY DIE GRINDERS****1719GP** **Prod. Pneutec - Art. UT 5715**

Angular type.

Low air consumption.

High manoeuvrability and comfort, body made from extremely sturdy composite material. Air outlet on the side/back which can be rotated 360°.

Collet chuck. 6 bar power: KW 0.3. Starter with safety lever.

For tools with shaft Ø	mm	6
Air consumption	l/sec	2,3
No-load speed	rev/min	20000
Length	mm	165
Noise level	dB	86
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,5

1719GP Each **189,00****Operating pressure Atm 6,3.****For spare pliers see Art. O1719 GS.****1719GS** **Prod. Pneutec - Art. UT 8723**

Angular type.

Big and spaced unloading device, SILENCED, for lowering the acoustic pressure to dB 77. Aluminium body, synthetic material coated. Collet chuck. 6 bar power: 0.4 kW. Starter with safety lever.

For tools with shaft Ø	mm	6
Air consumption	l/sec	4
No-load speed	rev/min	20000
Length	mm	165
Noise level	dB	77
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,6

1719GS Each **238,00****Operating pressure Atm 6,3.**

Spare collets Ø 6mm. For Art. 1719 GP and 1719 GS.

O1719GS Each **33,30****1719GSE**

new

**Prod. Pneutec - Art. UT 8716 HP**

Angular type. Extremely powerful and resistant motor (0.7 kW).

Low air consumption.

Particularly handy and comfortable; aluminum body covered with extremely sturdy composite material. Air exhaust on the back. Collet chuck. 6 bar power: 0.7 kW. Starter with safety lever.

For tools with shaft Ø	mm	6
Air consumption	l/sec	2,5
No-load speed	rev/min	12000
Length	mm	222
Noise level	dB	89
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1,1

1719GSE Each **352,00****Operating pressure Atm 6,3.**

Spare collets Ø 6mm, for Art. 1719 GSE.

O1719GSE Each **56,10**



Prod. Pneutec - Art. UT 8713

Angular type.

Restricted size, industrial type, ideal when working in confined spaces. Extremely high frequency rotation with low revolution loss, even when the tool is under considerable pressure. Particularly easy to handle. Collet chuck.

Head width 20mm, head height 44mm, Ø body 19mm.

For tools with shaft Ø	mm	3
Air consumption	l/sec	0,4
No-load speed	rev/min	70000
Length	mm	150
Noise level	dB	77
Vibrations	m/s ²	< 2,5
Weight	Kg	0,2

1719GT	Each	276,00
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Operating pressure Atm 6,3.



1719GT



Prod. Pneutec - Art. UT 8750 M

Angular type.

With horizontal disk and protection. For cutting and grinding metals. Light alloy body with double handle for perfect balancing. Silenced side air discharge. 6 bar power: KW 0.4.

M14 threaded pin with flange for holes Ø 22mm. Starter lever with safe.

For wheels Ø/bore	mm	115-125/22
Air consumption	l/sec	10,8
No-load speed	rev/min	12000
Noise level	dB	82,9
Vibrations	m/s ²	5,1
Air drive	inch	1/4
Weight	Kg	2

1720GA	Each	474,00
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For spare grinding wheels and sanding disks hole 22mm, see SONNENFLEX program. For steel brushes, M14 hole see from art. 1819 S to 1822 L. Operating pressure Atm 6,3.



1720GA



Prod. Pneutec - Art. UT 8754 A

Angular type.

With horizontal disk and protection. For cutting and grinding metals. Light alloy body with double handle for perfect balancing. Silenced side air discharge. Switch with safety lever. 6 bar power: 1.3 kW.

5/8 threaded pin with flange for holes Ø 22mm. Starter lever with safe.

For wheels Ø/bore	mm	178/22
Air consumption	l/sec	19
No-load speed	rev/min	7000
Noise level	dB	90
Vibrations	m/s ²	6,2
Air drive	inch	1/4
Weight	Kg	3

1720GB	Each	645,00
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For spare grinding wheels and sanding disks hole 22mm, see SONNENFLEX program. Operating pressure Atm 6,3.



1720GB



ANGULAR AIR POLISHERS

Prod. Pneutec - Art. UT 5752 M

For dry cleaning and polishing metals, wood, plastic, etc. With synthetic pad Ø 178mm and M14 threaded shank. Light alloy body and double handle for perfect balancing. Silenced side air discharge. Starter with safety lever.

For hoods Ø	mm	178
Air consumption	l/sec	9
No-load speed	rev/min	2400
Noise level	dB	94,5
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	2,3

1724G	Each	271,00
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**Operating pressure Atm 6,3.
Product running out of stock.**

Synthetic leather caps Ø 178mm, for Art. 1724 G.

O1724GA	Each	40,50
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Product running out of stock.



1724G





AIR BELT SANDERS

1725G **PNEUTEC**
DRUCKLUFTWERKZEUGE

Prod. Pneutec - Art. UT 8765 A

For dry smoothing metals, wood, plastic, etc. in difficult to access areas.

Belt dimensions	mm	520x20
Air consumption	l/sec	4
No-load speed	rev/min	11000
Belt speed	m/min	1895
Noise level	dB	87,2
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,8

1725G Each 531,00

Operating pressure Atm 6,3.

Sanding belts Size 60, for Art. 1725 G.

O1725GA Each 4,54

Spare sanding belts Size 80, for Art. 1725 G.

O1725GB Each 4,54

Spare sanding belts Size 100, for Art. 1725 G.

O1725GC Each 4,54

ASSORTMENT OF AIR CHIPPING HAMMERS

1727G **PNEUTEC**
DRUCKLUFTWERKZEUGE

Prod. Pneutec - Art. UT 8613 S

For light-duty works.

With continuous adjustment of stroke frequency according to the thickness of the different materials, Maximum reliability for its few moving parts.

Hammer with 3 chisels Art. 2948 G/A-B-C. In case.

Hexagon drive for tools	mm	10
Air consumption	l/sec	2,5
Strikes/min		3300
Length	mm	203
Noise level	dB	96,3
Vibrations	m/s ²	13,8
Air drive	inch	1/4
Weight	Kg	3,5

1727G Each 219,00

For chisels see from Art. 2948 GA to M. Operating pressure Atm 6,3

AIR CHIPPING HAMMERS

1727GM **PNEUTEC**
DRUCKLUFTWERKZEUGE

Prod. Pneutec - Art. UT 8613 B

Product description as Art. 1727G

Percussion hammer only, with hexagonal shank.

Hexagon drive for tools	mm	10
Air consumption	l/sec	2,5
Strikes/min		3300
Length	mm	203
Noise level	dB	96,3
Vibrations	m/s ²	13,8
Air drive	inch	1/4
Weight	Kg	1,6

1727GM Each 162,00

For chisels see from Art. 2948 GA to M. Operating pressure Atm 6,3.

1727GP **PNEUTEC**
DRUCKLUFTWERKZEUGE

Prod. Pneutec - Art. UT 13 FHM

For heavy-duty and non-stop works.

Hexagon drive for tools	mm	10,5
Air consumption	l/sec	4
Strikes/min		4400
Length	mm	200
Noise level	dB	103,6
Vibrations	m/s ²	14,3
Air drive	inch	1/4
Weight	Kg	1,3

1727GP Each 759,00

For chisels see from Art. 2948 GP to Z. Operating pressure Atm 6,3.



AIR CHIPPING NEEDLES HAMMERS

Prod. Pneutec - Art. UT 8610

Stylus type, reinforced.
Suitable for rapid scraping of rusty, painted surfaces, etc.
Chipping hammer with needle set, with terminal with a chisel.

No. of needles		12
Needle Ø	mm	3
Air consumption	l/sec	1,4
Strokes/minute		3800
Length	mm	343
Noise level	dB	97,4
Vibrations	m/s ²	3,7
Air drive	inch	3/8
Weight	Kg	1,6
1728G	Each	455,00

Operating pressure Atm 6,3.

Set of spare needles for Art. 1728 G (12 pcs).
Cylindrical shape with chisel-shaped end.

O1728G	Series	20,30
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Product description as Art. O1728G

Cylindrical shape with pointed end.

O1728G 1	Series	20,30
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1728G



Prod. Pneutec - Art. 2BPG

Pistol type, reinforced.
Suitable for rapid scraping of rusty, painted surfaces, etc.
Chipping hammer with needle set, with terminal with a chisel.

No. of needles		19
Needle Ø	mm	3
Air consumption	l/sec	2,6
Strokes/minute		3000
Length	mm	315
Noise level	dB	100,3
Vibrations	m/s ²	10,2
Air drive	inch	3/8
Weight	Kg	2,6
1728GE	Each	531,00

Operating pressure Atm 6,3.

Set of spare needles for Art. 1728 GE (19 pcs.).
Cylindric shape with chisel fitting.

O1728GE	Series	32,20
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Product description as Art. O1728GE

Cylindrical shape with pointed end.

O1728GE 1	Series	32,20
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1728GE



Prod. Pneutec - Art. 3BPG

Pistol type, reinforced.
Suitable for rapid scraping of rusty, painted surfaces, etc.
Chipping hammer with needle set, with terminal with a chisel.

No. of needles		28
Needle Ø	mm	3
Air consumption	l/sec	3,8
Strokes/minute		2200
Length	mm	345
Noise level	dB	101,5
Vibrations	m/s ²	19,2
Air drive	inch	3/8
Weight	Kg	3,7
1728GL	Each	569,00

Operating pressure Atm 6,3.

Set of spare needles for Art. 1728 GL (28 pcs.).
Cylindric shape with chisel fitting.

O1728GL	Series	47,40
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Product description as Art. O1728GL

Cylindrical shape with pointed end.

O1728GL 1	Series	47,40
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1728GL



Supplied on request, set of cylindrical needles with flat terminals for descalers Art. 1728 G - 1728 GE - 1728 GL.



AIR HAMMERS

1728GT

PNEUTEC
DRUCKLUFTWERKZEUGE**Prod. Pneutec - Art. UT 3 DSHP**

Small hand-held model, sturdy, practical, easy to handle. Suitable for removing rods, shafts, hinges, screws blocked by rust. Particularly used for repairing vehicles, mechanical workshops, carpentry, etc.

HARDENED STEEL hammer, metal body.

Hammer Ø	mm	30
Air consumption	l/sec	4
Strokes/minute		0-1000
Length	mm	95
Noise level	dB	83,4
Vibrations	m/s ²	20
Air drive	inch	1/4
Weight	Kg	0,8

1728GT Each 322,00

Operating pressure Atm 6,3.

1728GV

PNEUTEC
DRUCKLUFTWERKZEUGE**Prod. Pneutec - Art. UT 3 DAHP**

Small hand-held model, sturdy, practical, easy to handle. Suitable for repairing dents in metal sheets. Particularly used for car frames, carpentry, etc. Hammer made of HARD PLASTIC, metal body.

Hammer Ø	mm	30
Air consumption	l/sec	4
Strokes/minute		0-1000
Length	mm	95
Noise level	dB	83,4
Vibrations	m/s ²	20
Air drive	inch	1/4
Weight	Kg	0,8

1728GV Each 284,00

Operating pressure Atm 6,3.

AIR SCREW DRIVERS

1729G 2

PNEUTEC
DRUCKLUFTWERKZEUGE

1/4"

**Prod. Pneutec - Art. UT 8955 A**

Straight type with continuous adjustment of the screwing effort by tightening the spring pressure bolt, located in the front part of the screwdriver (without scale).

Left/right rotation, usable with ONE HAND. Quick connection for 1/4" hexagonal bits. Light alloy construction with parts in steel, limited weight and size for perfect handling. Air exhaust on the rear end of the handle.

Max torque	Nm	6
Air consumption	l/sec	2
No-load speed	rev/min	1800
Noise level	dB	83,3
Vibrations	m/s ²	11,8
Air drive	inch	1/4
Weight	Kg	1

1729G 2 Each 265,00

For inserts see Art. 1994 GH to Z. Operating pressure Atm 6,3.

1729G 2E

PNEUTEC
DRUCKLUFTWERKZEUGE

1/4"

**Prod. Pneutec - Art. UT 8960**

Straight type with step adjustment of the tightening force by means of the external locking ring installed on the device front side.

Reversible operation. Quick coupling for 1/4" hex inserts drive. Light alloy construction, coating in synthetic material and steel working parts. Lightweighted and reduced dimensions to be very handy. Blast pipe at the grip lower extremity.

Torque	Nm	0,6 a 6
Air consumption	l/sec	1
No-load speed	rev/min	1700
Noise level	mm	195
Length	dB	77
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,8

1729G 2E Each 371,00

For inserts see Art. 1994 GH to Z. Operating pressure Atm 6,3.



Prod. Pneutec - Art. UT 5935

Pistol-grip type, without screwing effort adjustment.
Reversible operation. 1/4" hex inserts drive. Light alloy construction with steel working parts.
Lightweight and reduced dimensions to be very handy. Blast pipe at the grip lower extremity.

Max torque	Nm	6
Air consumption	l/sec	2
No-load speed	rev/min	1800
Noise level	dB	86,8
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1,5
1729G 2L	Each	246,00

For inserts see Art. 1994 GH to Z. Operating pressure Atm 6,3.



1729G 2L



Prod. Pneutec - Art. UT 8962

Pistol-grip type with step adjustment of the tightening force by means of the external locking ring installed on the device front side.
Reversible operation. Quick coupling for 1/4" hex inserts drive. Light alloy construction, coating in synthetic material and steel working parts. Lightweight and reduced dimensions to be very handy. Blast pipe at the grip lower extremity.

Torque	Nm	1 a 6
Air consumption	l/sec	1
No-load speed	rev/min	1700
Noise level	dB	76
Vibrations	m/s ²	2,6
Air drive	inch	1/4
Weight	Kg	0,9
1729G 3E	Each	428,00

For inserts see Art. 1994 GH to Z. Atm pressure 6.3.



1729G 3E
new



Prod. Pneutec - Art. UT 8963

Product description as Art. 1729G 3E

Torque	Nm	1 a 9
Air consumption	l/sec	1
No-load speed	rev/min	750
Length	mm	165
Noise level	dB	76
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,9
1729G 3F	Each	466,00

For inserts see Art. 1994 GH to Z. Operating pressure Atm 6,3.



1729G 3F



OILS FOR AIR TOOLS

Orig. Ewo - Art. 583

Special synthetic oil for compressed air lubricators of pneumatic tools. While protecting tools it increases their lifetime and performances even in difficult conditions such as high/low temperatures, dirt, etc. It is biological. It does not contain poisonous substances, easy to be disposed of. Supplied in handy 1l bottles, transfer pipe included.

1730G	Each	17,30
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Viscosity category VG 32 - ISO 3448 (Viscosity 40°C - 32 mm²/s).



1730G



COMPRESSED AIR HOSES

Prod. SCU

Coil type made from elastomeric PA 12, particularly flexible and elastic. Maximum pressure 15 atm. Supplied with 1/4" thread, male and female.

Ø 8x6mm.

Overall length	m	5	7,5	10	15
1732	Each	10,50	14,20	17,70	25,20

For connections, couplings and nipples see Art. 3477 E to 3485 GC.



1732





1732A

SCU



Product description as Art. 1732

Ø 10x8mm.

Overall length	m	7,5	10	15
1732A	Each	18,10	22,90	32,70

For connections, couplings and nipples see Art. 3477 E to 3485 GC.

1733

SCU



Coil type made from elastomeric PA 12, particularly flexible and elastic. Working pressure 15 bar. Supplied without connectors.

Ø 8x6mm.

Overall length	m	5	7,5	10	15
1733	Each	7,36	11,10	14,80	22,10

1733 1

SCU



Product description as Art. 1733

Ø 10x8mm.

Overall length	m	7,5	10	15
1733 1	Each	14,80	19,70	29,50

COMPRESSED AIR ACCESSORIES FOR HOSES

1733A

SCU



Prod. SCU

With bayonet coupling.

For pipes Ø 8x6mm.

1733A	Each	1,82
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1733A 1

SCU



Product description as Art. 1733A

For pipes Ø 10x8mm.

1733A 1	Each	1,92
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1733B

SCU



With quick release coupling.

For pipes Ø 8x6mm.

1733B	Each	1,94
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1733B 1

SCU



Product description as Art. 1733B

For pipes Ø 10x8mm.

1733B 1	Each	2,04
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For attacks, fittings, couplings and nipples see from Art. 3477 E to 3478 Z.

COMPRESSED AIR HOSES

1733CA

SCU



Prod. SCU

Coil-type in POLYURETHANE, high quality and high tightness. Abrasion resistant and oil-proof. Undeformable, long lasting. Straight ends make it easier to use. Operating pressure 10 bar.

Max total length 8m

Supplied with male threaded swivel fittings 1/4 ".

Pipe Ø	mm	8x5	10x6,5	12x8
1733CA	Each	32,70	42,60	50,70

For connections, couplings and nipples see Art. 3477 E to 3485 GC.

1733CB

SCU



Product description as Art. 1733CA

Max total length 12m

Supplied with male threaded swivel fittings 1/4 ".

Pipe Ø	mm	8x5	10x6,5	12x8
1733CB	Each	37,70	52,40	62,20

For connections, couplings and nipples see Art. 3477 E to 3485 GC.

1733CL

SCU



Coil-type in POLYURETHANE, high quality and high tightness. Abrasion resistant and oil-proof. Undeformable, long lasting. One straight end and one spiral end for tight spaces. Operating pressure 10 bar.

Max total length 4m. Ø pipe 8x5mm.

Supplied with male threaded swivel fittings 1/4 ".

1733CL	Each	20,90
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For connections, couplings and nipples see Art. 3477 E to 3485 GC.



Coil-type in POLYURETHANE, high quality and high tightness. Abrasion resistant and oil-proof. Undeformable, long lasting. Spiral ends with spring for tight spaces. Operating pressure 10 bar.

Max total length 10m. Ø pipe 8x5mm
Supplied with male threaded swivel fittings 1/4".

1733CP	Each	26,20
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For connections, couplings and nipples see Art. 3477 E to 3485 GC.

1733CP



Type in flexible high-quality, high tightness wire. Resistant to abrasion and oils, non-deformable, of great durability. Operating pressure 10 bar.

Max total length 20m
Supplied with female threaded swivel fittings 1/4".

Pipe Ø	mm	12x8	15x10
1733CR	Each	76,10	112,00

For connections, couplings and nipples see Art. 3477 E to 3485 GC.

1733CR



Coil-type in POLYURETHANE, high quality and high tightness. Abrasion resistant and oil-proof. Undeformable, long lasting. Straight ends make it easier to use. Operating pressure 10 bar.

Max overall length: 8m. Without couplings.

Pipe Ø	mm	10x6,5	12x8	16x11
1733E	Each	40,90	49,90	86,70

Product description as Art. 1733E

Max total length 8m

Supplied with quick connection and tap compatible with the most popular European couplings.

Pipe Ø	mm	10x6,5	12x8
1733H	Each	44,20	52,40

1733E



COMPRESSED AIR ACCESSORIES FOR POLYURETHANE HOSES

Prod. SCU

Quick cocks for polyurethane pipe (non Rilsan), in high quality heavy nickel-plated brass for high performances. Compatible with the most common European couplings. Pipe blocking through conical shank and locking nut.

For pipes Ø	mm	10x6,5	12x8	16x11
1733F	Each	49,50	49,50	50,70

1733H



Quick couplings for polyurethane pipe (non Rilsan), in high quality heavy nickel-plated brass for high performances. Compatible with the most common European quick couplings. Pipe blocking through conical shank and locking nut.

For pipes Ø	mm	10x6,5	12x8	16x11
1733G	Each	17,10	19,70	29,10

1733F



BALANCERS FOR TOOLS

Prod. SCU

Light and compact model. Housing in sturdy unbreakable glass fibers. Steel cable, hole and hook.

Cable grasp tension adjusting grip knob.

Size		1
Balanceable min weight	Kg	1
Balanceable max weight	Kg	3
Cable length	m	1,1
1733S	Each	39,10

1733G





1733T

SCU



Type for optimized weights use. With plastic body. Steel cable, hole and hook. Cable grasp tension adjusting grip knob.

Size	0,5	
Balanceble min weight	Kg	0,5
Balanceble max weight	Kg	1,5
Cable length	m	1
1733T	Each	58,10

Product running out of stock.

1734

SCU



Gr. 00 - 0
1 - 1A

Gr. 1P - 2 - 3 -
3A - 4 - 5

1734-Gr. 00 - 0 - 1 - 1A: professional type. Housing in sturdy unbreakable NYLON.
1734-Gr. 1P - 2 - 3 - 3A - 4 - 5: industrial type. Housing in robust alluminium alloy.
STAINLESS steel cable, hole and snap ring. With cable tension adjustment knob and length adjustment block.

Size		00	0	1	1A	1P
Balanceble min weight	Kg	0,2	0,4	1	2	1
Balanceble max weight	Kg	0,5	1	2	3	2,5
Cable length	m	1,6	1,6	1,6	1,6	2
1734	Each	52,20	53,30	57,70	62,20	130,00
Size		2	3	3A	4	5
Balanceble min weight	Kg	2	4	6	8	10
Balanceble max weight	Kg	4	6	8	10	14
Cable length	m	2	2	2,5	2,5	2,5
1734	Each	147,00	170,00	202,00	227,00	257,00

1735

SCU



Type with polyurethane feeding tube, internal Ø 6mm, for compressed air tools. Body made of sturdy aluminum alloy. Stroke: 1350mm - Max operating pressure: 8 bar.
Max. operational temperature: 50°C - 1/4 Gas.
Cable grasp tension adjusting grip knob and safety suspension.

Size		0	1	2
Balanceble min weight	Kg	0,4	0,75	1,2
Balanceble max weight	Kg	0,8	1,5	2,5
1735	Each	180,00	187,00	190,00

On request supplied balancers ATEX certified.

AIR HOSES

1736A

SCU



Prod. SCU

Type in flexible wire polyurethane, 90 shore.
Industrial use with any compressor and pneumatic tool.
Indivisible 100m rolls approx. Operating pressure 20bar.

Int Ø for ext.	mm	6,5x10	8x12	11x16
1736A	Per meter	2,46	3,44	5,66



Flexible type, made with PVC and rubber compounds, reinforced with high-strength polyester yarn. Black colour.

Operational temperature: -15°C +60°C. Applications: any compressors and pneumatic tools. Precut length: indivisible 100m rolls approx. Operating pressure 20bar.

Int Ø for ext.	mm	6x14	8x17
1736B	Per meter	2,36	3,26

**The production date is shown on the tube.
The expiry date is no longer required as per ISO 3821 standard.**

SCU



1736B

Very flexible type in transparent PVC reinforced with high resistance polyester insert. Non-toxic version in conformity with the Italian Min. Dec. of 21/3/73 and further amendments. Operating temperature -15 °C +60 °C. To be used with any compressor and pneumatic tool, even in food industry.

Int Ø for ext.	mm	6x12	8x14	10x15	13x18
Indivisible rolls length	m	200	100	100	100
Operating pressure	bar	20	20	15	12
1736F	Per meter	1,80	2,18	2,02	2,26

SCU



1736F

COMPRESSOR HOSE DRUMS

Prod. SCU

Type with 20m of hose Ø 6/12mm in PVC reinforced with synthetic fibers. Operating pressure up to 15bar. Metallic support, transport handle and drum in special plastic material, unbreakable. With two outlets.

1736G	Each	73,80
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SCU



1736G



Professional type, wall-fixing and axial connection for easy rolling/unrolling also while working. Supplied with 20m of hose Ø 9/15mm in PVC reinforced with synthetic fibers, working pressure up to 15 bar. Steel pipe support, with hooks and drum in special plastic material, unbreakable. Metal quick couplings.

1737G	Each	114,00
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SCU



Sistema anche a muro

1737G

AUTOMATIC HOSE REELS

Prod. SCU

Universal model, closed, for cold air and water, made from strong plastic. Automatic winding of the tube with the chance to stop at the desired length. Swivel wall support for optimal orientation. Polyurethane hose, compression resistant and highly flexible for operating pressures up to 12 bar. Air inlet/outlet G 1/4.

Pipe length	m	10
Int./ext. pipe Ø	mm	8/12
1739	Each	132,00

SCU



1739





1740 SCU



Professional type, closed, for air only, in stamped sheet steel with epoxy paint coating for highest protection. Automatic rolling-up of the hose and possibility to stop at the desired length. Rotating wall bracket assures change of direction. Reinforced polyurethane hose with texture braids for operating pressures up to 20bar, length: 5m, Ø 8/11mm. Provided with air inlet hose fitting, air outlet G. 1/4 M. Weight: 3Kg.

1740 Each 226,00

1742 SCU



Industrial type, closed, for air only, in stamped sheet steel with epoxy paint coating for highest protection. Automatic rolling-up of the hose and possibility to stop at the desired length. Rotating wall bracket assures change of direction. Reinforced polyurethane hose with texture braids for operating pressures up to 20bar, length: 10m, Ø 8/12mm. Air inlet G 3/8 F, air outlet G. 1/4 M. Weight: 8Kg.

1742 Each 328,00

1744 SCU



Industrial type, open, for air and water, in stamped sheet steel with epoxy paint coating for highest protection. Automatic rolling-up of the hose and possibility to stop at the desired length. Fixed wall bracket. Special rubber hose for operating pressures up to 18bar, length: 15m, Ø 8/14mm. Air inlet G 3/8 F, air outlet G. 3/8 M. Weight: 17Kg. Without revolving support.

1744 Each 640,00

Adjustable support for hose reels Art. 1744.

O1744A Each 53,30

TOOLMAKERS BRUSHES

1798A SCU



Prod. SCU

Corrugated steel wire Ø 0.10 mm. Shank Ø 3.17 mm.

Particularly suitable for moulding devices, fine mechanics, etc. Max. speed of 2,000 rev/min.

Disk shaped.

Ø	mm	19	25	28	38
1798A	Each	0,86	0,98	0,98	1,22

1798B SCU



Product description as Art. 1798A

Pen shaped.

Ø	mm	5	6	8
1798B	Each	0,86	0,86	0,86

1798E SCU



Product description as Art. 1798A

Cup shaped.

Ø	mm	12
1798E	Each	0,86



STEEL AND BRASS BRUSHES

Prod. SCU

Type with steel hardened and twisted wire Ø 0.40mm, with cylindrical shaft Ø 6mm.

Ø	mm	75	100
Thickness	mm	10	12
1800A	Each	14,10	15,60

SCU



1800A



Wheel brushes in high resistance HSS ondulated steel wire, with cylindrical shaft Ø 6mm.

Ø and thickness	mm	30x6	30x10	40x6	40x10	50x6
Wires Ø	mm	0,20	0,20	0,20	0,20	0,20
1800G	Each	4,06	5,18	4,72	5,62	4,72
Ø and thickness	mm	50x10	60x10	70x10	80x15	
Wires Ø	mm	0,20	0,30	0,30	0,30	
1800G	Each	5,62	5,40	5,86	9,00	

SCU



1800G



HSS

Wheel brushes in STAINLESS steel wire, with cylindrical shaft Ø 6mm.

Ø and thickness	mm	30x10	40x10	50x10	60x10	70x10	80x15
Wires Ø	mm	0,20	0,20	0,20	0,30	0,30	0,30
1802G	Each	5,86	6,98	6,98	7,42	7,42	12,40

SCU



1802G



INOX

Wheel brushes in ondulated brass wire, with cylindrical shaft Ø 6mm.

Ø and thickness	mm	30x10	40x10	50x10	60x10	70x10	80x15
Wires Ø	mm	0,20	0,20	0,20	0,30	0,30	0,30
1803G	Each	6,30	7,88	7,88	7,70	9,46	15,30

SCU



1803G



OTTONE

Type made of high strength corrugated HSS steel wire, brush type with cylindrical shaft Ø 6mm, wire Ø 0,30mm.

Ø	mm	11	16	22	28
Overall length	mm	65	70	70	75
1804G	Each	3,60	4,28	5,62	8,56

SCU



1804G



HSS

In STAINLESS steel wire Ø 0.30mm, brush type with cylindrical shaft Ø 6mm.

Ø	mm	11	16	22	28
Overall length	mm	65	70	70	75
1806G	Each	3,82	5,18	6,76	10,20

SCU



1806G



INOX

In ondulated brass wire Ø 0.30mm, brush type with cylindrical shaft Ø 6mm.

Ø	mm	11	16	22	28
Overall length	mm	65	70	70	75
1807G	Each	4,06	4,96	7,88	11,50

SCU



1807G



OTTONE



1808G SCU



HSS



Mushroom-shaped brushes in HSS ondulated steel wire Ø 0.30mm, with cylindrical shaft Ø 6mm.

Ext. Ø	mm	50	70
Body Ø	mm	22	28
1808G	Each	8,82	14,90

1809G SCU



OTTONE



Mushroom-shaped brushes in ondulated brass wire Ø 0.30mm, with cylindrical shaft Ø 6mm.

Ext. Ø	mm	50	70
Body Ø	mm	22	28
1809G	Each	10,80	17,80

1810G SCU



HSS



Cap brushes in high resistance HSS ondulated steel wire Ø 0.30mm, with cylindrical shaft Ø 6mm.

Ext. Ø	mm	50	75
1810G	Each	5,10	6,76

1812G SCU



INOX



Cap brushes in STAINLESS steel wire Ø 0.30mm, with cylindrical shaft Ø 6mm.

Ext. Ø	mm	50	75
1812G	Each	6,98	10,10

1813G SCU



OTTONE



Cap brushes in ondulated brass wire Ø 0.30mm, with cylindrical shaft Ø 6mm.

Ext. Ø	mm	50	75
1813G	Each	7,42	13,30

STEEL BRUSHES

1813T SCU
new



Prod. SCU

Disc model with narrow band. To be used also coupled, with high resistance HSS steel wires and central hole. Wires Ø 0.30mm.

Ø and thickness	mm	100x13	125x13	150x16	180x18	200x20	250x30
Bore Ø	mm	16	16	16	20	20	25
1813T	Each	14,70	15,60	26,30	29,30	28,50	49,70



Disc model with brass-plated steel wire, corrugated and centre hole. Wires Ø 0.30mm.

Ø and thickness	mm	120x20	150x20	200x20	200x28
Bore Ø	mm	16	16	20	20
1814A	Each	10,10	13,20	15,60	20,20

SCU



1814A



Wheel brushes in high resistance HSS ondulated steel wire Ø 0.30mm, with central hole.

Ø and thickness	mm	80x18	100x17	100x24	125x25	150x25	150x30
Bore Ø	mm	13	16	16	16	16	16
1814G	Each	12,40	12,80	18,40	18,90	24,10	32,80
Ø and thickness	mm	200x30	200x50	250x30	250x60	300x45	300x60
Bore Ø	mm	20	20	25	25	30	30
1814G	Each	35,80	64,90	71,20	129,00	104,00	139,00

SCU



1814G

HSS



Wheel brushes in STAINLESS steel wire, with hole.

Ø and thickness	mm	150x25	150x30	200x30	200x40	250x30	250x40
Bore Ø	mm	16	16	20	20	25	25
1816G	Each	38,20	51,10	57,90	83,30	112,00	160,00

SCU



1816G

INOX



Wheel brushes with steel hardened and twisted wire Ø 0.50mm, with hole.

Ø	mm	150	200	250	300
Bore Ø	mm	16	20	25	30
Thickness	mm	18	30	30	30
1818	Each	57,90	74,10	130,00	140,00

SCU



1818



Sizes mm 300 running out of stock

Wheel brushes with steel hardened and twisted wire Ø 0.40mm. With threaded hole M14.

Ø	mm	115
Thickness	mm	11
1819A	Each	21,10

SCU



1819A



**1819E** SCU

Wheel brushes with steel hardened and twisted wire Ø 0.50mm. With hole 22,2mm.

Ø	mm	115	150	180
Thickness	mm	12	11	11
1819E	Each	21,20	28,40	39,30

1819S SCU

Brushes, conic-disc type with brass plated steel (only Ø 150mm in phosphate steel) ondulated wire Ø 0.30mm. With threaded hole M14.

Ø	mm	95	120	150
1819S	Each	6,84	7,76	14,10

1819T SCU

Brushes, conic-disc type with hardened, twisted steel wires Ø 0.40mm (only Ø 150mm with Ø 0.50mm wires). With threaded hole M14.

Ø	mm	95	120	150
1819T	Each	12,50	14,10	23,30

Alternatively, it can be supplied in bronzed steel.

1820GA SCU

Cup brushes in HSS ondulated steel wire Ø 0.30mm. With threaded hole M14.

Ø	mm	65	100	150
1820GA	Each	10,10	28,20	54,20

HSS

1820GE SCU

Cup brushes in STAINLESS steel ondulated wire Ø 0.30mm. With threaded hole M14.

Ø	mm	65	100	150
1820GE	Each	13,30	35,40	68,20

INOX

1820L SCU

Cup-type brushes with corrugated brass-plated steel wires (only Ø 150mm in phosphate steel). With threaded hole M14.

Ø	mm	70	100	120	150
Wires Ø	mm	0,30	0,30	0,40	0,40
1820L	Each	5,90	10,80	15,70	22,40



Cup-type brushes with corrugated brass-plated steel wires (only Ø 150mm in phosphate steel). With hole 22.2mm.

	mm	80	100	120	150
Ø	mm	0,30	0,30	0,40	0,40
Wires Ø	mm	0,30	0,30	0,40	0,40
1820P	Each	9,48	9,68	14,10	21,10

SCU



1820P



Cup brushes with HSS steel twisted wire Ø 0.50mm. With threaded hole M14.

	mm	65	90	120
Ø	mm	0,30	0,30	0,40
1822G	Each	14,30	44,90	56,80

SCU



1822G

HSS



Cup brushes with phosphate steel twisted wire, Ø 0.50mm (Ø 75mm with wire Ø 0.40). With threaded hole M14.

	mm	75	100	120
Ø	mm	0,30	0,30	0,40
1822L	Each	9,32	25,10	28,60

Alternatively, it can be supplied in bronzed steel.

SCU



1822L



Cup brushes with phosphate steel twisted wire Ø 0.50mm. With hole 22.2mm.

	mm	80	100	120
Ø	mm	0,30	0,30	0,40
1823L	Each	21,80	23,60	27,20

Alternatively, it can be supplied in bronzed steel.

SCU



1823L



STEEL BRUSHES WITH SYNTHETIC BINDER

Prod. SCU

Brushes with HSS steel wire Ø 0.30mm, with synthetic binder increasing brush performances. Treatment aiming at avoiding steel wire breaking and assuring to the operator safer working conditions.

	mm	40	50	60	70
Ø	mm	6	10	10	10
Thickness	mm	6	10	10	10
1830G	Each	12,80	21,10	23,70	23,70

SCU



1830G

HSS



Product description as Art. 1830G

Brushes with HSS steel wire Ø 0.30mm, with synthetic binder increasing brush performances.

	mm	22	28
Ø	mm	70	75
Overall length	mm	70	75
1832G	Each	13,70	17,10

SCU



1832G

HSS





ABRASIVE NYLON BRUSHES

1832GA SCU



Prod. SCU

Abrasive grit covering resistant nylon filaments allows deburring, cleaning, polishing, non metallic and metallic surface finishing. Grade 80 (red) with more aggressive abrasive for deburring. Grade 150 (grey) with less aggressive abrasive for cleaning and polishing operations. Speed: 4500 r.p.m.

Wheel brush, with cylinder shaft \varnothing 6mm.

Grit 80.

\varnothing	mm	75	100
Thickness	mm	10	10
1832GA	Each	8,78	10,80

1832GB SCU



Product description as Art. 1832GA

Wheel brush, with cylinder shaft \varnothing 6mm.

Grit 150.

\varnothing	mm	75	100
Thickness	mm	10	10
1832GB	Each	7,88	10,40

1832GC SCU



Abrasive grit covering resistant nylon filaments allows deburring, cleaning, polishing, non metallic and metallic surface finishing. Grade 80 (red) with more aggressive abrasive for deburring. Grade 150 (grey) with less aggressive abrasive for cleaning and polishing operations. Speed: 18000 r.p.m.

Narrow brush, with cylinder shaft \varnothing 6mm.

Grit 80.

\varnothing	mm	22
1832GC	Each	7,50

1832GD SCU



Product description as Art. 1832GC

Narrow brush, with cylinder shaft \varnothing 6mm.

Grit 150.

\varnothing	mm	22
1832GD	Each	7,50

1832GE SCU



Abrasive grit covering resistant nylon filaments allows deburring, cleaning, polishing, non metallic and metallic surface finishing. Grade 80 (red) with more aggressive abrasive for deburring. Grade 150 (grey) with less aggressive abrasive for cleaning and polishing operations. Speed: 4500 r.p.m.

Cap brush, with cylinder shaft \varnothing 6mm.

Grit 80.

\varnothing	mm	50	75
Thickness	mm	6	6
1832GE	Each	7,20	12,10

1832GF SCU



Product description as Art. 1832GE

Cap brush, with cylinder shaft \varnothing 6mm.

Grit 150.

\varnothing	mm	50	75
Thickness	mm	6	6
1832GF	Each	7,20	12,10



Abrasive grit coated resistant nylon filaments. For deburring, cleaning, polishing of metallic and non-metallic surfaces. Reinforced hub allowing coupling for a larger machining surface.
 Grade 80 with very aggressive abrasive for heavy deburring.
 Grade 120 with aggressive abrasive for deburring.
 Grade 180 with less aggressive abrasive for cleaning.
 Grade 320 with polishing abrasive.



1833GA
1833GB
1833GC
1833GE



125



150



200



7

Wheel brush, with hole.

Grit 80.

Ø and thickness	mm	125x13	150x15	200x15
Bore	mm	16	16	20
Speed revolutions/min.	No.	8000	6000	4500
1833GA	Each	22,50	32,50	55,30

Product description as Art. 1833GA

Wheel brush, with hole.

Grit 120.

Ø and thickness	mm	125x13	150x15	200x15
Bore	mm	16	16	20
Speed revolutions/min.	No.	8000	6000	4500
1833GB	Each	23,30	34,20	52,30

Product description as Art. 1833GA

Wheel brush, with hole.

Grit 180.

Ø and thickness	mm	125x13	150x15	200x15
Bore	mm	16	16	20
Speed revolutions/min.	No.	8000	6000	4500
1833GC	Each	23,90	31,90	52,30

Product description as Art. 1833GA

Wheel brush, with hole.

Grit 320.

Ø and thickness	mm	125x13	150x15	200x15
Bore	mm	16	16	20
Speed revolutions/min.	No.	8000	6000	4500
1833GE	Each	23,90	31,10	48,10

CLOTH BRUSHES

Prod. SCU

Wheel brushes in strong, soft cotton cloth. For polishing. To be used in combination with abrasive pastes Art. 1834 - 1834 A - 1834 B.

Wheel brush, with cylinder shaft Ø 6mm.

Ø and thickness	mm	80x10
1833P	Each	8,26



1833P



Product description as Art. 1833P

Wheel brush, with hole.

Ø	mm	150	200	250
Bore Ø	mm	16	20	25
Thickness	mm	12	12	12
1833S	Each	12,90	23,40	45,30



1833S



COTTON WHEELS

Prod. SCU

Port hole with diameter of 19.1 mm, and keyway. Suitable for the most common types of scouring, polishing, and satin finishes. In robust sisal and cotton. Can brush marks on metal and non-abrasive surface, therefore preparing the polish using a soft cotton or felt. Can be used alongside polishing agents (Art. 1834 - 1834 A - 1834 B). You will require a 7 mm disc when shaping 100 x 100 mm sized brushes.

Ø and thickness	mm	100x14
1833T	Each	7,82



1833T



For electric finishing machines see Art. 1691 GE.


1833V SCU


With connection hole \varnothing 19.1mm and key slot. Suitable for the most common brands of sanding, polishing and finishing machine. In strong, soft cotton. Suitable to polish metals, copper, brass, aluminium, stainless steel, etc.. To be used in combination with abrasive pastes (Art. 1834 - 1834 A - 1834 B). 10 disks are required to form a brush 100x100mm in size.

	\varnothing and thickness	mm	100x10
1833V	Each		4,92

For electric finishing machines see Art. 1691 GE.

COTTON WHEELS
1833Z SCU


Prod. SCU

With M 14 threaded hole. Suitable for the most common sanding and polishing machines, etc.. In wool felt. Suitable to clean and mirror polish metals, copper, brass, aluminium, stainless steel, etc. To be used with abrasive pastes (Art. 1834 - 1834 A - 1834 B). Speed 12500 rpm.

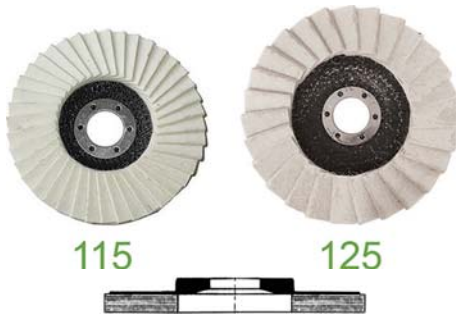
	\varnothing	mm	100	115
1833Z	Thickness	mm	12	12
	Each		14,60	16,80

1833ZB SCU
new


With 22 mm hole. Suitable for the most common types of grinders, polishers, etc. Wool felt. For cleaning and polishing metals, copper, brass, aluminium, stainless steel, etc. Can be used alongside polishing agents (Art. 1834 - 1834 A - 1834 B). Speed 6100 rpm.

Flat profile and fibreglass support.
 \varnothing 125mm.

1833ZB	Each	13,40
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FELT FLAP DISKS
1833ZE SCU


Prod. SCU

With 22 mm hole. Suitable for the most common types of grinders, polishers, etc. Wool felt with flexible strips to provide a more convenient working shape and to prevent any overheating. For cleaning and polishing metals, copper, brass, aluminium, stainless steel, etc. Can be used alongside polishing agents (Art. 1834 - 1834 A - 1834 B).

Flat profile and fibreglass support.

	\varnothing	mm	115	125
1833ZE	Each		6,70	6,86

FELT FLAP WHEELS
1833ZF SCU


Prod. SCU

Shank with 6 mm diameter. Wool felt with flexible strips to provide a more convenient working shape and to prevent any overheating. For cleaning and polishing metals, copper, brass, aluminium, stainless steel, etc. Can be used alongside polishing agents (Art. 1834 - 1834 A - 1834 B).

Thickness for all sizes 30mm.

	\varnothing	mm	30	40	50	60	80
1833ZF	Each		3,80	4,28	4,78	5,32	7,32



GRINDING PASTES

Prod. SCU

Supplied in blocks, for machining of metals, copper, brass, aluminium, stainless steel, etc.. To be used with cloth, cotton, sisal, felt, nylon and steel wire brushes, disks and wheels.

SCU

1834A

White paste used to metal roughing and pre-cleaning.

Weight	grams	1000
1834A	Each	6,62



Product description as Art. 1834A

Light blue paste used to perform metal polishing and brightening.

SCU

1834B

Weight	grams	950
1834B	Each	8,76



Medium/fat paste type supplied in blocks. For the processing of non-ferrous metals. Use with Pink paste for the second coat and for polishing and shining non-ferrous metals.

SCU

1834C
(ex1834)

Weight	grams	950
1834C	Each	8,52



Medium/fat paste type supplied in blocks. For the finishing of stainless steel. Use with sisal. Green color paste.

SCU

1834D
new

Weight	grams	860
1834D	Each	7,16



ABRASIVE NYLON INTERIOR BRUSHES

Prod. SCU

For industrial use, in resistant nylon filament covered with abrasive grit, with steel handle. Necessary to debur and clean holes in metal or non-metal materials. Handy or machine application.

SCU

1834E
1834G

Grit 80.

Ø	mm	6	8	10	12	15
Overall length	mm	125	125	125	125	125
Useful length	mm	50	50	50	65	65
Shank Ø	mm	3,5	3,5	3,5	5	5
1834E	Each	11,70	11,70	11,60	11,90	12,70

Ø	mm	20	25	30	35	40
Overall length	mm	125	125	125	125	125
Useful length	mm	65	65	65	65	65
Shank Ø	mm	5	5	5	5	5
1834E	Each	17,70	17,70	17,70	17,70	17,70



Product description as Art. 1834E

Grit 120.

Ø	mm	6	8	10	12	15
Overall length	mm	125	125	125	125	125
Useful length	mm	50	50	50	65	65
Shank Ø	mm	3,5	3,5	3,5	5	5
1834G	Each	10,50	10,50	11,60	11,90	12,70

Ø	mm	20	25	30	35	40
Overall length	mm	125	125	125	125	125
Useful length	mm	65	65	65	65	65
Shank Ø	mm	5	5	5	5	5
1834G	Each	17,70	17,70	17,70	17,70	17,70

STEEL, BRASS AND NYLON TUBE INTERIOR BRUSHES

Prod. SCU

HSS high resistance steel wire for cleaning holes, tubes, etc. Comes with wooden handle and shaft with double braided wire.

SCU

1834L

Ø	mm	15	20	25	30
Brush length	mm	100	100	100	100
Overall length	mm	300	300	300	300
1834L	Each	9,46	9,22	9,90	10,20



HSS





1834R

SCU



With steel wire to clean holes, pipes, etc. Handle with eyelet.

Ø	mm	10	12	16	20	24	30
Brush length	mm	100	100	100	100	100	100
Overall length	mm	300	300	300	300	300	300
1834R	Each	2,64	2,64	2,64	2,64	2,64	2,64

In substitution it can be provided in brass-plated steel.

1834S

SCU



In brass wire to clean holes, pipes, etc. Handle with eyelet.

Ø	mm	10	12	16	20	24	30
Brush length	mm	100	100	100	100	100	100
Overall length	mm	300	300	300	300	300	300
1834S	Each	2,80	2,80	2,80	2,80	2,80	2,80

OTTONE

1834T

SCU



With steel wire to clean holes, pipes, etc. Threaded drive M6.

Ø	mm	10	12	14	16	18
Brush length	mm	100	100	100	100	100
1834T	Each	4,08	4,08	4,08	4,08	4,08

In substitution it can be provided in brass-plated steel.

1834V

SCU



In brass wire to clean holes, pipes, etc. Threaded drive M6.

Ø	mm	10	12	14	16	18
Brush length	mm	100	100	100	100	100
1834V	Each	4,08	4,08	4,08	4,08	4,08

OTTONE

1835

SCU



With brass coating steel wire (only Ø mm 120 - 140 - 150 in steel) to remove pipe and heater deposits, etc.

Threaded drive M12. Length of the brush 100 mm.

Ø	mm	20	25	30	35	40	45	50	55	60
1835	Each	4,90	4,90	4,90	4,90	4,90	4,90	4,90	4,90	4,90
Ø	mm	65	70	75	80	90	100	120	140	150
1835	Each	4,90	4,90	4,90	4,90	5,60	5,60	6,36	6,84	6,84

1835B

SCU



Rigid handle M6, length: 1000mm. For Art. 1834 T.

1835B	Each	5,90
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1835E

SCU



Rigid handle M12, length: 1000mm. For Art. 1835.

1835E	Each	6,84
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1835F

SCU



Flexible handle M12, length: 1000mm. For Art. 1835.

1835F	Each	12,30
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1835H



Flexible handle M12, length: 1500mm. For Art. 1835.

1835H	Each	17,10
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1836G

SCU



Double spiral type. With high resistance steel wire to remove pipe and heater deposits, etc. Suitable to be used in combination with drain cleaners tools Art. 775 GB (Art. 1836G 20-25 excluded).

Ø	mm	20	25	32	38	44	50	57
Brush length	mm	80	80	100	100	100	100	100
Thread drive	inch	3/8	3/8	1/2	1/2	1/2	1/2	1/2
1836G	Each	16,50	18,20	16,40	16,40	16,40	16,40	16,50
Ø	mm	63	69	75	82	88	94	101
Brush length	mm	100	100	100	100	100	100	100
Thread drive	inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2
1836G	Each	16,50	17,30	17,30	18,40	18,40	18,40	25,40

ABRASIVE NYLON INTERIOR BRUSHES

1837G

SCU



Prod. SCU

With resistant nylon wire, steel handle.

Suitable to clean pipes, heaters, etc.

Particularly suitable to be used in combination with drain cleaners tools Art. 775 GB.

Ø	mm	80	100	125	150	200	250
Thread drive	inch	1/2	1/2	1/2	1/2	1/2	1/2
1837G	Each	19,10	20,30	22,10	24,20	45,80	55,10



FLUE BRUSHES HANDLES

Prod. SCU

Flexible handles 3/8 inch, length: 1000mm. For Art. 1836 G 20 - 25.

1839G Each **17,30**

Flexible handles 1/2 inch, length: 1000mm. For Art. 1836 G 32 to 101 and Art. 1837 G (all dimensions).

1840G Each **17,30**



1839G
1840G



Flexible extensions, length: 1000mm. For handles 3/8 inch. For Art. 1839 G.

1840GP Each **29,30**

Flexible extensions, length: 1000mm. For handles 1/2 inch. For Art. 1840 G.

1841G Each **29,30**



1840GP
1841G



BRUSH AND GRINDING WHEELS SHAFT

Prod. SCU

Brush and grinding wheel shafts with nut and flange.

Shank Ø	mm	6	8
For rot. tools with bore Ø	mm	10	13
Flange Ø	mm	40	40
1841T	Each	5,62	6,00



1841T



BRUSH SHAFT

Prod. SCU

Brush shafts with nut and washers.

Type		1	3
Shank Ø	mm	6	10
For rot. tools with bore Ø	mm	6	13
1842	Each	12,30	19,60



1842



Product running out of stock.

With female drive M14 and flanged pin Ø 13mm.

1842A Each **19,60**



1842A



Product running out of stock.

INDUSTRIAL BRUSHES

Prod. SCU

Type with wooden body mm 220x90 and hand strap. Suitable for terracotta. Bristles in plastic material.

1842E Each **6,68**



1842E
new



Product description as Art. 1842E

Bristles in threshing.

1842F Each **12,10**



1842F
new



Brush type with wooden body mm 225 and hole for the insertion of the handle. Tampico bristles. Suitable for tar, resistant to oils, solvents and heat. Without handle.

1842L Each **13,50**



1842L
new



For wooden handle see Art. O4905 B.

270 x 45 mm sized plastic body model with hole for inserting the handle. Black bristles made from synthetic material. Suitable for large areas both indoors and outdoors. Handle not included.

1842P Each **4,66**



1842P



Wooden handles Ø 23 mm.

Total length 1300 mm.

Suitable for brushes Art. 1842 P.

O1842P Each **3,66**



PVC WIRE BRUSHES

1843P

SCU



Prod. SCU

Model with plastic handle.

In feathered PVC wire - Overall length: approx. 245mm.

1843P Each 6,68

1843R

SCU



Product description as Art. 1843P

With rigid PVC wire. Overall length: approx. 260mm.

1843R Each 6,02

HORSEHAIR BRUSHES

1843S

SCU



1843S

Prod. SCU

Wooden body model. With soft wire in PVC/animal hair brush which is suitable for work benches, selling, drafting machines, etc.

5 rows. Size of brush with handle approx. 350x35mm.

1843S Each 7,30

1843T



1843T

Product description as Art. 1843S

5 rows. Size of brush with handle approx. 500x35mm.

1843T Each 14,50

BRASS WIRE BRUSHES

1843Z

SCU



OTTONE

Prod. SCU

Universal model with plastic handle. Wire Ø 0.30mm.

With ondulated brass wire. Overall length: approx. 260mm.

1843Z Each 6,60

1843ZE

SCU



OTTONE

Curved model. Wooden body. Wire Ø 0.25mm. Overall length 260mm.

4 rows. Ondulated brass wire.

1843ZE Each 5,28

STEEL WIRE BRUSHES

1844A

SCU



Prod. SCU

Universal model with plastic handle. Wire Ø 0.30mm.

With ondulated brass plated steel wire. Overall length: approx. 260mm.

1844A Each 1,94

1844B

SCU



INOX

Product description as Art. 1844A

With ondulated STAINLESS steel wire. Overall length: approx. 260mm.

1844B Each 6,36

1844C

SCU



Product description as Art. 1844A

With ondulated brass plated steel wire. Long pattern. Overall length: approx. 370mm.

1844C Each 5,74

1844D

SCU



Type for round parts with ondulated brass plated steel. Overall length: approx. 290mm.

1844D Each 1,48

Product running out of stock.



Welding model combined with striking points. Plastic bodywork with hole. Smooth steel wire with diameter of 0.40 mm. Total length 240 mm.

2 rows.

1844T Each **3,60**



1844T

Curved type for foundry and welding use. Wooden body. Smooth steel wire Ø 0.40mm. Total length approx. 290mm.

4 rows.

1845A Each **2,72**



1845A

Product description as Art. 1845A

5 rows.

1845B Each **2,96**



1845B

Curved type for foundry and welding use. Wooden body. Wavy stainless steel wire Ø 0.30mm. Total length approx. 270mm.

4 rows.

1845C Each **5,28**



1845C

Straight cookie-shaped type approx. 190x55mm. Wooden body. Smooth steel wire Ø 0.40mm.

5 rows.

1845M Each **3,88**



1845M

Shoe-shaped type approx. 210x55mm. Wooden body. Smooth steel wire Ø 0.40mm.

6 rows.

1845P Each **4,34**



1845P

Rectangular trowel model, with connection for handle, 270 x 77 mm. Aluminium body. Corrugated brassed steel wire, Ø 0.40 mm.

7 rows. Without handle.

1845R Each **12,50**

Wooden handles Ø 25 mm.

Total length 1500mm.

Suitable for scrubbing brush Art. 1845 R.

O1845R Each **7,12**



1845R

Type to clean files and rasps. Brush dimensions handle included: approx. 213x26mm.

1845S Each **4,56**



1845S

Professional model which is particularly suitable for cleaning calliper disc brakes. With raised handle, dual-component, narrow brush for areas which are difficult to access. With hook for suspension. 2 rows. Total length 280 mm.

Steel wire, smooth Ø 0.40x25mm, for roughing.

1845SG Each **9,00**



1845SG

Product description as Art. 1845SG

Steel wire, smooth Ø 0.35x25mm, for cleaning.

1845SH Each **8,78**



1845SH



1845SL

SCU



Universal type with raised handle for small elements and confined spaces. Plastic body. 3 rows. Steel wire Ø 0.35mm. Dimensions of brush with handle 220x20mm.

1845SL Each 1,98

Product running out of stock.

1845SLE

SCU



Professional model for universal use with raised handle, dual-component large dimensions to provide a stronger and more secure grip. With hook for suspension. 4 rows. Total length 280 mm.

Steel wire, smooth Ø 0.35x25mm.

1845SLE Each 11,10

1845SM

SCU



Universal model with raise handle for small bodywork and tight spaces. Aluminium body. 3 rows.

Steel wire Ø 0.35mm. Dimensions of brush with handle 220x20mm.

1845SM Each 2,60

INOX

Product running out of stock.

1845SP

SCU



Professional model for universal use with raised handle, dual-component large dimensions to provide a stronger and more secure grip. With hook for suspension. 4 rows. Total length 280 mm.

Stainless steel wire, wavy Ø 0.35x25mm.

1845SP Each 19,10

INOX

1845SPA

SCU



Universal type particularly tight to clean small bodies and spaces difficult to access. Cast steel body.

1 row. Wavy steel wire. Size of brush with handle approx. 220x6mm.

1845SPA Each 4,84

1845SPE

SCU



Product description as Art. 1845SPA

1 row. Wavy stainless steel wire. Size of brush with handle approx. 220x6mm.

1845SPE Each 6,94

INOX

BRASS WIRE BRUSHES

1845T

SCU



Prod. SCU

Type for spark plugs approx. 145x20mm. Plastic body. Brass wire Ø 0.20mm. 3 rows.

1845T Each 1,56

OTTONE

1845Z 4

SCU



Professional model for universal use with raised handle, dual-component large dimensions to provide a stronger and more secure grip. With hook for suspension. With 4 rows. Total length 280 mm.

Brass wire, corrugated Ø 0.30x25 mm.

1845Z 4 Each 21,20

OTTONE

1845ZA

SCU



Universal type particularly tight to clean small bodies and spaces difficult to access. Cast steel body. 1 row.

Brass wire, wavy. Size of brush with handle approx. 220x6mm.

1845ZA Each 6,94

OTTONE

NYLON WIRE BRUSHES

1845ZL

SCU



Prod. SCU

Product description as Art. 1845ZA

Nylon wire. Size of brush with handle approx. 220x6mm.

1845ZL Each 4,84

NYLON



BRUSHES FOR BATTERY

Prod. SCU

Combined model to clean terminal batteries.
It consists of a conic flue brush on one extremity and, on the other, a inside wire brush. Plastic handle with cover.

1846 Each **13,10**

SCU



1846

HOOKS FOR CHIPS

Prod. SCU

Type in steel for the removal of long chips, cuttings, etc.
With pointed end Ø mm 4,5. With hand guard, Ø 110 mm, to avoid accidental injury.
Total length 520 mm.

1847 Each **42,80**

SCU



1847

MAGNETIC METAL PICKERS

Prod. SCU

Type with round magnetic steel rod Ø 25 mm. Sliding rear knob to remove chips and scrap iron.
Total length 400 mm, working length 180 mm.

1847C Each **86,40**

SCU



1847C

Brush model with 400 mm high durability permanent magnet, with telescopic pole adjustable from 750 to 1050 mm. 2 large wheels at the end allow for easy movement even on particularly dirty surfaces. Ideal for the collection of ferrous materials, of various sizes, on large surfaces, on large workbenches, on all types of flooring etc. Sliding ring on the shaft for the separation of chips and remnants.

1847G Each **140,00**

SCU



1847G

DRESSING TOOLS

Prod. SCU

Set of spare rollers for Art. 1849 G. Hole: Ø 8 mm.

1849GA Series **3,94**

SCU



1849GA

Steel model.
Complete with set of bushed rollers Ø 30mm.

1850 Each **21,60**

SCU



1850

Set of spare rollers, bushed for Art. 1850. Hole Ø 6.5 mm.

1850 1 Series **3,60**

SCU



1850 1

Set of spare rollers, non-bushed for Art. 1850. Hole Ø 6.5 mm.

1850A Series **1,98**

SCU



1850A



DRESSING TOOLS

1854

SCU



Prod. SCU

Suitable to grind, profile and dress grinding wheels.
With very hard silicon carbide abrasive. Gross grade.
Complete with abrasive.

Overall length	mm	250
Abrasive max/min Ø	mm	53-44
1854	Each	228,00

1854A

SCU



Spare abrasives for Art. 1854.

1854A	Each	9,30
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1862

SCU



To grind, profile and dress grinding wheels.
With hard silicon carbide grinding wheel. Gross grade.
With grinding wheel, 22mm hole.

Wheel Ø	mm	90
Wheel width	mm	40
1862	Each	285,00

1862A

SCU



Spare grinding wheels for Art. 1862.

1862A	Each	16,90
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DRESSING ROD TOOLS

1870

SCU



Prod. SCU

Suitable to grind, profile and dress grinding wheels.
Silicon carbide abrasives. Gross grade.

Abrasive Ø	mm	20
Overall length	mm	370
Useful length	mm	200
1870	Each	13,10

1870R

SCU



Spare abrasive, round shape, for manual use.

1870R	Each	5,74
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1871

SCU



Abrasive, square shape, can be used manually.

Square side	mm	20
Overall length	mm	200
1871	Each	6,96

INDUSTRIAL DIAMONDS

1872

SCU



Prod. SCU

Suitable to grind, profile and dress grinding wheels. First choice diamond. Perfect coupling.
Morse taper drive. Total length mm 70.

Size	carat	0,20	0,25	0,30	0,40	0,50	0,60	0,75	0,80
1872	Each	69,40	73,10	76,70	84,10	93,50	103,00	125,00	132,00
Size	carat	1	1,25	1,5	1,75	2	2,5	3	3,5
1872	Each	143,00	168,00	223,00	263,00	296,00	362,00	424,00	482,00

1872A
new

SCU



Product description as Art. 1872

Cylindrical drive Ø 8 mm. Total length mm 80.

Size	carat	0,50	0,75	1
1872A	Each	93,50	125,00	143,00



INTEGRATIONS

Here are **THE SICUTOOLS** that allow distributors and end users to integrate data and content of Sicutool into their ERP and e-shop.

Prices

Available in MS Excel and ASCII format, the Sicutool price list is ready to be imported into the company ERP

► www.sicutool.it/listini

Contents and images

Classifications, descriptions in Italian and English, images, technical data: everything you need to power up the e-shop

Stock and weight

Availability in stock and weight are displayed in real time by Sicutool's web service, which can be integrated into the e-shop

To receive the **kit for your e-shop** (contents, images, stock availability and weight), contact us at www.sicutool.it/contatti.

NEW!

NEW ITEMS GROUP 8



1880GB

Screw-taker, flexible type
▶ P. 552



1881GC

Magnetic screw-taker, flexible type,
plastic handle
▶ P. 553



1881GF-GH

Magnetic screw-taker, flexible type,
metal handle
▶ P. 553



1881GLF

Magnetic screw-taker, telescopic type,
in metal
▶ P. 554



1881GP

Magnetic screw-taker, telescopic type
▶ P. 554



1881N

Magnetic screw-taker, telescopic type,
in metal, with LED light
▶ P. 554



1882GSB

Mirrors, telescopic type
▶ P. 555



1882GSE

Mirrors, telescopic type, with LED light
▶ P. 555



1883GH

Mirrors, telescopic type, oval
▶ P. 556



1883N-NA

Mirrors, type with suction cup
▶ P. 556



1883R-RA

Tool holder trays, magnetic type
in stainless steel
▶ P. 557



1883T-TM

Screw-taker and mirrors in assortment,
professional type
▶ P. 557



1898GA

Screwdrivers for watchmakers and
fine mechanics, professional type,
slotted head ▶ P. 559



1898GE

Screwdrivers for watchmakers and
fine mechanics, professional type,
crosshead ▶ P. 559



1898GL-GM-GP-GR-GT-GV

Set of screwdrivers for watchmakers
and fine mechanics, professional type
▶ P. 559-560



1996GL 2

Socket-holder adapters,
hexagonal male couplings
▶ P. 602



2015GP

Set of 1/4" DIN 3126 drive bits
▶ P. 607



2071B 50

Visor for protection helmets according
to European standards EN 166
▶ P. 612



2089E

Folding trolleys in aluminum and plastic
▶ P. 635



2133LE

Hand hoists, professional chain type
▶ P. 639



2133PA

Hoist-holder trolleys according to
European standards
▶ P. 640



2134

Pliers for sheet metal lifting,
type with standard connection
▶ P. 641



2227B 3E

Knee safety mats in rubber foam
▶ P. 650



2227B 3L

Knee safety mats, mobile type
▶ P. 650



2615

Handles for saws 12 inches long
▶ P. 665

SCREWDRIVERS - PROTECTION AND TRANSPORT ITEMS FOR ROPES AND LIFTING - FILES - HACKSAW FRAMES

All items are in sequence. It's very easy to find them!



Screwdrivers
Mirrors
Endoscopes
Stethoscopes
Bits
Blades

From **1876GP**
To **2040G**



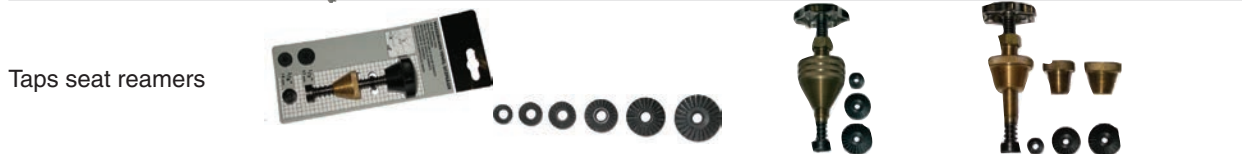
Safety and protection accessories

From **2050**
To **2071ZH**



Tool vests
Tool cases
Tool boxes
Tool holders
Padlocks

From **2071ZL**
To **2093**



Taps seat reamers

From **2098**
To **2101**



Carbine-hooks
Lifting tools

From **2119**
To **2134GR**



Stretchers
Rope fasteners
Redances and eyebolts
Split pins

From **2140G**
To **2165P**



Hydraulic garage jacks
Scissor jacks
Workshop stools
Hydraulic cranes
Jacks

From **2200A**
To **2240G**



Diamond files
Files
File holders
Accessories for files
Rasps

From **2300G**
To **2451G**



Hack saws

From **2599**
To **2650G**



SCREW HOLDING TOOLS

1876GP



Prod. SCU

To place screws in hard-to-access positions. Reinforced slot that can be handled from the base of the blade. Handle in unbreakable plastic and tips in CHROME VANADIUM steel.

Flat tip type.

Blade length	mm	75	100	125	150
Cutting edge width	mm	2,5	3	4	5
1876GP	Each	12,70	13,20	16,20	18,60

1876GR



Product description as Art. 1876GP

PHILLIPS tip type.

Size		0	1	2
Blade length	mm	125	150	175
For screws	M.	2	2-3	3,5-5
1876GR	Each	16,70	19,30	22,30

GRIPPING TOOLS WITH CLIP

1880E



Prod. SCU

Flexible model, button control, and 4 jaw pliers, with max. grip diameter of 16 mm.

Suitable for retrieving small non-metallic components which are also partly inaccessible.

Total length 345mm.

1880E	Each	18,10
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1880G



Product description as Art. 1880E

Total length 600mm.

1880G	Each	21,20
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1880GB
new

Flexible type, button operated with 3 jaw gripper. With synthetic handle.

Suitable to recover small components, both metallic and non-metallic, from particularly inaccessible areas.

Overall length	mm	500	700
1880GB	Each	20,50	28,70

MAGNET LIFTERS

1880GP
by GEDORE

Orig. Carolus - Art. 4178.50

Socket with 1/4" square female drive.

Brass body.

Particularly suitable to be used in combination with magnetic grip for bits Maximus® XXL Art. 984 GZB 1 and adapter Art. 1991 GR.

Overall length 26mm.

Max lifting	grams	700
1880GP	Each	4,80

Product running out of stock.

1880GR



Orig. Gedore - Art. 640

MINI type, flexible with plastic handle.

Suitable to recover very small objects in confined reas.

Head Ø	mm	4	5
Overall length	mm	400	400
Max lifting	grams	120	270
1880GR	Each	9,34	9,24



Flexible type with plastic handle. Permanent magnet end fitting.
Suitable for the recovery of small objects in particularly inaccessible places.

Head Ø	mm	9	15	19
Overall length	mm	460	520	520
Max lifting	grams	500	1800	3000
1880GT	Each	48,70	61,90	89,20

GEDORE 1880GT



Prod. SCU

Product description as Art. 1880GT

Art.		1881G	1881GB
Overall length	mm	520	540
Flexible length	mm	425	355
Head Ø	mm	8	14
Max lifting	grams	700	2250
Each		20,20	30,20

SCU 1881G 1881GB



Product description as Art. 1880GT

Head Ø	mm	9	12	15	16
Overall length	mm	470	510	510	510
Max lifting	grams	500	1000	2000	3000
1881GC	Each	12,30	14,10	15,60	17,30

SCU 1881GC *new*



Orig. Peddinghaus - Art. 9601300001

Product description as Art. 1880GT

Head Ø	mm	18
Overall length	mm	500
Max lifting	grams	3000
1881GE	Each	24,50

PEDDINGHAUS 1881GE



Prod. SCU

Flexible type and anti-slip knurled metal handle. Permanent magnet end fitting and ultra-light front and side LED light. Operation with 2 AA alkaline batteries (Art. SCU 3600 E), supplied. Suitable to recover small items in particularly hard-to-access positions.

Head Ø	mm	10
Overall length	mm	595
Max lifting	grams	900
1881GF	Each	41,90

SCU 1881GF *new*



Product description as Art. 1881GF

With clip-on mirror Ø 40 mm.

Head Ø	mm	10
Overall length	mm	685
Max lifting	grams	900
1881GH	Each	50,10

SCU 1881GH *new*



**1881GLC** **Orig. Peddinghaus - Art. 9601070001**

Telescopic model, pocket size, with fixed clip and magnet, entirely made of metal.
Length closed/open 125/630 mm.

Head Ø	mm	8
Max lifting	grams	700
1881GLC	Each	6,60

1881GLE **Prod. SCU**

Telescopic pocket model, with clip and magnetic fitting, all-metal construction.
Closed/open length 142/650 mm.

Head Ø	mm	11
Max lifting	grams	900
1881GLE	Each	25,10

1881GLF *new*

Telescopic pocket model, with clip and magnetic fitting, all-metal construction and satin handle.
Closed/open length 130/645 mm.

Head Ø	mm	10
Max lifting	grams	1500
1881GLF	Each	9,02

1881GP *new*

Telescopic type, with clip and fixed magnet, with non-slip grip.

Type		1	2	3	5
Head Ø	mm	10	15	18	18
Max lifting	grams	1000	2000	3000	5000
Length closed/open	mm	170/875	170/880	170/765	170/760
1881GP	Each	12,30	13,20	14,40	16,10

1881N *new*

Telescopic pocket model, with clip and magnetic fitting, with ultra-light front and side LED light with automatic shut-off when closed. Completely in metal. Operation with 3 alkaline batteries type L736F, supplied.

Closed/open length 165/665 mm.

Head Ø	mm	10
Max lifting	grams	1000
1881N	Each	18,90

1882GP 

Telescopic model, pocket execution, with jointed magnet and non-slipping handle.
Length (closed/open): 140/645mm.

Head Ø	mm	12
Max lifting	grams	1000
1882GP	Each	22,70

1882GPA 

con potente led

Telescopic model with jointed magnet and non-slipping handle.

Permanent magnet end fitting and white LED light (it lights up by turning the end part of the black ring nut). Operation with button batteries.

Suitable to recover small objects in very confined and dark areas.

Open/closed length: 170/830mm.

Head Ø	mm	15
Max lifting	grams	3400
1882GPA	Each	57,40

1882GPA 5 **Orig. Peddinghaus - Art. 9604030LED**

Telescopic model with a magnet on the bottom of the handle for an optimal positioning of light.
Knurled metal body.

Terminal articulated with permanent magnet and 3 white LEDs that light up via push-button switch. With clips.

Operation with four LR 44 alkaline batteries (Art. SCU 3600 A), supplied.

Suitable for the recovery of small objects in particularly inaccessible and dark places.

Length closed/open 180/560 mm.

Head Ø	mm	21
Max lifting	grams	2000
1882GPA 5	Each	24,50



MAGNETIC SCREW FINDERS WITH MIRROR

Prod. SCU

Telescopic model with large sized fixed magnet, non-slip handle, combined with large articulated retractable mirror with a diameter of 56 mm. Open/closed length without mirror 215/770 mm. Total length 100 mm.

Head Ø	mm	20
Max lifting	grams	7250
1882GPB	Each	75,10

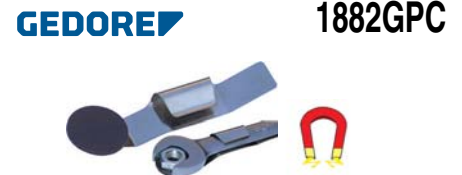


MINI-SUPPORTS FOR BOLTS

Orig. Gedore - Art. 637

Spring-supports with magnet to be applied to fixed or combination wrenches with 10 to 19mm opening. Ideal to hold bolts in hard-to-access places while screwing. Overall length 78mm.

1882GPC	Each	9,22
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Orig. Gedore - Art. 639

Ideal to hold bolts from M3 to M8 and possible washers in hard-to-access places while screwing. In synthetic material, length: 110mm.

1882GPE	Each	9,00
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MIRRORS WITH MAGNET

Prod. SCU

Fixed model with jointed mirror Ø 32mm and magnet Ø 5mm (lifting capacity 500g) placed at the handle extremity. Length (closed/open): 190/695mm. Completely made of metal.

1882GRE	Each	29,70
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TELESCOPIC MIRRORS

Prod. SCU

Telescopic model with jointed mirror Ø 56mm, white light LED (the on/off-switch is on the back of the mirror), non-slipping, bicomponent handle. Operation with lithium batteries Art. 3600 R, supplied.

1882GRF	Each	52,40
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Telescopic model, pocket execution, with clip and jointed mirror Ø 32mm. Length (closed/open): 165/485mm. Full metal finish.

1882GS	Each	12,10
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Telescopic model, pocket execution, with clip and jointed mirror Ø 40 mm. Length (closed/open): 188/538 mm. Full metal finish.

1882GSB	Each	12,80
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Telescopic pocket model with LED light, clip and detachable Ø 40 mm mirror. Completely in metal. Length closed / open 245/735 mm. Operation with 3 alkaline batteries type L736F, supplied.

1882GSE	Each	34,10
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Orig. Peddinghaus - Art. 9602300001

Telescopic model, with clips and articulated mirror Ø 30 mm, non-slip handle. Length closed open 120/480 mm.

1882GV	Each	6,68
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**1883G****SCU****Prod. SCU**

Telescopic model, with clip and jointed mirror Ø 32mm. Non-slipping handle. Length (closed/open): 210/885mm.

1883G Each **32,80****1883GB****SCU**

Telescopic model with jointed mirror Ø 56mm and plastic handle. Open/closed length: 265/370mm.

1883GB Each **17,10****1883GC****SCU**

Telescopic model with 87x53 mm articulated rectangular mirror and plastic handle. Open/closed length 285/400 mm.

1883GC Each **25,20****1883GD****SCU**

Telescopic model, plastic handle. Rectangular jointed model 87x53mm. Length (closed/open): 435/690mm.

1883GD Each **36,80****1883GH***new***SCU**

Telescopic pocket model with clip and oval articulated 25x50 mm mirror. Completely in metal. Length closed / open mm 196/546.

1883GH Each **14,10****1883GP****SCU**

Flexible model with mirror Ø 56mm and anti-slip handle. Total length: 810mm.

1883GP Each **38,80****1883N***new***SCU**

Type with suction cup and articulated Ø 60 mm mirror. Metal body. Length 125 mm.

1883N Each **19,30****1883NA***new***SCU**

Type with suction cup and articulated Ø 55 mm mirror with 5x magnification. Metal body. Length 120 mm.

1883NA Each **23,80**



PORTAMINUTERIE TANKS

Prod. SCU

Magnetic stainless steel model. To collect small parts in iron and steel without the possibility of falling thanks to the powerful magnet. Magnetic base covered in anti-scratch rubber.
Ø mm 150x40.

1883R Each **10,50**

SCU

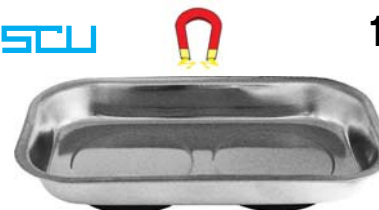


1883R
new

Magnetic stainless steel model. To collect small parts in iron and steel without the possibility of falling thanks to the powerful magnets. Magnetic base covered in anti-scratch rubber.
Rectangular shape mm 240x140x43h.

1883RA Each **20,30**

SCU



1883RA
new

SET OF SCREW-TAKER AND MIRRORS

Prod. SCU

Professional inspection kit with 1/4 "C 6.3 hexagonal drive components.

Composition:

- 1 telescopic handle with non-slip handle, closed / open length mm 180/660
- 1 magnetic screw-taker insert
- 1 ultra clear LED light insert
- 1 articulated mirror insert Ø mm 60
- 1 rectangular mirror insert mm 64x42
- 3 alkaline batteries type L1154F for driving LED light.
- Assortment of 8 pcs. in plastic case.

1883T Each **82,00**

SCU



1/4"

1883T
new



Professional inspection kit.

Set:

- 1 telescopic non-slip handle, closed / open length mm 180/660
- hexagon socket 1/4 "C 6,3
- 1 magnetic take-up bit with hexagonal 1/4" C 6,3 drive
- 1 ultra clear LED light insert, hexagonal 1/4 "C 6,3 drive
- 1 articulated mirror insert Ø 50 mm, hexagonal 1/4" C 6,3 drive
- 1 rectangular mirror insert mm 64x42, hexagonal 1/4 "C 6,3 drive
- 1 flexible take-up bit with push-button, 3-jaw tweezers and synthetic T-shaped handle
- 1 magnetic 110mm stainless steel holder for small parts with anti-scratch magnetic base
- 3 alkaline batteries type L1154F for operating the LED light.
- Set of 10 pcs. in plastic case.

1883TM Each **118,00**

SCU



1/4"

1883TM
new



ENDOSCOPES

Orig. MIB - Art. 01005104

Professional portable video monitoring system for visually inspecting mechanical parts for cars and machinery, plumbing, drains, pipes, electrical conduit, etc.

- 3.5" TFT liquid crystal display.
- Image resolution of 7680 pixels (320x240).
- Probe length of 1 metre.
- Object diameter of 9 mm.
- Digital zoom (1x-2x)
- Viewing angle range from 0° to 180°.
- Max. card capacity of 8GB.
- Powered by one 9 V (Art.3600 M), not supplied.
- Adjustable LED light.

1884GZA Each **435,00**

MIB
MESSZEUGE
GERMANY

1884GZA



**1884GZE** SCU**Prod. SCU**

Professional portable video monitoring system for visually inspecting mechanical parts for cars and machinery, plumbing, drains, pipes, electrical conduit, etc. Has the ability to record video material and take pictures during inspections, can amplify tool potential and increase the versatility of its range.

3.2" TFT liquid crystal display.

image resolution of 7680 pixels (320x240).

probe length of 1 metre.

Object diameter of 17 mm.

Viewing angle range from 0° to 180°.

Max. card capacity of 8GB.

Powered by one 3.7 V / 2,000 mA lithium battery.

High brightness and 10 adjustable LED light settings. USB port, connection to TV-OUT.

Dimensions: 240x160x100 mm. Weight 584 Kg.

1884GZE Each **676,00**

STETHOSCOPES FOR MECHANICS**1885A**

SCU

**Prod. SCU**

Professional, especially suitable for garages, for listening to noises, hisses, etc. in engines, transmissions, gears, bearings, etc.

Length approx. 1100 mm.

1885A Each **50,30**

SCREWDRIVERS - EXTRA LONG**1885G**

SCU

**Prod. SCU - Orig. Plasdammit**

Especially suited to radio-TV-electric service.

CHROME-VANADIUM blade.

Plastic handle.

With insulated blade.

Blade length mm **250**

Cutting edge width mm **4**

1885G Each **12,10**

Product running out of stock.

FIBER OPTICS TOOLS SETS**1891G**

SCU

**Prod. SCU - Orig. Plasdammit**

4-tools set supplied in handy package. Through fiber optics transmission, allow to operate in very confined areas. Suitable to electrotechnics, repairers as well as to electronics, fine mechanics, etc.

Each set consists of:

1x torch with lamp and threaded drive for rods.

Operated with 2 x 1.5 V batteries.

1 x rod bent at 114°.

1 x straight rod with magnet.

1 x straight rod with magnified mirror Ø 24mm

Assorted set of 4 pieces supplied in wallet.

1891G Each **44,10**

Product running out of stock.

SCREWDRIVERS FOR WATCHMAKERS AND FINE MECHANICS**1895G**

SCU

**Prod. SCU**

Professional model.

Body made from synthetic resin. MOLYBDENUM-VANADIUM steel blade, hardened.

With flat tip. Total length 104mm.

Cutting edge width mm **1** **1,4** **1,8** **2,5** **3**

Blade thickness mm **0,20** **0,25** **0,30** **0,40** **0,50**

1895G Each **4,02** **4,02** **4,02** **4,02** **4,02**

1895GE

SCU



Product description as Art. 1895G

With cross-slotted tip. Total length 104mm.

Tip Ø mm **2** **2,5** **3**

Ph size mm **000** **00** **0**

1895GE Each **4,02** **4,02** **4,02**



Professional model.
Body made from synthetic resin. CHROME VANDIUM steel blade, hardened.
With TORX tip. Total length 104 mm.

TORX size	T	1	2
1895GL	Each	8,04	7,72

For other TORX sizes see Art. 982 RVE and 1912 GD.



5 piece screwdriver set as for Art. 1895 G 1 - 1.4 - 1.8 - 2.5 - 3 mm.
In plastic casing.

1896G	Series	26,80
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3 piece screwdriver set as for Art. 1895 GE 2 - 2.5 - 3 mm.
In plastic casing.

1896GE	Series	19,20
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New professional line also suitable for optics and electronics.
Finely machined aluminum body with knurled gripping point. Rotating head and finger tip cavity for quick and precise screwing. Fixed blade in MOLIBDENUM-VANADIUM steel, tempered.

Flat-tipped.

Cutting edge width	mm	0,6	0,8	1	1,2	1,4	1,5	1,8
Blade thickness	mm	0,15	0,19	0,20	0,25	0,25	0,23	0,30
Overall length	mm	80	80	80	84	84	84	100
1898GA	Each	4,96	4,96	4,96	4,96	4,96	4,96	5,00

Cutting edge width	mm	2	2,3	2,5	3	3,5
Blade thickness	mm	0,40	0,30	0,40	0,50	0,60
Overall length	mm	100	100	100	112	112
1898GA	Each	5,00	5,00	5,00	5,46	5,46



Product description as Art. 1898GA

Cross-tipped.

Tip Ø	mm	1,5	2	2,5	3	3,5
Ph size	mm	0000	000	00	0	1
Overall length	mm	84	100	100	112	112
1898GE	Each	4,96	5,00	5,00	5,46	5,46



Set of 6 screwdrivers Art. 1898 GA mm 1 - 1.5 - 2- 2.5 - 3 - 3.5.
In wooden case.

1898GL	Series	42,90
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Set of 6 screwdrivers Art. 1898 GA mm 1 - 1.5 - 2- 2.5 - 3 - 3.5.
In plastic package.

1898GM	Series	30,84
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1898GP
new



Set of 6 screwdrivers Art. 1898 GA from mm 0.6 - 0.8 - 1 - 1.5 - 1.8 - 2.3.
In a plastic package.

1898GP Series **29,84**

1898GR
new



Set of 4 screwdrivers Art. 1898 GE from mm 1,5 - 2 - 2,5 - 3.
In wooden case.

1898GR Series **31,10**

1898GT
new



Set of 4 screwdrivers Art. 1898 GA 1 - 1.5 - 1.8 - 2.3 and 2 screwdrivers Art. 1898 GE from mm 2
In wooden case.

1898GT Series **54,18**

1898GV
new



Product description as Art. 1898GT
In a plastic bag.

1898GV Series **30,38**

1900G



Professional type.
Metal body. Hardened MOLYBDENUM-VANADIUM steel blade.
Flat-tipped.

Cutting edge width	mm	0,6	0,8	1	1,2	1,5	1,8	2
Body Ø	mm	4	4	4	4	4	6	6
1900G	Each	2,44	2,44	2,44	2,44	2,44	2,70	2,70
Cutting edge width	mm	2,3	2,5	2,9	3	3,5	3,6	
Body Ø	mm	6	6	8	8	8	8	
1900G	Each	2,70	2,70	3,14	3,14	3,14	3,14	

Product running out of stock.

1900GE



Product description as Art. 1900G
Cross-tipped.

Tip Ø	mm	1,5	2	2,5	3	3,5
Ph size		0000	000	00	0	1
1900GE	Each	2,56	2,52	2,70	3,10	3,18

Product running out of stock.



SCREWDRIVERS WITH INTERCHANGEABLE BLADE

Prod. SCU

In aluminium. 4 x 1.5 - 2 - 2.5 - 3mm flat blades made from hardened MOLYBDENUM-VANADIUM steel.

Length: 115mm.

1902G Each **9,48**

Spare cutting blades for Art. 1902 G - 1902 GA.

Cutting edge width	mm	1,5	1,8	2	2,5	3	3,5
O1902G	Each	1,10	1,10	1,10	1,10	1,10	1,10

SCU

1902G



In unbreakable plastic material. Nickel-plated brass clamp. 4 x 1.5 - 2 - 2.5 - 3 mm flat blades in MOLYBDENUM-VANADIUM steel. Length: 135mm.

1902GA Each **9,76**

SCU

1902GA



PRECISION TOOLS SETS

Prod. SCU

In metal.

Suitable for electronics, watchmaking and optics.

6-tools set:

2 x cross blade screwdriver size 0 - 1

4 x 1.4 - 2 - 2.4 - 3mm straight blade screwdriver.

Supplied in plastic wallet.

1903GC Series **2,66**

SCU

1903GC



Product description as Art. 1903GC

16-tools set:

1 set of 4 cross blade screwdrivers size 000-00-0-1

1 set of 3 screwdrivers for Allen screws size 1.5 - 2 - 2.5mm

1 set of 3 screwdrivers (shrouded blade) size 3 - 4 - 5mm

1 set of 6 flat blade screwdrivers size 0.8 - 1.4 - 2 - 2.4 - 2.9 - 3.5mm.

In plastic case.

1903GM Series **8,18**

SCU

1903GM



MAIN TESTER

Prod. SCU

With light indicator. Blade in special steel, nickel plated.

Handle in insulated plastic material.

Voltage 6 to 24 Volts.

Overall length mm 120

Blade length mm 45

Cutting edge width mm 3

1905G Each **1,26**

SCU

1905G



CAR LIGHT TESTER

Prod. SCU

With light indicator. Blade in special steel, nickel plated.

Handle in insulated plastic material.

Used to test light circuits, voltage 6 to 24 Volts.

Supplied with cable and clamp.

Overall length mm 110

Blade length mm 45

Cutting edge width mm 3

1906G Each **2,12**

For tester for scar see Art. 4482 GR-T.

SCU

1906G



CAR LIGHT TESTER

Prod. SCU

2 screwdrivers with light indicator.

Blade in special steel. Handle in insulated plastic material.

Each set consists of:

1 x screwdriver for car spark plug

1 x phase-detecting screwdriver with clip for 6-24 Volts.

1906GS Each **3,42**

SCU

1906GS





VOLTAGE TESTERS

1907G

SCU



Prod. SCU

With light indicator.

Handle in insulated plastic material. Blade in nickel-plated special steel, insulated.

For all voltages between 100-500 V.

With clip.

Overall length mm 120

Cutting edge width mm 3

1907G Each **1,00**

1907GA

SCU



Product description as Art. 1907G

With clip.

Overall length mm 140

Cutting edge width mm 3

1907GA Each **1,00**

1907GB

SCU



Product description as Art. 1907G

Overall length mm 190

Cutting edge width mm 4

1907GB Each **1,54**

1907GL

SCU



Highly insulated model. With light indicator. Handle in insulated plastic material. Blade in nickel-plated special steel, insulated. For all voltages between 120-250 V.

With clip.

Overall length mm 140

Cutting edge width mm 3

1907GL Each **1,14**

1907GP

SCU



Product description as Art. 1907GL

Overall length mm 190

Cutting edge width mm 3,5

1907GP Each **1,70**

1907GT

SCU



Highly insulated model according to VDE norms. With light indicator.

Blade in nickel-coated special steel.

For all voltages between 125-250 V and frequencies between 50-500 Hz.

With clip.

Overall length mm 150

Cutting edge width mm 3

1907GT Each **2,26**

1907GV

SCU



Product description as Art. 1907GT

With clip.

Overall length mm 190

Cutting edge width mm 3

1907GV Each **2,76**

1908GE

SCU



Digital model. Dial direct reading of 5 different voltages.

Suitable for voltages from 12 to 250 V.

Overall length mm 160

Blade length mm 15

Cutting edge width mm 3

1908GE Each **12,30**



With multiple functions and LED light. Comes with 3 alkaline button cells, interchangeable, allowing for use independent from the mains. Suitable for research without contact of cables with AC voltage from 70 to 250 V. Evaluation of external conductors, neutral conductors and ground conductors in the outlets. Continuity check from 0-5 MOhm, for example in fuses, bulbs, etc. Polarity check for example in batteries, DC from 3 to 36 V. Can also be used as a torch thanks to the extra-bright LED. With clip.

SCU

1908GL



Overall length	mm	145
Blade length	mm	15
Cutting edge width	mm	3
1908GL	Each	23,10

Orig. Gedore - Art. V 2160 MS PH

Contactless voltage tester, equipped with integrated sensor for magnetic fields. Voltage indicated by red light and magnetic field by green light. The magnetic field probe checks the functionality of switches and solenoid valves without disconnecting the switch. The device detects both permanent and alternating magnetic fields. Ergonomic grip, three-component. Molybdenum-Vanadium steel blade, GEDORE-PLUS, tempered, insulated up to 1000 V.

GEDORE



1908GT



Overall length	mm	210
Blade length	mm	100
Blade impression	PH	2
For screws	M.	3,5-5
1908GT	Each	47,90

COMBINED SCREWDRIVERS

Prod. SCU

Interchangeable blades in steel, nickel-plated. Unbreakable plastic handle with twist-off cap and brass terminal. Pocket type. Blades Ø 4.5 mm, length 70 mm.

Composition:

- 1 handle with clamp, length 115 mm
- 3 straight blades, cutting width mm 3 - 4.5 - 6
- 1 Cross blade PH 1
- 1 small auger
- 2 awls

SCU

1909GE



1909GE	Each	5,50
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REVERSIBLE SCREWDRIVERS

Prod. SCU

Model with bayonet connector. Handle in unbreakable plastic material. Combination blades in special steel, zinc finish. Blade dimensions: 60x6mm. Handle: 90x21mm. 6mm flat blade and PH 2 blade.

SCU

1910GA



1910GA	Each	2,38
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Supplied in 20-pcs packing.

Orig. Witte - Art. 84302

Product description as Art. 1910GB PH 1 and PH 2 blades.

WITTE WERKZEUGE

1910GE



1910GE	Each	4,36
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Supplied in 10-pcs packing. Product running out of stock.

Orig. Witte - Art. 84305

Product description as Art. 1910GB PZ 1 and PZ 2 blades.

WITTE WERKZEUGE

1910GF



1910GF	Each	6,66
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Supplied in 10-pcs packing. Product running out of stock.



SHORTENED SCREWDRIVERS WITH REVERSIBLE BLADE

1910GP

SCU



Prod. SCU

Type with bayonet mount. Shatterproof plastic handle. Combined blades in special, galvanized steel. Blades size mm 80x6. Handle 50x28 mm. Blades with 6 mm and Phillips PH 2 tips.

In boxes of 20 pieces.

1910GP Each **1,76**

MINI-SCREWDRIVER SETS

1910GV

SCU



Prod. SCU

Set of 60 mini screwdriver.

Nickel blades. Transparent plastic handle. Plastic holder.

Total length 85 mm, blade length 40 mm, blade diameter 2 mm, blade width 2.5 mm.

20 pcs. each with red, green and yellow handles, .

1910GV Each **24,90**

1910GZ

SCU



Product description as Art. 1910GV

Handles length 60 mm

20 pcs. with blade length 40 mm, blade diameter 3 mm, red handle,

20 pcs. with blade length 60 mm, blade diameter 3 mm, yellow handles,

20 pcs. with blade length 80 mm, blade diameter 3 mm, blue handles.

1910GZ Each **28,10**

WITTRON SCREWDRIVERS

1912GA

WITTE
WERKZEUGE



Orig. Witte

Blade in special steel. Chrome plated, matt finish, high precision black blade tips. Ergonomic handle in soft and resistant plastic material, length: 100mm. Performance advantages: antislip, fast turning section, rotating head for screw centering and recess for finger tips.

Flat-tipped model.

Type	40	40A	40B	40C	60	60A	75
Blade length	mm 40	40	40	40	60	60	75
Cutting edge	mm 0,8x0,16	1x0,18	1,2x0,25	1,5x0,3	1,8x0,3	2x0,4	2,5x0,4
Supplier code	89711	89712	89713	89714	89715	89716	89717
1912GA	Each 8,96	8,96	7,66	6,90	6,08	6,08	6,22
Type	75A	100	100A	150	150A	150B	200
Blade length	mm 75	100	100	150	150	150	200
Cutting edge	mm 3x0,5	3,5x0,6	4x0,8	3x0,5	3,5x0,6	4x0,8	4x0,8
Supplier code	89718	89720	89722	89719	89721	89723	89724
1912GA	Each 6,40	6,70	7,56	7,04	7,84	9,44	10,10

Supplied in 10-pcs packing.

1912GB

WITTE
WERKZEUGE



Product description as Art. 1912GA

PHILLIPS-tipped model.

Size	000	00	0	1	1A
Blade	mm 40x2	40x2,5	60x3	80x4,5	150x4,5
For screws	M.	-	2	2-3	2-3
Supplier code	89731	89732	89733	89734	89735
1912GB	Each 9,96	8,66	6,40	7,04	8,46

Supplied in 10-pcs packing.



Product description as Art. 1912GA
POZIDRIV-tipped model.

Size		0	1
Blade	mm	60x3	80x4,5
For screws	M.	2	2,6-3
Supplier code		89741	89742
1912GC	Each	8,96	9,78

Supplied in 10-pcs packing.



Product description as Art. 1912GA
TORX-tipped model.

TORX size	T	5	6	7	8	9	10	15	20
Blade length	mm	50	50	50	60	60	80	80	100
For screws	M.	1,6-2	1,6-2	1,6-2	2,5	3	3	3,5	4
Seal	mm	1,42	1,70	1,99	2,31	2,5	2,74	3,27	3,86
Supplier code		89751	89752	89753	89754	89755	89756	89757	89758
1912GD	Each	9,62	9,62	9,62	9,62	9,62	9,62	9,96	9,96

Supplied in 10-pcs packing.



Product description as Art. 1912GA
Hexagonal head model.

Hexagon	mm	0,7	0,9	1,3	1,5	2	2,5	3
Blade length	mm	40	40	40	50	50	60	60
Supplier code		89761	89762	89763	89764	89765	89766	89767
1912GE	Each	7,96	7,66	6,70	6,40	5,82	5,82	5,62

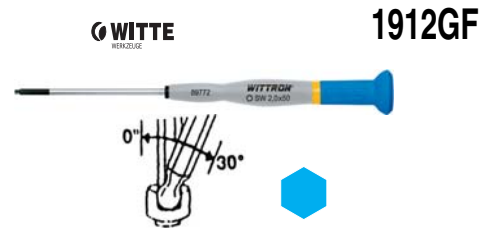
Supplied in 10-pcs packing.



Product description as Art. 1912GA
Hexagonal ball head model.

Hexagon	mm	1,5	2	2,5	3
Blade length	mm	50	50	60	60
Supplier code		89771	89772	89773	89774
1912GF	Each	9,62	8,60	7,96	7,66

Supplied in 10-pcs packing.



Product description as Art. 1912GA
Type with hexagonal socket. Blade length: 60mm.

Hexagon	mm	1,5	1,8	2	2,5	3	3,2	3,5
Supplier code		89781	89782	89783	89784	89785	89786	89787
1912GH	Each	13,90	13,90	13,50	13,50	12,70	12,70	13,70
Hexagon	mm	4	4,5	5	5,5	6		
Supplier code		89788	89789	89790	89791	89792		
1912GH	Each	13,70	13,50	13,50	14,30	14,30		

Supplied in 10-pcs packing.





1912GM
1912GO
1912GR
1912GT
1912GZ



Orig. Witte - Art. 89321

Blade in special steel. Chrome plated, matt finish, high precision black blade tips. Ergonomic handle in soft and resistant plastic material, length: 100mm. Performance advantages: antislip, fast turning section, rotating head for screw centering and recess for finger tips. Assorted set of 7 screwdrivers.

The set contains:

1 pcs. x each Art. 1912 GA x 40A - 40B - 40C - 60 - 60 A - 75 - 75A.
 Supplied in case.

1912GM Each **65,10**

Orig. Witte - Art. 89322

Product description as Art. 1912GM

The set contains:

1 pcs. X each Art. 1912 GA x 40C - 60 A - 75 - 75A
 1 pcs. x each Art. 1912 GB x 00 - 0 - 1.
 Supplied in case.

1912GO Each **64,40**

Orig. Witte - Art. 89323

Product description as Art. 1912GM

The set contains:

1 pcs. x each Art. 1912 GD x T5 - 6 - 7 - 8 - 9 - 10 - 15.
 Supplied in case.

1912GR Each **84,30**

Orig. Witte - Art. 89324

Product description as Art. 1912GM

The set contains:

1 pcs. X each Art. 1912 GE x 0.7 - 0.9 - 1.3 - 1.5 - 2 - 2.5 - 3.
 Supplied in case.

1912GT Each **62,60**

Orig. Witte - Art. 89325

Product description as Art. 1912GM

The set contains:

1 pcs. X each Art. 1912 GH x 2.5 - 3 - 3.2 - 3.5 - 4 - 5 - 5.5.
 Supplied in case.

1912GZ Each **111,00**

WITTRON VDE SCREWDRIVERS

1913GA



Orig. Witte

High insulated model according to VDE 0680, IEC 900 norms up to 1000 V (individually tested at 10.000 V at manufacturer's).

Blade in special steel, non-reflective. Ergonomic handle in soft and resistant plastic material, length: 100mm. Performance advantages: antislip, fast turning section, rotating head for screw centering and recess for finger tip.

Flat-tipped model.

Type		40	60	60A	75	75A
Blade length	mm	40	60	60	75	75
Cutting edge	mm	1,5x0,3	1,8x0,3	2x0,4	2,5x0,4	3x0,5
Supplier code		89935	89931	89932	89933	89934
1913GA	Each	9,78	8,96	9,10	9,10	9,26

Supplied in 10-pcs packing.

1913GB



Product description as Art. 1913GA

PHILLIPS-tipped model.

Size		00	0
Blade	mm	40x2,5	60x3
For screws	M.	-	2
Supplier code		89942	89941
1913GB	Each	11,60	9,26

Supplied in 10-pcs packing.

1913GD



Product description as Art. 1913GA

TORX-tipped model.

TORX size	T	5	6	7	8	9	10	15
Blade length	mm	40	40	40	60	60	60	75
For screws	M.	1,6	2	2,5	2,5	3	3	3,5
Seal	mm	1,42	1,70	1,99	2,31	2,5	2,74	3,27
Supplier code		89921	89922	89923	89924	89925	89926	89927
1913GD	Each	12,50	12,50	12,50	12,50	12,50	12,50	13,10

Supplied in 10-pcs packing.

8



Orig. Witte - Art. 89367

High insulated model according to VDE 0680, IEC 900 norms up to 1000 V (individually tested at 10.000 V at manufacturer's).

Blade in special steel, non-reflective. Ergonomic handle in soft and resistant plastic material, length: 100mm. Performance advantages: antislip, fast turning section, rotating head for screw centering and recess for finger tip.

Assorted set of 7 screwdrivers.

The set contains:

1 pcs. X each Art. 1913 GA x 40 - 60 - 60A - 75 - 75A

1 pcs. x each Art. 1913 GB x 00 - 0.

Supplied in case.

1913GF	Each	83,50
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Orig. Witte - Art. 89368

Product description as Art. 1913GF

The set contains:

1 pcs. X each Art. 1913 GD x 5 - 6 - 7 - 8 - 9 - 10 - 15.

Supplied in case.

1913GH	Each	105,00
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1913GF
1913GH



ESD CONDUCTIVE SCREWDRIVERS

Orig. Witte

Blade in special steel, non-reflective. Ergonomic handle in plastic material highly resistant to normal and residual current, length: 100mm. Performance advantages: antislip, fast turning section, rotating head for screw centering and recess for finger tip.

Particularly suitable for electronic circuits.

PHILLIPS-tipped model.

Size		0	1
Blade length	mm	60	80
For screws	M.	2	2-3
Supplier code		89433	89434

1915GB	Each	7,16	7,74
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Supplied in 10-pcs packing.
Product running out of stock.



1915GB



Product description as Art. 1915GB

TORX-tipped model.

TORX size	T	5	6	7	8	9	10	15
Blade length	mm	50	50	50	60	60	80	80
For screws	M.	1,6-2	1,6-2	1,6-2	2,5	3	3	3,5
Seal	mm	1,42	1,70	1,99	2,31	2,5	2,74	3,27
Supplier code		89451	89452	89453	89454	89455	89456	89457

1915GE	Each	10,80	10,80	10,80	10,80	10,80	10,80	11,10
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Supplied in 10-pcs packing.
Product running out of stock.



1915GE



VDE "MAXXPRO" SCREWDRIVERS

Orig. Witte

Professional line for high performance screwdrivers. Anatomic, triangle shape, antislip handle obtained combining rigid and soft plastic materials. Finest high alloy special steel blades with strong insulation according to DIN EN 60900 norms up to 1000 V (individually tested at 10.000 V at manufacturer's).

Tested up to a temperature of -40° C (mark C), VDE MAXXPRO screwdrivers resist extreme changes in temperature.

Flat-tipped model (DIN 7437 and ISO 2380).

Type		75	100	100A	100B	125	150	175	200
Blade	mm	75x2,5	100x3	100x3,5	100x4	125x5,5	150x6,5	175x8	200x10
Cutting edge	mm	2,5x0,4	3x0,5	3,5x0,6	4x0,8	5,5x1	6,5x1,2	8x1,2	10x1,6
Handle	mm	103x23	103x23	103x23	107x32	107x32	117x37	127x39	127x39
Supplier code		53701	53702	53703	53704	53705	53706	53707	53708

1921GA	Each	5,98	6,16	6,46	6,82	7,96	10,00	13,70	18,50
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Supplied in 10-pcs packing.



1921GA



Product description as Art. 1921GA

PHILLIPS-tipped model (DIN 7438).

Size		0	1	2	3	4
Blade	mm	60x3	80x4,5	100x6	150x8	200x10
For screws	M.	2	2-3	3,5-5	5,5-7	8-10
Handle	mm	103x23	107x32	117x37	127x39	127x39
Supplier code		53710	53711	53712	53713	53714

1921GB	Each	6,20	7,34	9,36	13,90	20,50
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Supplied in 10-pcs packing.



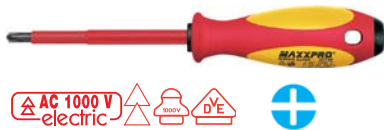
1921GB



When running out of stock, Orig. Witte screwdrivers will be supplied with handles and packs in different colors.



1921GC

WITTE
WERKZEUGE

Product description as Art. 1921GA

PHILLIPS-tipped and flat-tipped combined model (MODUL).

Size		1	2
Blade	mm	80x4,5	100x6
For screws	M.	2-3	3,5-5
Handle	mm	107x32	117x37
Supplier code		53741	53742
1921GC	Each	8,16	9,96

Supplied in 10-pcs packing.

1921GE

WITTE
WERKZEUGE

Product description as Art. 1921GA

POZIDRIV-tipped model (ISO 8764).

Size		0	1	2	3	4
Blade	mm	60x3	80x4,5	100x6	150x8	200x10
For screws	M.	2	2-3	3,5-5	5,5-7	8-10
Handle	mm	103x23	107x32	117x37	127x39	127x39
Supplier code		53720	53721	53722	53723	53724
1921GE	Each	7,58	9,06	11,40	15,10	25,20

Supplied in 10-pcs packing.

1921GEM

WITTE
WERKZEUGE

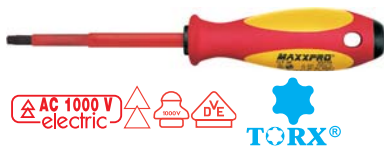
Product description as Art. 1921GA

POZIDRIV-tipped and flat-tipped combined model (MODUL).

Size		1	2
Blade	mm	80x4,5	100x6
For screws	M.	2,6-3	3,5-5
Handle	mm	107x32	117x37
Supplier code		53761	53762
1921GEM	Each	9,64	12,10

Supplied in 10-pcs packing.

1921GF

WITTE
WERKZEUGE

Product description as Art. 1921GA

TORX-tipped model.

TORX size	T	10	15	20	25	30	40	45
Blade	mm	60x3	75x3,5	100x4	100x4,5	100x6	150x8	150x8
For screws	M.	3	3,5	4	5	6	8	8-10
Seal	mm	2,74	3,27	3,86	4,43	5,52	6,65	7,82
Handle	mm	103x23	103x23	107x32	107x32	117x37	127x39	127x39
Supplier code		53731	53732	53733	53734	53735	53736	53737
1921GF	Each	9,44	9,44	10,30	11,30	12,50	13,70	16,80

Supplied in 10-pcs packing.

1921GP

WITTE
WERKZEUGE

Product description as Art. 1921GA

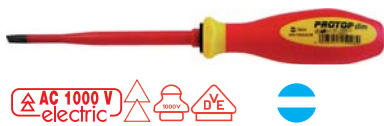
Type with hexagonal socket. (DIN 7445).

Hexagon	mm	6	7	8	9	10	11	12	13
Blade	mm	125x5	125x6	125x6	125x6	125x6	125x8	125x8	125x8
Handle	mm	117x37	117x37	117x37	117x37	117x37	127x39	127x39	127x39
Supplier code		53750	53751	53752	53753	53754	53755	53756	53757
1921GP	Each	20,10	22,20	23,10	24,20	25,60	30,60	32,70	34,90

Supplied in 10-pcs packing.

VDE "PROTOP SLIM" SCREWDRIVERS

1922GB

WITTE
WERKZEUGE

Orig. Witte

Screwdrivers, professional for high-performance, anatomic antislip handle, obtained by the combination of hard and soft plastic. Special high-alloy steel blades with strong insulation according to DIN EN 60900 up to 1000 V (with a single production test to 10,000 V).

TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

Flat-tipped model (DIN 7437 and ISO 2380).

Type		100	100A	125	150
Blade	mm	100x3	100x4	125x5,5	150x6,5
Cutting edge	mm	3x0,5	4x0,8	5,5x1	6,5x1,2
Handle	mm	105x25	105x25	115x34	115x34
Supplier code		76012	76014	76015	76016
1922GB	Each	8,72	9,62	12,10	14,80

In boxes of 10 pieces.



Product description as Art. 1922GB
TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

With PHILLIPS tip (DIN 7438 and ISO 8764).

Size	1	2
Blade	mm 80x4,5	100x6
For screws	M. 2-3	3,5-5
Handle	mm 105x25	115x34
Supplier code	76022	76023
1922GC	Each 10,60	13,30

In boxes of 10 pieces.



Product description as Art. 1922GB
TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

With PHILLIPS tip combined with straight cut (MODUL).

Size	1	2
Blade	mm 80x4,5	100x6
For screws	M. 2-3	3,5-5
Handle	mm 105x25	115x34
Supplier code	76025	76026
1922GD	Each 11,60	14,70

In boxes of 10 pieces.



Product description as Art. 1922GB
TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

With POZIDRIV tip (ISO 8764).

Size	1	2
Blade	mm 80x4,5	100x6
For screws	M. 2-3	3,5-5
Handle	mm 105x25	115x34
Supplier code	76032	76033
1922GF	Each 12,30	15,30

In boxes of 10 pieces.



Product description as Art. 1922GB
TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

With POZIDRIV tip combined with straight cut (MODUL).

Size	1	2
Blade	mm 80x4,5	100x6
For screws	M. 2-3	3,5-5
Handle	mm 105x25	115x34
Supplier code	76035	76036
1922GH	Each 13,70	15,90

In boxes of 10 pieces.



SCREWDRIVERS CONTROLLED UNDER VOLTAGE 1000V

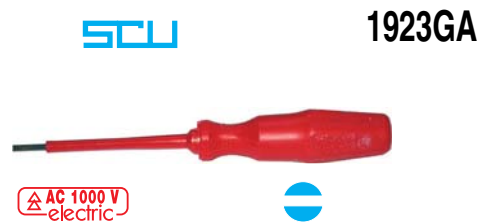
Prod. SCU

Model with ergonomic handle in unbreakable plastic material and blade in special steel insulated up to 1000 V.

Flat-tipped model (DIN 7437).

Blade length	mm	75	100	125	150	175
Blade Ø	mm	2,5	4	5,5	6,5	8
Cutting edge	mm	2,5x0,4	4x0,8	5,5x1	6,5x1,2	8x1,2
Handle	mm	90x25	90x24	90x24	100x27	90x25
1923GA	Each	2,90	3,30	4,02	4,60	5,84

Supplied in 12-pcs packing. When the stocks will be run out, the screwdrivers will be provided with handles in different colors and shape.



Model with ergonomic handle in unbreakable plastic material and blade in special steel insulated according to the norms up to 1000 V.

PHILLIPS-tipped model (DIN 7438).

Size	0	1	2	3	
Blade length	mm	60	80	100	150
For screws	M.	2	2-3	3,5-5	5,5-7
Handle	mm	80x21	90x24	100x27	110x29
1923GE	Each	3,08	3,38	4,06	5,34

Supplied in 12-pcs packing. When the stocks will be run out, the screwdrivers will be provided with handles in different colors and shape.



When running out of stock, Orig. Witte screwdrivers will be supplied with handles and packs in different colors.



SCREWDRIVERS LINE "MAXXPRO"

1932GA

WITTE
WERKZEUGE

Orig. Witte

Professional line for high performance screwdrivers. Anatomic, triangle shape, antislip handle obtained combining rigid and soft plastic materials. Blades in EXTRA CHROME VANADIUM silicon steel, graduation marks. Chrome plated matt finish, high precision black blade tip. With hang up hole.

SCREWDRIVERS FOR ELECTRICIANS (DIN 5264 and ISO 2380)

Type		75	100	125	150	200	300	300A
Blade length	mm	75	100	125	150	200	300	300
Cutting edge width	mm	3	3,5	4	5,5	5,5	4	5,5
Cutting edge thickness	mm	0,5	0,6	0,8	1	1	0,6	1
Handle	mm	103x23	103x23	103x23	107x32	107x32	103x23	107x32
Supplier code		53021	53022	53024	53025	53026	53023	53027
1932GA	Each	4,28	4,70	5,16	6,92	9,06	9,68	12,30

Supplied in 10-pcs packing.

1932GB

WITTE
WERKZEUGE

Product description as Art. 1932GA

PHILLIPS-TIPPED SCREWDRIVERS (DIN 5260/5261 and ISO 8764)

Size		0	1	1L	2	2L	3	4
Blade length	mm	60	80	300	100	300	150	200
Blade Ø	mm	3	4,5	4,5	6	6	8	10
For screws	M.	1,6-2	2-3	2-3	3,5-5	3,5-5	5,5-7	8-10
Handle	mm	103x23	107x32	107x32	117x37	117x37	127x39	127x39
Supplier code		53031	53032	53034	53035	53037	53038	53039
1932GB	Each	4,12	5,16	7,08	6,88	13,90	12,60	21,10

Supplied in 10-pcs packing.

1932GE

WITTE
WERKZEUGE

Product description as Art. 1932GA

PHILLIPS-TIPPED SCREWDRIVERS WITH HEX. RECEPTACLE (DIN 5260/5261 - ISO 8764)

Size		1	2	3
Blade length	mm	80	100	150
Blade Ø	mm	4,5	6	8
Hexagon	mm	6	10	13
For screws	M.	2-3	3,5-5	5,5-7
Handle	mm	107x32	117x37	127x39
Supplier code		53501	53502	53503
1932GE	Each	8,78	11,20	15,90

Supplied in 10-pcs packing.

1932GF

WITTE
WERKZEUGE

Product description as Art. 1932GA

POZIDRIV-TIPPED SCREWDRIVERS (ISO 8764).

Size		0	1	1L	2	2L	3	4
Blade length	mm	60	80	300	100	300	150	200
Blade Ø	mm	3	4,5	4,5	6	6	8	10
For screws	M.	2	2-3	2-3	3,5-5	3,5-5	5,5-7	8-10
Handle	mm	103x23	107x32	107x32	117x37	117x37	127x39	127x39
Supplier code		53041	53042	53044	53045	53047	53048	53049
1932GF	Each	6,06	7,34	14,80	8,50	17,10	14,30	25,20

Supplied in 10-pcs packing.

1932GH

WITTE
WERKZEUGE

Product description as Art. 1932GA

POZIDRIV-TIPPED SCREWDRIVERS WITH HEXAGON RECEPTACLE (ISO 8764)

Size		1	2	3
Blade length	mm	80	100	150
Blade Ø	mm	4,5	6	8
Hexagon	mm	6	10	13
For screws	M.	2-3	3,5-5	5,5-7
Handle	mm	107x32	117x37	127x39
Supplier code		53601	53602	53603
1932GH	Each	11,60	13,10	17,90

Supplied in 10-pcs packing.



Product description as Art. 1932GA

ROUND BLADE - FLAT TIP SCREWDRIVERS (DIN 5263/5264 and ISO 2380)

Type		75	75A	100	100A	100B	125	125A
Blade length	mm	75	75	100	100	100	125	125
Blade Ø	mm	3,5	4	3,5	4	5	5	6
Cutting edge	mm	3,5x0,6	4x0,8	3,5x0,6	4x0,8	5,5x1	5,5x1	6,5x1,2
Handle	mm	103x23	103x23	103x23	103x23	107x32	107x32	117x37
Supplier code		53101	53103	53102	53104	53105	53106	53107
1932GL	Each	4,32	5,06	5,02	4,80	8,34	7,60	9,26

Type		150	150A	175	200
Blade length	mm	150	150	175	200
Blade Ø	mm	6	7	7	8
Cutting edge	mm	6,5x1,2	8x1,2	8x1,6	10x1,6
Handle	mm	117x37	127x39	127x39	127x39
Supplier code		53108	53109	53110	53111
1932GL	Each	8,50	12,50	13,10	14,30

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GL



Product description as Art. 1932GA

ROUND BLADE - FLAT TIP SCREWDRIVERS WITH HEXAGON (DIN 5263/5264 and ISO 2380)

Blade length	mm	100	125	150	175
Blade Ø	mm	5,5	6	8	8
Hexagon	mm	8	10	13	13
Cutting edge	mm	5,5x1	6,5x1,2	8x1,2	10x1,6
Handle	mm	107x32	117x37	127x39	127x39
Supplier code		53011	53012	53013	53014
1932GM	Each	9,44	12,10	16,40	17,70

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GM



Product description as Art. 1932GA

SCREWDRIVERS FOR "TORX" SCREWS

TORX size	T	5	6	7	8	9	10	15
Blade length	mm	60	60	60	60	60	80	80
For screws	M.	1,6-2	1,6-2	1,6-2	2,5	3	3	3,5
Seal	mm	1,42	1,7	1,99	2,31	2,5	2,74	3,27
Handle	mm	103x23	103x23	103x23	103x23	103x23	103x23	103x23
Supplier code		53201	53202	53203	53204	53205	53206	53207
1932GP	Each	6,92	6,08	6,08	6,08	6,08	6,22	6,26

TORX size	T	20	25	27	30	40	45
Blade length	mm	100	100	115	115	115	130
For screws	M.	4	5	5	6	8	8-10
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82
Handle	mm	107x32	107x32	117x37	117x37	127x39	127x39
Supplier code		53208	53209	53210	53211	53212	53213
1932GP	Each	6,68	8,16	8,50	9,16	9,92	12,50

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GP



8

Product description as Art. 1932GA

SCREWDRIVERS FOR "TORX" SCREWS, WITH HANG-UP HOLE

TORX size	T	7	8	9	10	15	20	25
Blade length	mm	60	60	60	80	80	100	100
For screws	M.	1,6-2	2,5	3	3	3,5	4	5
Seal	mm	1,99	2,31	2,5	2,74	3,27	3,86	4,43
Handle	mm	103x23	103x23	103x23	103x23	103x23	107x32	107x32
Supplier code		53303	53304	53305	53306	53307	53308	53309
1932GQ	Each	8,82	8,82	8,82	9,06	9,06	9,20	9,86

TORX size	T	27	30	40	45
Blade length	mm	115	115	115	130
For screws	M.	5	6	8	8-10
Seal	mm	4,99	5,52	6,65	7,82
Handle	mm	117x37	117x37	127x39	127x39
Supplier code		53310	53311	53312	53313
1932GQ	Each	10,10	10,90	12,60	13,80

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GQ





1932GR

WITTE
WERKZEUGE

Product description as Art. 1932GA
SCREWDRIVERS WITH HEXAGONAL SOCKET
Blade length 125mm.

Hexagon	mm	3,5	4	4,5	5	5,5	6	7	8
Handle	mm	107x32	107x32	107x32	107x32	107x32	117x37	117x37	117x37
Supplier code		53401	53402	53403	53404	53405	53406	53407	53408
1932GR	Each	12,10	12,10	12,10	12,10	12,10	12,60	13,30	13,60
Hexagon	mm	9	10	11	12	13	14	17	
Handle	mm	117x37	117x37	127x39	127x39	127x39	127x39	127x39	
Supplier code		53409	53410	53411	53412	53413	53414	53415	
1932GR	Each	14,10	14,90	16,50	17,30	18,20	20,70	22,30	

Supplied in 10-pcs packing.

1932GS

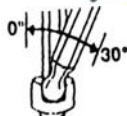
WITTE
WERKZEUGE

Product description as Art. 1932GA
SCREWDRIVERS WITH HEXAGONAL SOCKET
Blade length 200mm.

Hexagon	mm	5	5,5	6	7	8
Handle	mm	117x37	117x37	117x37	117x37	117x37
Supplier code		53081	53082	53083	53084	53085
1932GS	Each	24,90	24,90	24,90	25,60	26,30

Supplied in 10-pcs packing.

1932GT

WITTE
WERKZEUGE

Product description as Art. 1932GA
BALL SCREWDRIVERS FOR ALLEN SCREWS

Hexagon	mm	3	4	5	6	8
Blade length	mm	100	100	100	125	150
Handle	mm	103x23	103x23	107x32	117x37	127x39
Supplier code		53051	53052	53053	53054	53055
1932GT	Each	6,26	7,22	7,96	8,82	12,50

Supplied in 10-pcs packing.

1932GV

WITTE
WERKZEUGE

Product description as Art. 1932GA
SCREWDRIVERS FOR SCREWS WITH INNER SQUARE DRIVE

Size		1	2	3
Blade length	mm	100	125	150
Handle	mm	107x32	107x32	117x37
Blade Ø	mm	4,5	5	6
Supplier code		53061	53062	53063
1932GV	Each	5,84	7,82	9,36

Supplied in 10-pcs packing.

1932GZ

WITTE
WERKZEUGE

Product description as Art. 1932GA
SCREWDRIVERS FOR TRI-WING SCREWS.

Tri-Wing Size		2	3	4	5
Blade length	mm	80	100	100	100
Handle	mm	107x32	107x32	107x32	107x32
Supplier code		53071	53072	53073	53074
1932GZ	Each	19,90	19,90	19,90	19,90

Supplied in 10-pcs packing.

INOX SCREWDRIVERS LINE "MAXXPRO"

1932GZA

WITTE
WERKZEUGE

Orig. Witte

Screwdrivers, professional line for high performance, with stainless steel blades, antistatic, long lasting and high torsion values.

Antislip triangular anatomic handle, obtained by the combination of rigid and soft plastic materials. With hooking hole. Suitable for the manufacture and maintenance of all those products where stainless steel screws must be tightened. In this way it is possible to avoid contamination of metallic slag that could cause rust formation in the screws.

ROUND BLADE - FLAT TIP SCREWDRIVERS

Blade length	mm	75	100	125	150
Blade Ø	mm	3	4	5,5	6,5
Cutting edge	mm	3	4	5,5	6,5
Handle	mm	103x23	103x23	107x32	117x37
Supplier code		73021	73023	73024	73025
1932GZA	Each	7,58	9,28	13,20	16,10

Supplied in 10-pcs packing.



Product description as Art. 1932GZA
PHILLIPS TIP SCREWDRIVERS

Size		1	2	3
Blade length	mm	80	100	150
Blade Ø	mm	4,5	6	8
Handle	mm	107x32	117x37	117x37
Supplier code		73032	73035	73038
1932GZB	Each	9,02	12,40	18,90

Supplied in 10-pcs packing.



Product description as Art. 1932GZA
POZIDRIV TIP SCREWDRIVERS

Size		1	2	3
Blade length	mm	80	100	150
Blade Ø	mm	4,5	6	8
Handle	mm	107x32	117x37	117x37
Supplier code		73042	73045	73048
1932GZF	Each	12,10	15,60	21,40

Supplied in 10-pcs packing.



Product description as Art. 1932GZA
SCREWDRIVERS FOR "TORX" SCREWS

TORX size	T	10	15	20	25	30	40
Blade length	mm	80	80	100	100	115	115
For screws	M.	3	3,5	4	5	6	8
Seal	mm	2,74	3,27	3,86	4,43	5,52	6,65
Handle	mm	103x23	103x23	107x32	107x32	117x37	117x37
Supplier code		73206	73207	73208	73209	73211	73212
1932GZP	Each	10,90	10,90	11,10	11,90	13,40	15,10

Supplied in 10-pcs packing.



SCREWDRIVERS LINE "MAXXPRO"

Orig. Witte

Blade in CHROME VANADIUM steel. Chrome plated matt finish, black blade tips. Anatomic handle in high resistance plastic material. With hang-up hole.

FLAT-TIPPED SCREWDRIVERS, SHORT PATTERN.

Size		1	2	3
Blade	mm	25x4,5	25x6	25x8
Cutting edge	mm	4,5x0,8	6x1	8x1,2
Handle	mm	55x29	55x29	55x29
Supplier code		86991	86992	86993
1933GA	Each	6,54	7,12	7,76

Supplied in 10-pcs packing.



Product description as Art. 1933GA
PHILLIPS-TIPPED SCREWDRIVERS, SHORT PATTERN

Size		1	2
Blade	mm	25x4,5	25x6
For screws	M.	2-3	3,5-5
Handle	mm	55x29	55x29
Supplier code		94261	94262
1933GB	Each	6,88	7,40

Supplied in 10-pcs packing.



Product description as Art. 1933GA
POZIDRIV-TIPPED SCREWDRIVERS, SHORT PATTERN

Size		1	2
Blade	mm	25x4,5	25x6
For screws	M.	2-3	3,5-5
Handle	mm	55x29	55x29
Supplier code		95351	95352
1933GE	Each	6,88	7,40

Supplied in 10-pcs packing.



Prices in EURO . VAT not included

8

When running out of stock, Orig. Witte screwdrivers will be supplied with handles and packs in different colors.



T-HANDLE WRENCHES

1933GZA



Orig. Witte

Professional line for high performance wrenches. T-shaped antislip handle obtained combining rigid and soft plastic materials. Finest high alloy special steel blades, graduation marks. Chrome plated matt finish, high precision black blade tip. With hang up hole.

T-ALLEN HEAD WRENCHES

Single-blade model.

Hexagon	mm	2	2,5	3	4	5	6	8	10
Blade length	mm	100	100	150	150	200	200	200	200
Grip length	mm	95	95	95	95	95	95	120	120
Supplier code		81602	81625	81603	81604	81605	81606	81608	81610
1933GZA	Each	6,08	6,20	6,20	6,42	6,88	7,50	10,90	12,30

Supplied in 10-pcs packing.

1933GZB



Product description as Art. 1933GZA

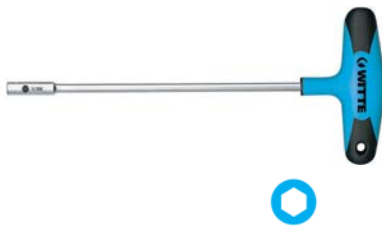
T-ALLEN HEAD WRENCHES

Double-blade model.

Hexagon	mm	2	2,5	3	4	5	6	8	10
Blade length	mm	100	100	150	150	200	200	200	200
Grip length	mm	95	95	95	95	95	95	120	120
Lateral blade length	mm	10	10	15	15	15	15	20	25
Supplier code		81102	81125	81103	81104	81105	81106	81108	81110
1933GZB	Each	10,70	11,10	11,50	12,30	13,50	14,90	20,20	24,40

Supplied in 10-pcs packing.

1933GZE



Product description as Art. 1933GZA

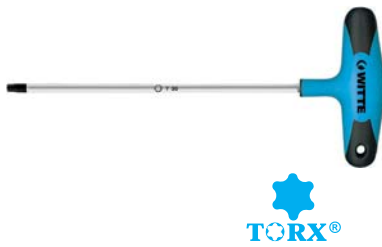
T-HEXAGONAL SOCKET WRENCHES

Single-blade model.

Hexagon	mm	4	4,5	5	5,5	6	7	8
Blade length	mm	200	200	200	200	200	200	200
Grip length	mm	95	95	95	95	95	120	120
Supplier code		81204	81245	81205	81255	81206	81207	81208
1933GZE	Each	13,10	13,10	13,10	13,40	13,60	17,10	17,50
Hexagon	mm	9	10	11	12	13	17	
Blade length	mm	200	200	200	200	200	200	
Grip length	mm	120	120	120	120	120	120	
Supplier code		81209	81210	81211	81212	81213	81217	
1933GZE	Each	18,10	18,20	20,50	20,90	22,10	27,60	

Supplied in 10-pcs packing.

1933GZL



Product description as Art. 1933GZA

T-WRENCHES FOR TORX SCREWS

Single-blade model.

TORX size	T	9	10	15	20	25	27	30
Blade length	mm	100	100	100	100	110	110	130
For screws/seal M/mm		3/2,5	3/2,74	3,5/3,27	4/3,86	5/4,43	5/4,99	6/5,52
Grip length	mm	95	95	95	95	95	95	95
Supplier code		81709	81710	81715	81720	81725	81727	81730
1933GZL	Each	12,40	13,40	13,80	14,80	15,90	16,10	16,70
TORX size	T	40	50					
Blade length	mm	130	130					
For screws/seal M/mm		8/6,65	10/7,82					
Grip length	mm	120	120					
Supplier code		81740	81750					
1933GZL	Each	18,10	24,90					

Supplied in 10-pcs packing.

8



Product description as Art. 1933GZA
T-WRENCHES FOR TORX SCREWS
Double-blade model.

TORX size	T	9	10	15	20	25	27	30
Blade length	mm	100	100	100	100	110	110	130
Lateral blade length	mm	15	15	15	15	15	15	15
For screws/seal M/mm		3/2,5	3/2,74	3,5/3,27	4/3,86	5/4,43	5/4,99	6/5,52
Grip length	mm	95	95	95	95	95	95	95
Supplier code		81409	81410	81415	81420	81425	81427	81430
1933GZP	Each	17,50	18,60	19,20	20,80	22,10	22,40	23,20

TORX size	T	40	50
Blade length	mm	130	130
Lateral blade length	mm	20	25
For screws/seal M/mm		8/6,65	10/7,82
Grip length	mm	120	120
Supplier code		81440	81450
1933GZP	Each	25,10	34,70

Supplied in 10-pcs packing.



Product description as Art. 1933GZA
T WRENCH FOR "XZN" BI-HEXAGONAL SCREWS
Single-blade model.

For screws	M.	4	5	6	8	10
Blade length	mm	110	110	130	130	130
Grip length	mm	95	95	95	120	120
Supplier code		81804	81805	81806	81808	81810
1933GZR	Each	6,84	7,28	8,64	10,70	12,30

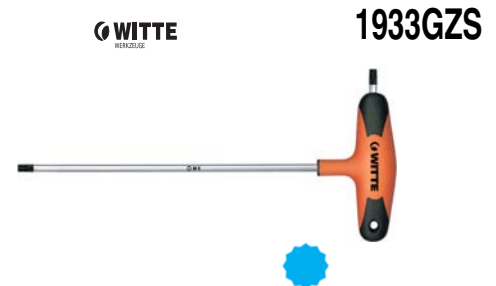
Supplied in 10-pcs packing.
Product running out of stock.



Product description as Art. 1933GZA
T WRENCH FOR "XZN" BI-HEXAGONAL SCREWS
Double-blade model.

For screws	M.	4	5	6	8	10
Blade length	mm	110	110	130	130	130
Lateral blade length	mm	15	15	15	20	25
Grip length	mm	95	95	95	120	120
Supplier code		81504	81505	81506	81508	81510
1933GZS	Each	9,30	9,56	10,40	14,10	15,30

Supplied in 10-pcs packing.
Product running out of stock.



SCREWDRIVERS LINE "MAXXPRO PLUS"

Orig. Witte

Professional line for high performance screwdrivers. Anatomic, triangle shape, antislip handle obtained by combining rigid and soft plastic materials. Equipped with a patented, slip-resistant flocked surface ideal for working also in oily or wet conditions. Blades in EXTRA CHROME VANADIUM silicon steel, graduation marks. Chrome plated matt finish, high precision black blade tip.

With hang up hole.

SCREWDRIVERS FOR ELECTRICIANS (DIN 5264 and ISO 2380)

Type		75	100	125	150	200	300	300A
Blade length	mm	75	100	125	150	200	300	300
Cutting edge width	mm	3	3,5	4	5,5	5,5	4	5,5
Cutting edge thickness	mm	0,5	0,6	0,8	1	1	0,6	1
Handle	mm	103x23	103x23	103x23	107x32	107x32	103x23	107x32
Supplier code		63021	63022	63024	63025	63026	63023	63027
1934GAN	Each	7,08	7,84	8,44	9,58	11,70	13,60	15,10

Supplied in 10-pcs packing.



Product description as Art. 1934GAN
POZIDRIV-TIPPED SCREWDRIVERS (DIN 5260/5261 and ISO 8764)

Size		0	1	1L	2	2L	3	4
Blade length	mm	60	80	300	100	300	150	200
Blade Ø	mm	3	4,5	4,5	6	6	8	10
For screws	M.	1,6-2	2,5-3	2,5-3	3,5-5	3,5-5	5,5-6,3	8-10
Handle	mm	103x23	107x32	107x32	117x37	117x37	127x39	127x39
Supplier code		63041	63042	63044	63045	63047	63048	63049
1934GCN	Each	7,96	10,10	16,80	13,10	21,50	18,10	28,60

Supplied in 10-pcs packing.



When running out of stock, Orig. Witte screwdrivers will be supplied with handles and packs in different colors.



1934GCR

WITTE
Werkzeuge



Product description as Art. 1934GAN
POZIDRIV-TIPPED SCREWDRIVERS WITH HEXAGON RECEPTACLE (ISO 8764)

Size		1	2	3
Blade length	mm	80	100	150
Blade Ø	mm	4,5	6	8
Hexagon	mm	6	10	13
For screws	M.	2-3	3,5-5	5,5-7
Handle	mm	107x32	117x37	127x39
Supplier code		63601	63602	63603
1934GCR	Each	12,40	16,10	21,10

Supplied in 10-pcs packing.

1934GDN

WITTE
Werkzeuge



Product description as Art. 1934GAN
PHILLIPS-TIPPED SCREWDRIVERS (DIN 5260/5261 and ISO 8764).

Size		0	1	1L	2	2L	3	4
Blade length	mm	60	80	300	100	300	150	200
Blade Ø	mm	3	4,5	4,5	6	6	8	10
For screws	M.	1,6-2	2-3	2-3	3,5-5	3,5-5	5,5-7	8-10
Handle	mm	103x23	107x32	107x32	117x37	117x37	127x39	127x39
Supplier code		63031	63032	63034	63035	63037	63038	63039
1934GDN	Each	6,92	8,72	14,80	11,10	20,20	16,40	25,40

Supplied in 10-pcs packing.

1934GEP

WITTE
Werkzeuge



Product description as Art. 1934GAN
PHILLIPS-TIPPED SCREWDRIVERS WITH HEX. RECEPTACLE (DIN 5260/5261 - ISO 8764)

Size		1	2	3
Blade length	mm	80	100	150
Blade Ø	mm	4,5	6	8
Hexagon	mm	6	10	13
For screws	M.	2-3	3,5-5	5,5-7
Handle	mm	107x32	117x37	127x39
Supplier code		63501	63502	63503
1934GEP	Each	11,10	14,20	19,80

Supplied in 10-pcs packing.

1934GFN

WITTE
Werkzeuge



Product description as Art. 1934GAN
SCREWDRIVERS, ROUND BLADE - FLAT-TIP (DIN 5264 and ISO 2380).

Type		75	75A	100	100A	100B	125	125A
Blade length	mm	75	75	100	100	100	125	125
Blade Ø	mm	3,5	4	3,5	4	5	5	6
Cutting edge	mm	3,5x0,6	4x0,8	3,5x0,6	4x0,8	5,5x1	5,5x1	6,5x1,2
Handle	mm	103x23	103x23	103x23	103x23	107x32	107x32	117x37
Supplier code		63101	63103	63102	63104	63105	63106	63107
1934GFN	Each	7,64	8,16	8,10	8,64	11,40	11,80	12,80
Type		150	150A	175	200			
Blade length	mm	150	150	175	200			
Blade Ø	mm	6	7	7	8			
Cutting edge	mm	6,5x1,2	8x1,2	8x1,6	10x1,6			
Handle	mm	117x37	127x39	127x39	127x39			
Supplier code		63108	63109	63110	63111			
1934GFN	Each	14,10	16,40	16,80	20,50			

Supplied in 10-pcs packing.

1934GLN

WITTE
Werkzeuge



Product description as Art. 1934GAN
SCREWDRIVERS WITH FLAT-TIP AND HEXAGON RECEPTACLE (DIN 5264 and ISO 2380)

Blade length	mm	100	125	150	175
Blade Ø	mm	5,5	6	8	8
Hexagon	mm	8	10	13	13
Cutting edge	mm	5,5x1	6,5x1,2	8x1,2	10x1,6
Handle	mm	107x32	117x37	127x39	127x39
Supplier code		63011	63012	63013	63014
1934GLN	Each	12,60	16,10	18,40	19,70

Supplied in 10-pcs packing.

8



Product description as Art. 1934GAN
SCREWDRIVERS FOR TORX SCREWS.

TORX size	T	5	6	7	8	9	10	15
Blade length	mm	60	60	60	60	60	80	80
For screws	M.	1,6-2	1,6-2	1,6-2	2,5	3	3	3,5
Seal	mm	1,42	1,7	1,99	2,31	2,5	2,74	3,27
Handle	mm	103x23	103x23	103x23	103x23	103x23	103x23	103x23
Supplier code		63201	63202	63203	63204	63205	63206	63207
1934GMN	Each	8,74	8,74	8,74	8,74	8,88	9,24	9,30

TORX size	T	20	25	27	30	40	45
Blade length	mm	100	100	115	115	115	130
For screws	M.	4	5	5	6	8	8-10
Seal	mm	3,86	4,43	4,99	5,52	6,65	8,83
Handle	mm	107x32	107x32	117x37	117x37	127x39	127x39
Supplier code		63208	63209	63210	63211	63212	63213
1934GMN	Each	9,88	10,30	11,60	12,10	13,30	14,60

Supplied in 10-pcs packing.



Product description as Art. 1934GAN
SCREWDRIVERS FOR TORX SCREWS WITH HANG-UP HOLE

TORX size	T	7	8	9	10	15	20	25
Blade length	mm	60	60	60	80	80	100	100
For screws	M.	1,6-2	2,5	3	3,5	3,5	4	5
Seal	mm	1,99	2,31	2,5	2,74	3,27	3,86	4,43
Handle	mm	103x23	103x23	103x23	103x23	103x23	107x32	107x32
Supplier code		63303	63304	63305	63306	63307	63308	63309
1934GON	Each	9,86	9,86	9,96	12,10	12,30	12,40	12,80

TORX size	T	27	30	40	45
Blade length	mm	115	115	115	130
For screws	M.	5	6	8	8-10
Seal	mm	4,99	5,52	6,65	7,82
Handle	mm	117x37	117x37	127x39	127x39
Supplier code		63310	63311	63312	63313
1934GON	Each	13,10	14,50	15,60	16,70

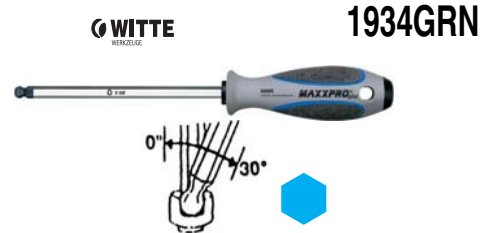
Supplied in 10-pcs packing.



Product description as Art. 1934GAN
SCREWDRIVERS FOR ALLEN HEAD SCREWS
Model with a spherical head giving a working angle up to 30°; for Allen screws.

Hexagon	mm	3	4	5	6	8
Blade length	mm	100	100	100	125	150
Handle	mm	103x23	103x23	107x32	117x37	127x39
Supplier code		63051	63052	63053	63054	63055
1934GRN	Each	7,68	7,96	9,30	11,30	16,10

Supplied in 10-pcs packing.



8

Product description as Art. 1934GAN
HEXAGONAL NUT DRIVERS

Blade length: 125mm.

Hexagon opening	mm	3,5	4	4,5	5	5,5	6	7	8
Handle	mm	107x32	107x32	107x32	107x32	107x32	117x37	117x37	117x37
Supplier code		63401	63402	63403	63404	63405	63406	63407	63408
1936GA	Each	13,70	13,70	13,70	13,70	13,70	14,60	15,20	15,60

Hexagon opening	mm	9	10	11	12	13	14	17
Handle	mm	117x37	117x37	127x39	127x39	127x39	127x39	127x39
Supplier code		63409	63410	63411	63412	63413	63414	63415
1936GA	Each	16,30	17,30	18,50	19,40	19,60	21,20	22,90

Supplied in 10-pcs packing.



Product description as Art. 1934GAN
FLEXIBLE HEXAGONAL NUT DRIVERS
Blade length: 200mm.

Hexagon opening	mm	5	5,5	6	7	8
Handle	mm	117x37	117x37	117x37	117x37	117x37
Supplier code		63081	63082	63083	63084	63085
1936GB	Each	26,10	26,10	26,10	26,70	27,30

Supplied in 10-pcs packing.



Prices in EURO . VAT not included

When running out of stock, Orig. Witte screwdrivers will be supplied with handles and packs in different colors.



SCREWDRIVERS LINE "PROTOP II IMPACT"

1936GL

WITTE
WERKZEUGE

Orig. Witte

Professional line for high performance screwdrivers. Anatomic antislip handle obtained by combining rigid and soft plastic materials, and hand impact end cap made of steel for use with hammer. Blade tanged through the handle, in special steel, with hexagon bolster and graduation marks.

Chrome plated matt finish, high precision black blade tip.

SCREWDRIVERS FLAT TIPPED WITH HEXAGON AND STEEL PERCUSSION SURFACE (DIN 5264 - ISO 2380 - DIN 475)

Blade length	mm	75	90	100	125	150	175
Blade Ø	mm	4,5	4,5	6	7	8	9
Hexagon	mm	6	6	8	10	13	13
Cutting edge	mm	3,5x0,6	4x0,8	5,5x1	6,5x1,2	8x1,2	10x1,6
Handle	mm	105x25	105x25	115x34	115x34	125x37	125x37
Supplier code		83801	83802	83803	83804	83805	83806
1936GL	Each	9,86	12,10	13,20	17,50	20,70	22,40

1936GM

WITTE
WERKZEUGE

Product description as Art. 1936GL

SCREWDRIVERS PHILLIPS TIPPED WITH HEXAGON AND STEEL PERCUSSION SURFACE (DIN 5260 - ISO 8764 - DIN 475)

Size		1	2	3
Blade length	mm	85	100	150
Blade Ø	mm	4,5	6	8
Hexagon	mm	6	10	13
For screws	M	2-3	3,5-5	5,5-7
Handle	mm	105x25	115x34	125x37
Supplier code		83901	83902	83903
1936GM	Each	11,90	15,90	21,90

1936GP

WITTE
WERKZEUGE

Product description as Art. 1936GL

SCREWDRIVERS POZIDRIV TIPPED WITH HEXAGON AND STEEL PERCUSSION SURFACE (ISO 8764 - DIN 475)

Size		1	2	3
Blade length	mm	85	100	150
Blade Ø	mm	4,5	6	8
Hexagon	mm	6	10	13
For screws	M	2-3	3,5-5	5,5-7
Handle	mm	105x25	115x34	125x37
Supplier code		84001	84002	84003
1936GP	Each	15,10	18,10	24,30

HEXAGONAL SCREWDRIVERS

1937GA

SCU



Prod. SCU

Pass through blade, in special steel, chrome plated, with hexagon bolster. Wooden handle with leather end cap.

Flat-tipped model.

Blade length	mm	75	100	125	150	200
Cutting edge width	mm	3,5	5,5	7	9	12
Hexagon	mm	6	8	10	12	13
1937GA	Each	4,38	5,06	6,02	7,24	11,70

1937GE

SCU



Product description as Art. 1937GA

PHILLIPS-tipped model.

Size		1	2	3
Blade length	mm	85	100	150
Hexagon	mm	6	10	12
1937GE	Each	4,98	5,24	7,36

1938GD

WITTE
WERKZEUGE

Orig. Witte

Pass through blade, riveted, in CHROME VANADIUM steel, polished nickel finish, with hexagon bolster.

Flat-tipped model.

Blade length	mm	75	90	100	125	150	175	200	250
Blade Ø	mm	4,5	4,5	5,5	7	8	9	9	11
Cutting edge width	mm	3,5	4,5	5,5	7	9	10	12	13
Hexagon	mm	6	6	8	10	13	13	16	16
Supplier code		96101	96102	96103	96104	96105	96106	96107	96108
1938GD	Each	8,92	9,24	9,88	13,10	16,80	19,30	23,40	32,00

Supplied in 10-pcs packing.

When stocks last, the screwdrivers will be shipped with a shiny blade and a black tip.



Product description as Art. 1938GD

PHILLIPS-tipped model.

Size		1	2	3	4
Blade length	mm	85	100	150	200
Blade Ø	mm	4,5	6	8	10
Hexagon	mm	6	10	13	16
Supplier code		96301	96302	96303	96304
1938GF	Each	11,40	12,60	17,70	25,20

Supplied in 10-pcs packing.

When stocks last, the screwdrivers will be shipped with a shiny blade and a black tip.

WITTE
Werkzeuge

1938GF



Passing blade, riveted, in CHROME VANADIUM steel, matt chrome finish, with hexagon bolster.

Hardwood handle with leather end cap.

POZIDRIV-tipped model.

Size		1	2	3	4
Blade length	mm	85	100	150	200
Blade Ø	mm	4,5	6	8	10
Hexagon	mm	6	10	13	16
Supplier code		96701	96702	96703	96704
1938GP	Each	13,20	15,50	21,10	29,30

Supplied in 10-pcs packing.

WITTE
Werkzeuge

1938GP



SCREWDRIVERS FOR SLOTTED SCREWS

Orig. Gedore - Art. 148

Exagonal blade in CHROME VANADIUM steel. Sturdy execution with blade tanged through the handle. Polished hardwood handle with leather end cap.

Heavy duty.

Blade length	mm	100	125	150	175	200	250
Cutting edge	mm	5,5x0,8	7x1	8x1,2	10x1,6	12x2	14x2,5
Blade section	mm	5,5	7	8	10	12	14
Handle	mm	95x23	100x25	120x30	125x32	130x33	140x35
1940G	Each	19,50	24,20	32,70	40,20	50,80	55,10

GEDORE

1940G



Orig. Gedore

Set of 5 screwdrivers Art. 1940 G.

Blade length: 125 - 150 - 175 - 200 - 250mm.

Painted wooden base.

1940GS	Series	235,60
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Product running out of stock.

GEDORE

1940GS



VDE "MAXXPRO" SCREWDRIVERS SETS

Orig. Witte - Art. 653741

Professional line for high performance screwdrivers. Anatomic, triangle shape, antislip handle obtained combining rigid and soft plastic materials. Finest high alloy special steel blades with strong insulation according to DIN EN 60900 norms up to 1000 V (individually tested at 10.000 V at manufacturer's).

Tested up to a temperature of -40° C (mark C), VDE MAXXPRO screwdrivers resist extreme changes in temperature.

5-tools set:

- 1 x flat-tip screwdriver Art. 1921 GAx75
- 1 x flat-tip screwdriver Art. 1921 GAx100 B
- 1 x flat-tip screwdriver Art. 1921 GAx125
- 1 x Phillips-tip screwdriver Art. 1921 GBx1
- 1 x Phillips-tip screwdriver Art. 1921 GBx2.

In cardboard box. Complete set.

1943GB	Each	39,50
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WITTE
Werkzeuge

1943GB



**1943GC****WITTE**
WENZUGE**Orig. Witte - Art. 653839**

Product description as Art. 1943GB

5-tools set:

- 1 x Phillips-tip screwdriver Art. 1921 GBx0
 - 1 x Phillips-tip screwdriver Art. 1921 GBx1.
 - 1 x Phillips-tip screwdriver Art. 1921 GBx2.
 - 1 x Phillips-tip screwdriver Art. 1921 GBx3.
 - 1 x Phillips-tip + straight tip screwdriver Art. 1921 GCx2.
- In cardboard box. Complete set.

1943GC Each **54,30****1943GE****WITTE**
WENZUGE**Orig. Witte - Art. 653742**

Product description as Art. 1943GB

6-tools set:

- 1 x flat-tip screwdriver Art. 1921 GAx75
 - 1 x flat-tip screwdriver Art. 1921 GAx100 B
 - 1 x flat-tip screwdriver Art. 1921 GAx125
 - 1 x flat-tip screwdriver Art. 1921 GAx150
 - 1 x Phillips-tip screwdriver Art. 1921 GBx1
 - 1 x Phillips-tip screwdriver Art. 1921 GBx2.
- In cardboard box. Complete set.

1943GE Each **46,20****1943GF****WITTE**
WENZUGE**Orig. Witte - Art. 653747**

Product description as Art. 1943GB

7-tools set:

- 1 x flat-tip screwdriver Art. 1921 GAx75
 - 1 x flat-tip screwdriver Art. 1921 GAx100 B
 - 1 x flat-tip screwdriver Art. 1921 GAx125
 - 1 x flat-tip screwdriver Art. 1921 GAx150
 - 1 x Phillips-tip screwdriver Art. 1921 GBx1
 - 1 x Phillips-tip screwdriver Art. 1921 GBx2
 - 1 x phase detecting screwdriver 220-250 V.
- Supplied in cardboard packing. Complete set.

1943GF Each **51,70****1943GL****WITTE**
WENZUGE**Orig. Witte - Art. 653838**

Product description as Art. 1943GB

7-tools set:

- 1 x flat-tip screwdriver Art. 1921 GAx75
 - 1 x flat-tip screwdriver Art. 1921 GAx100
 - 1 x flat-tip screwdriver Art. 1921 GAx100 A
 - 1 x flat-tip screwdriver Art. 1921 GAx100 B
 - 1 x flat-tip screwdriver Art. 1921 GAx125
 - 1 x flat-tip screwdriver Art. 1921 GAx150
 - 1 x flat-tip screwdriver Art. 1921 GAx175
- In cardboard box. Complete set.

1943GL Each **66,50****SLIM VDE "PROTOP" SCREWDRIVERS SETS****1943GLA****WITTE**
WENZUGE**Orig. Witte - Art. 670080**

Screwdrivers, professional for high-performance, anatomic antislip handle, obtained by the combination of hard and soft plastic. Special high-alloy steel blades with strong insulation according to DIN EN 60900 up to 1000 V (with a single production test to 10,000 V).

TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

Set of 5 items:

- 1 flat tip screwdriver Art. 1922 GBx100
- 1 flat tip screwdriver Art. 1922 GBx100 A
- 1 flat tip screwdriver Art. 1922 GBx125
- 1 PHILLIPS screwdriver Art. 1922 GCx1
- 1 PHILLIPS screwdriver Art. 1922 GCx2.

in cardboard box.

The set

1943GLA Each **57,10**



Orig. Witte - Art. 670082

Product description as Art. 1943GLA
TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

Set of 6 items:

- 1 flat tip screwdriver Art. 1922 GBx100
- 1 flat tip screwdriver Art. 1922 GBx100 A
- 1 flat tip screwdriver Art. 1922 GBx125
- 1 flat tip screwdriver Art. 1922 GBx150
- 1 PHILLIPS screwdriver Art. 1922 GCx1
- 1 PHILLIPS screwdriver Art. 1922 GCx2.

in cardboard box.

The set

1943GM Each **72,70**



1943GM

Orig. Witte - Art. 670083

Product description as Art. 1943GLA
TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

Set of 6 items:

- 1 flat tip screwdriver Art. 1922 GBx100
- 1 flat tip screwdriver Art. 1922 GBx100 A
- 1 flat tip screwdriver Art. 1922 GBx125
- 1 flat tip screwdriver Art. 1922 GBx150
- 1 PZD screwdriver Art. 1922 GFx1
- 1 PZD screwdriver Art. 1922 GCx2.

in cardboard box.

The set

1943GP Each **78,50**



1943GP

SETS OF VDE INSULATED SCREWDRIVERS

Prod. SCU

Model with ergonomic handle in unbreakable plastic material and blade in special steel insulated according to VDE 068000 norms up to 1000 V.

7-tools set:

- 1 x flat-tip screwdriver Art. 1923 GAx75
- 1 x flat-tip screwdriver Art. 1923 GAx100
- 1 x flat-tip screwdriver Art. 1923 GAx125
- 1 x flat-tip screwdriver Art. 1923 GAx150
- 1 x Phillips-tip screwdriver Art. 1923 GEx1
- 1 x Phillips-tip screwdriver Art. 1923 GEx2
- 1 x phase detecting screwdriver 220-250 V.

Supplied in case. Complete set.

1943GT Each **22,10**



1943GT

SCREWDRIVERS' LINE "MAXXPRO" SETS

Orig. Witte - Art. 653865

Professional line for high performance screwdrivers. Anatomic, triangle shape, antislip handle obtained combining rigid and soft plastic materials. Blades in EXTRA CHROME VANADIUM silicon steel, graduation marks. Chrome plated matt finish, high precision black blade tip. With hang up hole.

5-tools set:

- 1 x flat-tip screwdriver Art. 1932 GLx75A
- 1 x flat-tip screwdriver Art. 1932 GLx100B
- 1 x flat-tip screwdriver Art. 1932 GLx125A
- 1 x Phillips-tip screwdriver Art. 1932 GBx1
- 1 x Phillips-tip screwdriver Art. 1932 GBx2.

In cardboard box. Complete set.

1948GA Each **40,10**



1948GA

**1948GE****WITTE**
WENZEL**Orig. Witte - Art. 653866**

Product description as Art. 1948GA

Each set consists of 5 items:

- 1 x flat-tip screwdriver Art. 1932 GLx75A
 - 1 x flat-tip screwdriver Art. 1932 GLx100B
 - 1 x flat-tip screwdriver Art. 1932 GLx125A
 - 1 x Pozidriv-tip screwdriver Art. 1932 GFx1
 - 1 x Pozidriv-tip screwdriver Art. 1932 GFx2.
- In cardboard box. Complete set.

1948GE Each **44,10****1948GF****WITTE**
WENZEL**Orig. Witte - Art. 653725**

Product description as Art. 1948GA

Each set consists of 5 items:

- 1 x hexagonal nut driver Art. 1932 GRx5
- 1 x hexagonal nut driver Art. 1932 GRx5.5
- 1 x hexagonal nut driver Art. 1932 GRx6
- 1 x hexagonal nut driver Art. 1932 GRx7
- 1 x hexagonal nut driver Art. 1932 GRx8

Supplied in cardboard packing
Sold as assorted set.

1948GF Each **62,60****1948GH****WITTE**
WENZEL**Orig. Witte - Art. 653754**

Product description as Art. 1948GA

6-tools set:

- 1 x flat-tip screwdriver Art. 1932 GLx100B
 - 1 x flat-tip screwdriver Art. 1932 GLx125A
 - 1 x Phillips-tip screwdriver Art. 1932 GBx1
 - 1 x Phillips-tip screwdriver Art. 1932 GBx2
 - 1 x Pozidriv-tip screwdriver PZ Art. 1932 GFx1
 - 1 x Pozidriv-tip screwdriver Art. 1932 GFx2.
- In cardboard box. Complete set.

1948GH Each **54,70****1948GL****WITTE**
WENZEL**Orig. Witte - Art. 653864**

Product description as Art. 1948GA

6-tools set:

- 1 x flat-tip screwdriver Art. 1932 GLx75A
 - 1 x flat-tip screwdriver Art. 1932 GLx100B
 - 1 x flat-tip screwdriver Art. 1932 GLx125A
 - 1 x flat-tip screwdriver Art. 1932 GLx150A
 - 1 x Phillips-tip screwdriver Art. 1932 GBx1
 - 1 x Phillips-tip screwdriver Art. 1932 GBx2.
- In cardboard box. Complete set.

1948GL Each **50,50****1948GM****WITTE**
WENZEL**Orig. Witte**

Product description as Art. 1948GA

6-tools set:

- 1 x Phillips-tip screwdriver Art. 1932 GBx0
 - 1 x Phillips-tip screwdriver Art. 1932 GBx1
 - 1 x Phillips-tip screwdrivers Art. 1932 GBx2
 - 1 x Phillips-tip screwdriver Art. 1932 GBx3
 - 1 x Phillips-tip screwdriver Art. 1933 GBx1, short pattern
 - 1 x Phillips-tip screwdriver Art. 1933 GBx2, short pattern
- Supplied in cardboard packing. Complete set.

1948GM Each **51,60**

8



Orig. Witte - Art. 653863

Product description as Art. 1948GA

6-tools set:

- 1 x flat-tip screwdriver Art. 1932 GLx75A
 - 1 x flat-tip screwdriver Art. 1932 GLx100B
 - 1 x flat-tip screwdriver Art. 1932 GLx125A
 - 1 x flat-tip screwdriver Art. 1932 GLx150A
 - 1 x Pozidriv-tip screwdriver Art. 1932 GFx1
 - 1 x Pozidriv-tip screwdriver Art. 1932 GFx2.
- In cardboard box. Complete set.

1948GR Each **54,70**

WITTE
WENZEL

1948GR



Orig. Witte

Product description as Art. 1948GA

6-tools set:

- 1 x flat-tip screwdriver Art. 1932 GAx75
 - 1 x flat-tip screwdriver Art. 1932 GLx75
 - 1 x flat-tip screwdriver Art. 1932 GLx100A
 - 1 x flat-tip screwdriver Art. 1932 GLx125
 - 1 x flat-tip screwdriver Art. 1932 GLx150
 - 1 x flat-tip screwdriver Art. 1932 GLx150A
- In cardboard box. Complete set.

1948GS Each **54,10**

WITTE
WENZEL

1948GS



Orig. Witte - Art. 653980

Product description as Art. 1948GA

Each set consists of 6 items:

- 1 x TORX screwdriver Art. 1932 GPxT10
- 1 x TORX screwdriver Art. 1932 GPxT15
- 1 x TORX screwdriver Art. 1932 GPxT20
- 1 x TORX screwdriver Art. 1932 GPxT25
- 1 x TORX screwdriver Art. 1932 GPxT30
- 1 x TORX screwdriver Art. 1932 GPxT40.

Supplied in cardboard packing
Sold as assorted set.

1948GT Each **53,40**

WITTE
WENZEL

1948GT



Orig. Witte - Art. 653726

Product description as Art. 1948GA

Each set consists of 6 items:

- 1 x TORX screwdriver with hole Art. 1932 GQxT10
- 1 x TORX screwdriver with hole Art. 1932 GQxT15
- 1 x TORX screwdriver with hole Art. 1932 GQxT20
- 1 x TORX screwdriver with hole Art. 1932 GQxT25
- 1 x TORX screwdriver with hole Art. 1932 GQxT30
- 1 x TORX screwdriver with hole Art. 1932 GQxT40.

Supplied in cardboard packing
Sold as assorted set.

1948GV Each **61,10**

WITTE
WENZEL

1948GV



INOX SCREWDRIVERS' LINE "MAXXPRO" SETS

Orig. Witte - Art. 670002

Screwdrivers, professional line for high performances. Stainless steel blades, antistatic, long lasting, high torsion values.

Anatomic, triangle shape, antislip handle obtained combining rigid and soft plastic materials. Hang-up hole. Suitable to manufacture and maintain any kind of product requiring the tightening of stainless steel screws. Thus to avoid metal scrap contaminations that could cause the formation of rust on screws.

5-tools set:

- 1 x flat-tip screwdriver Art. 1932 GZAx75
 - 1 x flat-tip screwdriver Art. 1932 GZAx100
 - 1 x flat-tip screwdriver Art. 1932 GZAx125
 - 1 x Phillips-tip screwdriver Art. 1932 GZBx1
 - 1 x Phillips-tip screwdriver Art. 1932 GZBx2
- In cardboard box. Complete set.

1949GA Each **60,70**

WITTE
WENZEL

1949GA



When running out of stock, Orig. Witte screwdrivers will be supplied with handles and packs in different colors.

**1949GE****WITTE**
WENZELGE**Orig. Witte - Art. 670001**

Product description as Art. 1949GA

Each set consists of 5 items:

- 1 x flat-tip screwdriver Art. 1932 GZAx75
 - 1 x flat-tip screwdriver Art. 1932 GZAx100
 - 1 x flat-tip screwdriver Art. 1932 GZAx125
 - 1 x Pozidriv-tip screwdriver Art. 1932 GZFx1
 - 1 x Pozidriv-tip screwdriver Art. 1932 GZFx2
- In cardboard box. Complete set.

1949GE Each **66,90****1949GH****WITTE**
WENZELGE**Orig. Witte - Art. 670007**

Product description as Art. 1949GA

6-tools set:

- 1 x flat-tip screwdriver Art. 1932 GZAx75
 - 1 x flat-tip screwdriver Art. 1932 GZAx100
 - 1 x flat-tip screwdriver Art. 1932 GZAx125
 - 1 x flat-tip screwdriver Art. 1932 GZAx150
 - 1 x Phillips-tip screwdriver Art. 1932 GZBx1
 - 1 x Phillips-tip screwdriver Art. 1932 GZBx2
- In cardboard box. Complete set.

1949GH Each **78,80****1949GL****WITTE**
WENZELGE**Orig. Witte - Art. 670006**

Product description as Art. 1949GA

6-tools set:

- 1 x flat-tip screwdriver Art. 1932 GZAx75
 - 1 x flat-tip screwdriver Art. 1932 GZAx100
 - 1 x flat-tip screwdriver Art. 1932 GZAx125
 - 1 x flat-tip screwdriver Art. 1932 GZAx150
 - 1 x Pozidriv-tip screwdriver Art. 1932 GZFx1
 - 1 x Pozidriv-tip screwdriver Art. 1932 GZFx2
- In cardboard box. Complete set.

1949GL Each **85,10****1949GV****WITTE**
WENZELGE**Orig. Witte - Art. 670008**

Product description as Art. 1949GA

6-tools set:

- 1 x screwdriver for TORX SCREWS Art. 1932 GZP 10
 - 1 x screwdriver for TORX SCREWS Art. 1932 GZP 15
 - 1 x screwdriver for TORX SCREWS Art. 1932 GZP 20
 - 1 x screwdriver for TORX SCREWS Art. 1932 GZP 25
 - 1 x screwdriver for TORX SCREWS Art. 1932 GZP 30
 - 1 x screwdriver for TORX SCREWS Art. 1932 GZP 40
- Supplied in cardboard packing. Complete set.

1949GV Each **76,00**



SCREWDRIVERS' LINE "MAXXPRO PLUS" SETS

Orig. Witte - Art. 663865

Professional line for high performance screwdrivers. Anatomic, triangle shape, antislip handle obtained by combining rigid and soft plastic materials. Equipped with a patented, slip-resistant flocked surface ideal for working also in oily or wet conditions. Blades in EXTRA CHROME VANADIUM silicon steel, graduation marks. Chrome plated matt finish, high precision black blade tip.

With hang up hole.

5-tools set:

- 1 x flat-tip screwdriver Art. 1934 GFNx75A
- 1 x flat-tip screwdriver Art. 1934 GFNx100B
- 1 x flat-tip screwdriver Art. 1934 GFNx125A
- 1 x Phillips-tip screwdriver Art. 1934 GDNx1
- 1 x Phillips-tip screwdriver Art. 1934 GDNx2.

In cardboard box. Complete set.

WITTE
REINZULGE

1950GA



1950GA Each **54,40**

Orig. Witte - Art. 663866

Product description as Art. 1950GA

Each set consists of 5 items:

- 1 x flat-tip screwdriver Art. 1934 GFNx75A
- 1 x flat-tip screwdriver Art. 1934 GFNx100B
- 1 x flat-tip screwdriver Art. 1934 GFNx125A
- 1 x Pozidriv -tip screwdriver Art. 1934 GCNx1
- 1 x Pozidriv-tip screwdriver Art. 1934 GCNx2.

In cardboard box. Complete set.

WITTE
REINZULGE

1950GE



1950GE Each **58,70**

Orig. Witte - Art. 663864

Product description as Art. 1950GA

6-tools set:

- 1 x flat-tip screwdriver Art. 1934 GFNx75A
- 1 x flat-tip screwdriver Art. 1934 GFNx100B
- 1 x flat-tip screwdriver Art. 1934 GFNx125A
- 1 x flat-tip screwdriver Art. 1934 GFNx150A
- 1 x Phillips-tip screwdriver Art. 1934 GDNx1
- 1 x Phillips-tip screwdriver Art. 1934 GDNx2.

In cardboard box. Complete set.

WITTE
REINZULGE

1950GL



1950GL Each **69,30**

Orig. Witte - Art. 663870

Product description as Art. 1950GA

6-tools sets:

- 1 x flat-tip screwdriver with hexagon Art. 1934 GLNx100
- 1 x flat-tip screwdriver with hexagon Art. 1934 GLNx125
- 1 x flat-tip screwdriver with hexagon Art. 1934 GLNx150
- 1 x Phillips-tip screwdriver with hexagon Art. 1934 GEPx1
- 1 x Phillips-tip screwdriver and hexagon Art. 1934 GEPx2.
- 1 x Phillips-tip screwdriver and hexagon Art. 1934 GEPx3. In cardboard box. Complete set.

WITTE
REINZULGE

1950GPA



1950GPA Each **92,40**

Orig. Witte - Art. 663863

Product description as Art. 1950GA

Each set consists of 6 items:

- 1 x flat-tip screwdriver Art. 1934 GFNx75A
- 1 x flat-tip screwdriver Art. 1934 GFNx100B
- 1 x flat-tip screwdriver Art. 1934 GFNx125A
- 1 x flat-tip screwdriver Art. 1934 GFNx150A
- 1 x Pozdran-tip screwdriver Art. 1934 GCNx1
- 1 x Pozdran-tip screwdriver Art. 1934 GCNx2.

In cardboard box. Complete set.

WITTE
REINZULGE

1950GR



1950GR Each **72,30**

Prices in EURO . VAT not included

8

When running out of stock, Orig. Witte screwdrivers will be supplied with handles and packs in different colors.

**1950GV****Orig. Witte - Art. 663980**

Product description as Art. 1950GA

Each set consists of 6 items:

- 1 x TORX screwdriver Art. 1934 GMNxT10
- 1 x TORX screwdriver Art. 1934 GMNxT15
- 1 x TORX screwdriver Art. 1934 GMNxT20
- 1 x TORX screwdriver Art. 1934 GMNxT25
- 1 x TORX screwdriver Art. 1934 GMNxT30
- 1 x TORX screwdriver Art. 1934 GMNxT40.

Supplied in cardboard packing

Sold as assorted set.

1950GV Each **67,20****1950GZ****Orig. Witte - Art. 663723**

Product description as Art. 1950GA

Each set consists of 6 items:

- 1 x TORX screwdriver with hole Art. 1934 GONxT10
- 1 x TORX screwdriver with hole Art. 1934 GONxT15
- 1 x TORX screwdriver with hole Art. 1934 GONxT20
- 1 x TORX screwdriver with hole Art. 1934 GONxT25
- 1 x TORX screwdriver with hole Art. 1934 GONxT30
- 1 x TORX screwdriver with hole Art. 1934 GONxT40.

Supplied in cardboard packing

Sold as assorted set.

1950GZ Each **79,60****SCREWDRIVERS' LINE "PROTOP II IMPACT" SETS****1951GE****Orig. Witte - Art. 670090**

Professional line for high performance screwdrivers. Anatomic antislip handle obtained by combining rigid and soft plastic materials, and hand impact surface made of steel for use with hammer. Blade tanged through the handle, in special steel, with hexagon bolster and graduation marks.

Chrome plated matt finish, high precision black blade tip.

6-tools set:

- 1 x flat-tip screwdriver Art. 1936 GLx75
- 1 x flat-tip screwdriver Art. 1936 GLx90
- 1 x flat-tip screwdriver Art. 1936 GLx100
- 1 x flat-tip screwdriver Art. 1936 GLx125
- 1 x Phillips-tip screwdriver PH Art. 1936 GMx1
- 1 x Phillips-tip screwdriver PH Art. 1936 GMx2

Supplied in cardboard packing. Complete set.

1951GE Each **75,90****1951GF****Orig. Witte - Art. 670091**

Product description as Art. 1951GE

6-tools set:

- 1 x flat-tip screwdriver Art. 1936 GLx75
- 1 x flat-tip screwdriver Art. 1936 GLx90
- 1 x flat-tip screwdriver Art. 1936 GLx100
- 1 x flat-tip screwdriver Art. 1936 GLx125
- 1 x Phillips-tip screwdriver PZ Art. 1936 GPx1
- 1 x Phillips-tip screwdriver PZ Art. 1936 GPx2

Supplied in cardboard packing. Complete set.

1951GF Each **75,90**



WOODEN GRIP SCREWDRIVERS SETS

Orig. Witte - Art. 620306

Screwdrivers with pass through blade, riveted, in CHROME VANADIUM steel, polished nickel finish, with hexagon bolster. Hardwood handle with leather end cap.

5-tools set:

- 1 x flat-tip screwdriver Art. 1938 GDx90
- 1 x flat-tip screwdriver Art. 1938 GDx100
- 1 x flat-tip screwdriver Art. 1938 GDx125
- 1 x Phillips-tip screwdriver Art. 1938 GFx1
- 1 x Phillips-tip screwdriver Art. 1938 GFx2.

In cardboard box. Complete set.

WITTE
WERKZEUGE

1951GR



1951GR Each **59,90**

Orig. Witte - Art. 620303

Product description as Art. 1951GR

5-tools set:

- 1 x flat-tip screwdriver Art. 1938 GDx90
- 1 x flat-tip screwdriver Art. 1938 GDx100
- 1 x flat-tip screwdriver Art. 1938 GDx125
- 1 x Pozidriv-tip screwdriver Art. 1938 GPx1
- 1 x Pozidriv-tip screwdriver Art. 1938 GPx2.

In cardboard box. Complete set.

WITTE
WERKZEUGE

1951GT



1951GT Each **64,60**

Orig. Witte - Art. 620302

Product description as Art. 1951GR

6-tools set:

- 1 x flat-tip screwdriver Art. 1938 GDx90
- 1 x flat-tip screwdriver Art. 1938 GDx100
- 1 x flat-tip screwdriver Art. 1938 GDx125
- 1 x flat-tip screwdriver Art. 1938 GDx150
- 1 Phillips-tip screwdriver Art. 1938 GFx1
- 1 x Phillips-tip screwdriver Art. 1938 GFx2.

In cardboard box. Complete set.

WITTE
WERKZEUGE

1952G



1952G Each **76,70**

When stocks last, all Witte screwdrivers with wooden handles will be shipped with a shiny blade and black tip and in packs with different colors.

PLASTIC HANDLE SCREWDRIVERS

Prod. SCU

Blade in CHROME - VANADIUM - MOLYBDENUM, nickel finish. Handle in unbreakable plastic material.

Flat-tipped model, for electricians.

Blade length	mm	75	100	125	150	200
Blade Ø	mm	3	3,5	4	5	5
Cutting edge	mm	3	3,5	4	5	5
1970GA	Each	2,56	2,72	2,94	3,46	3,90

Supplied in 12-pcs packing.

SCU

1970GA



Product description as Art. 1970GA

Flat-tipped model, for mechanics.

Blade length	mm	75	100	125	150	175	200
Blade Ø	mm	4	5	6	6	8	8
Cutting edge width	mm	4	5	6	7	8	10
1970GE	Each	2,94	3,20	3,56	4,60	5,86	6,98

Supplied in 12-pcs packing.

SCU

1970GE



Product description as Art. 1970GA

PHILLIPS-tipped model.

Size		0	1	2	3	4
Blade length	mm	60	80	100	150	200
Blade Ø	mm	3	4,5	6	8	10
1970GP	Each	2,68	3,02	3,82	5,34	8,14

Supplied in 12-pcs packing.

SCU

1970GP



**1970GPZ** SCU

Product description as Art. 1970GA
POZIDRIV-tipped model.

Size		0	1	2	3
Blade length	mm	60	80	100	150
Blade Ø	mm	3	4,5	6	8
1970GPZ	Each	2,76	3,12	4,20	6,20

**1970GR** SCU

Product description as Art. 1970GA
Model for TORX screws.

TORX size	T	5	6	7	8	9	10	15
Blade length	mm	50	50	50	60	60	80	80
For screws	M.	1,6-2	1,6-2	1,6-2	2,5	3	3	3,5
Seal	mm	1,42	1,7	1,99	2,31	2,5	2,74	3,27
1970GR	Each	4,12	3,38	3,38	3,38	3,38	3,56	3,72
TORX size	T	20	25	27	30	40	45	50
Blade length	mm	100	100	115	115	130	130	150
For screws	M.	4	5	5	6	8	8-10	10
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83
1970GR	Each	4,02	4,24	4,68	4,94	5,50	6,02	6,62

**1970GRE** SCU

Product description as Art. 1970GA

Shortened model with round blade and flat tip.

Size		1	2	3
Blade	mm	25x4	25x5,5	25x8
Cutting edge	mm	4x0,8	5,5x1	8x1,2
1970GRE	Each	2,98	3,24	3,64

**1970GRL** SCU

Product description as Art. 1970GA

Shortened pater with round blade and PHILLIPS tip.

Size		1	2	3
Blade	mm	25x4,5	25x6	25x8
For screws	M	2-3	3,5-5	5,5-6,3
1970GRL	Each	3,24	3,34	3,80

**1970GRM** SCU

Product description as Art. 1970GA

Shortened pater with round blade and POZIDRIV tip.

Size		1	2
Blade	mm	30x4,5	30x6
For screws	M	2-3	3,5-5
1970GRM	Each	3,24	3,34

**1970GRV** SCU

Product description as Art. 1970GA

Shortened model for TORX screws.

TORX size	T	5	6	7	8	9	10	15
Blade	mm	305x3,5	30x3,5	30x3,5	30x3,5	30x4	30x4	30x4
For screws	M.	1,6-2	1,6-2	1,6-2	2,5	3	3	3,5
1970GRV	Each	3,24	2,56	2,56	2,56	2,56	2,60	2,68
TORX size	T	20	25	27	30	40		
Blade	mm	30x4	30x4,5	30x6	30x6	30x7		
For screws	M.	4	5	5	6	8		
1970GRV	Each	2,86	3,04	3,30	3,54	3,94		



When the art. 1970 GRM to 1970 GRV will run out of stock, they will be supplied with bi-component handles.

1970GS SCU

Product description as Art. 1970GA

Set of 6 screwdrivers in cardboard box.

1 flat-tip screwdriver Art. 1970 GAx100

3 flat-tip screwdrivers Art. 1970 GE 100 - 125 - 150

2 x Phillips-tip screwdrivers Art. 1970 GP 1 - 2.

Complete set.

1970GS	Each	21,60
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Product description as Art. 1970GA

Assorted set of 5 screwdrivers in cardboard box.

5 x TORX screwdrivers Art. 1970 GR T10 - T15 - T20 - T25 - T30

Complete set.

1971G	Each	20,40
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SCU

1971G



AUTOMATIC SPIRAL SCREWDRIVERS

Orig. Schröder

Professional model.

Inside spring for automatic return. Clockwise, counter-clockwise and fixed operation.

Wooden handle. With 3 bits for straight and cross-slotted screws.

(Only Art. 1980 GA x 250, plastic magazine-handle, 4 bits + 1 pointed bit).

Length as open with blade	mm	250	330	480
Blade Ø	mm	5,5	5,5	7
Straight cut screw blades	mm	4,5-5,5	4,5-5,5	5,5-6,5
Cross-cut screws blades	Gr	1-2	2	2
Supplier code		1.004.4	1.032.4	1.062.4

1980GA	Each	43,90	54,20	73,10
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Spare bits and accessories: see Art. 1980 GD to 1980 GL.

schröder
MADE IN GERMANY

1980GA



FLAT-TIPPED SPARE BITS

Screwdrivers: see Art. 1980 GA.

Size		1	2	3	4	5	6
Straight cut screw blades	mm	3	4,5	5,5	5,5	6	6,5
For screwdrivers length	mm	250-330	250-330	250-330	480	480	480

1980GD	Each	2,70	2,62	3,94	3,84	3,26	3,22
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Size 5 running out of stock.

schröder
MADE IN GERMANY

1980GD



PHILLIPS-TIPPED SPARE BITS

Screwdrivers: see Art. 1980 GA.

Size		0*	1	2	3*	4*	4A*
Cross-cut screws blades	Gr	0	1	2	1	2	3
For screwdrivers length	mm	250-330	250-330	250-330	480	480	480

1980GF	Each	3,70	2,64	2,64	3,52	3,52	4,60
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* Sizes running out of stock.

schröder
MADE IN GERMANY

1980GF



POZIDRIV/SUPADRIV-TIPPED SPARE BITS

Screwdrivers: see Art. 1980 GA.

Size		1	2	3	4	4A
Cross-cut screws blades	Gr	1	2	1	2	3
For screwdrivers length	mm	250e330	250e330	480	480	480

1980GL	Each	3,12	3,12	3,78	3,78	4,62
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Sizes 1 and 2 running out of stock.

schröder
MADE IN GERMANY

1980GL



AUTOMATIC SPIRAL SCREWDRIVERS FOR 1/4 BITS

Orig. Schröder

Professional model. Inside spring for automatic return.

Clockwise, counter-clockwise and fixed operation. Wooden handle.

(Only Art. 1981 Gx255, plastic magazine-handle).

Combination of 3 bits x 4.5-5.5-7mm straight-slotted screws and

Length as open with blade	mm	335	480
Supplier code		1.052.6	1.082.6

1981G	Each	53,70	68,50
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Bits: see from Art. 1993 GA to 1993 GV.

Product running out of stock.

schröder
MADE IN GERMANY

1981G



1/4"

LEVER SCREWDRIVERS

Prod. SCU

In CHROME VANADIUM steel. S-shaped type. Sturdy execution. Nickel-plated.

Suitable for straight-slotted screws.

Overall length	mm	90	100	125	150	175	200
Cutting edge width	mm	3,5	4	5,5	8	10	12

1985GA	Each	3,56	3,64	3,72	5,80	8,92	10,50
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SCU

1985GA





1985GB

SCU



Product description as Art. 1985GA
Suitable for Phillips-slotted screws.

Overall length	mm	100	200
For screws	Gr	1-2	3-4
1985GB	Each	4,76	8,98



HAND IMPACT DRIVERS

1986A

SCU



Prod. SCU

To unscrew or screw tightly seated screws difficult to remove with common screwdrivers. To be used with hammer. Max. torque kgm 12 (120 Nm). R+L operated. In case.

Each set consists of:

- 1 x 1/2" square drive percussor 140mm length
- 1 x bits-holder (1/2" square drive and 5/16" hex. drive)
- 2 x 5/16" hex drive bits for 6-8 mm straight-slotted screws
- 2 x 5/16" hex drive bits for 2 - 3 Phillips-slotted screws
- 2 x 5/16" long inserts hex drive for 8mm straight slotted and cross PH3 screws. Complete assorted set.

1986A	Each	14,50
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Bits: see Art. 2000 GA to 2000 GT.



1986GB

GEDORE



Orig. Gedore - Art. K 1900-018

Professional type to lock or unfasten large screws, even if rusty or tightly seated. To be used with 500g hammers. Right and left operated. Suitable for straight-slotted screws, cross-slotted screws and Allen screws. 5/16" hex drive bits. Burnished finish. Max. torque 16 kgm (160 Nm).

Plastic case containing:

- 1 x 1/2" square drive hammer drill, length 120mm
 - 1 bits holder (1/2" square drive and 5/16" hex. drive)
 - 16 bits (5/16" hex. drive) as follows:
 - 4 straight slotted bits Art. 983 GB 5.5-6.5-8-12
 - 3 PH cross-slotted bits Art. 983 GD 2-3-4
 - 5 hex. screw bits Art. 983 GM 4-5-6-8-10
 - 4 TORX screw bits Art. 984 GD 27-30-40-45
- Complete set.

1986GB	Each	190,00
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For other bits see Art. 983 GB-D-H-M-R - 984 GB-D.



1986GP

GEDORE



Orig. Gedore - Art. K 1900-013

Percussion part only, for Art. 1986 GB.

1986GP	Each	75,30
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BITS WITH 1/4" HEXAGONAL SHANK, DIN 3126 C 6.3 FOR SCREWDRIVERS AND DRILLS

1991GA

SCU



Prod. SCU

Obtained through a particular lathe copying procedure for higher precision and more accurate finish. A particular hardening procedure enables to obtain the maximum hardness, strength and long lasting with perfect transmission of the torque.

Straight head. Total length 25mm.

Type		3	4	4,5	5,5	06	6	6,5
Cutting width	mm	3	4	4,5	5,5	6	6	6,5
Cutting thickness	mm	0,5	0,5	0,6	0,8	0,8	1	1,2
1991GA	Each	0,68	0,68	0,68	0,68	0,68	0,68	0,68

Type		08	8	10
Cutting width	mm	8	8	10
Cutting thickness	mm	1,2	1,6	1,6
1991GA	Each	0,98	0,98	1,16





Orig. Witte

Product description as Art. 1991GA

Straight head. Yellow tin coated for longer lasting. Total length 25mm.

Cutting width	mm	4,5	5,5	6,5
Cutting thickness	mm	0,6	0,8	1,2
Supplier code		26431	26432	26434
1991GAT	Each	4,80	4,80	4,80

WITTE

1991GAT



Product description as Art. 1991GA

PHILLIPS cross head.

Type		0	1	1A*	1B*	1C	1F*	2	2A
For cross	Gr	0	1	1	1	1	1	2	2
Overall length	mm	25	25	32	39	50	100	25	32
Supplier code		-	27020	-	-	-	-	27021	27012
1991GB	Each	0,68	0,42	1,40	1,74	2,08	4,78	0,42	2,62

WITTE

1991GB



Type		2C	3	3A	3C	4
For cross	Gr	2	3	3	3	4
Overall length	mm	50	25	32	50	25
Supplier code		-	27022	27013	-	-
1991GB	Each	2,08	0,42	2,94	2,08	0,88

Bits measures without Art.Witte are SCU manufactured.
* Sizes running out of stock.

Product description as Art. 1991GA

PHILLIPS cross head. Special hardening assuring HRC 62-64 hardness for higher torque and long-lasting bit. Total length: 25mm.

For cross	Gr	1	2	3
Supplier code		27120	27121	27122
1991GBA	Each	0,48	0,48	0,48

WITTE

1991GBA



Product description as Art. 1991GA

PHILLIPS cross head. Yellow TIN coated for longer lasting. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		27320	27321	27322
1991GBE	Each	1,36	1,36	1,36

WITTE

1991GBE



Product description as Art. 1991GA

PHILLIPS cross head. Diamond tip for longer lasting, high precision, screw tightening. Particularly suitable for set of tools including screwdrivers. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		27391	27392	27393
1991GBF	Each	4,12	4,12	4,12

WITTE

1991GBF



Product description as Art. 1991GA

PHILLIPS cross head. In antistati STAINLESS steel. Suitable for manufacturing and maintaining all those products fit with stainless steel screws so that metal slag contamination is avoided that might generate oxidation and rust on the screws. Total length: 25mm.

For cross	Gr	1	2	3
Supplier code		28501	28502	28503
1991GBL	Each	3,14	3,14	3,14

WITTE

1991GBL



Orig. Witte - Art. 27036

Product description as Art. 1991GA

Phillips cross head, size 2. Thinned tip for easy introduction into screw head. Total length 25mm.

1991GBR	Each	0,84
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WITTE

1991GBR



Orig. Witte - Art. 27123

Product description as Art. 1991GA

Phillips cross head, size 2. Thinned tip for easy introduction into screw head. Special quenching for reaching a hardness of HRC 62 - 64, for higher torque and longer lasting. Total length 25mm.

1991GBS	Each	0,94
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WITTE

1991GBS





1991GC

WITTE
WENZELGE



1/4"

Orig. Witte

Product description as Art. 1991GA

Pozidriv cross head.

Type		0	1	1A*	1B*	1C	2	2A	2B*
For cross	Gr	0	1	1	1	1	2	2	2
Overall length	mm	25	25	32	39	50	25	32	39
Supplier code		-	27045	-	-	-	27046	27052	-
1991GC	Each	0,68	0,42	1,44	1,10	2,08	0,42	2,80	1,02
Type		2C	3	3A	3C	3F*	4		
For cross	Gr	2	3	3	3	3	4		
Overall length	mm	50	25	32	50	100	25		
Supplier code		-	27047	27053	-	-	-		
1991GC	Each	2,08	0,42	3,10	2,08	4,78	0,88		

Bits measures without Art.Witte are SCU manufactured.

* Sizes running out of stock.

1991GCA

WITTE
WENZELGE



1/4"

Product description as Art. 1991GA

Pozidriv cross head. Special hardening assuring HRC 62-64 hardness for higher torque and long-lasting bit. Total length: 25mm.

For cross	Gr	1	2	3
Supplier code		27245	27246	27247
1991GCA	Each	0,48	0,48	0,48

1991GCE

WITTE
WENZELGE



TIN

1/4"

Product description as Art. 1991GA

Pozidriv cross head. Yellow TIN coated for longer lasting. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		27345	27346	27347
1991GCE	Each	1,36	1,36	1,36

1991GCF

WITTE
WENZELGE



DIAMANTATI

1/4"

Product description as Art. 1991GA

Pozidriv cross head. Diamond tip for longer lasting, high precision, screw tightening. Particularly suitable for set of tools including screwdrivers. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		27611	27612	27613
1991GCF	Each	4,12	4,12	4,12

1991GCL

WITTE
WENZELGE



INOX

1/4"

Product description as Art. 1991GA

Pozidriv cross head. In antistati STAINLESS steel. Suitable for manufacturing and maintaining all those products fit with stainless steel screws so that metal slag contamination is avoided that might generate oxidation and rust on the screws.

Total length: 25mm.

For cross	Gr	1	2	3
Supplier code		28511	28512	28513
1991GCL	Each	3,14	3,14	3,14

1991GCR

WITTE
WENZELGE



1/4"

Orig. Witte - Art. 27057

Product description as Art. 1991GA

Pozidriv cross head, Size 2. Thinned tip for easy introduction into screw head.

Total length 25mm.

1991GCR	Each	2,14
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1991GCS

WITTE
WENZELGE



1/4"

Orig. Witte - Art. 27248

Product description as Art. 1991GA

Pozidriv cross head, Size 2. Thinned tip for easy introduction into screw head. Special quenching for reaching a hardness of HRC 62 - 64, for higher torque and longer lasting.

Total length 25mm.

1991GCS	Each	2,14
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1991GE

SCU



1/4"

Prod. SCU

Product description as Art. 1991GA

Hexagonal head. Total length 25mm.

Hexagon	mm	1,5	2	2,5	3	4	5	6	
1991GE	Each	0,68	0,68	0,68	0,68	0,68	0,68	0,68	
Hexagon	mm	8	10						
1991GE	Each	0,98	1,16						



Product description as Art. 1991GA

Hexagonal head, with hole. Total length 25mm.

Hexagon	mm	2	2,5	3	4	5	6	8
1991GF	Each	1,26	1,26	1,26	1,26	1,26	1,26	1,46
Hexagon	mm	10						
1991GF	Each	1,64						

SCU

1991GF



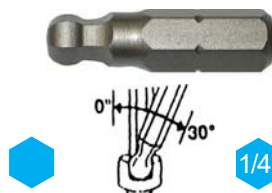
Product description as Art. 1991GA

Ball bits for embedded hexagons. Total length 25mm.

Hexagon	mm	2,5	3	4	5	6
1991GH	Each	0,78	0,78	0,78	0,78	0,78

SCU

1991GH



Orig. Witte

Product description as Art. 1991GA

TORX head.

Type		4	5	6	7	8	9	10
TORX size	T	4	5	6	7	8	9	10
Overall length	mm	25	25	25	25	25	25	25
Supplier code		29459	29460	29490	29495	29501	29502	29503
1991GL	Each	0,86	0,86	0,86	0,86	0,86	0,86	0,86
Type		10A	15	15A	20	20A	25	25A
TORX size	T	10	15	15	20	20	25	25
Overall length	mm	50	25	50	25	50	25	50
Supplier code		-	29504	-	29505	-	29506	-
1991GL	Each	3,50	0,86	3,50	0,86	3,50	0,86	3,50
Type		27	27A	30	30A	40		
TORX size	T	27	27	30	30	40		
Overall length	mm	25	50	25	50	25		
Supplier code		29507	-	29508	-	29509		
1991GL	Each	0,86	3,50	0,86	3,50	0,86		

WITTE

1991GL



Bits measures without Art.Witte are SCU manufactured.

Product description as Art. 1991GA

TORX head. Yellow TIN coated for longer lasting. Total length 25mm.

TORX size	T	10	15	20	25	27	30	40
Supplier code		29513	29514	29515	29516	29517	29518	29519
1991GLT	Each	1,70	1,70	1,70	1,70	1,70	1,70	1,70

WITTE

1991GLT



Product description as Art. 1991GA

TORX head. In antistati STAINLESS steel. Suitable for manufacturing and maintaining all those products fit with stainless steel screws so that metal slag contamination is avoided that might generate oxidation and rust on the screws. Total length: 25mm.

TORX size	T	10	15	20	25	27	30	40
Supplier code		28530	28531	28532	28533	28534	28535	28536
1991GLV	Each	3,88	3,88	3,88	3,88	3,88	3,88	3,88

WITTE

1991GLV



Product description as Art. 1991GA

TORX head, with hole. Total length 25mm.

TORX size	T	7	8	9	10	15	20	25
Supplier code		29477	29478	29479	29480	29481	29482	29483
1991GN	Each	1,22	1,22	1,22	1,22	1,22	1,22	1,22
TORX size	T	27	30	40				
Supplier code		29484	29485	29486				
1991GN	Each	1,22	1,22	1,22				

WITTE

1991GN



Product description as Art. 1991GA

TORX head, with hole. Yellow TIN coated for longer lasting. Total length 25mm.

TORX size	T	10	15	20	25	27	30	40
Supplier code		29593	29594	29595	29596	29597	29598	29599
1991GNA	Each	2,04	2,04	2,04	2,04	2,04	2,04	2,04

WITTE

1991GNA



**1991GNB****WITTE**
WERKZEUGE

1/4"

Product description as Art. 1991GA

5-point head, with hole (TAMPER STAR). Total length 25mm.

IPR size

Supplier code

1991GNB Each

	10	15	20	25	27	30	40
26870	26871	26872	26873	26874	26875	26876	
1991GNB Each	5,92	5,92	5,92	5,92	5,92	5,92	5,92

1991GNC**SCU**

1/4"

Prod. SCU

Product description as Art. 1991GA

RIBE head. Total length 25mm.

For RIBE-CV screws

1991GNC Each

M.	5	6	8	10
1991GNC Each	0,68	0,68	0,88	1,06

1991GND**SCU**

1/4"

Product description as Art. 1991GA

XZN bi-hexagonal head. Total length 25mm.

For screws with XZN poly-

1991GND Each

M.	4	5	6	8
1991GND Each	0,68	0,68	0,68	0,98

1991GNE**WITTE**
WERKZEUGE

1/4"

Orig. Witte

Product description as Art. 1991GA

Torq – Set® head. Particularly used in the aeronautics industry. Total length 25mm.

Torq-Set size

Supplier code

1991GNE Each

	0	1	2	3	4	5	6	8	10
27330	27331	27332	27333	-	-	-	-	-	-
1991GNE Each	8,60	8,60	8,60	8,60	0,68	0,68	0,68	0,68	0,68

Bits measures without Art. Witte are SCU manufactured.**1991GNF****SCU**

1/4"

Prod. SCU

Product description as Art. 1991GA

Tri – Wing® head. Particularly used in the aeronautics industry. Total length 25mm.

Tri-Wing Size

1991GNF Each

	0	1	2	3	4	5
1991GNF Each	0,68	0,68	0,68	0,68	0,68	0,68

1991GNH**SCU**

1/4"

Product description as Art. 1991GA

Square head. Total length 25mm.

For screws with square

1991GNH Each

No.	0	1	2	3
1991GNH Each	0,68	0,68	0,68	0,68

1991GNL**SCU**

1/4"

Product description as Art. 1991GA

2-hole head. Total length 25mm.

For 2 bores screws

1991GNL Each

No.	6	8	10
1991GNL Each	0,68	0,68	0,68

1991GP**SCU**

1/4"

1/4"

Product description as Art. 1991GA

Flexible extension with male/female 1/4" hexagonal shank. For right-hand use only (SCREWING).

Overall length

1991GP Each

mm	190
1991GP Each	7,92

1991GR**GEDORE**

1/4"

1/4"

Orig. Gedore red - Art. R47100003

Product description as Art. 1991GA

Male adapters for 1/4" sockets.

Overall length

1991GR Each

mm	25
1991GR Each	3,98



SOCKET REDUCERS FOR INSERT BITS

Prod. SCU

Hand use. Chrome-plated finish.

(Art. 1991 GS 1 - Orig. Gedore Red Art. R47100103).

Size		1	2
Square drive	inch	1/4	3/8
Hexagonal inserts drive	inch	1/4	5/16
1991GS	Each	3,64	3,92

For reductions from square drive 1/2 to hexagonal drive 5/16 see Art. 971 RI.

SCU

1991GS



BITS WITH BITFLEX 1/4" HEXAGONAL SHANK, FOR SCREWDRIVERS AND DRILLS

Orig. Witte

"FLEX" type, long lasting, lathed area between shank and head acts as a cushion and absorbs superfluous energy traditionally causing wear-out and breakage. The particular hardening procedure enables to obtain the maximum hardness and strength.

Phillips head. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		28021	28022	28023
1992GN	Each	1,94	1,94	1,94

WITTE

1992GN



Product description as Art. 1992GN

Pozidriv cross head. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		28045	28046	28047
1992GP	Each	1,94	1,94	1,94

WITTE

1992GP



Product description as Art. 1992GN

PHILLIPS cross head. Yellow TIN coated for longer lasting. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		28421	28422	28423
1992GR	Each	2,00	2,00	2,00

WITTE

1992GR



TIN



Product description as Art. 1992GN

Pozidriv cross head. Yellow TIN coated for longer lasting. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		28445	28446	28447
1992GS	Each	2,00	2,00	2,00

WITTE

1992GS



TIN



"FLEX" type, long lasting, lathed area between shank and head acts as a cushion and absorbs superfluous energy traditionally causing wear-out and breakage. The particular hardening procedure enables to obtain the maximum hardness and strength.

PHILLIPS cross head. Diamond tip for longer lasting, high precision, screw tightening. Particularly suitable for set of tools including screwdrivers. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		27971	27972	27973
1992GT	Each	4,92	4,92	4,92

WITTE

1992GT



DIAMANTATI



Product description as Art. 1992GT

Pozidriv cross head. Diamond tip for longer lasting, high precision, screw tightening. Particularly suitable for set of tools including screwdrivers. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		28011	28012	28013
1992GZA	Each	4,92	4,92	4,92

WITTE

1992GZA



DIAMANTATI





HEXAGONAL COMBINED INSERT BITS FOR ELECTRIC DRILLS

1993GA

**Orig. Witte - Art. 29007**

Milled bits for direct mounting. In alloy steel. The accurate finish and a particular hardening procedure enable perfect transmission of the torque and long lasting.

Straight head. Total length 60mm.

Cut 1	mm	3x0,5
Cut 2	mm	4,5x0,6
Drive		1/4

1993GA Each 3,36

1993GB

**Orig. Witte - Art. 29008**

Product description as Art. 1993GA

Straight head. Total length 60mm.

Cut 1	mm	5,5x0,8
Cut 2	mm	6x1
Drive		1/4

1993GB Each 3,36

1993GC

**Orig. Witte - Art. 29009**

Product description as Art. 1993GA

Straight head. Total length 60mm.

Cut 1	mm	6,5x1,2
Cut 2	mm	8x1,6
Drive		1/4

1993GC Each 3,36

1993GD

**Orig. Witte - Art. 29010**

Product description as Art. 1993GA

Phillips + Pozidrov cross head. Total length 60mm.

PH-PZD cross	Gr	1
Drive		1/4

1993GD Each 3,36

1993GE

**Orig. Witte - Art. 29011**

Product description as Art. 1993GA

Phillips + Pozidrov cross head. Total length 60mm.

PH-PZD cross	Gr	2
Drive		1/4

1993GE Each 3,36

1993GF

**Orig. Witte - Art. 29012**

Product description as Art. 1993GA

Phillips + Pozidrov cross head. Total length 60mm.

PH-PZD cross	Gr	3
Drive		1/4

1993GF Each 3,36

1993GH

**Orig. Witte - Art. 29001**

Product description as Art. 1993GA

Phillips cross head + straight head. Total length 60mm.

PH cross	Gr	1
Straight cutting	mm	4,5x0,6
Drive		1/4

1993GH Each 3,36

1993GI

**Orig. Witte - Art. 29002**

Product description as Art. 1993GA

Phillips cross head + straight head. Total length 60mm.

PH cross	Gr	2
Straight cutting	mm	5,5x0,8
Drive		1/4

1993GI Each 3,36

1993GL

**Orig. Witte - Art. 29003**

Product description as Art. 1993GA

Phillips cross head + straight head. Total length 60mm.

PH cross	Gr	3
Straight cutting	mm	6x1
Drive		1/4

1993GL Each 3,36



Orig. Witte - Art. 29004

Product description as Art. 1993GA
 Pozidriv cross head + straight head. Total length 60mm.
 PZD cross Gr 1
 Straight cutting mm 4,5x0,6
 Drive 1/4

1993GN	Each	3,36
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Orig. Witte - Art. 29005

Product description as Art. 1993GA
 Pozidriv cross head + straight head. Total length 60mm.
 PZD cross Gr 2
 Straight cutting mm 5,5x0,8
 Drive 1/4

1993GP	Each	3,36
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Orig. Witte - Art. 29006

Product description as Art. 1993GA
 Pozidriv cross head + straight head. Total length 60mm.
 PZD cross Gr 3
 Straight cutting mm 6x1
 Drive 1/4

1993GR	Each	3,36
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Orig. Witte - Art. 29016

Product description as Art. 1993GA
 Double TORX head. Total length 60mm.
 Seal 1 TORX 10
 Seal 2 TORX 15
 Drive 1/4

1993GS	Each	4,64
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Orig. Witte - Art. 29017

Product description as Art. 1993GA
 Double TORX head. Total length 60mm.
 Seal 1 TORX 20
 Seal 2 TORX 25
 Drive 1/4

1993GT	Each	4,64
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Orig. Witte - Art. 29018

Product description as Art. 1993GA
 Double TORX head. Total length 60mm.
 Seal 1 TORX 30
 Seal 2 TORX 40
 Drive 1/4

1993GV	Each	4,64
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INSERT BITS, 1/4" HEXAG. SHANK, DIN 3126 E 6.3, UNIV. MODEL, FOR ELECTRIC SCREWDRIVERS AND DRILLS

Orig. Witte

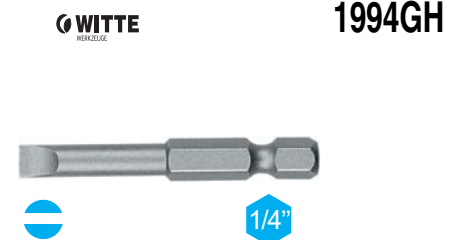
Milled bits for direct mounting into screwdrivers such as: Pnutech, Bosch, B+D, Skil, Makita, Atlas Copco, Ingersoll, etc. In alloy steel. The accurate finish and a particular hardening procedure enable perfect transmission of the turning moment and long lasting.

Straight head. Total length 50mm.

Cutting width	mm	3	3,5	4	4,5	5,5	6	6,5
Cutting thickness	mm	0,5	0,6	0,5	0,6	0,8	1	1,2
Supplier code		-	-	-	-	-	27513	-
1994GH	Each	4,38	4,38	1,06	1,06	1,06	3,28	1,06

Cutting width	mm	8	9	10	12
Cutting thickness	mm	1,6	1,6	1,6	2
Supplier code		-	27516	-	-
1994GH	Each	1,46	5,12	2,06	5,70

Bits measures without Art.Witte are SCU manufactured.
 Size mm 12 running out of stock.





1994GHT

WITTE
WERKZEUGE



Milled bits for direct mounting into screwdrivers such as: Pneutec, Bosch, B+D, Skil, Makita, Atlas Copco, Ingersoll, etc. In alloy steel. The accurate finish and a particular hardening procedure enable perfect transmission of the turning moment and long lasting.

Straight head. Yellow tin coated for longer lasting. Total length 50mm

Cutting width	mm	4,5	5,5	6,5
Cutting thickness	mm	0,6	0,8	1,2
Supplier code		27531	27532	27534
1994GHT	Each	6,36	6,36	6,36

1994GL

SCU



Prod. SCU

Product description as Art. 1994GHT

Phillips cross head.

Type		0	1	1A	1B	1E	2	2A
For cross	Gr	0	1	1	1	1	2	2
Overall length	mm	50	50	75	100	150	50	75
1994GL	Each	1,06	1,06	1,82	2,80	4,76	1,06	1,82
Type		2B	2E	3	3A	3B	3E	4
For cross	Gr	2	2	3	3	3	3	4
Overall length	mm	100	150	50	75	100	150	50
1994GL	Each	2,80	4,76	1,06	1,82	2,80	4,76	1,46

1994GLT

SCU



Product description as Art. 1994GHT

Phillips cross head. ZIRCONIUM coated for longer lasting.

Total length 50mm.

For cross	Gr	1	2	3
1994GLT	Each	3,16	3,16	3,16

1994GLV

WITTE
WERKZEUGE



Orig. Witte

Product description as Art. 1994GHT

Phillips cross head + straight head (MODUL). Total length 70mm.

For cross	Gr	1	2
Supplier code		26461	26462
1994GLV	Each	6,46	6,80

1994GM

SCU



Prod. SCU

Product description as Art. 1994GHT

Pozidriv cross head.

Type		0	1	1A	1B	1E	2	2A
For cross	Gr	0	1	1	1	1	2	2
Overall length	mm	50	50	75	100	150	50	75
1994GM	Each	1,06	1,06	1,82	2,80	4,76	1,06	1,82
Type		2B	2E	3	3A	3B	3E	4
For cross	Gr	2	2	3	3	3	3	4
Overall length	mm	100	150	50	75	100	150	50
1994GM	Each	2,80	4,76	1,06	1,82	2,80	4,76	1,46

1994GMT

SCU



Product description as Art. 1994GHT

Pozidriv cross head. ZIRCONIUM coated for longer lasting.

Total length 50mm.

For cross	Gr	1	2	3
1994GMT	Each	3,16	3,16	3,16

1994GMV

WITTE
WERKZEUGE



Orig. Witte

Product description as Art. 1994GHT

Pozidriv cross head + straight head (MODUL). Total length 70mm.

For cross	Gr	1	2
Supplier code		26471	26472
1994GMV	Each	6,46	6,80

1994GO

SCU



Prod. SCU

Product description as Art. 1994GHT

Hexagonal head.

Type		2	2B	2,5	2,5B	3	3B	4	4B
Hexagon	mm	2	2	2,5	2,5	3	3	4	4
Overall length	mm	50	75	50	75	50	75	50	75
1994GO	Each	1,06	1,82	1,06	1,82	1,06	1,82	1,06	1,82
Type		5	5B	6	6B	8	8B	10	10B
Hexagon	mm	5	5	6	6	8	8	10	10
Overall length	mm	50	75	50	75	50	75	50	75
1994GO	Each	1,06	1,82	1,06	1,82	1,54	2,12	2,22	2,32



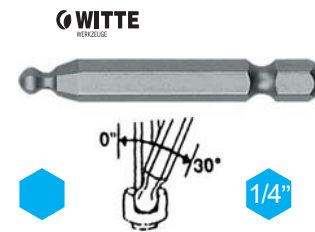
Orig. Witte

Product description as Art. 1994GHT

Ball head for embedded hexagons. Total length 50mm.

Hexagon	mm	2	2,5	3	4	5	6	8
Supplier code		-	-	27183	27184	27185	27186	-
1994GP	Each	6,18	6,18	3,26	3,26	3,26	3,26	6,52

Bits measures without Art.Witte are SCU manufactured.



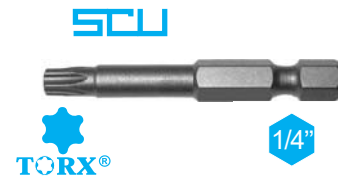
1994GP

Prod. SCU

Product description as Art. 1994GHT

TORX head. Total length 50mm.

TORX size	T	8	9	10	15	20	25	27
1994GT	Each	1,36	1,36	1,36	1,36	1,36	1,36	1,36
TORX size	T	30	40	45	50	55		
1994GT	Each	1,36	1,36	1,64	2,34	2,52		



1994GT

Orig. Witte

Product description as Art. 1994GHT

TORX head. Yellow TIN coated for longer lasting. Total length 50mm.

TORX size	T	10	15	20	25	27	30	40
Supplier code		29613	29614	29615	29616	29617	29618	29619
1994GTA	Each	6,40	6,40	6,40	6,40	6,40	6,40	6,40



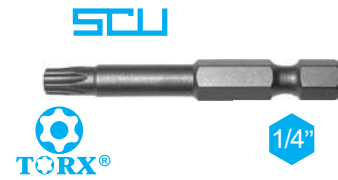
1994GTA

Prod. SCU

Product description as Art. 1994GHT

TORX head, with hole. Total length 50mm.

TORX size	T	8	9	10	15	20	25	27
1994GV	Each	1,94	1,94	1,94	1,94	1,94	1,94	1,94
TORX size	T	30	40	45	50	55		
1994GV	Each	1,94	1,94	2,22	2,88	2,88		



1994GV

Product description as Art. 1994GHT

Inside hexagon model, with magnet.

Opening	mm	4	5	5,5	6	7	8	9	10	11	
Overall length	mm	42	45	45	45	45	45	45	45	45	
1994GZ	Each	5,04	4,64	4,64	4,64	4,64	4,64	4,64	4,64	4,64	
Opening	mm	12	13	14	17	1/4	5/16	3/8	7/16		
Overall length	mm	45	45	45	45	45	45	45	45	45	
1994GZ	Each	4,64	4,64	5,96	9,22	4,64	4,64	4,64	5,30		



1994GZ

INSERT BITS WITH 1/4" HEXAG. SHANK, DIN 3126 E 6.3, UNIV. MODEL, FOR ELECTRIC AND BATTERY SCREWDRIVERS AND DRILLS

Orig Witte

Type "IMPACT" is particularly suitable for professional battery screwdrivers and drills.

With long life, with lathed area between the shank and head which acts as a shock absorber, absorbing the superfluous energy that in conventional inserts is causing heavy wear and rupture. The special steel, particularly elastic, and the hardening procedure allow to obtain the maximum hardness and toughness with a considerable torque transmission.

PHILLIPS tip. Overall length 38mm.

For cross	Gr	1	2	3
Supplier code		28520	28521	28522
1994RA	Each	3,46	3,46	3,46



1994RA

Product description as Art. 1994RA

POZIDRIV tip. Overall length 38mm.

For cross	Gr	1	2	3
Supplier code		28523	28524	28525
1994RB	Each	3,46	3,46	3,46



1994RB

Orig. Witte

Product description as Art. 1994RA

TORX tip. Overall length 38mm.

TORX size	T	15	20	25	30	40
Supplier code		28490	28491	28492	28493	28494
1994RE	Each	3,46	3,46	3,46	3,46	3,46

For insert sets like "IMPACT" see. Art. 2018 G.



1994RE



TORQUE ADAPTERS FOR 1/4" BITS, DIN 3126 C 6.3

1995A **PEDDINGHAUS**



Orig. Peddinghaus - Art. 90500

Fixed torque type for controlled and constant tightening, that provides a longer life of the screws and the protection of sensitive materials. All steel, also suitable for tightening with cordless screwdrivers.

Universal E 6.3 coupling. Total length 50 mm.

Tightening capacity	Nm	0,6	0,9	1,2	1,4	2	4	5
1995A	Each	21,40	21,40	21,40	21,40	21,40	21,40	21,40

MAGNETIC ADAPTERS FOR 1/4" BITS, DIN 3126 C 6.3

1995GA



Prod. SCU

Strong traction, magnetic type without retaining ring. High precision centring. For power drills up to 1000 Watt.

For drills: brass Universal E 6.3.

Overall length	mm	60
Drive	inch	1/4"
1995GA	Each	3,82

1995GB



Strong traction, magnetic type with retaining ring. High-precision centring. For drills with power up to 1000 Watt.

For drills: steel Universal E 6.3

Overall length	mm	75
Drive	inch	1/4"
1995GB	Each	6,80

Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA. For long types see Art. 1996 G.

1995GC



Orig. Witte - Art. 26002

Product description as Art. 1995GB

For drills: Bosch – AEG – Metabo.

Overall length	mm	79
Drive	mm	5,5
1995GC	Each	35,40

Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

1995GD



Prod. SCU

Product description as Art. 1995GB

For drills: Fein - AEG - Baier.

Overall length	mm	65
Drive	mm	7
1995GD	Each	8,94

Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

1995GF



Orig. Witte - Art. 26005

Product description as Art. 1995GB

For drills: Bosch – AEG – Fein – Black & Decker – Ingersoll.

Overall length	mm	82
Drive	mm	11
1995GF	Each	29,90

Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

1995GL



Prod. SCU

Product description as Art. 1995GB

For drills with SDS-PLUS shank.

Overall length	mm	75
Drive	mm	10
1995GL	Each	12,90

Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

1995GM



Strong traction, magnetic type without retaining ring. High precision centring. For power drills up to 1000 Watt.

For drills: brass Universal E 6.3. With sliding ring nut and spring for bit quick change. High-precision and long-lasting design.

Overall length	mm	65	75
Drive	inch	1/4	1/4
1995GM	Each	14,10	14,90



Orig. Gedore red - Art. R47120011

Product description as Art. 1995GM

For drills: Universal E 6.3 with sliding ring and spring for a rapid change of the bits.

Overall length	mm	60
Drive	inch	1/4"
1995GP	Each	13,70

GEDORE

1995GP



Prod. SCU

With two magnets, one inside for bits and one outside, ring-shaped, to hold screws. Depth adjusting by means of 2 knurled rings.

For drills: brass Universal E 6.3.

Overall length	mm	60
Drive	inch	1/4"
1995GR	Each	9,86

SCU

1995GR



Professional standard and extended model, with strong magnetic pull. Provides centring precision.

For drills: Universal E 6.3 with sliding ring nut and very powerful spring for rapid changing of bits and all tools with a 1/4" hex shank C 6.3.

Overall length	mm	65	150	300
1995GT	Each	16,10	19,70	24,10

SCU

1995GT



Magnetic model with detent sphere, for straight or articulated use. High precision centering.

For drills: steel Universal E 6.3

Overall length	mm	100
Drive	inch	1/4"
1995GZ	Each	23,50

SCU

1995GZ



LONG, universal type, made from steel, strong traction magnetic with retaining ring, 1/4" hexagonal shank E 6.3.

Overall length	mm	100	150	200	250
1996G	Each	7,44	8,84	9,04	9,22

SCU

1996G



Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

MAGNETIC ADAPTERS FOR 5/16" BITS, DIN 3126 C 6.3

Prod. SCU

Strong traction, magnetic type with retaining ring. High precision centring. For power drills up to 1000 Watt.

For drills: steel Universal E 6.3

Overall length	mm	60
Drive	inch	5/16"
1996GB	Each	5,58

SCU

1996GB



Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

SOCKET HOLDER ADAPTERS

Prod. SCU

Male adapter, 1/4" hexagonal shank E 6.3, for sockets 1/4" drive. For screwdrivers Pneutec, Bosch, B+D, Skil, Makita, Atlas Copco, Ingersoll etc.

Overall length	mm	50
1996GE	Each	3,64

SCU

1996GE



For a similar Orig. Gedore red adaptor, see Art. 946 GZ.

Product description as Art. 1996GE

Overall length	mm	100
1996GF	Each	13,90

SCU

1996GF





1996GL

SCU



Male adapter, 1/4" hexagonal shank E 6.3, for sockets 1/4" drive.
For screwdrivers Pneutec, Bosch, B+D, Skil, Makita, Atlas Copco, Ingersoll etc.

Overall length	mm	50
1996GL	Each	4,20

1996GL 2

new

SCU



Male adapter, 1/4" hexagonal shank E 6.3, for sockets 1/2" drive.
For screwdrivers Pneutec, Bosch, B+D, Skil, Makita, Atlas Copco, Ingersoll etc.

Overall length	mm	50
1996GL 2	Each	8,28

1996GM

SCU



Male adapter, 1/4" hexagonal shank E 6.3, for sockets 1/4" drive.
For screwdrivers Pneutec, Bosch, B+D, Skil, Makita, Atlas Copco, Ingersoll etc.

Overall length	mm	100
1996GM	Each	18,40

SOCKET REDUCERS FOR INSERT BITS

1997G

SCU



Prod. SCU
For impulse screwdrivers. Burnished finish.

Size		1	2	3
Square drive	inch	1/4	3/8	1/2
Hexagonal tools drive	inch	1/4	1/4	1/4
1997G	Each	13,50	17,40	6,42

For other measures see Art.984 GF – Orig. Gedore.
For ratchet levers for bits see Art. 985 A.

BITS WITH 5/16" HEXAGONAL SHANK, DIN 3126 C 8, FOR SCREWDRIVERS AND ELECTRIC DRILLS

2000GA

SCU



Prod. SCU
Obtained through a particular lathe copying procedure for higher precision and more accurate finish. A particular hardening procedure enables to obtain the maximum hardness, strength and long lasting with perfect transmission of the torque.
Straight head. Total length 41mm.

Type		5.5	5.5A	6.5	8	10	12
Cutting width	mm	5,5	5,5	6,5	8	10	12
Cutting thickness	mm	0,8	1	1,2	1,6	1,6	2
2000GA	Each	1,30	1,30	1,30	1,30	1,78	2,24

2000GB

SCU



Product description as Art. 2000GA
Phillips cross head.

For cross	Gr	1	2	3	4
Overall length	mm	32	32	32	38
2000GB	Each	1,30	1,30	1,30	1,40

2000GC

SCU



Product description as Art. 2000GA
Pozidriv cross head.

For cross	Gr	1	2	3	4
Overall length	mm	32	32	32	38
2000GC	Each	1,30	1,30	1,30	1,40

2000GD

SCU



Product description as Art. 2000GA
TORX head. Total length 35mm.

TORX size	T	20	25	27	30	40	45	50
2000GD	Each	1,58	1,58	1,58	1,58	1,58	1,58	1,58
TORX size	T	55						
2000GD	Each	1,78						

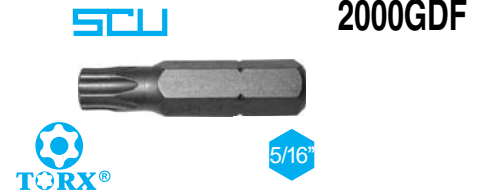
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Product description as Art. 2000GA
TORX head, with hole. Total length 35mm.

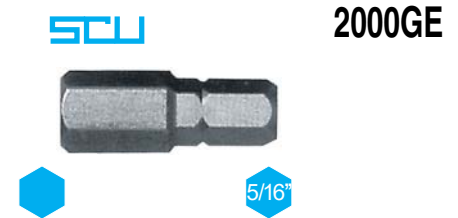
TORX size	T	20	25	27	30	40	45	50
2000GDF	Each	2,06	2,06	2,06	2,06	2,06	2,06	2,06
TORX size	T	55						
2000GDF	Each	2,42						

Size T 55 running out of stock.



Product description as Art. 2000GA
Hexagonal head. Total length 30mm.

Hexagon	mm	3	4	5	6	7	8	10
2000GE	Each	1,30	1,30	1,30	1,30	4,32	1,30	1,40
Hexagon	mm	12		14				
2000GE	Each	2,06		2,34				



Orig. Witte

Product description as Art. 2000GA
Torq - Set® head. Used in particular in the aeronautical sector. Total length 32mm.

Torq-Set size	8	10	1/4	5/16	3/8
Supplier code	27394	27395	27396	27397	27398
2000GT	Each	10,10	10,10	10,10	10,10

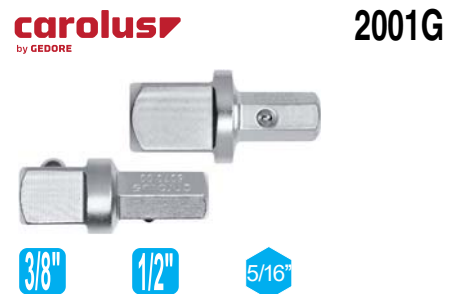


Orig. Carolus

In special steel, hardened.
Chrome plated.
Male socket adapter.

Size	1	2	
Square drive for bushes	inch 3/8	1/2	
Hexagonal tools drive	inch 5/16	5/16	
Supplier code	6070.00	6070.50	
2001G	Each	6,32	4,48

Product running out of stock.



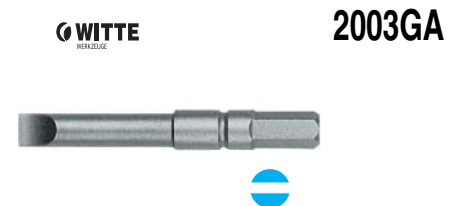
INSERT BITS WITH HEXAGONAL SHANK 5.5MM, DIN 3126, FOR SCREWDRIVERS

Orig. Witte

Milled bits for direct mounting into screwdrivers such as: Bosch, Metabo, AEG, etc. In alloy steel.
The accurate finish and a particular hardening procedure enable perfect transmission of the torque and long lasting.

Straight head. Total length 50mm.

Cutting width	mm	4	4,5	5,5	6	6,5	8
Cutting thickness	mm	0,5	0,6	0,8	1	1,2	1,6
Supplier code		30680	30681	30682	30683	30684	30685
2003GA	Each	5,16	5,16	5,16	5,16	5,16	8,02



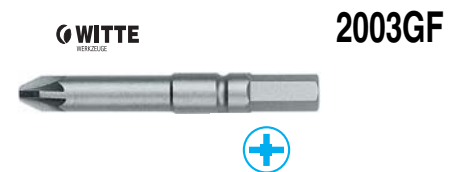
Product description as Art. 2003GA
Phillips cross head. Total length 50mm.

For cross	Gr	1	2	3
Supplier code		30691	30692	30693
2003GB	Each	4,90	4,90	6,78



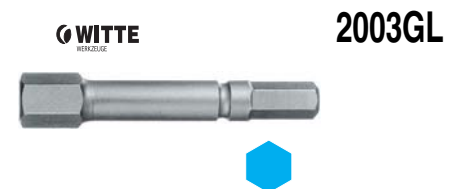
Product description as Art. 2003GA
Pozidriv cross head. Total length 50mm.

For cross	Gr	1	2	3
Supplier code		30701	30702	30703
2003GF	Each	5,16	5,16	7,06



Product description as Art. 2003GA
Hexagonal head. Total length 50mm.

Hexagon	mm	3	4	5	6	8
Supplier code		30753	30754	30755	30756	30758
2003GL	Each	6,60	6,60	6,60	6,60	6,60





INSERT BITS WITH CYLINDRICAL SHANK 7.0MM, DIN 3126 G 7, FOR SCREWDRIVERS

2005GB

SCU



Prod. SCU

Milled bits for direct mounting into screwdrivers such as: Bosch, Metabo, AEG, etc. In alloy steel. The accurate finish and a particular hardening procedure enable perfect transmission of the torque and long lasting.

Phillips cross head. Total length 53mm.

For cross	Gr	3
2005GB	Each	1,84

Product running out of stock.

2005GF

SCU



Product description as Art. 2005GB

Pozidriv cross head. Total length 53mm.

For cross	Gr	1	2	3
2005GF	Each	1,78	1,78	1,78

INSERT BITS WITH HEXAGONAL SHANK 10MM FOR SCREWDRIVERS

2006GA

SCU



Prod. SCU

In CHROME-VANADIUM steel, hardened.

Sandblasted finish.

Hexagonal head.

Type		4	4L	5	5L	6	6L	7	7L
Hexagon	mm	4	4	5	5	6	6	7	7
Overall length	mm	30	75	30	75	30	75	30	75
2006GA	Each	2,08	3,10	2,08	3,10	2,08	3,10	2,08	3,10

Type		8	8L	10	10L	12	12L	14	14L
Hexagon	mm	8	8	10	10	12	12	14	14
Overall length	mm	30	75	30	75	30	75	30	75
2006GA	Each	2,08	3,10	2,08	3,10	2,08	3,10	2,20	3,50

2006GC

SCU



Product description as Art. 2006GA

XZN head.

Type		5	5L	6	6L	8	8L	10
For screws with XZN polyg.	M.	5	5	6	6	8	8	10
Overall length	mm	30	75	30	75	30	75	30
2006GC	Each	2,08	3,10	2,08	3,10	2,08	3,10	2,08

Type		10L	12	12L
For screws with XZN polyg.	M.	10	12	12
Overall length	mm	75	30	75
2006GC	Each	3,10	2,08	3,10

2006GE

SCU

TORX®



Product description as Art. 2006GA

TORX head.

Type		10	10L	15	15L	20	20L	25
TORX size	T	10	10	15	15	20	20	25
Overall length	mm	30	75	30	75	30	75	30
2006GE	Each	2,08	3,10	2,08	3,10	2,08	3,10	2,08

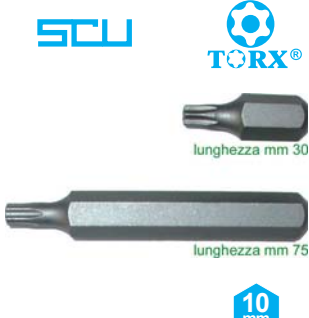
Type		25L	27	27L	30	30L	40	40L
TORX size	T	25	27	27	30	30	40	40
Overall length	mm	75	30	75	30	75	30	75
2006GE	Each	3,10	2,08	3,10	2,08	3,10	2,08	3,10

Type		45	45L	50	50L	55	55L
TORX size	T	45	45	50	50	55	55
Overall length	mm	30	75	30	75	30	75
2006GE	Each	2,08	3,10	2,08	3,10	2,08	3,10

2006GF

SCU

TORX®



Product description as Art. 2006GA

TORX head, with hole.

Type		10	10L	15	15L	20	20L	25
TORX size	T	10	10	15	15	20	20	25
Overall length	mm	30	75	30	75	30	75	30
2006GF	Each	3,10	4,20	3,10	4,20	3,10	4,20	3,10

Type		25L	27	27L	30	30L	40	40L
TORX size	T	25	27	27	30	30	40	40
Overall length	mm	75	30	75	30	75	30	75
2006GF	Each	4,20	3,10	4,20	3,10	4,20	3,10	4,20

Type		45	45L	50	50L	55	55L
TORX size	T	45	45	50	50	55	55
Overall length	mm	30	75	30	75	30	75
2006GF	Each	3,10	4,20	3,10	4,20	3,10	4,20

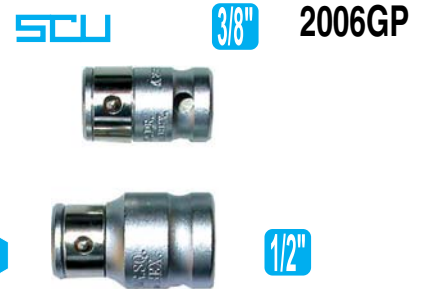
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Prices in EURO . VAT not included

Product description as Art. 2006GA
 Socket reducers for insert bits. Total length 30mm.
 Size

	1	2
Square drive	inch 3/8	1/2
Hexagonal tools drive	mm 10	10

2006GP	Each	3,54	3,92
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ASSORTMENTS OF 1/4" SHANK BITS, DIN 3126 C 6.3

Prod. SCU
 In practical round plastic see-through container, with rotating cover.
 Set of 7 pcs:
 2 bits 5.5 - 7mm
 2 bits Phillips cross head, Size 1 - 2
 2 bits Pozidriv cross head Size 1 - 2
 1 universal magnetic adapter.

2008GA	Each	11,60
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Product description as Art. 2008GA
 Set of 7 pcs:
 6 bits TORX T10-15-20-25-30-40
 1 universal magnetic adapter.

2008GE	Each	12,90
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ASSORTMENTS OF 1/4" SHANK BITS IN COMBIT-BOX, DIN 3126 C 6.3

Orig. Witte - Art. 28454
 In sturdy plastic container, with support function, ideal for universal usage.
 The set contains 11 pcs:
 1 x Phillips cross head bits Art. 1991GBx1
 3 x Phillips cross head bits Art. 1991GBx2
 1 x Pozidriv cross head bits Art. 1991GCx1
 3 x Pozidriv cross head bits Art. 1991GCx2
 1 x Pozidriv cross head bits Art. 1991GCx3
 1 x universal connection with ring E 6.3
 Complete assortment.

2013GA	Each	48,40
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Orig. Witte - Art. 28455
 Product description as Art. 2013GA
 11-tools set:
 1 x Phillips cross head bits Art. 1991GBx1
 2 x Phillips cross head bits Art. 1991GBx2
 1 x Phillips cross head bits Art. 1991GBx3
 1 x Pozidriv cross head bits Art. 1991GCx1
 2 x Pozidriv cross head bits Art. 1991GCx2
 1 x Pozidriv cross head bits Art. 1991GCx3
 2 bits Art. 1991 GAx5,5 - 6.5
 1 x universal connection with ring E 6.3
 Complete set.

2013GB	Each	50,30
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2013GE



1/4"

Orig. Witte - Art. 28456

Product description as Art. 2013GA

The set contains 11 pcs:

- 1 x TORX head bit Art. 1991 GLx10
- 2 x TORX head bit Art. 1991 GLx15
- 2 x TORX head bit Art. 1991 GLx20
- 2 x TORX head bit Art. 1991 GLx25
- 2 x TORX head bit Art. 1991 GLx30
- 2 x TORX head bit Art. 1991 GLx30
- 1 x TORX head bit Art. 1991 GLx40
- 1 x universal connection with ring E 6.3

Complete assortment.

2013GE Each **54,30**

2013GL



TIN

1/4"

Orig. Witte - Art. 28453

Product description as Art. 2013GA

The set contains 11 pcs:

- 1 x "Flex TIN" Phillips cross head bits Art. 1992GRx1
- 3 x "Flex TIN" Phillips cross head bits Art. 1992GRx2
- 1 x "Flex TIN" Phillips cross head bits Art. 1992GRx3
- 1 x "Flex TIN" Pozidriv cross head bits Art. 1992GSx1
- 3 x "Flex TIN" Pozidriv cross head bits Art. 1992GSx2
- 1 x "Flex TIN" Pozidriv cross head bits Art. 1992GSx3
- 1 x universal connection with ring E 6.3

Complete assortment.

2013GL Each **71,40**

ASSORTED BITS, 1/4" RATCHDRIVE CONNECTION

2015GA



A CRICCO

1/4"

Orig. Witte - Art. 251012000

Reversible ratchet handle with built in L+R movement, handy, made from durable plastic material which acts as a container for 1/4 inch attachments, ideal for all types of professional usage.

Contents:

- 1 ratchet handle
- 3 Phillips cross-slotted bits Art. 1991GBx1-2-3
- 3 Pozidriv cross-slotted bits Art. 1991GCx1-2-3
- 1 universal magnetic coupling with ring nut

Complete set.

2015GA Each **36,60**

2015GE



A CRICCO

1/4"

Orig. Witte - Art. 251022000

Product description as Art. 2015GA

Contents:

- 1 ratchet handle
- 6 TORX bits Art. 1991 GL 10-15-20-25-30-40
- 1 universal magnetic coupling with ring nut

Complete set.

2015GE Each **37,20**

2015GL



A CRICCO

TIN

1/4"

Orig. Witte - Art. 251042000

Product description as Art. 2015GA

Contents:

- 1 ratchet handle
- 3 Phillips cross-slotted TIN bits Art. 1991GBEx1-2-3
- 3 Pozidriv cross-slotted TIN bits Art. 1991GCEx1-2-3
- 1 universal magnetic coupling with ring nut

Complete set.

2015GL Each **40,20**



ASSORTMENTS OF 1/4" SHANK BITS, DIN 3126 BITCAS

Orig. Witte - Art. 312012300

In a practical and sturdy plastic package, with transparent lid.

The set contains of 32 pieces:

- 1 Phillips cross-slotted bits Art. 1991GBx1
- 7 Phillips cross-slotted bits Art. 1991GBx2
- 1 Phillips cross-slotted bits Art. 1991GBx3
- 1 Pozidriv cross-slotted bit Art. 1991GCx1
- 7 Pozidriv cross-slotted bits Art. 1991GCx2
- 1 Pozidriv cross-slotted bit Art. 1991GCx3
- 1 TORX bit Art. 1991GLx10
- 2 TORX bits Art. 1991GLx15
- 3 TORX bits Art. 1991GLx20
- 3 TORX bits Art. 1991GLx25
- 2 TORX bits Art. 1991GLx30
- 1 TORX bit Art. 1991GLx40
- 1 male adapter for square drive sockets 1/4 "
- 1 universal magnetic adapter 60 mm.

The complete set.

2015GP Each 38,90

WITTE WERKZEUGE

2015GP new



1/4"

1/4"

Prod. SCU

In convenient metal case.

The set contains 31 pcs:

- 3 x Phillips cross head bits Art. 1991GBx1
- 9 x Phillips cross head bits Art. 1991GBx2
- 3 x Phillips cross head bits Art. 1991GBx3
- 3 x Pozidriv cross head bits Art. 1991GCx1
- 9 x Pozidriv cross head bits Art. 1991GCx2
- 3 x Pozidriv cross head bits Art. 1991GCx3
- 1 x universal magnetic adapter Art. 1995 GA

Complete assortment.

2016GB Each 40,70

SCU

2016GB



1/4"

Product description as Art. 2016GB

The set contains 31 pcs:

- 3 x Phillips cross head bits Art. 1991GBx1
- 6 x Phillips cross head bits Art. 1991GBx2
- 3 x Phillips cross head bits Art. 1991GBx3
- 3 x Pozidriv cross head bits Art. 1991GCx1
- 6 x Pozidriv cross head bits Art. 1991GCx2
- 3 x Pozidriv cross head bits Art. 1991GCx3
- 1 x TORX head bit Art. 1991 GLx10
- 1 x TORX head bit Art. 1991 GLx15
- 1 x TORX head bit Art. 1991 GLx20
- 1 x TORX head bit Art. 1991 GLx25
- 1 x TORX head bit Art. 1991 GLx30
- 1 x TORX head bit Art. 1991 GLx40
- 1 x universal magnetic adapter Art. 1995 GA

Complete assortment.

2016GE Each 41,90

SCU

2016GE



1/4"

Orig. Witte - Art. 28477

In a practical and sturdy plastic package.

Set of 10 pieces:

- 1 Phillips bit Art. 1994RAX1
- 1 Phillips bit Art. 1994RAX2
- 1 Phillips bit Art. 1994RAX3
- 1 Pozidriv bit Art. 1994RBx1
- 1 Pozidriv bit Art. 1994RBx2
- 1 Pozidriv bit Art. 1994RBx3
- 1 TORX impression bit Art. 1994REx15
- 1 TORX impression bit Art. 1994REx20
- 1 TORX impression bit Art. 1994REx25
- 1 TORX impression bit Art. 1994REx30

Complete set.

2018G Each 45,40

WITTE WERKZEUGE

2018G



1/4"

By ordering 12 pcs. will be provided a cardboard box with the function of counter display.



ASSORTMENT OF INTERCHANGEABLE BLADE SCREWDRIVERS

2021G

SCU



1/4"

Prod. SCU

Assortment of interchangeable blades, reversible, length 175mm, 1/4" hexagonal. Handle in two-component material with 1/4" hexagonal shank. In sturdy case.

The set contains 12 pcs:

- 1 handle
 - 1 straight-cut blade 3.5/4mm
 - 1 straight-cut blade 5.5/6.5mm
 - 1 cross-cut blade PH 1/PZD 1
 - 1 cross-cut blade PH 2/PZD 2
 - 1 blade for hexagons 3mm/sphere-shaped 3mm
 - 1 blade for hexagons 4mm/sphere-shaped 4mm
 - 1 blade for hexagons 5mm/sphere-shaped 5mm
 - 1 blade for hexagons 6mm/sphere-shaped 6mm
 - 1 blade TORX T 10/T 15
 - 1 blade TORX T 20/T 25
 - 1 blade TORX T 30/T 40
- Complete assortment.

2021G Each 78,30

Loose blades available on request.

DISPLAY UNITS FOR 1/4 SHANK BITS, DIN 3126 WITTE - CENTER

2022G

WITTE
WERKZEUGE

1/4"

Orig. Witte

With transparent drawers in sturdy synthetic material. For practical storage and easy access to bits, thanks to the clear description on each single drawer.

A perfect solution for a complete assortment in narrow spaces.

Dimensions with advertising sign mm 280x150x340 h.

The set contains 263 pcs in 16 drawers:

- | | |
|------------------------|-----------------------|
| 10pcs Art. 1991 GAx4 | 10pcs Art. 1991 GEx5 |
| 10pcs Art. 1991 GAx4.5 | 10pcs Art. 1991 GEx6 |
| 10pcs Art. 1991 GAx5.5 | 10pcs Art. 1994 GLx1 |
| 10pcs Art. 1991 GAx6 | 10pcs Art. 1994 GLx2 |
| 10pcs Art. 1991 GAx6.5 | 5pcs Art. 1994 GLx3 |
| 5pcs Art. 1991 GAx8 | 10pcs Art. 1991 GLx9 |
| 5pcs Art. 1991 GBx0 | 10pcs Art. 1991 GLx10 |
| 20pcs Art. 1991 GBx1 | 10pcs Art. 1991 GLx15 |
| 20pcs Art. 1991 GBx2 | 10pcs Art. 1991 GLx20 |
| 10pcs Art. 1991 GBx3 | 5pcs Art. 1991 GLx25 |
| 10pcs Art. 1991 GCx1 | 5pcs Art. 1991 GLx27 |
| 10pcs Art. 1991 GCx2 | 5pcs Art. 1991 GLx30 |
| 5pcs Art. 1991 GEx2.5 | 5pcs Art. 1991 GLx40 |
| 10pcs Art. 1991 GEx3 | 3pcs Art. 1995 GB |
| 10pcs Art. 1991 GEx4 | Complete display unit |

2022G Each 200,80

2023G

WITTE
WERKZEUGE

1/4"

Product description as Art. 2022G

Dimensions with advertising sign mm 410x150x470 h.

450 pcs in 42 drawers:

- | | | |
|------------------------|------------------------|-----------------------|
| 10pcs Art. 1991 GAx4 | 10pcs Art. 1991 GLx6 | 10pcs Art. 1994 GLx2 |
| 10pcs Art. 1991 GAx4,5 | 10pcs Art. 1991 GLx7 | 5pcs Art. 1994 GLx3 |
| 10pcs Art. 1991 GAx5,5 | 10pcs Art. 1991 GLx8 | 5pcs Art. 1994 GMx1 |
| 10pcs Art. 1991 GAx6 | 10pcs Art. 1991 GLx9 | 5pcs Art. 1994 GMx2 |
| 10pcs Art. 1991 GAx6,5 | 10pcs Art. 1991 GLx10 | 3pcs Art. 1994 GMx3 |
| 5pcs Art. 1991 GAx8 | 10pcs Art. 1991 GLx15 | 5pcs Art. 1994 GPx4 |
| 10pcs Art. 1991 GBx0 | 10pcs Art. 1991 GLx20 | 5pcs Art. 1994 GPx5 |
| 20pcs Art. 1991 GBx1 | 5pcs Art. 1991 GLx25 | 5pcs Art. 1994 GPx6 |
| 20pcs Art. 1991 GBx2 | 5pcs Art. 1991 GLx27 | 5pcs Art. 1994 GTx10 |
| 10pcs Art. 1991 GBx3 | 5pcs Art. 1991 GLx30 | 5pcs Art. 1994 GTx15 |
| 10pcs Art. 1991 GCx0 | 5pcs Art. 1991 GLx40 | 3pcs Art. 1994 GTx20 |
| 20pcs Art. 1991 GCx1 | 2pcs Art. 1991 GR | 3pcs Art. 1994 GTx25 |
| 20pcs Art. 1991 GCx2 | 10pcs Art. 1994 GHx4 | 3pcs Art. 1995 GA |
| 10pcs Art. 1991 GCx3 | 10pcs Art. 1994 GHx4,5 | 3pcs Art. 1995 GB |
| 5pcs Art. 1991 GEx2,5 | 10pcs Art. 1994 GHx5,5 | 2pcs Art. 1995 GC |
| 10pcs Art. 1991 GEx3 | 10pcs Art. 1994 GHx6 | 2pcs Art. 1995 GD |
| 10pcs Art. 1991 GEx4 | 10pcs Art. 1994 GHx6,5 | 2pcs Art. 1995 GL |
| 10pcs Art. 1991 GEx5 | 5pcs Art. 1994 GHx8 | 2pcs Art. 1995 GF |
| 10pcs Art. 1991 GEx6 | 10pcs Art. 1994 GLx1 | Complete display unit |

2023G Each 610,04



SETS OF INSERT BITS WITH HEXAGONAL SHANK 10MM FOR SCREWDRIVERS

Prod. SCU

In CHROME-VANADIUM steel, hardened.
Sandblasted finish.

Supplied in practical metal case.

Each set contains 40 items:

- 1 pcs. for type Art. 2006 GA x 4-4L-5-5L-6-6L-7-7L-8-8L-10-10L-12-12L
 - 1 pcs. for type Art. 2006 GC x 5-5L-6-6L-8-8L-10-10L-12-12L
 - 1 pcs. for type Art. 2006 GE x 20-20L-25-25L-30-30L-40-40L-45-45L-50-50L-55-55L
 - 1 pcs. for type Art. 2006 GP x 1
 - 1 pcs. for type Art. 2006 GP x 2
- Sold as complete set.

2025G Each **88,80**

SCU



2025G



GAUGES FOR TORX SCREWS

Orig. Gedore - Art. 708

In synthetic material, easy to use for establishing widths of the following screws: TORX - TORX with male hole T10 to T60 and female TORX screws E4 to E16.

2030G Each **8,44**

GEDORE



2030G



APPARATUS FOR MAGNETIZATION AND DEMAGNETIZATION

Prod. SCU

Body made of unbreakable plastic material, without cadmium.
For magnetizing and demagnetizing screwdriver blades, bits, etc.

2040G Each **10,30**

SCU

2040G



SAFETY VEST

Prod. SCU

Colour: yellow. In polyester with horizontal reflective stripes.
In compliance with AG-02 EN 471 standard.
One size fits all XXL.
Ideal when it is necessary to be visible.

2050 Each **6,02**

SCU

2050



CLIMBING IRONS

Prod. SCU

Model for wooden poles, made to the highest quality. Arches each have 3 claws, in special forged steel, tested piece by piece as specified by DIN 54130 standards, for use with cracks, material blowholes, or for manufacturing defects.
Robust footrests made from sheet steel plating, ribbings, fastening belts, and heavy heels made from genuine leather. Workload of 400 kg. Tensile strength of 800 kg. Galvanised finish.
Manufactured according to DIN 48345 standards.
For posts from Ø 150 to 260mm.

2060G Per pair **634,00**

SCU

2060G



POST FIXING BRACKETS for cement or steel posts available on request.



SAFETY BELTS

2062

SCU

**Prod. SCU**

Work positioning type with 2 rings and steel fastening buckle.
In polyamide, with strong seams, 3 nylon rings for tools and anatomical back pad for maximum comfort. Adjustable waist size: 85cm-120cm. With safety rope, karabiner and buckle. In compliance with UNI-EN 358 standards.

2062 Each 76,80

Product running out of stock.

Spare safety rope, length 2m, with spring catch and buckle for Art. 2062.

O2062 Each 38,10

Product running out of stock.

2063A

SCU



Fall arrest harness, with dorsal junction and 2 steel buckles. Adjustable, polyamide band with strong seams. In compliance with UNI-EN 361 standards.

2063A Each 37,50

Product running out of stock.

2063E

SCU



Fall arrest harness, with dorsal junction.
2 strong buttonholes and karabiner for chest supplementary fastening.
Adjustable, polyamide band with strong seams.
In compliance with UNI-EN 361 standards.

2063E Each 65,70

Product running out of stock.

2064A

SCU



Combination of harness Art. 2063 A and positioning belt 2062.
In compliance with UNI-EN 358/361 standards.

2064A Each 137,00

When runnin out of stock, the same belts will be provided in black.
Product running out of stock.



Combination of harness Art. 2063 E and positioning belt 2062.
In compliance with UNI-EN 358/361 standards.

2064E Each **161,00**

**When running out of stock, the same belts will be provided in black.
Product running out of stock.**

SCU **CE** **2064E**



SAFETY ACCESSORIES

Prod. SCU

Fall arrest device, made from special steel.
Supplied with fibre rope and 2 safety snap hooks.
Rope length: 10m.

2070F Each **194,00**

Product description as Art. 2070F
Rope length: 20m.

2070L Each **211,00**

SCU **CE** **2070F**
2070L



Dissipator device that absorbs energy after a fall. Supplied with polyamide rope, strap with high ultimate tensile strength and 2 safety karabiners. Total length: 2m approx. It can be equipped with scaffolding anchor pliers.

2070P Each **103,00**

SCU **CE** **2070P**



Scaffolding anchor pliers, opening Ø 100 mm.

2070S Each **56,20**

Product running out of stock.

Scaffolding anchor pliers, opening Ø 140 mm.

2070T Each **59,60**

Product running out of stock.

SCU **CE** **2070S**
2070T



INDUSTRIAL SAFETY HELMETS

Prod. SCU

Reinforced helmet in polyethylene with adjustable shell and sweatband.
Made in compliance with EN 397 standards.
Yellow color.

2071A Each **8,40**

SCU **CE** **2071A**



Product description as Art. 2071A
White colour.

2071B Each **8,40**

For muffs to be mounted on helmets 2071 B see Art. 2071 BE.

SCU **CE** **2071B**



**2071B 50**
*new***SCU**

Protective visor with colorless polycarbonate screen, tilting, to be mounted on helmets Art. 2071 A and 2071 B.

Complies with European standards EN 166.

Dimensions cm 27x20.

2071B 50 Each **37,90****2071BA****SCU**

Reinforced helmet in polyethylene with adjustable shell.

Integrated polycarbonate protective goggles that can be lowered.

Made in compliance with CE/EN 397/440V and EN 166 standards.

2071BA Each **140,00****EAR PROTECTORS****2071BC****SCU**

Prod. SCU

Professional model, with electronic control, for both maximum insulation and better communication with other people. Means that an acoustic pressure of 82 dB is never exceeded, either indoors or outdoors. With shells made from plastic shock proof material; ear cushions made from sound absorbing material. Adjustable to give the best position and fit. Can rest on top of the head, behind the neck or under the chin. Manufactured in compliance with EN 352-1:2002-EN 352-4:2001-ANSI S3.19. Headband and rotating ear shells, with extra padding for maximum comfort.

Operates using 2 alkaline batteries (AA type - Art. 3600 E), not provided.

Operating temperature: -6 °C to +40 °C.

2071BC Each **85,60****2071BE****SCU**

Model for direct helmet application as for Art. 2071 B and per helmets of other brands.

Coupled with impact resistant plastic, sound insulated padding. Adjustments for providing the best positioning and grip. Manufactured according to EN 352-1 standards. Strongly insulated for constant noise environments.

2071BE Per pair **29,80****2071C****SCU**

With shock-proof plastic shells; ear cushions in sound absorbing material.

Adjustable to obtain optimal positioning and fit. Supported over the head, behind the neck or under the chin.

Made in compliance with EN 352-1 standards.

Maximum insulation type for high noise. Adjustable and padded ear cups.

2071C Each **25,40**



Product description as Art. 2071C
Strong insulation type for constant noise. Headband and adjustable, padded ear shells.

2071D Each **37,70**

SCU **CE** **2071D**



Very high quality/price ratio. With shells made from plastic shock proof material; ear cushions made from sound absorbing material. Adjustable to give the best position and fit. Can rest on top of the head, behind the neck or under the chin. Manufactured in compliance with EN 352-1.

High insulation type for strong noise. Adjustable headband and ear cups, padded.

2071DA Each **21,10**

SCU **CE** **2071DA**



With shells in shock-proof plastic material; ear cushions in sound absorbing material. Adjustable to obtain optimal positioning and fit. Supported over the head, behind the neck or under the chin. Compliant with EN 352-1 standards. Standard type, with padded rotating ear shells.

2071E Each **15,10**

SCU **CE** **2071E**



EAR PLUGS

Prod. SCU
In foam, soft and comfortable material.
In package unit of 250 pairs.

2071F Pack **130,00**

SCU **CE** **2071F**



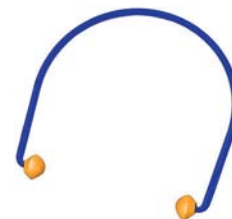
With headband and round-shaped plugs, in soft, washable plastic material. Indicated for high constant noise.

2071H Each **11,10**

Pair of spare plugs for Art. 2071 H.

OT2071H Per pair **5,78**

SCU **CE** **2071H**



With cord and cone-shaped plugs in soft, washable plastic material. Indicated for strong discontinuous noises.

2071M Each **5,60**

SCU **CE** **2071M**





ANTI-DUST MASKS

2071M 6 SCU



Prod. SCU

Standard type, fits over the face, made in a material that protects against gross dusts, wood dusts, calcium carbonate, salt, cellulose, smog, fumes, etc.

2071M 6 Each 0,32

2071P SCU CE



Professional type with double layer filter, with upper sealing edge, nose clip and heat-sealed elastics.

Apt for protection against both solid and liquid aerosols, containing calcium carbonate, magnesium, cement, softwoods, light metals, etc. for contaminants in concentrations up to 4 times the Threshold Limit Value (TLV).

In compliance with CE-EN 149 standards. Level FFP1.

2071P Each 1,58

2071P 1 SCU CE



Professional with double layer filter, with exhalation valve, upper sealing edge, nose clip and heat-sealed elastics.

Suitable for protection against solid and liquid aerosols, containing calcium carbonate, magnesium, cement, softwood, light metals, etc., for concentrations of contaminants up to 4 times the Threshold Limit Value (TLV).

Complies with CE-EN 149 Standard FFP1.

2071P 1 Each 2,92

2071P 2 SCU CE



Product description as Art. 2071P 1

Suitable for protection against solid and liquid aerosols, containing glass fibre, quartz, hard wood, heavy metals, etc., for concentrations of contaminants up to 12 times the Threshold Limit Value (TLV).

2071P 2 Each 3,56

2071P 3 SCU CE



Professional with double layer filter, with exhalation valve, upper sealing edge, nose clip and heat-sealed elastics.

Suitable for protection against solid and liquid aerosols, containing asbestos fibre, heavy metals such as chromium, nickel, lead, active pharmaceutical ingredients, etc. for concentrations of contaminants up to 50 times the Threshold Limit Value (TLV).

In accordance with standards EC-EN 149 Level FFP3.

2071P 3 Each 6,08



Professional with double layer filter, with exhalation valve, total sealing edge, nose clip and adjustable elastics.

Suitable for protection against solid and liquid aerosols, containing asbestos fibre, heavy metals such as chromium, nickel, lead, active pharmaceutical ingredients, etc. for concentrations of contaminants up to 50 times the Threshold Limit Value (TLV).

In accordance with standards EC-EN 149 Level FFP3.

2071P 4 Each **9,06**

SCU **CE** **2071P 4**



Type with a active carbon layer filter, with upper sealing edge, nose clip and heat-sealed elastics.

Apt for protection against both solid and liquid aerosols, containing calcium carbonate, magnesium, cement, softwoods, light metals, etc. and unpleasant odors of organic gases and vapors at low concentrations up to 4 times the Threshold Limit Value (TLV).

In compliance with CE-EN 149 standards. Level FFP1.

2071P 6 Each **3,88**

SCU **CE** **2071P 6**



Industrial type, with active carbon filter and expiratory valve. With upper sealing edge and nose clip.

Apt for protection against both solid and liquid aerosols, containing paint brush, harmful dust, hardwoods, etc. and unpleasant odors of organic gases and vapors at medium concentrations up to 12 times the Threshold Limit Value (TLV).

CE-EN 149 compliant. Level FFP2.

2071R Each **5,52**

SCU **CE** **2071R**



Industrial type, with active carbon filter and expiratory valve. With upper total sealing edge, nose clip and adjustable elastics.

Protection as Art. 2071 R, but also suitable for spray painting and welding.

In compliance with CE-EN 149 standards. Level FFP2.

2071T Each **9,40**

SCU **CE** **2071T**



Foldable industrial type, with double layer filter, expiratory valve and internal nose clip.

Perfectly fits over the face.

Apt for protection against both solid and liquid aerosols, containing glass fiber, quartz, hardwoods, heavy metals, etc., for concentrations of contaminants up to 12 times the Threshold Limit Value (TLV).

2071Z Each **3,56**

SCU **CE** **2071Z**



Foldable headband model with double-layer filter, exhalation valve, internal nose clip and heat sealed elastics. Perfectly adaptable to the face.

Suitable for protection against solid and liquid aerosols, containing asbestos fibre, heavy metals such as chromium, nickel, lead, active pharmaceutical ingredients, etc. for concentrations of contaminants up to 50 times the Threshold Limit Value (TLV).

In accordance with standards EC-EN 149 Level FFP3.

2071Z 3 Each **8,24**

SCU **CE** **2071Z 3**





PROTECTIVE HELMETS

2071ZA

SCU

**Prod. SCU**

Professional half mask EN 140, bi-filter, interchangeable filters with claw couplings, reusable. In thermoplastic rubber with comfortable adjustable headband. Adjustable buckle sealing on the neck. Very comfortable, fast and safe filter change.
Provided WITHOUT FILTERS.

2071ZA Each 30,20

2071ZC

SCU



Professional FULL MASK EN 136, bi-filter, interchangeable filters with claw couplings, reusable. Polycarbonate visor, tested in optical class EN 166, treated anti-fog, anti-scratch and anti-acid. Internal oronasal type, faceseal in soft, ergonomic silicone rubber, hypoallergenic and long lasting. Exhalation valve with anti-spatter cover. Adjustable fixing system, in high comfort for the user's face. Fast and safe filter change. One size.
Provided WITHOUT FILTERS.

2071ZC Each 200,00

2071ZE

SCU



Interchangeable filters with bayonet coupling for masks 2071 ZA and 2071 ZC. Complies with EN 14387 (for gas and combined substances) and EN 143 (for particulates). P3R type. From toxic dust protection.

2071ZE Each 10,60

2071ZF

SCU



Product description as Art. 2071ZE

A2 type. Protection against gases and organic vapors, class 2.

2071ZF Each 9,16

2071ZG

SCU



Product description as Art. 2071ZE

A2P3R type. protection against gases and organic vapors, class 2 and toxic dust.

2071ZG Each 17,90

2071ZH

SCU



Product description as Art. 2071ZE

A1B1E1K1P3R type. Protection against gases and organic vapors, inorganic, acids, ammonia and derivatives, class 1 and toxic dust.

2071ZH Each 21,10


TOOL POCKETS
Prod. SCU

Professional type in sturdy polyester. Reinforcement seams and studs.
 1 x central space and 8 x compartments (2 external ones). For belts max 50mm high.
 Dimensions: 180x90x270h mm.

2071ZL Each 16,80

For pouches Art. 2071 ZL complete with tools see Art. 985 GA 13.

2071ZL


Product description as Art. 2071ZL

2 x central space, 4 x band internal through compartments, 1 x external pocket, 2 x side compartments and hammer holding ring. For belts max 50mm high.
 Dimensions: 180x130x260h mm.

2071ZM Each 24,30

For pouches Art. 2071 ZM complete with tools see Art. 359 A - 985 GA 16.

2071ZM

UNIVERSAL BAGS
Prod. SCU

Handy box professional type in sturdy polyester. Reinforcement seams and studs.
 With large central space, closure and 18 x tool internal compartments. 9 x external pockets for tools and objects (cell phone, pens, etc.). Padded carrying handle. Support through belt for combined use with handy box-trolley Art. 2071 ZT. Weight: 2kg.
 Dimensions: 410x250x330h mm.

2071ZP Each 77,60

For bags Art. 2071 ZP complete with tools see Art. 985 GM.

2071ZP


Handy box professional type with incorporated trolley, 2 hard rubber wheels on ball bearings and telescopic handle. In sturdy polyester. Reinforcement seams and studs.

With large central space, closure and 16 x tool internal compartments. 7 x external pockets for tools and objects (smartphone, pens, etc.). Lower space with zip and plastic storage case.
 Padded carrying handle. Weight: 4.3kg.
 Dimensions: 410x260x480h mm.

2071ZT Each 147,00

For bags Art. 2071 ZT complete with tools see Art. 359 P - 985 P.

2071ZT

TOOL RUCKSACKS
Prod. SCU

Professional type in sturdy reinforced polyester. Additional seams, very convenient and resistant.

With large central space and zip where a padlock can be used. With several internal spaces and compartments for tools and documents. 6 x front pockets (different size) for tools and small objects (smartphone, pens, etc.). Adjustable padded shoulder straps, carrying handle. Weight: 1.3kg.
 Dimensions: 320x120x400h mm.

2071ZV Each 46,40

For rucksacks Art. 2071 ZV complete with tools see Art. 985 G 25.

2071ZV




COMBINED TOOL BAGS

2072

SCU



Prod. SCU - Orig. Hepco & Becker

Professional type made from sturdy reinforced polyester, cut and abrasion resistant, particularly suited to carry tools and laptop computers or electrical equipment. All fastenings are with zips. Fitted with large central compartment with partition, 2 large side compartments that open to 90° with tool holders and pocket for documents, 2 small pockets at the front and rear for smaller objects, handle and adjustable carrying strap.

Weight Kg 2.6.

Dimensions	mm	440x330x230 h
2072	Each	112,00

TOOL VESTS

2072 1

SCU



Prod. SCU

Professional type in reinforced polyester, particularly comfortable and sturdy. Zip closure, with multi-purpose pockets of different dimensions, pen holder pocket, through-hole for coat-holding, 1x tongue-shaped karabiner hook.

One size fits all with 4 adjusting buckles.

2072 1	Each	64,10
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SITTING TOOL BAGS

2072 3

SCU



Prod. SCU - Orig. Hepco & Becker

Practical combination of capacious tool package and folding stool with a high load capacity (120 Kg). In reinforced polyester, particularly functional and robust. 1 very large compartment with practical packages and pockets and tool holders, removable. All fastenings are with zips. Fitted with 1 side pocket with velcro fastener. Suitable for professional use.

Dimensions	mm	350x280x360 h
2072 3	Each	85,40

Product running out of stock.

UNIVERSAL BAGS

2072 6A

SCU



Prod. SCU

In leather. Reinforced stitches and studs. With multiple pockets for nails, screws, hammer, pliers, pincers, 1 leather side hook and central support. With Nylon belt, adjustable. Ideal for carpenters, maintenance operators, builders, etc.

Dimensions	mm	210x210
2072 6A	Each	19,80

2072 9

SCU



Prod. SCU - Orig. Hepco & Becker

Professional type made of reinforced polyester, cut and abrasion resistant. With multiple pockets for nails, hardware items, hammer, pliers, pincers, side hooks and metal central support for tools with clips. Adjustable belt. Snap fastening. Ideal for carpenters, maintenance technicians, builders, joiners, etc.

Dimensions	mm	550x210
2072 9	Each	37,10



Prod. SCU

In bovine crust leather. Reinforcement seams and studs. With multiple pockets for nails, small parts, hammer, pliers, tongs, 2 lateral leather hooks and centre support. With adjustable nylon belt. Ideal for carpenters, maintenance personnel, building personnel, joiners etc.

Dimensions	mm	550x210
2072 10	Each	19,10



SCU

2072 10

In genuine hide, belt with buckle and ring. 3 compartments plus one big pocket.

Dimensions	mm	240x60x350 h
2072A	Each	54,40

SCU

2072A



BELTS

Orig. Peddinghaus - Art. 00004100LB

Entirely made of strong leather, 3 mm thick. Length 1350 mm, can be shortened, width 45 mm. With buckle and loop. Ideal for use with packages Art. 2071 ZL - ZM - 2072 4.

2072L	Each	24,50
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2072L



UNIVERSAL BAGS

Prod. SCU

In leather reinforced in the front, back and bottom with faesite. Inside tool holder, carrying strap and bottom studs. With 2 buckle locks. Colour: black. Indicated for electricians, aerial fitters, etc.

Dimensions	mm	350x120x250 h
2073B	Each	44,70

Panels with elastic bands Art. 2073 B.

O2073B	Each	13,70
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Product description as Art. 2073B

Dimensions	mm	400x120x250 h
2073C	Each	47,60

Panels with elastic bands Art. 2073 C.

O2073C	Each	14,10
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Product description as Art. 2073B

Dimensions	mm	450x120x250 h
2073D	Each	49,90

Panels with elastic bands Art. 2073 D.

O2073D	Each	14,20
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SCU

2073B
2073C
2073D



8

In leather reinforced in the front, back and bottom with faesite. Handle, carrying strap and bottom studs. Lateral edges steel reinforcement. With 2 buckle locks. Colour: black. Indicated for electricians, aerial fitters, etc.

Art.	2073F	2073L
Dimensions	mm 430x180x250 h	450x200x250 h
Each	74,60	77,50

SCU

2073F
2073L





2074A
2074B
2074C
2074E

SCU



In genuine, natural, heavy-duty leather.
Sturdy, accurate seams, carrying strap and 2 buckle locks in genuine leather.
Colour: black. For electricians, aerial fitters, etc.

Art.	2074A	2074B	2074C	2074E
Dimensions	mm 300x110x200 h	350x115x220 h	400x140x250 h	500x150x250 h
Each	62,80	70,10	77,10	89,70

2074P
2074R
2074S

SCU



In leather reinforced in the front, back and bottom with faesite.
With carrying strap, corner reinforcements and bottom studs. Colour: black.
Indicated for plumbers, installers, etc.

Art.	2074P	2074R	2074S
Dimensions	mm 400x180x180 h	450x200x200 h	550x180x180 h
No. of closures	2	2	3
Each	54,90	68,20	60,30

2074V
2074Z

SCU



In leather reinforced in the front, back and bottom with faesite.
With carrying strap, corner reinforcements and bottom studs. Lateral edges steel reinforcement.
Colour: black.
Indicated for plumbers, installers, etc.

Art.	2074V	2074Z
Dimensions	mm 450x200x200 h	550x180x180 h
No. of closures	2	3
Each	76,10	63,20

2075

SCU



In genuine, natural, heavy-duty leather.
Sturdy structure, accurate seams, carrying strap and 2 buckle locks in genuine leather. Bottom studs. Colour: black. Indicated for plumbers, installers, etc.

Dimensions	mm 400x180x180 h
2075	Each 85,40

2075F
2075P
2075S

SCU



Heavy-duty type, maximum stability.
In genuine natural leather, accurate outside hand seams allow maximum use of the inside room.
With inside masonite reinforcements, corner reinforcements and bottom studs.
Carrying strap and 2 buckle locks in genuine leather.
Colour: black. Indicated for plumbers, installers, etc.

Art.	2075F	2075P	2075S
Dimensions	mm 350x180x180 h	400x180x180 h	450x180x180 h
Each	96,90	103,00	108,00

For universal bags Art. 2075 S complete with tools see Art. 986 G/8.



Tool roll type. With strap catch and buckle lock. In synthetic fabric and PVC.
Seams on the contour profiles and between push-in compartments.

With 5 pockets.

Dimensions	mm	280x305
2076GA	Each	8,86

Product description as Art. 2076GA

With 8 pockets.

Dimensions	mm	400x300
2076GB	Each	9,58

Product description as Art. 2076GA

With 10 pockets.

Dimensions	mm	500x325
2076GBB	Each	9,98

Product description as Art. 2076GA

With 12 pockets.

Dimensions	mm	560x325
2076GC	Each	10,90

Product description as Art. 2076GA

With 15 pockets.

Dimensions	mm	660x330
2076GD	Each	12,30

Product description as Art. 2076GA

With 20 pockets.

Dimensions	mm	750x330
2076GE	Each	14,50

For universal bags Art. 2076 GE complete with tools see Art. 985 GL.

SCU

**2076GA
2076GB
2076GBB
2076GC
2076GD
2076GE**



Prod. SCU - Orig. Hepco & Becker

Professional envelope model, made from sturdy reinforced polyester, which is resistant to punctures and abrasion. Zipper fastener. 7 pocket slots, 31 elastic slots, transparent pocket card holders, and a small storage pocket with a pressure lock. Weight 0.5 kg.

Dimensions	mm	345x255x45 h
2076GL	Each	35,90

SCU

2076GL



package type with shoulder strap. In extra-thick leather.
Large compartment for tools, adjustable housings, with bottom studs.
Snap lock with key. Weight 1.2 Kg.

Dimensions	mm	220x140x250 h
2076GP	Each	122,00

SCU

2076GP



Briefcase model with handle and latches complete with keys.
In thick resistant fabric, which is also resistant to cuts and abrasion.
Has a reinforced bottom and side edges made from sheet metal. Large central section with pocket slots on the rear exterior, rubber band casing on the front, and a wall which can be opened for easy removal. Slots on the side walls. Exterior pocket for documents.
Fastenings for belts and straps are included. Weight 3.2 kg.

Dimensions	mm	420x160x250 h
2077GA	Each	108,00

SCU

2077GA



**2077GD 5** SCU

Case type with handle.

In leather, snap locks with keys.

Bottom and side walls reinforced with metal plate. Ample central compartment with adjustable holders.

Dimensions	mm	420x155x255 h
2077GD 5	Each	162,00

For bags Art. 2077 GD 5 complete with tools see Art. 986 G 6. For conveyor belts see Art. 2078 GH.

2077GF 6 SCU**Prod. SCU - Parat**

Case type with handle.

In leather reinforced by aluminium profiles, bottom tray and sides in synthetic, unbreakable oil-proof material, quick-action locks with keys. Huge middle compartment and 2 middle walls with holders. Fold-out front wall for easy access and front pocket. Connections for conveyor belts.

Dimensions	mm	420x160x270 h
2077GF 6	Each	173,00

For carrying straps see Art. 2078 GH.

2077GH SCU

Case type with handle.

In reinforced leather, quick-action locks with keys.

Steel bottom tray reinforcement. Middle compartment. Middle wall with push-in compartments. Fold-out, hinged front wall for easy access. Weight: 3.0kg

Dimensions	mm	400x140x280 h
2077GH	Each	186,00

2077GM SCU

Case type with handle.

In leather, aluminium framed, 2 quick-action locks with keys.

Huge middle compartment, middle walls with tool holders.

Fold-out front wall for easy access.

Connections for conveyor belts.

Weight: 2.9kg

Dimensions	mm	440x185x300 h
2077GM	Each	212,00

For carrying straps see Art. 2078 GH.

Product running out of stock.


Prod. SCU - Orig. Hepco & Becker

Carrying case model with handle. CRIn leather, snap closure and keys.
 With bottom and front edges reinforced with metal.
 Large central compartment, walls with adjustable and fixed housings.
 Front wall can be opened.
 Hooks for carrying straps.
 Weight 3.4 Kg.

Dimensions	mm	470x160x310 h
2077GP	Each	222,00

For conveyor belts see Art. 2078 GH.


2077GP

Prod. SCU - Parat

Case type with handle and drawers.
 In sturdy skay, artificial leather, with quick-action locks and keys. 5 extractable step drawers of which 1 with dividers for small parts. Bottom studs. Weight. 3.4kg

Dimensions	mm	410x130x310 h
2078G 5	Each	106,00

Product running out of stock.


2078G 5


Case type with handle and drawers.

In sturdy skay, artificial leather, with quick-action locks and keys.
 5 extractable step drawers, of which 1 with dividers for small parts and back compartment.
 Bottom studs. Weight: 3.7kg

Dimensions	mm	410x170x310 h
2078G 8	Each	165,00

Product running out of stock.


2078G 8

8

Case type with ergonomic handle and drawers.

In sturdy skay, artificial leather, with aluminium corner reinforcements.
 With quick-action locks and keys. 4 extractable, very deep drawers, of which 1 with dividers for small parts, portable carrying insert in sturdy synthetic material.
 Huge back compartment with walls equipped with tool holders. Bottom studs. Weight 4.0kg

Dimensions	mm	410x190x280 h
2078GD	Each	254,00


2078GD




UNIVERSAL BAGS WITH WHEELS

2078GE SCU



Prod. SCU - Parat

Case type with integrated wheels and telescopic, 4 positions system, total length 1020mm. Sturdy and ergonomic handles. High speed sliding wheels, spaces for maximum stability. In leather with aluminium, corner reinforcements. With special quick-action locks and keys. 3 walls with patented stowage system allow easy and precise tool holding, individually adaptable; for tool with thickness up to 11/15mm and 26mm. 1 wall is equipped with tool holders. Fold-out front wall for easy access. Weight: 4.5kg

Dimensions	mm	450x190x340 h
2078GE	Each	382,00

Product running out of stock.

ACCESSORIES FOR UNIVERSAL BAGS

2078GH SCU



Prod. SCU - Orig. Hepco & Becker

package ACCESSORIES

Adjustable carrying straps in fabric with shoulder-protection and 2 snaps.

Dimensions	mm	1130x25h
2078GH	Each	18,10

2078GH 1 SCU



Product description as Art. 2078GH

Leather connections with metal ring.

2078GH 1	Per pair	9,32
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TOOL-CASES IN POLYPROPYLENE

2078GH 3 carolus
by GEDORE

Orig. Carolus - Art. 2034.001/R20650066

In shockproof ABS with aluminium frame, with rounded edges and corners. Two locks with keys and jointed handle. Equipped with 1 panel with 2 holder walls, tray with adjustable dividing walls, cover with holders and document pocket.

Weight: 4.8kg.

Dimensions	mm	445x380x180 h
2078GH 3	Each	231,00

TOOL CASES IN ABS

2078GH 6 SCU



Prod. SCU - Orig. Hepco & Becker

In shock-proof, ABS material, aluminium framed, with rounded edges and corners. 2 padlocks with keys. Sturdy hinged handle. With carrying handle.

Dimensions	mm	460x310x180 h
2078GH 6	Each	167,00



In shock-proof, ABS material, aluminium framed, with rounded edges and corners. 2 padlocks with keys and combination. Sturdy hinged handle. With carrying handle.
Equipped with 1 panel with 2 walls with pocket compartments, tray with adjustable dividers, cover with housings and pocket for documents. Weight: 6.1kg

Dimensions	mm	470x360x200 h
2078GH 8	Each	184,00

For cases Art. 2078 GH 8 complete with tools see Art. 986 GE 3.

SCU

2078GH 8



In sturdy and lightweight ABS material, shock-proof, reinforced with aluminium frame, with rounded edges and corners. 2 padlocks with keys and combination. Sturdy hinged handle.
Equipped with 2 double panels with pockets and rubber bands, 1 carrying insert with adjustable dividers, lid and pocket for documents.
Weight: 4.9kg.

Dimensions	mm	460x310x180 h
2078GH 10	Each	191,00

Product running out of stock.

SCU

2078GH 10



In robust but light ABS material, reinforced with an aluminium frame, with rounded edges and corners. Closes with two secure locks, keys, and combination lock. Robust articulated handle.
Equipped with 1 panel which has 2 slots in the walls for extensions, tray with adjustable separators, cover with slots inside the elastic door panel, and documents, pens, notepads, calculator, etc..
Weight 4.9 kg.

Dimensions	mm	460x310x180 h
2078GH 12	Each	190,00

SCU

2078GH 12



8

TOOL CASES ON WHEEL

Prod. SCU - Orig. Hepco & Becker

With large stowage capacity, integrated rubber-coated wheels and telescopic handle bar.
In ABS material, shock-proof, aluminium framed. Rounded edges and corners, 2 padlocks with keys and rotating discs combination. Sturdy hinged handle.
Equipped with 1 double panel, carrying insert with adjustable dividers and lid, pocket for documents and pens.
Weight: 6,7 kg.

Dimensions	mm	485x370x250 h
2079GE 1	Each	298,00

SCU

2079GE 1





2079GE 2



With large stowage capacity, trolley with rubber-coated wheels and releasable telescopic handle bar.

In sturdy and lightweight ABS material, shock-proof, reinforced with aluminium frame, with rounded edges and corners. 2 padlocks with keys and combination. Sturdy hinged handle. Equipped with 1 panel with 2 walls with pocket and elastic housings, 1 tray with adjustable dividers, lid and pocket for documents.

Weight: 6.5kg.

Dimensions	mm	470x360x220 h
2079GE 2	Each	414,00

2079GE 4



Industrial type with large stowage capacity; cart with rubber wheels and telescopic rod with handle, detachable. In sturdy, lightweight, latest generation ABS material, shock-resistant, reinforced with surface pads in textured, non-slipping rubber, to prevent falls or unwanted displacements. Specially hardened aluminum frame with rounded corners and edges protected by thick rubber. Hermetic seal by means of 2 TSA locks, in steel, with keys, combination; with 3 zippers. Sturdy hinged handle, screwed for an easy replacement. 1 double-wall panel with elastic housings, insert with adjustable dividers; cover with elastic housings and pocket for documents. Weight 6.9 kg. Load up to 40 kg. Also suitable for air travel.

Dimensions	mm	460x310x180 h
2079GE 4	Each	471,00

2079GE 5



Industrial model, with wheels integrated onto ball bearings, made from rubber, very strong. Telescopic system, adjustable, can be towed easily. In the latest generation HDPE plastic material making it far more robust and resilient. Shockproof, crushproof, reinforced with a special duralumin double frame. Rounded edges and corners which have been with reinforced metal and protective plates. Airtight with 2 steel locks, keys, combination and 3 hinges. Sturdy ergonomic handle, foldable, and can be screwed on with potential easy replacements.

Comes equipped with 2 panels with 4 walls which include elastic slots and pockets, 1 deep tray with adjustable separators, and a lid which includes elastic slots and pockets.

Panel holder for calculator, notepads, pens and paper.

Weight 7.3 kg. Capacity of up to 40 kg. Also suitable for air transport.

Dimensions	mm	470x360x220 h
2079GE 5	Each	593,00


TOOL CASES IN ABS "PARATOOL" SERIES WITH WHEELS
Prod. SCU - Parat

Tool carrying system consisting of a case in very sturdy ABS material, integrated wheels and telescopic system for pulling and support. Possibility to position the capacious case at the desired height. Big wheels for better sliding. Cylinder lock. Double handle, particularly sturdy, one pulling telescopic handle and one lifting fix handle. Colour: antracite. Weight: 6.8 kg. Load: up to 40 kg. Also suitable for air travel.

Empty type with large stowage and possibility to integrate accessories
Art. O2079 GF/1-2-3-5-7-9.

Dimensions	mm	465x355x210 h
2079GF	Each	186,00

Product running out of stock.

ACCESSORIES FOR CASES ART. 2079 GF

Panel with patented stowage system. For tools with width up to 11 and 15mm.

O2079GF 1	Each	38,90
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Product running out of stock.

Panel with patented stowage system. For tools with width up to 11 and 26mm.

O2079GF 2	Each	45,10
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Product running out of stock.

Panel with 15 holders and 400 mm pocket.

O2079GF 3	Each	36,40
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Product running out of stock.

Panel with document compartment, dimensions DIN A4. 2 fittings for business cards, credit cards, etc. and 3 loops for pens, pencils, etc.

O2079GF 5	Each	30,90
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Product running out of stock.

Tray with 4 dividers complete with lid.

O2079GF 7	Each	58,10
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Product running out of stock.

Tray with 4 dividers, complete with lid, patented stowage system for tools with width up to 26mm.

O2079GF 9	Each	76,90
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Product running out of stock.

2079GF

TOOL CASES IN ALUMINIUM
Prod. SCU

In sturdy anodized aluminium with aluminium angle bars. Closing with 2 padlocks and keys. Sturdy hinged handle. 4 rubber feet. Equipped with 2 tool-holder panels with rubber bands, 1 large tray with dividers and storage box. 1 pocket for documents.

Weight 5 kg.

Dimensions	mm	500x410x200 h
2079GFE	Each	151,00

2079GFE


In very sturdy scratch-resistant bushhammered anodized aluminium with satin-finish aluminium angle bars and ABS protection corners.

Classic square shape, extremely resistant and lightweight.

Closing with 2 padlocks, keys and hooks.

Sturdy hinged handle. 8 rubber feet.

Equipped with 2 tool-holder panels with rubber bands, 1 large tray with dividers and storage box.

Double pocket for documents and other pockets.

Weight: 5.8kg.

Dimensions	mm	440x350x170 h
2079GH 1	Each	457,00

2079GH 1


**2079GH 5** SCU

In very sturdy aluminium alloy patented for absolute shock-proofing and endless carrying capacity. With reinforcement aluminium angle bars. Classic square shape. Closing with 2 padlocks, keys and hooks. Sturdy hinged handle with soft grip. 4 rubber feet and 4 metal feet. Equipped with 2 tool-holder panels with rubber bands, 1 large tray with dividers and storage box. Double pocket for documents and other pockets. Weight: 6,2 kg.

Dimensions	mm	450x350x170 h
2079GH 5	Each	632,00

TOOL CASES IN ALUMINIUM "CLASSIC" SERIES**2079GL 3** SCU**Prod. SCU - Parat**

In very sturdy and stable aluminium alloy. Reinforced by special double frame in duralumin, Rounded edges and corners, airtight closing with 2 padlocks in steel, keys and 3 quick-action hinges. Sturdy hinged handle. Equipped with 2 panels with holders, 1 deep carrying insert with adjustable dividers and lid with holders. Panel for calculator, blocknotes, documents and pens. Weight: 5.2 kg. Load: up to 30 kg. Also suitable for air travel.

Dimensions	mm	460x310x170 h
2079GL 3	Each	568,00

STORAGE CASES IN POLYPROPYLENE**2079LA** SCU**Prod. SCU**

In stable steel sheet with resistant epoxy coat, blue colour. With central button closing and 2 side hooking closings for absolute safety during transport. Preset for padlock. Total opening of the internal padded lid. With 23 extractable trays, size: 12 pcs 54x54mm, 6 pcs 54x108mm, 3 pcs 108x108mm, 2 pcs 108x162mm, all 63mm high. Hinged handle. Case dimensions: 440x330x66mm. Weight: 3.4kg.

2079LA	Each	80,20
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Individual trays not supplied.

TOOL BOXES IN STEEL**2079LE**
2079M SCU**Prod. SCU**

In painted steel. Opening and closing by means of tilting doors provided with eyelet for padlock. Hinged fold-down handgrip.

1 compartment type.

Art.	2079LE	2079M
Dimensions	mm 430x210x110 h	480x210x100 h
Each	36,10	33,50

Product 2079M running out of stock.

2079ME
2079P
2079PE SCU

Product description as Art. 2079LE

3 compartments type.

Art.	2079ME	2079P	2079PE
Dimensions	mm 430x210x160 h	510x210x160h	580x200x150 h
Each	50,30	58,80	51,50

For tool boxes Art. 2079 P complete with tools see Art. 987 A.
For Orig. Gedore tool boxes see Art. 987 E - 987 GF.
Art. 2079 PE running out of stock.



Product description as Art. 2079LE

5 compartments type.

Art.	2079PF	2079R	2081B
Dimensions mm	430x210x210 h	510x210x200 h	600x200x200 h
Each	61,20	69,10	82,30

For tool boxes Art. 2081 B complete with tools see Art. 987 B.
For Orig. Gedore tool boxes see Art. 987 E - 987 GF.



2079PF
2079R
2081B

INSTALLATION TOOL BOXES IN STEEL

Orig. Gedore - Art. 1370 Z

Professional type.

Handy box in zinc-coated steel with special corrosion protection, carrying strap in nylon fabric.

Removable insert.

Weight: 4.3 kg.

Dimensions mm	550x200x210 h
2081G Each	167,00

GEDORE



2081G

ALL-PURPOSE TOOL BOXES

Prod. SCU

In sturdy steel. Fire-resistant painting.

Lateral handles, eyelet for padlock, reinforced hinges with lid anti-tilting function.

Art.	2081Z	2082A	2082B	2082C
Dimensions mm	600x280x300 h	700x340x350 h	800x400x400 h	950x450x450 h
Each	188,00	286,00	367,00	418,00

SCU



2081Z
2082A
2082B
2082C

Orig. Gedore

Industrial type.

Sturdy box in reinforced steel with extra-resistant epoxy painting.

Carrying handles, stopper to hold the lid open and lockable through padlock.

Removable insert for small parts.

Art.	2083G	2083GA	2083GB	2083GC	2083GD
Dimensions mm	640x232x232 h	700x380x310 h	830x430x350 h	910x530x430 h	1000x380x320 h
Weight Kg	8	17	23	33	25
Supplier code	1440-64	1440-70	1440-83	1440-91	1440-100
Each	294,00	442,00	480,00	584,00	504,00

GEDORE



2083G
2083GA
2083GB
2083GC
2083GD

Transport frame, in steel sheet, with 4 wheels, 2 of them with brake. Delivery dismantled.

Art.	2083GF	2083GH	2083GL	2083GP
For trunks Art.	2083 GA	2083 GB	2083 GC	2083 GD
Supplier code	1441 Z-70	1441 Z-83	1441 Z-91	1441 Z-100
Each	117,00	121,00	123,00	123,00

GEDORE



2083GF
2083GH
2083GL
2083GP



STORAGE CASES IN POLYPROPYLENE

2083T

SCU



Prod. SCU

In resistant polypropylene, indeformable, unbreakable, antirust, shock-proof. With lid, 2 quick-action locks, stable hinges, foldable handle.
Art. 2083 T 22 - 28 are arranged in 2 layers with double lid.

Housings	N	10	12	22	28
Dimensions	mm	340x250x55h	340x250x55h	340x250x110h	340x250x110h
2083T	Each	12,20	12,20	17,90	17,90

2083V

SCU



In resistant polypropylene, reinforced, indeformable, unbreakable, antirust, shock-proof. Transparent lid, 2 quick-action locks, stable hinges, large handle. With 20 holders with extractible trays.

Dimensions	mm	420x350x60h
2083V	Each	20,40

POLYPROPYLENE STORAGE CASES

2083Z

GEDORE



Orig. Gedore red - Art. R20750063

In very resistant polypropylene, reinforced, indeformable, unbreakable, shock-proof. With 4 drawers with storage adjustable compartments. With large tool-holder compartment and lid, sturdy concealed handle, large snap closure. It can be used as a seat or stool (capacity up to 150kg).

Dimensions	mm	420x303x400h
2083Z	Each	168,00

TOOL-BOXES IN POLYPROPYLENE

2084

SCU



Prod. SCU

In resistant polypropylene. Indeformable, unbreakable, antirust, shock-proof. Quick-action lock and stable hinges. Fold-down handle. One tool compartment and a drawer for small parts, hinged. With one lock.

Dimensions	mm	330x150x145 h
2084	Each	8,46

2084A

SCU



Product description as Art. 2084

One tool compartment and 2 drawers for small parts, hinged. With one lock.

Dimensions	mm	380x200x175 h
2084A	Each	12,50



Professional type, in resistant polypropylene. Indeformable, unbreakable, anti-rust, shock-proof.
Sturdy quick-action locks, stable hinges.
Ergonomic, comfortable and sturdy fold-down handle.
Big tool compartment and removable insert.
2 compartments for small parts on the lid. With one lock.

Dimensions	mm	330x150x145 h
2084M	Each	9,08

SCU

2084M



Product description as Art. 2084M

With one lock. Hole for padlock.

Dimensions	mm	415x210x200 h
2084N	Each	12,60

For boxes Art. 2084 N complete with tools see Art. 987.

SCU

2084N



Product description as Art. 2084M

2 compartments for small parts on the lid. With one lock. Hole for padlock.

Dimensions	mm	415x210x200 h
2084P	Each	13,30

SCU

2084P



Prod. SCU - Parat

Professional type, in resistant polypropylene.
Indeformable, unbreakable, anti-rust, shock-proof, resistant to attack by oils and acids.
Stowage compartment and handy removable insert. Airtight hooked lock for maximum safety and impermeability. Sturdy fold-down handle, that works also as safety lock when it is down, and eyelet for padlock.

With two locks.

Dimensions	mm	440x220x225 h
Weight	Kg	1,3
2085GD	Each	42,50

SCU

2085GD



Product description as Art. 2085GD

With two locks.

Dimensions	mm	480x240x260 h
Weight	Kg	1,8
2085GE	Each	52,70

SCU

2085GE



**2085R****SCU****Prod. SCU**

Professional type, in resistant polypropylene. Indeflexible, unbreakable, anti-rust, shock-proof. Sturdy quick-action locks, stable hinges. Ergonomic, comfortable and sturdy fold-down handle. Big tool compartment and removable insert. 2 compartments for small parts on the lid. With two locks. Hole for padlock.

Dimensions	mm	510x290x260 h
2085R	Each	25,10

2085S**SCU**

Product description as Art. 2085R

2 removable compartments for small parts, drill-holder in the lid. With two locks. Hole for padlock.

Dimensions	mm	520x290x270 h
2085S	Each	34,50

For boxes Art. 2085 S complete with tools see Art. 987 A 5.

TOOL-BOXES IN POLYPROPYLENE WITH WHEELS**2086F****SCU****Prod. SCU**

Professional type made of resistant polypropylene. Indeflexible, unbreakable, antirust, shock-proof, waterproof. Sturdy snap locks, stable hinges. Ergonomic, comfortable and sturdy fold-away handle. Large capacity storage compartment, extractable tray, pull belt and 4 fixed wheels for easy sideways movement.

2 removable compartments for small parts, drill-holder in the lid. With two locks. Hole for padlock.

Dimensions	mm	590x300x285 h
2086F	Each	50,60

2086FA**SCU**

Professional model in resistant polypropylene.

Indeflexible, unbreakable, antirust, shock-proof, waterproof. Carrying fold-down handgrip. Ergonomic fold-down handle. Wide compartment, removable insert, 2 big and sturdy wheels with metal pins.

2 storage compartments for small parts and 4 fastening hooks. Provided with 2 quick-action locks.

Dimensions	mm	610x375x415 h
2086FA	Each	99,70


TOOL-BOXES IN POLYPROPYLENE
Prod. SCU - Parat

Industrial type, in resistant polypropylene.
 Indeflexible, unbreakable, anti-rust, shock-proof, resistant to attack by oils and acids.
 Compartment with large stowage capacity and handy removable insert.
 Airtight hooked lock for maximum safety and impermeability.
 Sturdy fold-down handle (when the handle is up, the box is automatically locked) and eyelet for padlock.

With two locks.

Dimensions	mm	580x290x280 h
Weight	Kg	3,0
2086G	Each	71,10

2086G

TOOL-BOXES IN POLYPROPYLENE WITH STOOL
Prod. SCU

Sturdy stool, in resistant polypropylene, with compartments for small parts; non-slip upper shelf can be used as an access step, a support or a seat; complete with big hookable tool box, which contains a handy removable insert. Load: up to max 150kg. Large carrying handle and eyelet for padlock.

Dimensions	mm	470x300x300 h
2087P	Each	49,90

2087P

TOOL-BOXES IN POLYPROPYLENE WITH WHEELS
Prod. SCU

Professional type, in resistant polypropylene, indeformable, unbreakable, anti-rust, shock-proof.
 Consisting of: one box with big compartment and 2 sturdy wheel with metal pins; external pocket made of fabric with velcro fasteners. Rotating integrated tray with dividers for small parts.
 Removable upper box with small parts holders on the lid, hole for padlock and removable insert.
 Ergonomic, comfortable and sturdy fold-down handle.
 Carrying fold-down handgrip. Ideal for easy transport of a big quantity of work equipment.
 Capacity approx. 30 kg.

Dimensions	mm	450x270x630 h
2088	Each	92,90

2088

MODULAR TOOL-BOXES IN ABS
Prod. SCU

Professional system of modular tool boxes, stackable, in ABS, extremely sturdy and versatile.
 Closure by means of 2 hooks. Completely sealed inside to ensure maximum protection of the contents from rain and moisture. Patented coupling device, handle with balanced attack and 8 junction points, for a greater and more comfortable transport capacity.
 The stacking is done automatically with just one hand, thanks to the side hooks with springs.
 If pressure is exerted on the handle it falls into the cover. Hole for padlock application (not supplied see. Art. 2090P 30)

Box size mm 464x335x142h.
 Empty box.

2088A	Each	57,10
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2088A


**2088B****SCU**

Professional system of modular tool boxes, stackable, in ABS, extremely sturdy and versatile. Closure by means of 2 hooks. Completely sealed inside to ensure maximum protection of the contents from rain and moisture. Patented coupling device, handle with balanced attack and 8 junction points, for a greater and more comfortable transport capacity.

The stacking is done automatically with just one hand, thanks to the side hooks with springs. If pressure is exerted on the handle it falls into the cover. Hole for padlock application (not supplied see. Art. 2090P 30)

Box size mm 464x335x142h.

Box Art. 2088 A with sponge in the lid and tray with adjustable dividers to form 3 to 12 slots.

2088B Each **73,90**

2088C**SCU**

Product description as Art. 2088B

Box size mm 464x335x142h.

Box Art. 2088 A with sponge in the lid and tray with 18 fixed slots for parts.

2088C Each **69,60**

2088D**SCU**

Product description as Art. 2088B

Box size mm 464x335x142h.

Box Art. 2088 A with sponge in the lid, with 15 removable trays, sizes: 10 pcs. 98x98x72h mm, 3 pcs. 98x49x72h mm, 2 pcs. 49x49x72h mm.

2088D Each **76,80**

On request we will supply single loose trays.

2088E**SCU**

Product description as Art. 2088B

Box size mm 464x335x212h.

Empty box.

2088E Each **65,30**

2088F**SCU**

Product description as Art. 2088B

Box size mm 464x335x212h.

Box Art. 2088 E with tool panel with elastic slots, on the cover.

2088F Each **83,20**



Product description as Art. 2088B
 Box size mm 464x335x362h.
 Empty box.

2088G Each **85,80**

SCU

2088G



Product description as Art. 2088B
 Box size mm 464x335x362h.
 Box Art. 2088 G with 2 toolholder panels with elastics slots in the bottom of the box.

2088H Each **158,00**

SCU

2088H



Robust trolley with sheet steel base, 4 rubber wheels, 2 of them swiveling with brake.
 Suitable to easily move the tool boxes Art. 2088 A to 2088 H.
 Capacity Kg 200. Dimensions 470x340 mm. Weight Kg 3.24.

2088L Each **71,40**

SCU

2088L



TROLLEYS

Prod. SCU

Folding type, in aluminium and plastic material. With extendable, telescopic handle, max height 1000mm. With elastic band and hooks for load fastening. Suitable to carry packages, cases, suitcases, tool-holder cases, etc.
 Max capacity approx. 50kg. Wheel diameter: 90mm. Load base dimensions: 345x240mm.
 Dimensions of closed trolley: 310x120x470mm.
 Weight: 2.15kg.

2089 Each **142,00**

SCU

2089



CHIUSO E PICCOLO

APERTO

Folding type, in aluminum and plastic material. With extendable telescopic handle, max height 1065 mm. With elastic bands for load fastening. Suitable to carry packages, suitcases, boxes, tool cases, etc.
 Max capacity approx. 80 Kg. Wheel diameter mm 175. Dimensions open mm 490x450x1065h.
 Dimensions of the cart closed mm 490x55x800h.
 Weight Kg 4.8.

2089E Each **117,00**

SCU

2089E
new



CHIUSO E PICCOLO

APERTO



PADLOCKS

2090

SCU



Prod. SCU

Heavy type, brass body, hardened shackle.
With keys. Apt for containers, boxes, cabinets, etc.
Standard shackle.

Body width	mm	20	50	60
2090	Each	1,06	5,06	6,66

Product running out of stock.

2090P

SCU



With brass body, hardened shackle.
With keys. Apt for containers, boxes, cabinets, etc.
Normal bow.

Body width	mm	20	30	40	50	60
2090P	Each	2,44	5,08	7,52	12,70	17,00

2091

SCU



Product description as Art. 2090P

Long shackle.

Body width	mm	30	40	50	60
Arc length	mm	45	55	65	70
2091	Each	5,32	7,90	12,30	16,50

2092

SCU



Heavy-duty type with horizontal lock; brass body, hardened shackle and hardened steel cylinder.
With keys. Suitable for boxes, cases, cabinets, etc.

Body width	mm	70	90
2092	Each	27,10	39,70

2093

SCU



ARMOURED model with heavy horizontal closure; coated brass bodywork, very thick steel hardened arc. Cylinder made of hardened steel.
With keys. Suitable for trunks, cabinets, doors, etc.

Body width	mm	70	90
2093	Each	51,30	57,70

TAPS SEAT REAMERS

2098

SCU



Prod. SCU

Cheap type

To cut the taps seat with inside threading.
With 2 cutters of 3/8" and 1/2" inches and two gaskets.

2098	Each	13,90
------	------	-------

2099

SCU



Professional type

To cut the taps seat with inside threading
With 4 cutters of 3/8"-1/2"-3/4"-1" inches.

2099	Each	48,60
------	------	-------

2100

SCU



Product description as Art. 2099

To cut the taps seat with inside and outside threading.
With 4 cutters of 3/8"-1/2"-3/4"-1" inches.

2100	Each	48,60
------	------	-------



Spare cutter for Art. 2098 - 2098 E - 2099 - 2100.

Ø	inch	1/8	1/4	3/8	1/2	3/4	1
2101	Each	4,26	4,26	4,12	4,12	4,38	4,76



2101

STEEL KARABINERS

Prod. SCU

DIN 5299 C

With internal spring and cross lock. Not to be used for lifting.

GALVANISED STEEL

Overall length	mm	40	50	60	70	80	90	100
Tension rod Ø	mm	4	5	6	7	8	9	10
Working load	Kg	20	20	35	50	75	100	150
Breakage load	kN	0,8	0,8	1,4	2	3	4,5	6
2119	Each	0,42	0,44	0,54	0,66	0,88	1,20	1,44

Overall length	mm	120	140	160
Tension rod Ø	mm	11	12	13
Working load	Kg	200	250	300
Breakage load	kN	8	10	12
2119	Each	2,06	2,76	3,86

SCU

2119



DIN 5299 C

High quality type, for hauling. With internal spring and interlock. Not to be used for lifting.

STAINLESS STEEL AISI 316.

Overall length	mm	40	50	60	70	80	100	120	160
Tension rod Ø	mm	4	5	6	7	8	10	11	13
Working load	Kg	20	20	35	50	75	150	200	300
Breakage load	kN	0,8	0,8	1,4	2	3	6	8	12
2119E	Each	1,96	2,28	2,90	3,76	5,00	8,68	12,20	23,20

SCU

INOX

2119E



Heavy type, for hauling. Tested and marked with breaking strength.

Maximum seal with inside spring and patented safety lock.

ZINC-COATED STEEL.

Overall length	mm	50	60	80	100	120
Tension rod Ø	mm	5	6	8	10	12
Breakage load	kN	1,5	1,5	9	17	22
2120	Each	6,64	6,94	8,18	11,10	13,90

SCU

2120



Product description as Art. 2120

STAINLESS STEEL AISI 316.

Overall length	mm	50	60	80	100	120
Tension rod Ø	mm	5	6	8	10	12
Breakage load	kN	3,5	5	15	22	28
2121	Each	7,90	8,46	12,10	19,60	24,80

SCU

INOX

2121



STEEL KARABINERS WITH LOCKING RING

Prod. SCU

EN 362 B

Heavy traction model. Tested and marked for tensile strength.

Maximum sealing with threaded ring safety device.

GALVANISED STEEL.

Overall length	mm	85	100	125
Tension rod Ø	mm	8	10	12
Breakage load	kN	9	17	22
2122	Each	17,10	19,10	24,10

SCU

2122



DIN 5299 C

With internal spring, locking pin and threaded safety ring. Not to be used for lifting.

GALVANISED STEEL

Overall length	mm	80	100	120
Tension rod Ø	mm	8	10	11
Working load	Kg	75	150	200
Breakage load	kN	3,75	6	8
2123	Each	1,20	2,00	2,82

SCU

2123





QUICK LINKS

2126

SCU



Prod. SCU

Locking pin and threaded safety ring. Not to be used for lifting.

Galvanized steel.

Overall length	mm	40	49	57	74	89	105
Tension rod Ø	mm	4	5	6	8	10	12
Max opening	mm	5,5	6,5	7,5	10	12	15
2126	Each	0,56	0,68	0,74	1,32	2,54	3,94

2126E

SCU

INOX



Product description as Art. 2126

STAINLESS STEEL AISI 316.

Overall length	mm	40	49	57	74	89	105
Tension rod Ø	mm	4	5	6	8	10	12
Max opening	mm	5,5	6,5	7,5	10	12	15
2126E	Each	1,42	2,00	3,60	6,80	12,10	19,10

PULLEY BLOCKS

2130

SCU



Prod. SCU

Painted finish with 3 brass wheels.

One pulley block with hook and one with hook and ring.

Can be sold only in pairs.

wheel Ø	mm	35	50	65
Throat width	mm	9	12	12
2130	Per pair	87,20	103,00	126,00

2132A

SCU



For hemp ropes.

Sturdy finish with hook in forged steel and safety latch.

Pulleys in high-tensile semisteel cast iron. With ring to work in pairs.

With 1 wheel.

wheel Ø	mm	60	80	100	120	130	150	175
Throat width	mm	9	12	15	18	20	25	30
Capacity	Kg	100	150	150	250	250	500	1000
2132A	Each	43,50	46,10	55,10	63,90	70,20	87,30	106,00

2132B

SCU



Product description as Art. 2132A

With 2 wheels.

wheel Ø	mm	60	80	100	120	130	150	175
Throat width	mm	9	12	15	18	20	25	30
Capacity	Kg	100	150	250	500	500	1000	1000
2132B	Each	59,10	63,10	78,10	102,00	110,00	130,00	163,00

2132C

SCU



Product description as Art. 2132A

With 3 wheels.

wheel Ø	mm	60	80	100	120	130	150	175
Throat width	mm	9	12	15	18	20	25	30
Capacity	Kg	150	250	500	1000	1000	1500	2000
2132C	Each	77,20	85,80	104,00	134,00	144,00	175,00	223,00

2132D

SCU



For hemp ropes.

Openable type with 1 wheel. Hook in forged steel and safety latch.

wheel Ø	mm	60	80	100	120
Throat width	mm	9	12	15	18
Capacity	Kg	100	150	150	250
2132D	Each	71,30	79,50	93,60	101,00

2133A

SCU



For steel ropes. - Ball bearing type.

Sturdy finish with hook in forged steel and safety latch.

Wheels in solid steel. High-tensile.

1-wheel pulley blocks.

Throat bottom wheel Ø	mm	170	190	280
Rope Ø	mm	9	10	14
Capacity	Kg	1500	2000	4000
2133A	Each	286,00	357,00	674,00

2133B

SCU



Product description as Art. 2133A

2-wheels pulley blocks.

Throat bottom wheel Ø	mm	150	170	230
Rope Ø	mm	8	9	12
Capacity	Kg	2000	3000	5000
2133B	Each	407,00	528,00	824,00



Product description as Art. 2133A

3-wheels pulley blocks.

Throat bottom wheel Ø	mm	115	150	190
Rope Ø	mm	6	8	10
Capacity	Kg	2000	3000	5000
2133C	Each	461,00	594,00	828,00

SCU

2133C



For steel ropes. Ball bearing type. Openable on one side.

Sturdy finish with hook in forged steel and safety lock.

Pulleys in solid steel. High-tensile.

Opening/closing ratchet operated by hook swiveling.

wheel Ø	mm	105	130	150	180	200
Throat width	mm	15	17	19	21	23
Capacity	Kg	1000	1500	2000	3000	4000
Weight	Kg	4,3	5	7,5	10,5	16,5
2133F	Each	149,00	173,00	214,00	284,00	399,00

SCU

2133F



MANUAL CHAIN HOISTS

Prod. SCU

Lever type. Manufactured in compliance with EUROPEAN standards.

In hardened cast steel. Gears in hardened solid steel. Upper and lower swivel hooks in hardened steel, with safety latch. Load chain in special steel. Double braking system on the friction. Tested to 50% over the maximum load limit. Supplied with 1.5m long load chain. Lever with rubber handgrip. Measure 6000 Kg with double alternate lift of the 2 load chains.

Capacity	Kg	250	500	750	1500	3000	6000
Chain paths	No.	1	1	1	1	1	2
Min. distance between	mm	230	260	320	380	480	600
Weight with chain	Kg	1,8	4	7	10	17,5	28,5
2133H	Each	190,00	217,00	260,00	345,00	651,00	1.210,00

SCU

2133H



fino a 500 kg

oltre 500 kg



8

Chain type. Manufactured in compliance with EUROPEAN standards.

Gears in hardened solid steel. Gearing over roller bearings. Reduction unit in grease-bath sump. Upper and lower swivel hooks in hardened steel, with safety latch. Load and operating chains in special steel. Tested to 50% over the maximum load limit.

Supplied with 3m long load chain and 3m long operating chain.

Capacity	Kg	500	1000	2000
Chain paths	No.	1	1	1
Min. distance between	mm	255	306	386
Weight with chains	Kg	8	10	18
2133L	Each	133,00	143,00	194,00

SCU

2133L



Professional chain type. Manufactured in compliance with EUROPEAN standards.

Gears in hardened solid steel. Gearing over roller bearings. Reduction unit in grease-bath sump. Upper and lower swivel hooks in hardened steel, with safety latch. Load and operating chains in special steel. Tested to 50% over the maximum load limit.

Supplied with 3m long load chain and 3m long operating chain.

Capacity	Kg	500	1000	2000	3000	5000
Chain paths	No.	1	1	2	2	2
Min. distance between	mm	270	317	414	465	636
Weight with chains	Kg	7	10,5	18	22	40
2133LE	Each	217,00	252,00	364,00	422,00	790,00

SCU

2133LE
new



For lifting belts see Art. 4489 P to 4490 E.



BEAM CLAMPS

2133M

SCU



Prod. SCU

Manufactured in compliance with EUROPEAN standards.
Suitable for fixing lever hoists (Art. 2133 H) and chain hoists (Art. 2133 L - 2133 LE) on double-T beams.

In special steel, with threaded screw and bolster for fast and safe adjustment.

Capacity	Kg	1000	2000	3000	5000
Min/max beam width	mm	70 a 220	70 - 220	80 - 220	80 - 320
Pliers min/max width	mm	183 - 375	183 - 375	240 - 520	240 - 520
Pliers lateral thickness	mm	66	74	103	111
Hoist drive Ø	mm	20	20	22	28
2133M	Each	140,00	182,00	260,00	310,00

TROLLEYS FOR MANUAL COAIN HOISTES

2133P

SCU



Prod. SCU

Complies with EUROPEAN standards.

With fall-protection and anti-tilting devices. Possibility to change the distance between wheels. In PUSH feeding, suitable for hand (Art. 2133 L - 2133 LE) and electric hoists; sliding on the lower wing of conical and flat double "T" beams.

Capacity	Kg	500	1000	2000	3000	5000
Min/max beam width	mm	64 - 140	64 - 152	76 - 165	76 - 203	88 - 203
Weight	Kg	5	8	13	22	55
2133P	Each	167,00	213,00	306,00	519,00	922,00

2133PA
new

SCU



Complies with EUROPEAN standards.

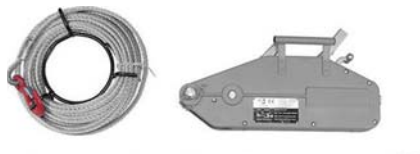
With fall-protection and anti-tilting devices. Possibility to change the distance between wheels. In CHAIN feeding, suitable for hand (Art. 2133 L - 2133 LE) and electric hoists; sliding on the lower wing of conical and flat double "T" beams.

Capacity	Kg	500	1000	2000	3000	5000
Min/max beam width	mm	64 - 140	64 - 152	76 - 165	76 - 203	88 - 203
Weight	Kg	14	19	29	40	65
2133PA	Each	229,00	318,00	504,00	705,00	1.090,00

WINCHES

2133PE

SCU



Prod. SCU

Hauling and lifting type. Manufactured in compliance with EUROPEAN standards. Sump in aluminium alloy, high resistance. Automatic brake, operation control lever provided with overload device. Grip cheeks in steel, metal rope and hook with safety latch.

HOIST WITH ROPE TO 20 MT. AND HOOK

Lifting load capacity	Kg	800	1600	3200
Traction capacity	Kg	1200	2500	5000
Weight	Kg	6	12	22
Dimensions	mm	426x170	545x190	660x220
2133PE	Each	461,00	645,00	1.100,00

EYE HOIST HOOKS

2133V

SCU



Prod. SCU

Fixed type, made from special hardened carbon steel. Safety latch.
Painted finish. Marked with load limit in tons.

Capacity	Kg	800	1000	1600	2000	3200	5000	7500
Weight	Kg	0,28	0,39	0,62	0,91	1,90	3,70	6,80
Height	mm	110	125	145	162	200	255	316
Eye Ø	mm	19	22	28	32	38	51	63
Max hook opening	mm	23	26	28	31	32	40	51
2133V	Each	4,34	5,84	9,24	13,70	21,60	41,80	75,40

The above-mentioned dimensions may vary at the manufacturer's discretion.



Fixed model, made from GRADE 80 stainless steel, hardened. Safety lock.
Enamel finish. Provides an indication of flow rate in tonnes.

SCU



2133VE

Capacity	Kg	1120	2000	3150	5300	8000	12500
Weight	Kg	0,29	0,61	0,91	1,90	3,70	6,80
Height	mm	110	140	162	200	255	316
Eye Ø	mm	15	28	30	39	51	63
Max hook opening	mm	22	25	27	33	40	51
2133VE	Each	6,06	12,20	16,10	33,20	65,90	145,00

The above-mentioned dimensions may vary at the manufacturer's discretion.



Swivel type, made from special hardened carbon steel. Safety latch.
Painted finish. Marked with load limit in tons.

SCU



2133Z

Capacity	Kg	800	1000	1600	2000	3200	5000	7500
Weight	Kg	0,69	0,81	1,25	1,45	2,20	4,60	7,40
Height	mm	141	166	200	215	245	312	365
Max hook opening	mm	20	22	26	28	33	43	49
Eye height x width	mm	20x30	32x36	39x43	39x43	40x47	53x64	53x70
2133Z	Each	11,50	13,50	20,80	24,10	30,20	62,40	99,10

The above-mentioned dimensions can vary at the manufacturer's discretion.



Rotary model, made from GRADE 80 stainless steel, hardened. Safety lock.
Enamel finish. Provides an indication of flow rate in tonnes.

SCU



2133ZE

Capacity	Kg	1120	2000	3150	5300	8000	12500
Weight	Kg	0,30	1,00	1,20	2,20	4,60	7,40
Height	mm	141	190	208	245	310	360
Max hook opening	mm	22	22	25	35	43	50
Eye height x width	mm	26x32	39x44	39x44	44x50	60x64	64x70
2133ZE	Each	8,50	21,50	24,10	40,10	85,80	162,00

The above-mentioned dimensions may vary at the manufacturer's discretion.



PLIERS FOR LIFTING SHEETS

Prod. SCU

Type with standard connection for lifting and VERTICAL transport of steel sheets and products.
Manufactured in compliance with EUROPEAN standards. With safety device that guarantees the clamping of the jaws during the transport of the sheet, thanks to the increase of the clamping force due to the weight of the load.

In forged steel with hardened working parts and knurled jaws.

SCU



2134
new

Capacity	Kg	500	750	1000	2000	3000
Opening	mm	1 - 15	1 - 20	1 - 20	1 - 25	1 - 30
Weight	Kg	1,9	4,3	4,3	7,1	14,8
2134	Each	217,00	380,00	442,00	542,00	604,00



CABLE CLAMPS

Prod. SCU

Self-clamping type.
For steel cables, copper cables and steel ropes.
In forged steel, long hardened anti-sliding jaws.

SCU



2134E
2134G
2134GA
2134GB
2134GC

Art.		2134E	2134G	2134GA	2134GB	2134GC
For cable Ø	mm	1-4	3-8	5-10	8-16	12-26
Max Workload	Kg	500	1000	1700	3000	3500
Breakage load	Kg	1000	1700	3000	5500	6000
Weight	Kg	0,25	0,8	1,1	1,8	3,5
Each		76,10	108,00	125,00	175,00	367,00

Self-clamping type.
For ALUMINIUM cables and ropes.
In forged steel, long hardened anti-sliding jaws.

SCU



2134GD
2134GE
2134GF

Art.		2134GD	2134GE	2134GF
For cable Ø	mm	5,4-8,5	8,6-12	12,1-16
Max Workload	Kg	1000	1700	3000
Breakage load	Kg	1700	3000	5500
Weight	Kg	0,8	1,1	1,8
Each		112,00	129,00	179,00

Frog-shaped type.
For steel cables. With hardened knurled jaws.

SCU



2134GL
2134GP
2134GR

Art.		2134GL	2134GP	2134GR
For cable Ø	mm	1-5	1-8	1-12
Each		35,10	39,10	57,20



MANUAL TWISTERS

2140G



Orig. Schröder - Art. 9.002.0

With hook in hardened steel and wooden handle to twist and make the eyelet at the ends of metal wires. Apt for binding round concrete bars and for other works in the building sector, the agricultural sector, etc.

Overall length mm 200
2140G Each **9,68**

AUTOMATIC TWISTERS

2142G



Orig. Schröder - Art. 9.001.4

With hook in hardened steel, plastic-coated handle, with spiral pin and inside spring that automatically rotate the hook. Apt for twisting metal wires and making eyelets at their ends.

Overall length mm 310
2142G Each **32,20**

TURNBUCKLES

2150



Prod. SCU

Galvanised steel type. In compliance with the Machinery Directive 89/392EEC.

With 2 eyelets.

Screw Ø	M.	5	6	8	10	12	14	16
Working load	Ton	0,10	0,15	0,30	0,47	0,65	0,80	1,25
2150	Each	1,48	2,12	2,92	4,22	6,18	8,40	12,70
Screw Ø	M.	18	20	22	24			
Working load	Ton	1,5	1,8	2,25	2,8			
2150	Each	21,30	21,60	29,10	40,60			

Size M 5 not marked "CE" for small dimension.

2151



Product description as Art. 2150

With 1 eyelet and 1 hook.

Screw Ø	M.	5	6	8	10	12	14	16
Working load	Ton	0,025	0,045	0,075	0,115	0,15	0,21	0,34
2151	Each	1,48	2,12	2,92	4,22	6,18	8,40	12,70
Screw Ø	M.	18	20	22	24			
Working load	Ton	0,45	0,65	0,9	1,2			
2151	Each	21,30	21,60	29,10	40,60			

Size M 5 not marked "CE" for small dimension.

2151E



Product description as Art. 2150

With 2 hooks.

Screw Ø	M.	5	6	8	10	12	14	16
Working load	Ton	0,025	0,045	0,075	0,115	0,15	0,21	0,34
2151E	Each	1,48	2,12	2,92	4,22	6,18	8,40	12,70
Screw Ø	M.	18	20	22	24			
Working load	Ton	0,45	0,65	0,9	1,2			
2151E	Each	21,30	21,60	29,10	40,60			

Size M 5 not marked "CE" for small dimension.

2151T



Product description as Art. 2150

With 2 forks.

Screw Ø	M.	10	12	14	16	20	22	24
Working load	Ton	0,45	0,65	0,75	1	1,40	1,80	2
2151T	Each	10,10	14,10	28,80	32,10	51,70	68,90	74,80

2152

INOX



Stainless steel type AISI 316.

With 2 eyelets.

Screw Ø	M.	5	6	8	10	12		
Working load	Ton	0,035	0,07	0,135	0,175	0,275		
2152	Each	5,32	7,20	11,90	20,70	36,30		

2153

INOX



Product description as Art. 2152

With 1 eyelet and 1 hook.

Screw Ø	M.	5	6	8	10	12		
Working load	Ton	0,02	0,035	0,05	0,085	0,11		
2153	Each	5,32	7,20	11,90	20,70	36,30		

For the dimensions of turnbuckles see technical tables at the end of the catalogue.



THIMBLES, ROPE CLIPS AND SCREW PIN SHACKLES

Prod. SCU

Galvanised steel type.
Zinc-coated thimbles.

For ropes Ø	mm	3	4	5	6	8	10	12
2155	Each	0,14	0,16	0,18	0,22	0,32	0,38	0,52
For ropes Ø	mm	14	16	20	22	25		
2155	Each	0,60	0,82	1,86	2,00	2,76		

SCU



2155

Fully forged and galvanised steel type. In compliance with the Machinery Directive 89/392EEC.

Zinc-coated rope clips.

For ropes Ø	mm	3	5	6	8	10	11	12
2156	Each	0,38	0,46	0,60	0,66	0,98	1,02	1,52
For ropes Ø	mm	14	16	20	22	24		
2156	Each	1,74	2,12	3,22	3,50	4,14		

SCU



CE

2156

Size mm 3 not marked "CE" for small dimension.

Product description as Art. 2156

Zinc-coated screw pin shackles, with marked displacement.

Pivot Ø	mm	5	6	8	10	11	12	14
Working load	Ton	0,10	0,16	0,25	0,40	0,50	0,63	0,8
2157	Each	0,52	0,74	1,24	1,46	1,76	2,12	2,86
Pivot Ø	mm	16	20	22	25			
Working load	Ton	1	1,6	2	2,5			
2157	Each	4,24	7,36	9,94	13,70			

SCU



CE

2157

Sizes mm 5 not marked "CE" for small dimension.

Fully made of forged steel G9 high resistance.

OMEGA Zinc-coated screw pin shackles, varnished and carrying capacity marking.

Pivot Ø	inch	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Working load	Ton	0,50	0,75	1	1,5	2	3,25	4,75
2157E	Each	1,56	1,72	2,46	3,28	4,34	6,98	11,30
Pivot Ø	inch	7/8	1	1.1/8	1.1/4	1.3/8	1.1/2	
Working load	Ton	6,5	8,5	9,5	12	13,5	17	
2157E	Each	17,40	25,20	35,10	44,80	62,50	81,10	

SCU



CE

2157E

Stainless steel type AISI 316.

Stainless steel thimbles.

For ropes Ø	mm	3	4	5	6	8	10	12
2158A	Each	0,48	0,54	0,60	0,88	1,50	2,58	3,34
For ropes Ø	mm	14	16	20				
2158A	Each	5,94	8,68	13,30				

SCU



INOX

2158A

Product description as Art. 2158A

Stainless steel rope clips.

For ropes Ø	mm	3	5	6	8	10	12	14
2158B	Each	1,26	1,56	1,76	2,66	4,12	6,66	7,52
For ropes Ø	mm	16	20	22	26			
2158B	Each	10,20	14,50	19,60	23,30			

SCU



INOX

2158B

AISI 316 stainless steel type. Not to be used for lifting.

Stainless steel screw pin shackles.

Pivot Ø	mm	4	5	6	8	10	12	14
Working load	Ton	0,03	0,06	0,10	0,20	0,30	0,50	0,60
2158E	Each	1,68	1,76	2,32	4,10	7,04	12,20	18,10
Pivot Ø	mm	16	20					
Working load	Ton	0,80	1					
2158E	Each	26,20	43,10					

SCU



INOX

2158E

AISI 316 stainless steel model.

Conforms with 89/392 CEE Machinery Directive.

Stainless steel screw pin shackles.

Pivot Ø	mm	8	10	12	14	16	20
Working load	Ton	0,25	0,40	0,63	0,80	1	1,60
2158F	Each	4,54	7,66	13,40	19,90	28,80	47,40

SCU



INOX

CE

2158F

For the dimensions of redances - shackles - clips see technical tables at the end of the catalogue.



MALE AND FEMALE EYEBOLTS

2159T

SCU



Prod. SCU

Forged steel type. With round eye, in compliance with DIN 580.

Male eyebolts, black finish.

Metric pitch thread	M.	6	8	10	12	14	16	18
Vertical workload	Kg	75	140	230	340	500	700	930
Oblique workload	Kg	50	100	170	240	320	500	590
2159T	Each	0,98	0,98	1,46	2,08	3,08	3,16	4,68
Metric pitch thread	M.	20	22	24	27	30	36	42
Vertical workload	Kg	1200	1450	1800	2700	3200	4600	6300
Oblique workload	Kg	860	1000	1290	1750	2300	3300	4500
2159T	Each	4,74	9,58	9,74	19,70	20,40	36,50	56,80

2160

SCU



Product description as Art. 2159T

Male eyebolts, galvanized.

Metric pitch thread	M.	6	8	10	12	14	16	18	20
Vertical workload	Kg	75	140	230	340	500	700	930	1200
Oblique workload	Kg	50	100	170	240	320	500	590	860
2160	Each	1,00	1,02	1,52	2,16	3,20	3,30	4,88	4,96
Metric pitch thread	M.	22	24	27	30	36	42	48x3	48x5
Vertical workload	Kg	1450	1800	2700	3200	4600	6300	8600	8600
Oblique workload	Kg	1000	1290	1750	2300	3300	4500	6100	6100
2160	Each	9,92	10,20	20,70	21,40	37,30	58,50	89,80	89,80

The measurement MF 48x3 is fine pitch.

2160F

SCU

INOX



INOX AISI 316 steel type. With round eye, like DIN 580.

Stainless steel male eyebolts.

Metric pitch thread	M.	6	8	10	12	16	20
Vertical workload	Kg	75	140	230	340	700	1200
Oblique workload	Kg	50	100	170	240	500	860
2160F	Each	4,86	5,00	8,88	14,10	23,50	35,20

2160L

SCU

INOX



AISI 316 stainless steel, forged type. With round eye.

Male eyebolts, stainless steel, also suitable for lifting.

Metric pitch thread	M.	6	8	10	12	16	20
Vertical workload	Kg	75	140	230	340	700	1200
Oblique workload	Kg	50	100	170	240	500	860
2160L	Each	5,20	5,40	9,54	14,90	25,10	37,60

2160T

SCU



Forged steel type. With round eye, similar to DIN 582.

Female eyebolts, black finish.

Metric pitch thread	M.	6	8	10	12	14	16	18
Vertical workload	Kg	50	140	230	340	500	700	930
Oblique workload	Kg	35	100	170	240	320	500	590
2160T	Each	0,98	0,98	1,46	2,08	3,08	3,16	4,68
Metric pitch thread	M.	20	22	24	27	30	36	42
Vertical workload	Kg	1200	1450	1800	2700	3200	4600	6300
Oblique workload	Kg	860	1000	1290	1750	2300	3300	4500
2160T	Each	4,74	9,58	9,74	19,70	20,40	36,50	56,80

2161

SCU



Product description as Art. 2160T

Female eyebolts, galvanized.

Metric pitch thread	M.	6	8	10	12	14	16	18
Vertical workload	Kg	50	140	230	340	500	700	930
Oblique workload	Kg	35	100	170	240	320	500	590
2161	Each	1,00	1,02	1,52	2,16	3,20	3,30	4,88
Metric pitch thread	M.	20	22	24	27	30	36	42
Vertical workload	Kg	1200	1450	1800	2700	3200	4600	6300
Oblique workload	Kg	860	1000	1290	1750	2300	3300	4500
2161	Each	4,96	9,92	10,20	20,70	21,40	37,30	58,50



AISI 316 stainless steel type, FORGED. With round eye, similar to DIN 582.

Stainless steel female eyebolts.

Metric pitch thread	M.	6	8	10	12	16	20
Vertical workload	Kg	50	140	230	340	700	1200
Oblique workload	Kg	35	100	170	240	500	860
2161F	Each	4,86	5,00	8,88	14,10	23,50	35,20

SCU

INOX

2161F



AISI 316 stainless steel, forged type. With round eye.

Female eyebolts, stainless steel, also suitable for lifting.

Metric pitch thread	M.	6	8	10	12	16	20
Vertical workload	Kg	75	140	230	340	700	1200
Oblique workload	Kg	50	100	170	240	500	860
2161L	Each	5,20	5,40	9,54	14,90	25,10	37,60

SCU

INOX

2161L



For dimensional measures of male and female eyebolts see technical tables at the end of the catalog.

MULTI DIRECTIONAL USING LIFTING SWIVELS

Prod. SCU

360° swivel and 180° swinging model, for optimal working angle.

In alloy steel, GRADE 80, hardened.

Painted red.

Metric pitch thread	M.	8	10	12	16	20	24
Vertical workload	Kg	600	900	1000	2000	4000	6300
Oblique workload	Kg	300	450	500	1120	2000	3150
2162	Each	36,20	37,80	39,70	41,70	65,10	97,50

SCU

2162



BETA COTTER PINS

Prod. SCU

Galvanised steel type.

Tension rod Ø	mm	2	3	3,5	4	5	6
Overall length	mm	41	67	75	75	105	117
2165	Each	0,12	0,18	0,22	0,26	0,56	0,92

SCU

2165



AISI 304 stainless steel model.

Tension rod Ø	mm	2	3	4	5	6
Overall length	mm	41	67	75	105	117
2165F	Each	0,36	0,72	1,32	2,64	4,12

SCU

INOX

2165F



SNAP COTTER PINS

Prod. SCU

Galvanised steel type.

Pivot Ø	mm	4,5	6	8	10
Pivot length	mm	40	40	40	40
2165P	Each	0,70	0,74	0,78	0,88

SCU

2165P



TROLLEYS FOR RADIATORS

Prod. SCU

For transport of different object and with a specific hook for transport and precise positioning of radiators. In sturdy steel square section, rubber handgrips, lifting crank mechanism, 2 big rubber wheels and 2 couples of small wheels for trolley transverse movement.

Maximum height: 930mm. Width: 550mm. Weight: 18kg. Maximum load: 250kg.

2200A	Each	689,00
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SCU

2200A





MULTI-PURPOSE STAIR CLIMBING TROLLEYS

2200E

SCU



Prod. SCU

With 10 wheels for transport over steps of different objects and with a specific hook for transport and precise positioning of radiators. In sturdy steel square section, rubber handgrips, lifting crank mechanism, 6 big rubber swivel wheels and 2 couples of small wheels for trolley transverse movement.

Maximum height: 1100mm. Width: 530mm. Weight: 27kg. Maximum load: 250kg.

2200E	Each	904,00
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ADJUSTABLE JACK STANDS

2215

SCU

CE



Prod. SCU

For garages and machine shops.

Robust and practical. Manufactured according to the EUROPEAN specifications and approved by the German TÜV agency. Painted. Provided ONLY IN PAIR.

Max capacity	Kg	3000	6000
Min height	mm	288	395
Max height	mm	425	605
Weight each column	Kg	3,2	6,5
2215	Per pair	72,40	134,00

2216A
2216B
2216C

SCU



For garages and repair shops.
Sturdy and safe. Finely painted.
Standard type.

Art.		2216A	2216B	2216C
Max capacity	Kg	1000	1000	3500
Min height	mm	280	380	440
Max height	mm	480	650	740
Weight	Kg	3	3,4	8
Base		triangular	triangular	square
Each		59,10	70,80	132,00

2216P
2216S

SCU



For heavy loads, with 5 position holes and adjustment pin.
Reinforced type with carrying handle.

Art.		2216P	2216S
Max capacity	Kg	8000	12000
Min height	mm	450	450
Max height	mm	740	740
Weight	Kg	20	26
Base		square	square
Each		341,00	411,00

HYDRAULIC GARAGE JACKS

2216V

SCU

CE



Prod. SCU

Hydraulic type for garages and workshops. The 2000 Kg lift is supplied in carrying case for easy transport and storage in vehicles. Sturdy and easy to handle execution. Built according to the EUROPEAN standards and approved by the German TÜV agency.

Capacity on fine plate	Kg	2000	3000
Min lifting	mm	135	145
Max lifting	mm	335	500
Trolley length	mm	460	640
Weight	Kg	8	36
2216V	Each	108,00	372,00



Hydraulic type, for garages and repair shops. Sturdy and ribbed finish.

Capacity on fine plate	Kg	1200	1500	3000	5000
Min lifting	mm	135	130	140	155
Max lifting	mm	525	520	520	550
Trolley length	mm	650	1190	1280	1530
Weight	Kg	32	43	56	75
2217	Each	619,00	792,00	994,00	1.330,00



HYDRAULIC VEHICLE JACKS

Orig. Weber - Art. Mod. A

Manufactured in compliance with DIN 76024 standards and with the approval of the German institute TÜV.

With piston and adjustable threaded spindle. Sturdy, precise finish, safe functioning. Special indeformable gaskets.

Max capacity	Kg	2000	3500	5000	8000	10000
Max height as closed	mm	170	170	212	220	220
Max height as high	mm	377	377	462	480	480
Weight without lever	Kg	2,9	2,9	3,9	5,7	5,7
Base type		flat	flat	flat	tilting	tilting
2220G	Each	130,00	145,00	164,00	193,00	201,00

Max capacity	Kg	12000	15000	20000	25000	30000
Max height as closed	mm	230	230	240	240	240
Max height as high	mm	497	495	505	515	482
Weight without lever	Kg	7,1	8,3	10,7	13,1	14,5
Base type		tilting	tilting	tilting	tilting	tilting
2220G	Each	217,00	239,00	309,00	444,00	458,00

Sets of spare gaskets for Art. 2220 G.

Max capacity	Kg	2000	3500	5000	8000	10000
O2220G	Each	32,30	32,30	48,90	53,80	53,80
Max capacity	Kg	12000	15000	20000	25000	30000
O2220G	Each	47,40	50,40	49,50	60,30	71,00

THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.

Orig. Weber - Art. A50-250 - Art. A100-300

Manufactured in compliance with DIN 76024 standards and with the approval of the German institute TÜV.

Big load capacity pistons. Large reinforced base. Double lifting pump.

The pump on the left side of the seal valve is used to bring quickly the piston to the lifting point with a maximum load capacity of:

12.5t for the model with max load 50.000 kg

25t for the model with max load 100.000 kg.

The smaller pump, on the right side of the valve, is used to reach more slowly 50.000 kg and 100.000 kg.

Provided with overload safety valve. Indeformable, high-seal gaskets.

Max capacity	Kg	50000	100000
Max height as closed	mm	250	300
Max height as high	mm	405	450
Weight without lever	Kg	33	87
Oil content	l	1,4	2,8
Flow rate I left pump	t.	12,5	25
Flow rate II right pump	t.	50	100
Reinforced base	mm	290x235	330x295
2220GS	Each	1.250,00	4.120,00

Sets of spare gaskets for Art. 2220 GS.

Max capacity	Kg	50000	100000
O2220GS	Each	123,00	222,00

Size 100000 running out of stock.

THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.



CE 2220G



CE 2220GS



**2221GA****Orig. Weber - Art. ATD 10-120**

Manufactured in compliance with DIN 76024 standards and with the approval of the German institute TÜV.

With flat body. Highly indicated for works in which there is small place for the hydraulic jack. Overload safety valve.

With double telescopic piston. Cylinder seal granted by special indeformable gaskets.

Max capacity	Kg	10000
Max height as closed	mm	120
Max height as high	mm	230
Weight without lever	Kg	6,9
Base type		tilting
Lever movement		vertical

2221GA	Each	480,00
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Sets of spare gaskets for Art. 2221 GA.

O2221GA	Each	58,60
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THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.

2222G**Orig. Weber - Art. ATN 10-175**

Manufactured in compliance with DIN 76024 standards and with the approval of the German institute TÜV.

With flat body. Highly indicated for works in which there is small place for the hydraulic jack. Overload safety valve.

With double telescopic piston. Cylinder seal granted by special indeformable gaskets.

Max capacity	Kg	10000
Max height as closed	mm	175
Max height as high	mm	385
Weight without lever	Kg	7,9
Base type		flat
Lever movement		horizontal

2222G	Each	501,00
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Sets of spare gaskets for Art. 2222 G.

O2222G	Each	58,60
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THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.

2223G**Orig. Weber - Art. ADX4-370 - Art. ADX10-370**

Manufactured in compliance with DIN 76024 standards and with the approval of the German institute TÜV.

With very long body. Highly indicated for works in which high lifting is required. Overload safety valve. With stable telescopic piston and large lifting base. Pistons seal granted by indeformable gaskets.

Max capacity	Kg	4000	10000
Max height as closed	mm	370	370
Max height as high	mm	630	630
Weight without lever	Kg	6	8,5
Base type		flat	tilting

2223G	Each	230,00	297,00
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Sets of spare gaskets for Art. 2223 G.

Max capacity	Kg	4000	10000
O2223G	Each	38,80	53,80



THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.

2224G**Orig. Weber - Art. ATDX - Art. AT**

Manufactured in compliance with DIN 76024 standards and with the approval of the German institute TÜV. With double telescopic piston. Sturdy finish and safe functioning. Overload safety valve.

Pistons seal granted by indeformable gaskets.

With lever.

Max capacity	Kg	3000	5000
Max height as closed	mm	185	215
Max height as high	mm	400	520
Weight without lever	Kg	4,1	6,3
Base type		tilting	tilting

2224G	Each	295,00	398,00
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The capacity 3000 kg has the plate of concave instead of flat shape.

Sets of spare gaskets for Art. 2224 G.

Max capacity	Kg	3000	5000
O2224G	Each	60,30	66,40



THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.



Orig. Weber - Art. ATG - Art. ATPX

Manufactured in compliance with DIN 76024 standards and with the approval of the German institute TÜV. With double piston and threaded spindle. Sturdy finish and safe functioning. Overload safety valve.

Pistons seal granted by indeformable gaskets.

With lever.

Max capacity	Kg	10000	12000
Max height as closed	mm	200	230
Max height as high	mm	530	570
Weight without lever	Kg	8,8	12,2
Base type		tilting	tilting
2225G	Each	482,00	573,00

Sets of spare gaskets for Art. 2225 G.

Max capacity	Kg	10000	12000
O2225G	Each	58,60	50,40



CE 2225G



THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.

SCAFFOLDS - WORK BENCHES

Prod. SCU

Practical combination of scaffold / workbench thanks to reversible shelves and telescopic legs. Sturdy aluminum legs, foldable for easy transport. Hardboard worktop, size 1010x480 mm, with storage compartment. Scaffold shelf in reinforced plastic with grid structure, size mm 1170x480. Bench height 810 mm; scaffold height 550 mm.

Total length closed mm 1345x610x120h. Maximum capacity 240 kg. Weight 20 kg.

2226T	Each	248,00
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Folding workbenches see also Art. 994 GBR.

SCU

2226T



RIPIANO REVERSIBILE

TROLLEYS FOR UNDER-CAR REPAIRS

Orig. Gedore - Art. 905

In polypropylene, comfortable, anatomic, well tolerated by the skin, resistant to oils, grease and brake liquidis.

On 6 pivoting wheels.

With mattress under head and 2 lateral boxes for tools. Capacity 130 kg.

Length	mm	1030
Width	mm	480
2227	Each	112,00

GEDORE

2227



Prod. SCU

In painted steel sheet.

On 4 pivoting wheels.

With headrest.

Length	mm	1000
Width	mm	440
2227A	Each	147,00

SCU

CE 2227A



Product description as Art. 2227A

With mattress for maximum comfort.

Length	mm	1000
Width	mm	480
2227B	Each	240,00

SCU

CE 2227B



HIGH BOARDS

Orig. Gedore - Art. 906

In rigid foam material, non absorbing, resistant to oils and grease.

With handle.

Length	mm	450
Width	mm	210
2227B 3	Each	19,10

GEDORE

2227B 3





2227B 3E SCU
new



Prod. SCU

In a special high-resistance rubber foam, soft, anatomic, with a small object tray, highly resistant to impact, perforation, moisture, oils and greases.

With handle.

Can also be used in combination with the mat Art. 2227 B 3L.

Length	mm	420
Width	mm	250
2227B 3E	Each	41,40

2227B 3L SCU
new



Mobile type equipped with four 360 ° rotating wheels for an easy movement. With soft cushion in high density foam; very comfortable and spacious for a remarkable work comfort. Can also be used in combination with the mat Art. 2227 B 3E. Frame with handle in sturdy steel sheet. Capacity up to 120 kg. Ideal for all work on the ground where maximum mobility is required, in the mechanical, construction, automotive, etc. fields.

Length	mm	610
Width	mm	255
Weight	Kg	3,5
2227B 3L	Each	247,00

For knee pads see Art. 3403 and 2 to 3403 and 21.

WORKSHOP STOOLS

2227B 5 SCU



Prod. SCU

Model with 4 sturdy casters.

Steel ribbed body profile with seat, includes soft padded material, set at a height of 385 mm.

Large tool tray and hardware.

Dimensions 420x370x385h mm. Weight 5 Kg. Maximum load weight of 90 kg.

2227B 5	Each	206,00
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MOBILE HYDRAULIC CRANES

2227D



Prod. SCU

Fixed type.

Frame and pump can be disassembled. Stop device, hook and safety valve.

Double-acting pump, wheels in nylon and rubber (2 pivoting wheels). 4-positions lifting arm.

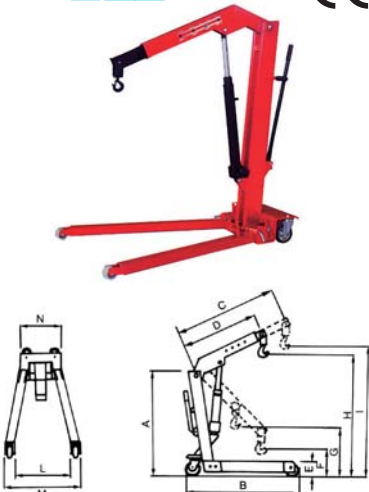
Cardboard package.

Max. capacity 1st pos.	Kg	500	1000
Max. capacity 4th pos.	Kg	150	300
Weight	Kg	77	95
2227D	Each	975,00	1.420,00

DIMENSIONI GRU Art. 2227 D

Portata kg	A	B	C	D	E	F	G	H	I	L	M	N
500	1620	1260	1310	1010	143	410	650	2160	2340	750	885	665
1000	1700	1520	1550	1250	170	520	700	2160	2340	950	1060	750

2227E



Foldable type.

Apt for problems with overall dimensions and transport. Low frame (distance from the ground: 90mm) for very small places.

Stop device, hook and safety valve. Double-acting pump, wheels in nylon and rubber (2 pivoting wheels). 4-positions lifting arm. Cardboard package.

Max. capacity 1st pos.	Kg	500	1000
Max. capacity 4th pos.	Kg	150	300
Weight	Kg	87	117
2227E	Each	1.280,00	1.750,00

DIMENSIONI GRU Art. 2227 E

Portata kg	A	B	C	D	E	F	G	H	I	L	M	N
500	1490	1530	1320	1010	90	100	400	1990	2140	730	860	430
1000	1480	1600	1300	1000	90	110	400	2160	2340	800	1000	540



GB-PIT JACKS

Prod. SCU

Particularly indicated for garage pits and under bridges. For lifting heavy and bulky mechanical parts. Trolley and pump can be disassembled, pedal lift action, 4 pivoting wheels, safety valves. Upper support. Cardboard package.

Max capacity	Kg	250	500	1000
Weight	Kg	24	35	42
2227F	Each	583,00	716,00	963,00

DIMENSIONI SOLLEVATORI Art.2227 F

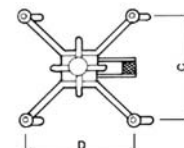
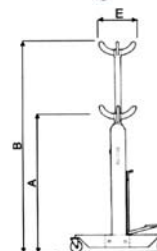
Portata kg	A	B	C	D	E
250	1100	1910	380	410	320
500	1130	1930	500	410	350
1000	1150	1930	500	540	360



250



500
1000



RATCHET JACKS

Prod. SCU

In steel, sturdy and handy, tested to 3175 Kg. Lever operated, apt for lifting, pulling and tightening.

Max capacity	Kg	2114
Overall height	mm	1568
Max lifting height	mm	1210
Min lifting height	mm	115
Weight	Kg	14,20
2228G	Each	348,00



RACK AND PINION JACKS

Orig. Peddinghaus - Art. 8000-8100-8200-8300

Manufactured according to DIN 7355 standards. Completely made of steel. Bolted body can be easily disassembled and inspected. Steel gears, with hardened interchangeable operating parts. Maximum safety and duration. Safety winch to brake descent. Side support and upper support with the same load capacity.

Type with safety winch.

Max capacity	Kg	1500	3000	5000	10000
Ratio		simple	simple	double	double
Stroke	mm	360	425	425	490
Max height as closed	mm	600	730	730	800
Weight	Kg	14	20	28	46
2228G 1	Each	345,00	384,00	425,00	524,00



Prod. SCU

With a smaller height compared to those manufactured in compliance with DIN 7355 standards. Completely made of steel. Bolted body can be easily disassembled and inspected. Steel gears with hardened interchangeable operating parts, Maximum safety and duration. Safety winch to brake descent. Lateral support and upper support with the same load capacity.

PARTICULARLY INDICATED FOR LIFTING HEAVY MOTOR VEHICLES, AGRICULTURAL MACHINES, ETC.

With safety winch.

Max capacity	Kg	1500	3000	5000	10000
Ratio		simple	simple	double	double
Stroke	mm	300	300	300	300
Max height as closed	mm	570	570	600	650
Weight	Kg	11	18	22	38
2228GA	Each	532,00	605,00	714,00	1.120,00



**2228GBN** SCU

Manufactured in compliance with DIN 7355 standards. Completely made of steel. Bolted body can be easily disassembled and inspected. Steel gears with hardened interchangeable operating parts, Maximum safety and duration. Safety winch to brake descent. Lateral support and upper support with the same load capacity.

With safety winch.

Max capacity	Kg	1500	3000	5000	10000
Ratio		simple	simple	double	double
Stroke	mm	350	350	300	300
Max height as closed	mm	725	725	725	800
Weight	Kg	12	20	24	42
2228GBN	Each	532,00	605,00	714,00	1.120,00

2228GCN SCU

Product description as Art. 2228GBN

With safety winch and cric.

Max capacity	Kg	1500	3000	5000	10000
Ratio		simple	simple	double	double
Stroke	mm	350	350	300	300
Max height as closed	mm	725	725	725	800
Weight	Kg	12	20	24	42
2228GCN	Each	617,00	690,00	818,00	1.220,00

2230GN SCU

Manufactured in compliance with DIN 7355 standards. Steel gears with hardened interchangeable operating parts. With movable support. It allows to place the jack quickly by using all the available stroke. Safety winch. Movable support and upper support with the same load capacity.

Max capacity	Kg	3000	5000	10000
Ratio		simple	double	double
Stroke	mm	350	300	300
Max height as closed	mm	725	725	800
Weight	Kg	23	29	46
2230GN	Each	747,00	889,00	1.330,00

2232GN SCU

Manufactured in compliance with DIN 7355 standards. Completely made of steel. Bolted body can be easily disassembled and inspected. Steel gears with hardened interchangeable operating parts. Safety winch. With in-and-out clamping bracket to hold tracks, section bars, billets, etc. Lateral support and upper support with the same load capacity. Enlarged base allows working in small consistency grounds.

Max capacity	Kg	3000	5000	10000
Ratio		simple	double	double
Stroke	mm	340	300	300
Max height as closed	mm	715	715	790
Weight	Kg	23	26	44
2232GN	Each	710,00	823,00	1.300,00

BÜFFEL HYDRAULIC JACKS**2240G**

Orig. Weber - Art. B

Manufactured in compliance with European standards. Hydraulic operated. Completely made of steel, operating parts in special hardened steel and chromed piston. Special indeformable gaskets. 360° rotating body. Provided with overload safety valve. Lower support base, square and flat, with dimensions 100x100mm, interchangeable, with reduced movement lever, 360° rotation. Lateral support foot, 4-positions adjustable (for 10.000kg 6 positions). Particularly indicated for heavy use where big weights are to be handled with minimum effort. It can be used in any position.

Max capacity	Kg	5000	10000
Stroke	mm	280	350
Max height as closed	mm	650	800
Weight	Kg	26	38
2240G	Each	3.880,00	5.260,00

Size Kg 5000 running out of stock



NEEDLE FILES FOR METALS

Orig. Hasen-Feilen

For iron and soft metals. Bastard (B), Second-cut (1/2D) and smooth (D) cut files.

Total length 140mm. Shank diameter: 3mm.

Profiles		A	A	A	B	B	B	D	D	D
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D
2300G	Each	5,20	5,20	5,20	5,20	5,20	5,20	5,20	5,20	5,20
Profiles		E	E	E	F	F	F	H	H	H
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D
2300G	Each	5,20	5,20	5,20	5,20	5,20	5,20	5,82	5,82	5,82



2300G
2301G
2301GA
2301GE

Product description as Art. 2300G

Total length 160mm. Shank diameter: 3mm.

Profiles		A	A	A	B	B	B	D	D	D	E	E	E	F	F	F
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D
2301G	Each	6,02	6,02	6,02	6,02	6,02	6,02	6,02	6,02	6,02	6,02	6,02	6,02	6,02	6,02	6,02
Profiles		H	H	H												
Cut		B	1/2D	D												
2301G	Each	6,30	6,30	6,30												

Product description as Art. 2300G

Total length 180 mm. Ø stem 3,5 mm.

Profiles		B	B	B	D	D	D	E	E	E	F	F	F	H	H	H
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D
2301GA	Each	6,64	6,64	6,64	6,64	6,64	6,64	6,64	6,64	6,64	6,64	6,64	6,64	7,26	7,26	7,26

Product description as Art. 2300G

Total length 200 mm. Ø stem 3,5 mm.

Profiles		B	B	B	D	D	D	E	E	E	F	F	F	H	H	H
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D
2301GE	Each	7,68	7,68	7,68	7,68	7,68	7,68	7,68	7,68	7,68	7,68	7,68	7,68	8,64	8,64	8,64

Prod. SCU - Orig. Dick

Very strong type. Suitable also for hard steel.

Files: bastard (B), second-cut (1/2D) and smooth (D).

Total length 140mm. Shank diameter: 3mm.



2302G
2303G
2304G
2305G

Profiles		A	A	B	B	B	C	C	C	D	D	D	E	E	E	F
Cut		1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D	B
2302G	Each	14,40	14,40	12,80	12,80	12,80	18,50	18,50	18,50	14,40	14,40	14,40	16,60	16,60	16,60	12,80
Profiles		F	F	G	G	G	H	H	H							
Cut		1/2D	D	B	1/2D	D	B	1/2D	D							
2302G	Each	12,80	12,80	16,10	16,10	16,10	16,10	16,10	16,10							

Product description as Art. 2302G

Total length 160mm. Shank diameter: 3 mm.

Profiles		A	A	A	B	B	B	C	C	C	D	D	D	E	E	E
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D
2303G	Each	15,70	15,70	15,70	14,80	14,80	14,80	19,70	19,70	19,70	15,70	15,70	15,70	18,10	18,10	18,10
Profiles		F	F	F	G	G	G	H	H	H						
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D						
2303G	Each	14,80	14,80	14,80	17,10	17,10	17,10	17,10	17,10	17,10						

Product description as Art. 2302G

Total length 180mm. Shank Ø 3mm.

Profiles		A	A	A	B	B	B	C	C	C	D	D	D	E	E	E
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D
2304G	Each	18,30	18,30	18,30	16,20	16,20	16,20	22,70	22,70	22,70	18,30	18,30	18,30	21,10	21,10	21,10
Profiles		F	F	F	G	G	G	H	H	H						
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D						
2304G	Each	16,20	16,20	16,20	19,80	19,80	19,80	19,80	19,80	19,80						

Product description as Art. 2302G

Total length 200mm. Shank Ø 3mm.

Profiles		A	A	A	B	B	B	C	C	C	D	D	D	E	E	E
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D
2305G	Each	21,70	21,70	21,70	19,40	19,40	19,40	26,90	26,90	26,90	21,70	21,70	21,70	24,90	24,90	24,90
Profiles		F	F	F	G	G	G	H	H	H						
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D						
2305G	Each	19,40	19,40	19,40	23,50	23,50	23,50	23,50	23,50	23,50						



SETS OF NEEDLE FILES

2306G

**Orig. Hasen-Feilen - Art. 2200/6**

Set of 6 files in plastic wallet.

Second-cut file. Shapes: flat, half-round, triangular, square, round, equaling.

Overall length	mm	140	160
2306G	Series	30,90	35,80

2307G

**Orig. Hasen-Feilen - Art. 2200/12**

Set of 12 files in plastic wallet. Second-cut file. Shapes: flat, flat with rounded edges, acute triangle, acute triangle with rounded edges, triangular, square, half-round, round, knife, slitting, oval, bar.

Overall length	mm	140	160
2307G	Series	61,90	71,10

DIAMOND NEEDLE FILES FOR METALS

2309G

2310G

2311G

2313G

SCU

DIAMANTATE

Prod. SCU

Diamond needle type, for hand use. Suitable for the finishing of tools made of hardened steel or hard metal. Suitable also for glasses, crystals, hard stones, marbles etc.

Total length 100mm. (Diamond surface 50mm.). Fine grain (D91). Shank diameter: 2.30 mm.

Profiles		A	B	D	E	F	H
2309G	Each	32,90	32,90	32,90	32,90	32,90	32,90

Product description as Art. 2309G

Total length 140mm. (Diamond surface 70mm.). Medium grain (D126). Shank diameter: 3mm.

Profiles		A	B	D	E	F	H
2310G	Each	22,20	22,20	22,20	22,20	22,20	22,20

Product description as Art. 2309G

Total length 160mm. (Diamond surface 80mm.). Medium grain (D126). Shank diameter: 3mm.

Profiles		A	B	D	E	F	H
2311G	Each	26,60	26,60	26,60	26,60	26,60	26,60

Product description as Art. 2309G

Total length 200mm. (Diamond surface 90mm.). Medium grain (D151). Shank diameter: 3mm.

Profiles		A	B	D	E	F	H
2313G	Each	33,50	33,50	33,50	33,50	33,50	33,50

SETS OF DIAMOND NEEDLE FILES

2320G

SCU

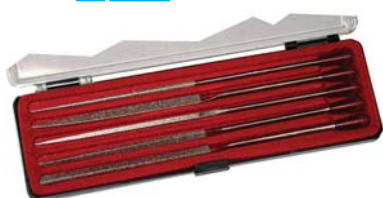
DIAMANTATE

Prod. SCU

Set of 5 diamond files. Art. 2310 GB-D-E-F-H. In plastic wallet.

2320G	Series	118,00
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2321G

SCU

DIAMANTATE

Set of 5 diamond files. Art. 2311 GB-D-E-F-H. In plastic wallet.

2321G	Series	140,00
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CONTACT FILE SETS

Orig. Hasen-Feilen - Art. 5046

Professional set of 6 thin flat dead-smooth files.
Cutting edge length 90mm. Total length 150mm.
In plastic wallet.

2330G 6 Series **22,50**



2330G 6

Prod. SCU

Standard set of 6 thin flat dead-smooth files.
Cutting edge length 90mm. Total length 150mm.
In plastic package.

2331G Series **20,70**



2331G

DIAMOND FILES WITH HANDLES

Prod. SCU

Thin flat diamond type files, suitable for splines and very narrow spaces. Total length 180mm, width 13mm, diamond surface 80mm, with handgrip. Medium grain (D126)

Thickness	mm	0,40	0,50	0,60	0,80	1
2332G	Each	50,70	50,70	50,70	50,70	50,70



2332G

RIFFLER FILES

Prod. SCU

Suitable for iron and soft metals.
Length 180mm. Second-cut type.

Profiles		A	B	C	D	E	F	G
2334	Each	39,30	43,40	48,80	43,40	43,40	43,40	39,30
Profiles		H						
2334	Each	48,80						



2334

Prod. SCU - Orig. Dick

Heavy-duty type. Length 180mm.

2334 GB - Bastard file (B).

2334 G1/2D - Second-cut file (1/2D).

Profiles		A	A	B*	B	C	C	D
Cut		B	1/2D	B	1/2D	B	1/2D	B
2334G	Each	55,40	55,40	64,60	66,20	55,40	55,40	66,20
Profiles		D	E*	E*	F	F	G	G
Cut		1/2D	B	1/2D	B	1/2D	B	1/2D
2334G	Each	66,20	64,60	64,60	72,20	72,20	66,20	66,20

* Sizes running out of stock.



2334G

RIFFLER FILES SET

Prod. SCU

Set of 8 curved files Art. 2334 A-B-C-D-E-F-G-H. In plastic package.

2335 Series **335,00**



2335



DIAMOND RIFFLER FILES

2336G

SCU



DIAMANTATE

Prod. SCU

Diamond curve type, for hand use.
For the finishing of tools made of hardened steel or hard metal.
Suitable also for glasses, crystals, hard stones, marbles etc. Total length 150mm, length of diamond surface 25mm, medium grain (126)

Profiles		A	B	C	D	G
2336G	Each	40,50	40,50	40,50	40,50	40,50

FILES FOR MINOR REPAIRS

2337G

SCU



Prod. SCU

Professional set of 6 files for minor repairs. With handgrip. Length 4 inches.
Second-cut type. Shapes: flat, blunt, half-round, triangular, square, round, equalling.
In metal wallet.

2337G	Series	20,10
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2338

SCU



Standard set of 6 files for minor repairs. With handgrip. Length 4 inches.
Second-cut type. Shapes: flat, blunt, half-round, triangular, square, round, equalling.
In plastic package.

2338	Series	18,30
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PARALLEL FLAT FILES WITH HANDLE

2340G



Orig. Hasen-Feilen - Art. 1112 SBH

With drilled plastic handgrip to be hooked on display panel. In package.
1 toothed and 1 smooth side.

Overall length	inch	6	6	6	8	8	8	10
Cut		B	1/2 D	D	B	1/2 D	D	B
2340G	Each	6,64	6,76	7,02	7,58	7,88	8,48	9,88
Overall length	inch	10	10	12	12	12		
Cut		1/2 D	D	B	1/2 D	D		
2340G	Each	10,30	11,10	13,10	13,50	14,10		

HALF-ROUND FILES WITH HANDLE

2342G



Orig. Hasen-Feilen - Art. 1152 SBH

Product description as Art. 2340G

Overall length	inch	6	6	6	8	8	8	10
Cut		B	1/2 D	D	B	1/2 D	D	B
2342G	Each	9,46	9,76	9,98	11,10	11,60	12,10	14,40
Overall length	inch	10	10	12	12			
Cut		1/2 D	D	B	1/2 D			
2342G	Each	15,10	15,60	18,20	18,80			

ROUND FILES WITH HANDLE

2343G



Orig. Hasen-Feilen - Art. 1162 SBH

Product description as Art. 2340G

Overall length	inch	6	6	6	8	8	8	10
Cut		B	1/2 D	D	B	1/2 D	D	B
2343G	Each	6,16	6,64	6,98	7,24	7,50	7,96	9,08
Overall length	inch	10	10	12	12			
Cut		1/2 D	D	B	1/2 D			
2343G	Each	9,42	10,20	11,90	12,50			

Prices in EURO . VAT not included



SQUARE FILES WITH HANDLE

Orig. Hasen-Feilen - Art. 1142 SBH

Product description as Art. 2340G

Overall length	inch	6	6	6	8	8	8	10
Cut		B	1/2 D	D	B	1/2 D	D	B
2344G	Each	6,64	7,20	7,50	7,74	8,26	8,70	9,98
Overall length	inch	10	10					
Cut		1/2 D	D					
2344G	Each	10,20	10,70					



TRIANGULAR FILES WITH HANDLE

Orig. Hasen-Feilen - Art. 1132 SBH

Product description as Art. 2340G

Overall length	inch	6	6	6	8	8	8	10
Cut		B	1/2 D	D	B	1/2 D	D	B
2346G	Each	7,74	8,18	8,44	8,94	9,72	10,10	12,20
Overall length	inch	10	10					
Cut		1/2 D	D					
2346G	Each	12,80	13,80					



SETS OF FILES FOR MECHANICS

Orig. Hasen-Feilen

In plastic packages suitable for display and workshops.

Set of 6 files with handgrip, assorted shapes: flat blunt, equalling, half-round, square, triangular, round.

Bastard files

Overall length	inch	6	8
Supplier code		150/1	200/1
2348G	Series	57,70	66,90

Product description as Art. 2348G

Second-cut files.

Overall length	inch	6	8
Supplier code		150/2	200/2
2349G	Series	57,80	68,10



FILE AND RASP SETS

Orig. Hasen-Feilen - Art. 5050

Set of 4 8" bastard files in plastic packages. With handgrip. Assorted shapes: flat blunt, triangular, round, square and 1 8" rasp with handgrip, half-round type.

2349GL	Series	57,20
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PARALLEL FLAT FILES

Orig. Hasen-Feilen - Art. 1112

With one side toothed and one smooth.

Overall length	inch	4	4	4	6	6	6	8	8	8
Cut		B	1/2 D	D	B	1/2 D	D	B	1/2 D	D
2350G	Each	4,42	4,46	4,50	4,62	4,88	5,22	5,48	5,74	6,10
Overall length	inch	10	10	10	12	12	12	14	14	
Cut		B	1/2 D	D	B	1/2 D	D	B	1/2 D	
2350G	Each	7,50	7,74	8,60	9,94	10,70	11,60	13,70	14,30	

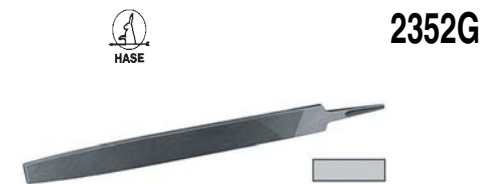


EQUALLING FILES

Orig. Hasen-Feilen - Art. 1122

With 2 toothed sides.

Overall length	inch	6	6	6	8	8	8	10
Cut		B	1/2 D	D	B	1/2 D	D	B
2352G	Each	4,62	4,88	5,22	5,48	5,74	6,12	7,50
Overall length	inch	10	10	12	12	12		
Cut		1/2 D	D	B	1/2 D	D		
2352G	Each	7,74	8,60	9,94	10,70	11,60		





HALF-ROUND FILES

2356G



Orig. Hasen-Feilen - Art. 1152

Overall length	inch	4	4	4	6	6	6	8	
Cut		B	1/2 D	D	B	1/2 D	D	B	
	2356G	Each	7,32	7,62	7,84	7,62	7,74	8,14	8,78
Overall length	inch	8	8	10	10	10	12	12	
Cut		1/2 D	D	B	1/2 D	D	B	1/2 D	
	2356G	Each	9,38	9,88	12,30	12,80	13,20	15,70	16,10
Overall length	inch	12							
Cut		D							
	2356G	Each	17,40						

ROUND FILES

2358G



Orig. Hasen-Feilen - Art. 1162

Overall length	inch	4	4	4	6	6	6	8	
Cut		B	1/2 D	D	B	1/2 D	D	B	
	2358G	Each	4,32	4,58	5,06	4,32	4,58	5,06	5,10
Overall length	inch	8	8	10	10	10	12	12	
Cut		1/2 D	D	B	1/2 D	D	B	1/2 D	
	2358G	Each	5,44	5,86	6,90	7,32	7,96	9,12	9,94
Overall length	inch	12	14	14					
Cut		D	B	1/2 D					
	2358G	Each	11,10	12,60	13,10				

SQUARE FILES

2360G



Orig. Hasen-Feilen - Art. 1142

Overall length	inch	4	4	4	6	6	6	8	
Cut		B	1/2 D	D	B	1/2 D	D	B	
	2360G	Each	4,50	5,14	5,32	4,76	5,22	5,56	5,66
Overall length	inch	8	8	10	10	10	12	12	
Cut		1/2 D	D	B	1/2 D	D	B	1/2 D	
	2360G	Each	6,08	6,50	7,54	7,96	8,56	11,40	12,10

KNIFE FILES

2362G



Orig. Hasen-Feilen - Art. 1172

Overall length	inch	6	6	8	8	10	10	
Cut		B	1/2 D	B	1/2 D	B	1/2 D	
	2362G	Each	11,10	11,30	13,40	14,90	19,80	21,80

TRIANGULAR FILES

2364G



Orig. Hasen-Feilen - Art. 1132

Overall length	inch	4	4	4	6	6	6	8	
Cut		B	1/2 D	D	B	1/2 D	D	B	
	2364G	Each	5,14	5,44	5,74	5,74	6,00	6,16	7,20
Overall length	inch	8	8	10	10	10	12	12	
Cut		1/2 D	D	B	1/2 D	D	B	1/2 D	
	2364G	Each	7,50	7,96	10,10	10,70	11,60	14,60	15,10

LATHE FLAT FILES

2370G



Orig. Peddinghaus - Art. 0904

Smooth files suitable for lathes.

Overall length	inch	12	
	2370G	Each	26,50

FILES WITH CROSS MILLING

2372G



Orig. Hasen-Feilen Kappa - Art. 1112 AZ

Very strong type, universal use. With special cutting edge (combined). Suitable for laminated plastic, soft metals, iron and also for hard steel.

Available only with flat blunt shape.

Overall length	inch	8	10	12	
	2372G	Each	10,20	12,80	16,20



DIAMOND FILES

Prod. SCU

Diamond type, for hand use. Suitable for tools in hardened steel, hard metal, plastic reinforced by fiber glass, crystals, hard stones, graphite, marbles etc.

Length 150mm. (diamond surface 110mm). Medium grain (D126). Plastic handle.

Profiles		A	B	C	D	E
Shape		flat	half-round	round	square	triangular
Section	mm	13x4	16x5,5	6 - 2	6x6	9,5x9,5
2375G	Each	91,60	95,10	50,40	84,50	84,50

Product description as Art. 2375G

Length 200mm. (diamond surface 160mm). Medium grain (D126). Plastic handle.

Profiles		A	B	C	D	E
Shape		flat	half-round	round	square	triangular
Section	mm	20x4	21x6	8 - 2	8x8	14x14
2376G	Each	189,00	168,00	115,00	150,00	150,00



TAPPER SAW FILES

Orig. Hasen-Feilen - Art. 1232

Second-cut. Standard type. Sharp edges.

Overall length	inch	4	5	6	7	8
2380G	Each	3,56	4,12	4,42	5,56	6,46



Orig. Hasen-Feilen - Art. 1237

Second-cut. Thin type. Sharp edges.

Overall length	inch	4	5	6	7	8
2382G	Each	3,56	4,12	4,42	5,56	6,46



Orig. Hasen-Feilen - Art. 1231

Second-cut. Heavy type. Round edges.

Overall length	inch	5	6	8
2384G	Each	5,38	6,08	8,94

Size inch 5 running out of stock.



MILL SAW FILES

Orig. Hasen-Feilen - Art. 1212R

Second-cut. With 2 round edges.

Overall length	inch	8	10
2386G	Each	7,96	11,10



Orig. Hasen-Feilen - Art. 1212

With 2 flat edges.

Overall length	inch	8	10
2388G	Each	6,46	8,74



CHAIN SAW FILES

Orig. Hasen-Feilen - Art. 1262

High quality type. For sharpening and dressing chain saw teeth.

Round shape, spiral smooth file.

Length 200mm.

Ø	mm	3,5
2394GA	Each	3,12



Orig. Hasen-Feilen

Product description as Art. 2394GA

Length 200mm.

Ø	mm	4	4,8	5,5
2394GB	Each	3,18	3,18	3,18



Prod. SCU

For sharpening and dressing chain saw teeth.

Round shape, spiral smooth file.

Length 200mm.

Ø	mm	4	4,8	5,3	5,6	6,4
2395	Each	2,30	2,30	2,30	2,30	2,30





MILLED FLAT FILES

2400G

TITAN



Orig. Titan - Art. 42

With oblique milling. With tang and chip breaker.

Overall length	inch	10	10	12	12	14	14	
Cut		B	1/2 D	B	1/2 D	B	1/2 D	
	2400G	Each	38,10	41,10	45,40	47,60	56,60	59,10

2402G

TITAN



Orig. Titan - Art. 32

With semicircular milling. With tang and chip breaker.

Overall length	inch	10	10	12	12	14	14	
Cut		B	1/2 D	B	1/2 D	B	1/2 D	
	2402G	Each	40,10	42,20	47,70	51,30	58,50	61,20

MILLED HALF-ROUND FILES

2404G

TITAN



Orig. Titan - Art. 46

With oblique milling. With tang and chip breaker.

Overall length	inch	10	10	12	12	
Cut		B	1/2 D	B	1/2 D	
	2404G	Each	35,30	39,10	43,90	46,40

MILLED FLAT FILES

2412G

TITAN



Orig. Titan - Art. 12

With semicircular milling. Without tang, to be used with files holder Art. 2414. With chip breaker.

Overall length	inch	10*	10	12	12*	14	14	
Cut		B	1/2 D	B	1/2 D	B	1/2 D	
	2412G	Each	33,50	35,80	35,60	37,70	38,30	41,80

* Sizes running out of stock.

MILLED FILES FOR BODY SHOPS

2419G

TITAN



Orig. Titan - Art. 11 F

To be hooked on files holder Art. 2421 G. Flexible type for straight, convex or concave working. Without chip breaker. Length 12 inches (300mm).

Cut		B	1/2 D	
Wheelbase teeth	mm	2,8	2,3	
	2419G	Each	37,50	39,10

2420G

TITAN



To be hooked on files holder Art. 2422 G. Flexible type for straight, convex or concave working. Without chip breaker. Length 14 inches (350mm).

Cut		B	1/2 D	
Wheelbase teeth	mm	2,8	2,3	
	2420G	Each	42,30	46,40

HOLDER FOR BODY SHOP FILES

2421G

TITAN



Orig. Titan - Art. 91

Suitable for flexible milled files Art. 2419 G. Adjustable holder for straight, convex or concave milling. Without file.

Overall length	mm	300	
	2421G	Each	35,50

Product running out of stock.

2422G

TITAN



Suitable for flexible milled files Art. 2420 G.

Adjustable holder for straight, convex or concave milling. Without file.

Overall length	mm	350	
	2422G	Each	36,80

BUNDLE FILES

2430

SCU



Prod. SCU

Flat type. First quality. Bastard file.

Deburring files	No.	1	2	3	
Overall length	mm	350	300	250	
	2430	Each	14,60	18,90	21,80



Half-round type. First quality. Bastard file.

Deburring files	No.	1	2	3
Overall length	mm	350	300	250
2432	Each	21,80	29,10	32,10

SCU



2432

FILES FOR SOFT METALS

Orig. Hasen Feilen - Art. 1612 W

Flat blunt bastard file.

Overall length	inch	10	12
2434G	Each	11,30	17,40



2434G

Orig. Hasen Feilen - Art. 1652 W

Half-round bastard file.

Overall length	inch	10	12
2435G	Each	17,40	23,30



2435G

THREAD DRESSING FILES

Orig. Hasen-Feilen

Suitable for dressing internal and external threads.

Suitable for Whitworth threads. Threads 24 - 20 - 18 - 16 - 14 - 12 - 11- 10 per inch.

2436GA	Each	51,60
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Product description as Art. 2436GA

Suitable for metric screw threads. Pitches 0,8 - 1 - 1,25 - 1,5 - 1,75 - 2 - 2,5 - 3mm.

2436GB	Each	51,60
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Orig. Hasen Feilen

Product description as Art. 2436GA

Suitable for UNF - UNC threads. Threads 24 - 20 - 18 - 16 - 14 - 13 - 12 - 11 per inch.

2436GF	Each	51,60
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Product description as Art. 2436GA

Suitable for gas threads. For diameters 1/8 - 1/4 - 3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1.

2436GL	Each	51,60
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2436GA

2436GB

2436GF

2436GL

FILES FOR PLASTIC MATERIALS

Prod. SCU

Special files with bored cutting edges for chip removal, suitable for filing and milling plastic materials, synthetic resins, synthetic wood, wood coated with plastic, resin-bonded and pressed, soft metals, leather, synthetic rubber; specifically suitable for Formica and laminated plastics.

Bastard file.

To be used with file holder Art. 2440 GB.

Flat files with smooth edges. With 1 chip breaker.

Overall length	mm	260	400
2438GC	Each	13,90	18,60

SCU



2438GC

Special files with bored cutting edges for chip removal, suitable for filing and milling plastic materials, synthetic resins, synthetic wood, wood coated with plastic, resin-bonded and pressed, soft metals, leather, synthetic rubber; specifically suitable for Formica and laminated plastics.

Bastard file.

To be used with file holder Art. 2440 G A-B.

Flat files with toothed edges. With 2 chip breakers.

Overall length	mm	260	400
2438GD	Each	15,10	19,40

SCU



2438GD

FILE HOLDER WITH HANDLE

Prod. SCU

Suitable for files Art. 2438 G

With straight handle, without file.

For file length	mm	260	400
2440GB	Each	56,80	64,60

SCU



2440GB



CURVED WOOD RASPS

2441

SCU



Prod. SCU

Suitable for wood.
Length 200mm. Smooth cut.

Profiles		A	B	C	D	E	F	G
2441	Each	22,50	22,50	22,50	22,50	22,50	22,50	22,50
Profiles		H						
2441	Each	22,50						

2441P

SCU



Prod. SCU

Set of 8 curved rasps in plastic package.

2441P	Series	140,00
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CURVED WOOD RASPS IN SETS

2441S



Orig. Hasen Feilen - Art. 1512 SBH

With drilled plastic handgrip to be hooked on display panel. In package.
Flat. First quality.

Overall length	inch	8	8	10	10
Cut		B	1/2 D	B	1/2 D
2441S	Each	11,10	11,60	14,10	14,60

2441T



Orig. Hasen Feilen - Art. 1552 SBH

Product description as Art. 2441S
Half-round. First quality.

Overall length	inch	8	8	10	10	12	12
Cut		B	1/2 D	B	1/2 D	B	1/2 D
2441T	Each	13,10	14,10	15,50	17,50	20,10	21,80

2441V



Orig. Hasen Feilen - Art. 1562 SBH

Product description as Art. 2441S
Round. First quality. Second-cut type.

Overall length	inch	8	10
2441V	Each	11,20	12,60

WOOD RASPS

2442

SCU



Prod. SCU

Half-round. First quality.

Overall length	inch	8	8	10	10	12	12
Cut		B	1/2 D	B	1/2 D	B	1/2 D
2442	Each	7,46	8,04	9,90	10,50	12,30	13,10

2442E



Orig. Hasen Feilen - Art. 1512

Flat. First quality.

Overall length	inch	8	8	10	10
Cut		B	1/2 D	B	1/2 D
2442E	Each	9,78	10,20	12,70	13,60

2442G



Orig. Hasen Feilen - Art. 1552

Half-round. First quality.

Overall length	inch	8	8	10	10	12	12
Cut		B	1/2 D	B	1/2 D	B	1/2 D
2442G	Each	8,70	9,38	11,60	12,10	14,50	15,10



Prod. SCU

Half-round. Cabinet shape. First quality. Second-cut.

Overall length	inch	8	10	12
2444	Each	7,90	10,30	12,80

SCU



2444

Orig. Hasen Feilen - Art. 1558

Product description as Art. 2444

Overall length	inch	8	10	12
2444G	Each	10,60	13,10	16,40



2444G

Orig. Hasen Feilen - Art. 1562

Round. First quality. Second-cut.

Overall length	inch	8	10
2445G	Each	4,94	6,96



2445G

KEY HOLE RASPS

Prod. SCU

Combined. Round and flat. Quality first. Second cutting.

Overall length	mm	210
2446	Each	11,40

SCU



2446

HANDLES FOR FILES AND RASPS

Prod. SCU

In hard wood, with brass-coated ring nut.

Overall length	mm	80	100	120	140	160
2448	Each	0,62	0,72	0,80	1,00	1,36

SCU



2448

ACCESSORIES FOR FILES

Orig. Hasen Feilen - Art. 85PH

Handles for needle files of all sizes.

Length	mm	80
2448G	Each	3,90



2448G

Orig. Hasen Feilen - Art. 80KH-90KH-110KH-130KH

Handles for files and rasps. In unbreakable plastic. With hole to be hung up.

For files and rasps	inch	3	4-6	8-10	12
Length	mm	90	90	110	120
2449G	Each	1,72	1,86	2,06	3,16



2449G

Art. 2449 G 3 is suitable for chain saw files Art. 2394 GA – B.

Orig. Hasen Feilen - Art. FB 10040

Professional cleaning brushes for files.

Size without handle: 110x40x20 mm.

2451G	Each	9,72
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2451G

HACK SAWS

Prod. SCU

For saws with length 12 inches.

Fixed type. Cross head. Painted finish.

Polished wood handgrip.

2599	Each	8,82
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For hand saws see Art. 9563 G to 9565 GT.

SCU



2599

Product description as Art. 2599

Fixed strengthened type. Cross head. Painted finish.

Polished wood handgrip. Heavy-duty type.

2600	Each	9,26
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For hand saws see Art. 9563 G to 9565 GT.

SCU



2600



2602

SCU



Product description as Art. 2599

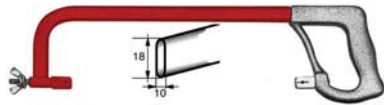
Patented type. Handy and heavy duty. With adjustable blade-tightening on the handgrip made of synthetic material. Painted finish. Made of drawn steel.

2602 Each 12,10

For hand saws see Art. 9563 G to 9565 GT.

2612

SCU



For saws with length 8 - 12 inches.

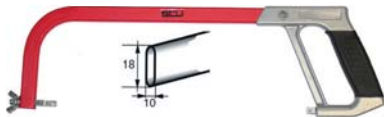
Adjustable type in flat tube. Cross head. Metallic handgrip. Lacquered finish.

2612 Each 10,60

For hand saws see Art. 9563 G to 9565 GT.

2612E

SCU



Product description as Art. 2612

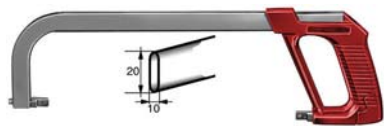
Professional and adjustable type in flat tube. Handgrip made of soft synthetic material for comfortable and anti-slip hold. Cross head. Lacquered finish.

2612E Each 10,20

For hand saws see Art. 9563 G to 9565 GF.

2613

SCU



For saws with length 12 inches.

Professional fixed type in stout flat tube. Anatomic handgrip made of aluminium alloy. With adjustable blade-tightening through rotation of handgrip lower side. The blade may be set in 8 cutting positions. Lacquered finish.

2613 Each 13,80

For hand saws see Art. 9563 G to 9565 GT.

For similar type VDE see Art. 357 GS.

2613E

SCU



Product description as Art. 2613

Super-professional fixed type in stout flat rigid tube. Anatomic handgrips made of aluminium alloy. With adjustable blade-tightening through rotation of handgrip lower side. The blade may be set in 6 cutting positions. Lacquered finish.

2613E Each 14,10

For hand saws see Art. 9563 G to 9565 GT.

2613F

SCU



Product description as Art. 2613

Industrial, fixed, heavy-duty and ergonomic type, made of die-cast aluminium. Handle and hand rest coated with soft rubber for easier and more comfortable grip. Adjustable blade-tightening through rotation of the lower part of the handle. Rapid and precise cuts: 45°/90°.

2613F Each 21,10

For hand saws see Art. 9563 G to 9565 GF.

2613H

PEDDINGHAUS



Orig. Peddinghaus - Art. 6309

Product description as Art. 2613

Industrial type, fixed, particular sturdy, rigid (blade tension up to 190 Kg), ergonomic, made of special steel. Grip and hand rest in soft rubber for a better, more comfortable hold. Blade tension is adjusted by means of a knurled wheel, which sets the initial tension required. Quick lever locking/unlocking for subsequent blade replacement operations. Enables fast, precise cuts at 45°/90°. Supplied with 1 bi-metal blade with 24 teeth per inch.

2613H Each 44,60

For hand saws see Art. 9563 G to 9565 GF.

2613L

SCU



Prod. SCU

Product description as Art. 2613

Industrial, fixed, heavy-duty, rigid, ergonomic type, double die-cast aluminium. Handle and hand rest coated with soft rubber for easier and more comfortable grip. Adjustable blade-tightening through knurled wheel to obtain the desired tightening. Rapid lever release/locking mechanism in the handle for later replacements of the blade. Rapid and precise cuts: 45°/90°.

2613L Each 53,10

For hand saws see Art. 9563 G to 9565 GF.



Orig. Carolus - Art. 9150.00/R93350051

Product description as Art. 2613

Professional type, with fixed bow in sturdy flat pipe, rigid, REVERSIBLE, for cuts even in hard-to-access areas. Grip in soft rubber for a better, more comfortable hold. Blade tension adjusted by turning the lower part of the handle. Enables fast, precise cuts at 0°/90°. Supplied with bi-metal blade with 24 teeth per inch.



2613T



2613T Each **36,90**

For hand saws see Art. 9563 G to 9565 GF.

HOLDERS FOR SAWS

Prod. SCU

For saws with length 12 inches.

Suitable for cutting in awkward and confined spaces.

Includes clamping screws for the blades.

Made of sturdy synthetic material.

Without blade.



2615
new



2615 Each **4,68**

For hand saws see Art. 9563 G to 9565 GF.

Product description as Art. 2615

In rigid, reinforced synthetic material with ergonomic handle made of two-component material.

Supplied with 1 bimetallic 18-tooth-per-inch blade.



2615A

2615A Each **10,50**

For hand saws see Art. 9563 G to 9565 GT.



Orig. Peddinghaus - Art. 6314

Product description as Art. 2615

In light alloy with ergonomic handle made of two-component material.

Supplied with 1 bimetallic 24-tooth-per-inch blade.



2615G

2615G Each **16,50**

For hand saws see Art. 9563 G to 9565 GF.



HACK SAWS FOR METAL AND WOOD

Prod. SCU

Sawing length of 8 inches.

Professional model, fixed inside rugged flat driver tube. Handle made from sturdy plastic.

Blade tension can be adjusted with knurled wheel.

Comes complete with metal blade.

Overall length mm 310

Blade length mm 200

2630G Each **9,22**



2630G



Professional replacement blades as for Art. 2630 G. For universal usage on iron, steel, plastics, etc. Inner length of the holes 200mm.

25 teeth per inch.

2631GA Per dozen **7,78**



2631GA



UNIVERSALE

Professional replacement blades as for Art. 2630 G. For use on iron, high-strength steels, stainless steels, non-ferrous metals. Inner length of the holes 200mm.

32 teeth per inch.

2631GB Per dozen **7,78**



2631GB



ACCIAIO

Professional replacement blades as for Art. 2630 G. For use on soft and hard wood, chipboard, fibre, cardboard, soft plastics, etc. Inner length of the holes 200mm.

14 teeth per inch.

2631GC Per dozen **6,42**



2631GC



LEGNO



2642

SCU



Suitable for precision mechanics. In chromium plated steel rod. Fixed handgrip.
With blade for metals.

Overall length	mm	250
Blade length	mm	150
2642	Each	1,18

2643G

SCU



UNIVERSALE

Professional spare blades for Art. 2642 - 2644 G - 2647 G - 2647 GE - 2649. Universal use, on iron, steel, plastic, etc. Inner length of the holes 150mm. 25 teeth per inch.

2643G	Per dozen	7,56
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2643GA

SCU



ACCIAIO

Professional spare blades for Art. 2642 - 2644 G - 2647 G - 2647 GE - 2649. For use on high resistance steels, stainless steel, non-ferrous metals. Inner length of the holes 150mm. 32 teeth per inch.

2643GA	Per dozen	7,56
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2643GB

SCU



LEGNO

Professional spare blades for Art. 2642 - 2644 G - 2647 G - 2647 GE - 2649. Use with soft and hard wood, hard-board, wooden fiber, paperboard, soft plastic etc. Inner length of the holes 150mm. 14 teeth per inch.

2643GB	Per dozen	6,22
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2644G

SCU



Suitable for precision mechanics. In drawn steel rod, Fixed wooden handgrip. Mat chrome-plated finish.

With blade for metals.

Overall length	mm	290
Blade length	mm	150
2644G	Each	7,00

2647G

SCU



Professional type, suitable for precision mechanics. In epoxy painted steel rod. Fixed pistol grip. With blade for metals.

Overall length	mm	230
Blade length	mm	150
2647G	Each	4,14

For similar VDE type see Art. 357 GTE.

2647GE

SCU



Professional type, suitable for precision mechanics. In epoxy painted steel rod. Additional handle made of synthetic material, for a safe and solid grip.

With blade for metals.

Overall length	mm	230
Blade length	mm	150
2647GE	Each	6,42

2649

SCU



Professional type, suitable for precision mechanics. In steel, with anatomic handle to reduce shearing stress. 6-position adjustable blade. Lacquered finish.

Without blade.

Overall length	mm	260
Blade length	mm	150
2649	Each	7,46

For similar VDE type see Art. 357 GT.

FRET SAW FRAMES

2650G

SCU



Prod. SCU

Extra quality. In chromium plated bright steel. Diameter 13mm. Suitable for fret saws Art. 9538G to 9549G.

Overall length	mm	300
2650G	Each	6,14



Online forms to request

- ▶ Copies of the printed catalogue
- ▶ Sign up to Sicutool's newsletter
- ▶ Username and password to order online (distributors)
- ▶ Declarations of conformity
- ▶ Technical assistance
- ▶ Return management

REQUESTS

Here are **THE SICUTOOLS** that allow distributors and end users to send us different types of requests.

All forms are available on www.sicutool.it/moduli

NEW!

NEW ITEMS GROUP 9

PEDDINGHAUS



2731G

Claw hammers, forged steel
▶ P. 676



2736D

Carpenter hammers, forged steel,
wooden handle
▶ P. 677



2736FA

Carpenter hammers, forged steel,
synthetic handle
▶ P. 677



2788E

Mallets with interchangeable heads,
ash handle
▶ P. 685



2788L

Mallets with interchangeable heads,
iron handle, rubber grip
▶ P. 686



2788P

Mallets, type with head and body
in metal, in black rubber
▶ P. 686



2788T

Mallets, type with head and body
in metal, in white rubber
▶ P. 686



2789GPT

Anti-bounce mallets,
type with metal head and body
▶ P. 687

PEDDINGHAUS



2792

Mallets in buffalo leather
▶ P. 689

GEDORE



2795G

Mallets in aluminum alloy
▶ P. 689

GEDORE



2807GA

Set of assembly levers, in special steel
▶ P. 691



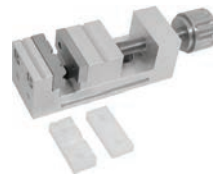
2832GT

Quick clamping elements,
horizontal type
▶ P. 710



2832GV

Quick clamping elements,
push type
▶ P. 711



2844G

Precision vices, type MINI
▶ P. 713



3078GZ 2

Set of hole saws
▶ P. 749













3078GZ 5

Set of hole saws
▶ P. 749

HAMMERS - PLUGS, SPRINGS PERCUSSION TOOLS - CLAMPING ELEMENTS

All items are in sequence. It's very easy to find them!

<p>Hammers Axes Blacksmith hammers Mallets</p>		<p>From 2660 To 2795G</p>
<p>Panel beating tools Tools for sheets</p>		<p>From 2803T To 2810G</p>
<p>Elastic pins Dise spring Spring plungers with thread Fixing plugs Magnets Fixing elements</p>		<p>From 2810Z To 2834GM</p>
<p>Hand and bench clamping vices Vices for workshop and for hydraulics Pipe stands Machine vices Anvils</p>		<p>From 2835GB To 2885G</p>
<p>Scrapers for metals Chisels Punches Pin punches Tile cutters</p>		<p>From 2909G To 2963G</p>
<p>Nail pullers Marking tools Crow bars</p>		<p>From 2992 To 3014G</p>
<p>Spades Shovels Pickaxe Billhooks</p>		<p>From 3018 To 3021G</p>
<p>Acid pens Steel marking punches Punches handles Zinc modules</p>		<p>From 3027A To 3043</p>
<p>Disk cutters Electric taps Multipurpose electric drills Magnetic drills Saws and hole saws</p>		<p>From 3074 To 3080GZ 8</p>
<p>Punching tools</p>		<p>From 3081 To 3090GR</p>



GOLDSMITH'S HAMMERS

2660

SCU



Prod. SCU

In forged and hardened steel.
Polished execution. Enamelled wooden handle.

Overall length	mm	80	90	100
Overall weight	grams	80	100	120
2660	Each	20,70	26,30	26,30

When stocks last, burnished execution will be provided instead of glossy.

UPHOLSTERER'S HAMMERS

2662

SCU



Prod. SCU

In forged and hardened steel.
Hardwood handle with metal reinforcements. Hammer weight: 300g.

Head Ø	mm	8	11
2662	Each	37,50	37,50

SADDLER'S HAMMERS

2664

SCU



Prod. SCU

Product description as Art. 2662

2664	Each	37,50
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GLAZIER'S HAMMERS

2666

SCU



Prod. SCU

In forged and hardened steel.
Hardwood handle. Hammer weight: 120g.

2666	Each	12,00
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HAMMERS FOR ELECTRIC WELDERS

2670A

SCU



Prod. SCU

In forged steel. Fine execution.
Horizontal peen and wooden handle.

2670A	Each	6,42
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2670B

SCU



Product description as Art. 2670A

Horizontal peen and steel handle.

2670B	Each	6,20
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2670C

SCU



Product description as Art. 2670A

Vertical peen and wooden handle.

2670C	Each	6,18
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Orig. Peddinghaus - Art. 5095.02

In forged steel, progressive hardening. Extra-fine execution.
Horizontal peen and wooden handle.

2670GA	Each	28,60
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2670GA



Orig. Peddinghaus - Art. 5096.02

Product description as Art. 2670GA
Vertical peen and wooden handle.

2670GB	Each	22,50
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2670GB



Orig. Peddinghaus - Art. 5094.05

Product description as Art. 2670GA
Combination model. Steel tubing handle. Vertical pen.

2670GC	Each	20,80
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2670GC



LOCKSMITH'S HAMMERS, FRENCH PATTERN

Prod. SCU

In forged and hardened steel.
Hardwood handle.
Standard execution.

Overall weight	grams	200	300	400	500	600	800	1000	1500
2700	Each	4,92	6,26	7,16	7,60	8,72	9,16	11,90	15,10



2700



Orig. Peddinghaus - Art. 5029.02

Top quality. In forged steel. Strongly hardened striking surface.
Perfectly balanced. Polished wooden handle. The handle is indissolubly connected to the hammer body. Unbreakable and undeformable.

Overall weight	grams	200	300	400	500	600	800	1000	1500	2000
2701G	Each	17,40	20,30	22,60	23,90	28,60	32,30	38,10	50,60	65,40

Size grams 200 running out of stock



2701G



LOCKSMITH'S HAMMERS, GERMAN PATTERN

Prod. SCU

DIN 1041
Forged and hardened steel.
Hardwood handle.
Standard quality.

Overall weight	grams	100	200	300	400	500	600	800
2702	Each	3,16	3,94	5,02	5,82	6,72	7,60	9,16

Overall weight	grams	1000	1500
2702	Each	10,50	14,10



2702



DIN 1041

Forged and hardened steel.
Anatomic hardwood handle.
First quality.

Overall weight	grams	100	200	300	400	500	600	800
2702F	Each	6,36	6,82	7,90	9,00	9,86	11,50	14,10

Overall weight	grams	1000	1500	2000
2702F	Each	16,10	19,50	23,50

Spare handles for Art. 2702 F.

For hammers weight	grams	100	200	300	400	500	600	800
O2702L	Each	2,66	2,84	2,90	3,06	3,20	3,30	3,52

For hammers weight	grams	1000	1500	2000
O2702L	Each	3,70	3,98	4,46



2702F





2702G **GEDORE**
2702GR
2702GT



Orig. Gedore-DIN 1041 - Art. 4 E

In forged steel. Differentiated hardening treatment. Milled striking surface, strongly hardened. Perfectly balanced. Ash wood handle, anatomic-shaped. The handle is indissolubly connected with the hammer body.

Overall weight	grams	100	200	300	400	500	600	800
Handles length	mm	260	280	300	310	320	330	350
2702G	Each	17,20	17,20	19,30	20,90	22,30	26,50	30,50

Overall weight	grams	1000	1500	2000
Handles length	mm	360	380	400
2702GR	Each	35,60	46,70	60,10

Spare handles for Art. 2702 G.

For hammers weight	grams	100	200	300	400	500	600	800
Handles length	mm	260	280	300	310	320	330	350
2702GR	Each	3,50	3,50	4,56	4,66	4,88	6,18	6,74

For hammers weight	grams	1000	1500	2000
Handles length	mm	360	380	400
2702GR	Each	6,96	7,48	7,98

Spare handle wedges for Art. 2702 G.

For hammers weight	grams	100	200	300	400	500	600	800
2702GT	Each	1,60	1,60	1,78	1,88	1,98	2,08	2,20

For hammers weight	grams	1000	1500	2000
2702GT	Each	2,20	2,40	2,48

2703G **PEDDINGHAUS**
2703GR
2703GT



Orig. Peddinghaus-DIN 1041 - Art. 5039.02

In forged steel. Differentiated hardening treatment. Milled striking surface, strongly hardened. Perfectly balanced. Ash wood handle, anatomi-shaped. The handle is indissolubly connected with the hammer body.

Overall weight	grams	50	100	200	300	400	500	600
Handles length	mm	250	260	280	300	310	320	330
2703G	Each	16,20	15,90	15,90	17,20	19,10	20,10	24,10

Overall weight	grams	800	1000	1500	2000
Handles length	mm	350	360	380	400
2703G	Each	27,10	31,90	42,70	54,70

Spare handles for Art. 2703 G.

For hammers weight	grams	50	100	200	300	400	500	600
Handles length	mm	250	260	280	300	320	320	330
2703GR	Each	3,56	3,44	3,44	4,16	4,26	4,26	4,74

For hammers weight	grams	800	1000	1500	2000
Handles length	mm	350	360	380	400
2703GR	Each	4,74	4,90	5,46	5,78

Spare wedges for Art. 2703 G.

For hammers weight	grams	50	100	200	300	400	500	600
2703GT	Each	0,56	0,56	0,56	0,74	0,74	0,74	0,74

For hammers weight	grams	800	1000	1500	2000
2703GT	Each	0,74	0,74	0,98	0,98

LOCKSMITH'S HAMMERS, "INDU" MODEL

2704GA **GEDORE**



Orig. Gedore-DIN 1041 - Art. 4 IH

Antichipping. In forged steel. Differentiated hardening of striking surface with working surface electric-induction treatment. di lavoro. Two areas having different hardness:
- hard core (HRC 52-58)
- soft external surface (HRC 42-48).
This allows max. protection against chipping. Hickory handle, anatomic-shaped.

Overall weight	grams	500	1500
2704GA	Each	27,40	53,60

Product running out of stock.

LOCKSMITH'S HAMMERS, GERMAN PATTERN "ROT BAND-PLUS"

2705GA **GEDORE**



Orig. Gedore-DIN 1041 - Art. 600 H

Patented model. In special forged steel. Differentiated hardening treatment. Strongly hardened striking surface. Hickory handle, anatomic-shaped. The tapered collar in hardened steel, fixing plate and screw bond the hammer head and the handle into one unit to provide safest working conditions.

Type with standard differentiated tempered head.

Overall weight	grams	200	300	400	500	600	800	1000
2705GA	Each	25,10	26,20	28,50	30,90	36,00	40,60	47,60

Overall weight	grams	1500	2000
2705GA	Each	59,90	76,20



Orig. Gedore-DIN 1041 - Art. 600 IH

Product description as Art. 2705GA

Differentiated hardening of hammer head with electroinductive treatment of striking surface. Max. protection against chipping (INDU).

Overall weight	grams	200	300	400	500	600	800	1000	
2705GB	Each	27,70	30,10	33,30	35,60	40,50	47,30	56,30	
Overall weight	grams	1500	2000						
2705GB	Each	71,10	84,40						



Spare handles for Art. 2705 GA and 2705 GB.

For hammers weight	grams	200	300	400	500	600	800	1000	
2705GE	Each	9,66	11,80	12,10	12,80	14,70	15,70	18,40	
For hammers weight	grams	1500	2000						
2705GE	Each	20,50	23,10						



LOCKSMITH'S HAMMERS, GERMAN PATTERN, WITH COLLAR

Orig. Peddinghaus-DIN 1041 - Art. 5039.93

In forged steel. Strongly hardened striking surface. Perfectly balanced. Anatomic handle. Reinforced metal collar to bond the hammer head and the handle into one unit to provide safest working conditions.

Type with standard differentially hardened head and Hickory wood handle.

Overall weight	grams	200	300	500	800	1000	1500	2000
2705GL	Each	20,10	22,10	26,10	33,80	39,10	49,80	63,60



Orig. Peddinghaus-DIN 1041 - Art. 5042.93

Product description as Art. 2705GL. Differentiated hardening of hammer head with electroinductive treatment of striking surface. Max. protection against chipping (INDU). Hickory handle.

Overall weight	grams	200	800
2705GM	Each	22,20	36,80

Product running out of stock.



LOCKSMITH'S HAMMERS WITH ULTRAMID-HANDLE, GERMAN PATTERN

Orig. Peddinghaus-DIN 1041 - Art. 5039.04

In forged steel. Differentiated hardening treatment. Hardened striking surface. Matt handle, anatomic-shaped for a higher grip. Small holes on this surface avoid slipping even in oily and greasy conditions. Ultramid-handle, unbreakable, tested and guaranteed against breakage, even if submitted to extreme loads. Insensitive to temperature variation. It does not alter even in presence of oils or petrol. Electrically insulated.

Overall weight	grams	200	300	500	800	1000
2705GR	Each	18,80	20,90	24,80	32,80	38,50

Only handles for wedges for Art. 2705 GR.

For hammers weight	grams	200	300	500	800	1000
2705GS	Each	8,32	9,30	11,30	15,10	17,20



LOCKSMITH'S HAMMERS WITH STEEL HANDLE, GERMAN PATTERN

Orig. Gedore - Art. 500 ST

In forged steel. Hardened striking surface with differentiated hardening treatment. Handle in steel tubing with anatomic grip in soft synthetic material.

Overall weight	grams	300	500
2705GT	Each	27,40	27,50





LOCKSMITH'S HAMMERS, GERMAN PATTERN, WITH FIBRE SHAFT

2705GTE **SCU**

Prod. SCU-DIN 1041

In forged and hardened steel. Tightly fixed, unbreakable handle with fiberglass core covered with synthetic anti-slip material.

Overall weight	grams	200	300	400	500	800	1000
2705GTE	Each	5,36	6,48	7,16	8,50	11,10	12,60

2705GTL **GEDORE**

Orig. Gedore - Art. 500 F

In forged steel. Differential hardening. Swinging parts have been strongly hardened. Irremovable handle made from shatterproof glass fibre, covered in synthetic non-slip material. Special head sealing system which protects against possible cuts in the handle fibres thanks to its hardened steel collar.

Overall weight	grams	200	300	400	500	600	800	1000
2705GTL	Each	43,80	46,10	50,50	53,60	56,90	66,40	74,30

Overall weight	grams	1500	2000
2705GTL	Each	86,40	112,00

LOCKSMITH'S HAMMERS WITH ULTRATEC-HANDLE, GERMAN PATTERN

2705GVA **PEDDINGHAUS**

Orig. Peddinghaus-DIN 1041 - Art. 5039.98

In forged steel. Differentiated hardening treatment. Strongly hardened striking surface. Tightly fixed, unbreakable handle with fiberglass core covered with special soft synthetic material (ULTRATEC), anatomic-shaped.

Standard with differentiated tempered head.

Overall weight	grams	200	300	500	600	800	1000	1500	2000
2705GVA	Each	23,50	26,10	30,70	32,60	40,90	48,30	61,90	79,80

2705GVB **PEDDINGHAUS**

Orig. Peddinghaus-DIN 1041 - Art. 5042.98

Product description as Art. 2705GVA

Differentiated hardening of hammer head with electroinductive treatment of striking surface. Max. protection against chipping (INDU).

Overall weight	grams	200	300	500	800	1000	1500	2000
2705GVB	Each	27,40	30,10	36,60	41,20	57,50	74,30	95,50

HAMMERS, GERMAN PATTERN, WITH TRICOMPONENTS HANDLE

2705GVE **SCU**

Prod. SCU-DIN 1041

In forged and hardened steel. Tightly fixed, unbreakable 3-component handle with fiberglass core covered with special synthetic material and soft rubber. It ensures max. sturdiness, resistance, lightness and elasticity. High vibration absorption capacity. Oil-proof. Lubricant and acid resistant. With hung-up hole.

Overall weight	grams	200	300	500	800	1000	1500	2000
2705GVE	Each	9,16	10,10	14,10	17,10	20,10	27,50	37,70

The measurement 2000g is Orig. Cados-Peddinghaus.

SOFT FACE CAPS

2705GZ **PEDDINGHAUS**

Orig. Peddinghaus - Art. 5038.01

For hammers for mechanics from Art. 2702 G to Art. 2705 GVB.

They do not dent and are unbreakable.

For hammers weight	grams	300	500	800	1000
2705GZ	Each	7,58	11,90	14,20	18,40

ENGINEERS' HAMMERS

2706 **SCU**

Prod. SCU

In forged, hardened steel. Hardwood handle.

Overall weight	grams	200	300	400	500	600	800	1000
2706	Each	8,68	9,40	10,70	11,10	12,20	14,50	16,80



Orig. Peddinghaus - Art. 5081.03

In forged steel. Extra quality. Hardened and tempered striking surfaces.
Unbendable and unbreakable. Hickory handle, anatomically shaped.
With 1 ball striking face.

Overall weight	grams	225	340	450	500	675	900
Overall weight	lb	1/2	3/4	1	1.1/8	1.1/2	2
2707G	Each	24,50	25,80	27,80	28,30	34,10	36,40



2707G



COPPER MALLETS

Prod. SCU

In copper. Hardwood handle, anatomic-shaped.

Overall weight	grams	200	300	400	500	600	800	1000
2716	Each	10,40	15,60	20,80	26,00	31,20	41,60	52,10

Overall weight	grams	1500	2000
2716	Each	78,10	104,00



2716



In copper. Pinned head on hardwood handle, anatomic-shaped.

Overall weight	grams	200	300	400	500	600	800	1000
2717	Each	11,90	17,80	23,60	29,70	35,90	47,60	59,40

Overall weight	grams	1500	2000
2717	Each	88,40	119,00



2717



In copper. Steel handle with accident-prevention fastening system.

Overall weight	grams	300	500	800	1000	1500	2000	5000
2718	Each	19,20	27,10	38,80	43,30	65,10	79,10	199,00



2718



COPPER MALLETS "ROT BAND-PLUS"

Orig. Gedore - Art. 622 H

In copper, with Hickory handle, anatomic-shaped.
The tapered collar in hardened steel, fixing plate and screw bond the hammer head and the handle into one unit to provide safest working conditions.

Overall weight	grams	750	1000	1500	2000
2719G	Each	113,00	149,00	201,00	256,00



2719G



CLAW HAMMERS

Prod. SCU

In forged and hardened steel. Hardwood handle.
Metal reinforcements. Standard quality.

Overall weight	grams	200	300	400	500
2720	Each	9,40	10,20	10,70	11,60

Size grams 500 running out of stock



2720



Orig. Peddinghaus - Art. 5118.33

Top quality. In forged steel. Striking surface strongly hardened.
Perfectly balanced. Hickory handle.
The handle is indissolubly connected to the hammer body.

Overall weight	grams	450	560
Head Ø	mm	25	27
2728G	Each	32,30	34,30



2728G



Orig. Cados-Peddinghaus - Art. 0211350016/20

In forged steel. Hardened striking surface.
Steel tubing handle, grip in soft synthetic material, anatomic-shaped.
Finely-polished head.

Overall weight	grams	450	560
Head Ø	mm	25	27
2730G	Each	26,40	26,90



2730G



**2731G** **PEDDINGHAUS**
new**Orig. Peddinghaus - Art. 5118.38**

Extra quality. In forged steel. Strongly hardened striking surface.
Perfectly balanced. Sturdy and unbreakable fiberglass handle with anatomic handle in soft synthetic material.

Overall weight	grams	450	560
Head Ø	mm	25	27
2731G	Each	40,80	44,10

MASON'S HAMMERS**2732A****Prod. SCU**

In forged steel. Hardened striking surface.
Hardwood handle.
Square striking face and horizontal pen.

Overall weight	grams	400	500	600
2732A	Each	8,10	9,04	11,70

2732B

Product description as Art. 2732A

MALEPEGGIO

Combination peen model: 1 horizontal and 1 vertical.

Overall weight	grams	400	500	600
2732B	Each	8,10	9,04	11,70

2732E

Product description as Art. 2732A

CATANIA

Pointed striking face and horizontal pen.

Overall weight	grams	400	500
2732E	Each	8,10	9,04

2733G **PEDDINGHAUS****Orig. Peddinghaus - Art. 5235.05**

Model with square striking face and horizontal peen.
In forged steel. Hardened striking surface.
Steel tubing handle with anatomic grip in soft synthetic material. Weight: 600g.

2733G	Each	32,20
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BUSH HAMMERS**2735L****Prod. SCU**

In forged and hardened steel.
Additionally hardened striking surface.
Ash wood handle.

Overall weight	grams	1000
2735L	Each	30,50



CARPENTER'S HAMMERS

Prod. SCU

In forged steel. With nail slot.
Wooden handle.

Overall weight	grams	300	400	500	600
2736B	Each	8,50	9,62	10,30	13,50

Spare handles for Art. 2736 B.

For hammers weight	grams	300	400	500	600
O2736C	Each	2,92	2,92	2,92	2,92



2736B



In forged steel. With nail slot and magnet.
Wooden handle.

Overall weight	grams	300	400
2736D	Each	8,66	9,80

Spare handles for Art. 2736 D.

For hammers weight	grams	300	400
O2736D	Each	1,58	1,58



2736D
new



In forged steel. With nail slot.
Handle in synthetic material with fiberglass reinforcement.

Overall weight	grams	300	400	500
2736F	Each	11,70	12,80	14,10



2736F



In forged steel. With nail slot and magnet.
Handle in synthetic material with fiberglass reinforcement.

Overall weight	grams	300	400	500
2736FA	Each	12,80	14,10	15,10

Spare handles for Art. 2736 F and FA available on request.



2736FA
new

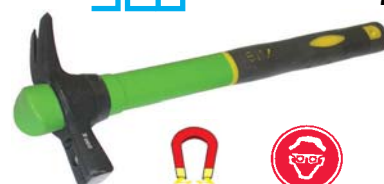


CARPENTER'S HAMMERS WITH THREE COMPONENTS HANDLES

Prod. SCU

In forged steel. With magnetic nail slot.
Tightly fixed, unbreakable 3-component handle with fiberglass core covered with special synthetic material and soft rubber. It ensures max. sturdiness, resistance, lightness and elasticity. High vibration absorption capacity. Oil-proof. Lubricant and acid resistant. With hung-up hole.

Overall weight	grams	300	400
2736FE	Each	17,50	17,60



2736FE



CARPENTER'S HAMMERS

Orig. Cados-Peddinghaus - Art. 0231250001

In forged steel. Hardened striking surface.
Steel tubing handle with anatomic grip in soft synthetic material.
Pinned head with nail slot, black lacquered. Weight: 600g.

2736GA	Each	16,40
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2736GA



Orig. Cados-Peddinghaus - Art. 023025001

In forged steel. Hardened striking surface.
Steel tubing handle with anatomic grip in soft synthetic material.
Pinned head with nail slot. Weight: 700g.

2736GB	Each	20,80
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2736GB



**2736GE** **Orig. Peddinghaus - Art. 5128.29**

In forged steel. Hardened striking surface.
Tightly fixed, unbreakable handle with fiberglass core covered with special soft synthetic material, anatomic-shaped.
Head with magnetic nail slot, black lacquered. Weight: 600g.

2736GE	Each	46,40
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2736GF **Orig. Peddinghaus - Art. 5130.09**

Super-professional type.
Completely made of forged steel. Hardened, milled and polished striking parts. Anatomic handle made of special soft rubber for a safe and comfortable grip.
Head with magnetic nail-holder, polished. Weight 900 g.

2736GF	Each	73,40
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PLASTERER'S HAMMERS**2739GA** **Orig. Gedore - Art. 93 ST**

In forged steel. Combined with axes Strongly hardened working parts.
Unbreakable, indeformable. With nail slot.
Steel tubing tightly fixed handle, chrome plated.
Grip in soft synthetic material.
Overall weight: approx. 600g.

2739GA	Each	32,30
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GEOLOGIST'S HAMMERS**2739GE** **Prod. SCU**

Pointed model.
In forged and hardened steel.
To take rocks or minerals samples.
Steel tubing grip coated with soft synthetic material.

Overall weight	grams	500
2739GE	Each	101,00

BELT HAMMER-HOLDERS**2739GT** **Prod. SCU**

Universal ring type in steel with strong reinforced polyester support, seams and sealing studs. For belt max height 40mm. Tool-holder ring width 70mm.

2739GT	Each	6,18
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HATCHETS

Prod. SCU

In special steel, hardened.
Hardwood handle. Sharpened edges.

Overall weight	grams	600	700	800
2740A	Each	13,50	14,80	16,10

SCU



2740A



In special steel, hardened.

Hardwood handle, long pattern. Sharpened edges.

Overall weight	grams	1500
Overall length	mm	800
2740E	Each	26,10

SCU



2740E



HATCHETS WITH THREE COMPONENTS HANDLES

Prod. SCU

In special steel, hardened. Tightly fixed, unbreakable 3-component handle with fiberglass core covered with special synthetic material and soft rubber. It ensures max. sturdiness, resistance, lightness and elasticity. High vibration absorption capacity. Oil-proof. Lubricant and acid resistant. With hung-up hole. Sharpened edges.

Overall weight	grams	600
Overall length	mm	345
2740ET	Each	16,90

SCU



2740ET



UNIVERSAL HATCHETS

Orig. Ochsenkopf-Dankre - DIN 5131 - Art. 232 E

Extra top quality. In C60 special steel, hardened.
Finely sharpened edges. With German safety approval.
Ash handle, anatomically shaped.

Overall weight	grams	600	800
2740GF	Each	24,70	27,40

GEDORE



2740GF



Orig. Ochsenkopf-Dankre - DIN 7294 - Art. 205 E

Product description as Art. 2740GF
Long ash handle, anatomically shaped.

Overall weight	grams	1250
Overall length	mm	700
2740GL	Each	39,20

GEDORE



2740GL



CARPENTER'S HATCHETS

Orig. Ochsenkopf - Art. 345

Top quality. In C45 forged steel, hardened. Sharpened cutting edge, with nail slot.
Hickory handle, anatomic-shaped.

Overall weight	grams	1100
Overall length	mm	400
2740GM	Each	130,00

OCHSENKOPF
BY GEDORE



2740GM



FIRE BRIGADE HATCHETS

Orig. Peddinghaus-DIN 14924 - Art. 5266.05

In forged steel with special hardening treatment for an intense but accident-free use. Slotted-
peen.

Tightly fixed steel tubing handle coated with soft synthetic material.

Overall weight	grams	1000
Overall length	mm	320
2740GP	Each	53,90

PEDDINGHAUS



2740GP



Leather sheath for Art. 2740 GP.

O2740GP	Each	35,90
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**2741G** **PEDDINGHAUS****Orig. Peddinghaus-DIN 14900 - Art. 5265.02**

In forged steel with special hardening treatment for an intensive but accident-free use. Slotted peen.

Natural ash wood handle with sheet steel reinforcements and safety pins.

Overall weight	grams	2350
Overall length	mm	900
2741G	Each	80,10

SPLITTING AXES**2745G** **PEDDINGHAUS****Orig. Peddinghaus-DIN 17200 - Art. 5191.02**

Top quality. In C45 forged steel, hardened. Sharpened cutting edge, ground striking surface.

Ash wood handle with wedges fastening system.

Overall weight	grams	3000
Overall length	mm	890
2745G	Each	41,50

WOOD SPLITTING WEDGES**2746G** **OCHSENKOPF****Orig. Ochsenkopf - Art. 40**

Top quality. In forged steel, hardened.

With guide tray.

Overall weight	grams	2000	3000
Dimensions	mm	260 x 50	270 x 54
2746G	Each	28,10	37,20

2747G **OCHSENKOPF****Orig. Ochsenkopf - Art. 42**

Top quality. In aluminium alloy, hardened.

Guide trays on one side and diagonally-arranged cavities on the other. Anti-corrosion, highly practical and safe.

Overall weight	grams	550	1050
Dimensions	mm	215 x 45	260 x 55
2747G	Each	35,30	49,80

DOUBLE FACE BLACKSMITH HAMMERS**2760** **Prod. SCU**

Double flat head model. In forged steel. Hardened striking surface.

Polished hardwood handle.

Weight mallet only	Kg	0,8	1	1,2	1,5	2
2760	Each	7,28	8,82	9,80	13,10	15,80

2761G **Orig. Gedore - DIN 6475 - Art. 20 E**

Double flat head model.

Top quality. In forged steel with differentiated hardening treatment. Strongly hardened striking surface.

Perfectly balanced. The handle is indissolubly connected to the hammer body.

Weight mallet only	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
2761G	Each	28,30	29,60	31,70	40,80

Spare handles for Art. 2761 G.

For mallets	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
O2761GA	Each	4,74	4,74	5,08	6,96

2762G **PEDDINGHAUS****Orig. Peddinghaus - DIN 6475 - Art. 5293.02**

Double flat head model.

Top quality. In forged steel with differentiated hardening treatment. Strongly hardened striking surface.

Perfectly balanced. The handle is indissolubly connected to the hammer body.

Weight mallet only	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
2762G	Each	24,80	25,80	27,70	35,90

Spare handles for Art. 2762 G.

For mallets	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
O2762GA	Each	4,58	4,58	5,06	5,96



DOUBLE FACE BLACKSMITH HAMMERS "ROTBAND"

Orig. Gedore - Art. 620 E

Double-flat head model.

In special forged steel with differentiated hardening treatment.

Strongly hardened striking surface. Ash wood handle.

The tapered collar in hardened steel, fixing plate and screw bond the hammer head and the handle into one unit to provide safest working conditions.

Weight mallet only	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
2765G	Each	32,70	34,10	36,20	46,50

GEDORE

2765G



DOUBLE FACE BLACKSMITH HAMMERS WITH STEEL HANDLE

Orig. Gedore - Art. 20 ST

Double flat head model.

In CHROME VANADIUM steel with differentiated hardening treatment.

Strongly hardened striking surface. Steel tubing handle with anatomic grip in soft synthetic material.

Weight mallet only	Kg	1	1,25
Handles length	mm	260	260
2765GE	Each	29,70	29,70

GEDORE

2765GE



DOUBLE FACE BLACKSMITH HAMMERS WITH FIBER GLASS HANDLE

Prod. SCU

Double flat head model.

In forged steel. Hardened striking surface.

Handle in synthetic material with glassfiber reinforcement.

Weight mallet only	Kg	0,8	1	1,25	1,5	2
Handles length	mm	260	260	280	280	300
2766	Each	11,90	13,50	15,20	17,50	20,20

SCU

2766



Orig. Gedore - DIN 6475 - Art. 20 F

Double flat head model.

Top quality. In forged steel with differentiated hardening treatment.

Strongly hardened striking surface. The handle is indissolubly connected to the hammer body.

Safety handle in unbreakable glass fiber.

Grip coated with soft synthetic material.

Weight mallet only	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
2766G	Each	67,30	68,50	72,30	82,70

GEDORE

2766G



DOUBLE FACE BLACKSMITH HAMMERS WITH ULTRATEC HANDLE

Orig. Peddinghaus - DIN 6475 - Art. 5293.98

Double flat head model.

Top quality. In forged steel with differentiated hardening treatment. Perfectly balanced.

The handle is indissolubly connected to the hammer body.

Tightly fixed, unbreakable handle with fiberglass core covered with special soft synthetic material (ULTRATEC).

Weight mallet only	Kg	1	1,25	1,5	2
Handles length	mm	260	260	260	260
2767GE	Each	37,60	38,10	42,10	53,00

PEDDINGHAUS

2767GE



HAMMERS WITH TRICOMPONENT HANDLE

Prod. SCU

Double flat head model.

In forged steel. Hardened striking surfaces. Tightly fixed, unbreakable 3-component handle with fiberglass core covered with special synthetic material and soft rubber. It ensures max. sturdiness, resistance, lightness and elasticity. High vibration absorption capacity. Oil-proof.

Lubricant and acid resistant. With hung-up hole.

Weight mallet only	Kg	0,8	1	1,25	1,5	2
Handles length	mm	280	280	280	265	265
2767H	Each	16,20	17,80	20,40	30,90	34,10

SCU

2767H



The measurements Kg 1.5 and 2 are Orig. Cados-Peddinghaus.

SLEDGE HAMMERS

Prod. SCU

In forged and hardened steel.

Standard finish.

Without handle.

Overall weight	Kg	3	4	5
2767L	Each	17,20	22,90	28,70

SCU

2767L





2767P **SCU**



Product description as Art. 2767L

With handle.

Overall weight	Kg	3	4	5
2767P	Each	24,70	30,50	36,20

Spare handles for Art. 2767 L and 2767 P.

For mallets	Kg	3	4	5
O2767P	Each	7,54	7,54	7,54

SLEDGE HAMMERS WITH HANDLE

2768GA **GEDORE**



Orig. Gedore - DIN 6475 - Art. 20 E

Top quality. In forged steel.

Differentiated hardening treatment. Strongly hardened striking surface.

Perfectly balanced. The handle is indissolubly connected to the sledge hammer body. Handle fastening through double backstop device. Ash wood handle.

Double flat head model.

Weight mallet only	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
2768GA	Each	66,30	78,20	93,90	116,00	159,00

2768GB **GEDORE**



Orig. Gedore - DIN 1042 - Art. 9 E

Product description as Art. 2768GA

German model.

Weight mallet only	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
2768GB	Each	64,50	76,60	91,60	114,00	155,00

Spare handles for Art. 2768 GA and 2768 GB.

For mallets	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
O2768G	Each	14,30	15,20	19,80	19,80	25,80

2768GE **PEDDINGHAUS**



Orig. Peddinghaus - DIN 6475 - Art. 5293.02

Top quality. In forged steel. Differentiated hardening treatment. Strongly hardened striking surface. Perfectly balanced. The handle is indissolubly connected to the sledge hammer body. Handle fastening through double backstop device. Ash wood handle.

Double flat head model.

Weight mallet only	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
2768GE	Each	57,30	67,70	80,50	102,00	161,00

2768GF **PEDDINGHAUS**



Orig. Peddinghaus - DIN 1042 - Art. 5027.02

Product description as Art. 2768GE

German model.

Weight mallet only	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
2768GF	Each	58,80	70,20	83,20	102,00	161,00

Spare handles for Art. 2768 GE / 2768 GF.

For mallets	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
OM2768G	Each	13,10	17,70	17,70	17,70	22,20

SLEDGE HAMMERS WITH GLASSFIBER HANDLE

2769GA **GEDORE**



Orig. Gedore - DIN 6475 - Art. 20 F

Top quality. In forged steel. Differentiated hardening treatment. Strongly hardened striking surface. Perfectly balanced. The handle is indissolubly connected to the hammer body.

Safety handle in unbreakable glass fiber.

Grip coated with soft synthetic material.

Double flat head model.

Weight mallet only	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
2769GA	Each	174,00	182,00	201,00	218,00	249,00

2769GB **GEDORE**



Orig. Gedore - DIN 1042 - Art. 9 F

Product description as Art. 2769GA

German model.

Weight mallet only	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
2769GB	Each	174,00	182,00	201,00	218,00	249,00

9



Orig. Peddinghaus - DIN 1042 - Art. 5027.08

Top quality. In forged steel with differentiated hardening treatment. Strongly hardened striking surface. Glassfiber handle, unbreakable and long-lasting. Grip covered with sturdy rubber. Microwave fixing with epoxy bonding agent assure safer fixing of head to handle.

German model.

Weight mallet only	Kg	4	6
Handles length	mm	810	810
2769GF	Each	171,00	203,00

Product running out of stock.



2769GF



Prod. SCU

Double flat head model. In forged steel. Hardened striking surfaces. Tightly fixed and unbreakable handle in fiberlass covered with synthetic anti-slip material.

Weight mallet only	Kg	3	4	5	6
Handles length	mm	910	910	910	910
2770	Each	33,30	48,10	43,60	48,80



2770



CARPENTER'S HATCHETS

Prod. SCU

Double flat head model. In forged steel. Hardened striking surfaces. Tightly fixed, unbreakable 3-component handle with fiberglass core covered with special synthetic material and soft rubber. It ensures max. sturdiness, resistance, lightness and elasticity. High vibration absorption capacity. Oil-proof. Lubricant and acid resistant. With hung-up hole.

Weight mallet only	Kg	3	4	5
Handles length	mm	900	900	900
2771	Each	46,90	55,10	65,80



2771



COPPER SLEDGE HAMMERS, WITH HANDLE

Prod. SCU

In copper. Knurled steel handle with accident prevention fastening system.

Weight mallet only	Kg	2,5	4	5	6
Handles length	mm	300	600	600	600
2781	Each	130,00	158,00	207,00	224,00

Copper hammers with steel handle: see Art. 2718.



2781



INTERCHANGEABLE HEAD MALLET

Prod. SCU - Orig. Wiha

Combination sledge hammers and interchangeable heads of different materials. Heads holder formed by two cast iron shells, hardened, screwed, with holding channels for heads and Hickory handle. Overall length: 290(30) / 325(40) / 360(50)mm. Cadmium-free, anti-chipping, unbreakable and abrasion-resistant heads.

A = Anthracite colour head, in hard polyurethane, hardness: 70 Shore. Heavy duty, employed in building yards, shipyards, wire mills, etc. (when the product will run out of stock, we'll provide a model with white head and the same characteristic).

B = Blue head in soft elastomer, hardness: 20 Shore. For delicate items, light alloy parts, woodworking, installations, etc.

G = Yellow head, in medium-hard polyurethane, hardness: 63 Shore. Universally employed, specifically for mechanical works, auto repair shops, sheet metal working, etc.

N = Black head, in medium soft caoutchouc, hardness: 45 Shore. Heavy duty such as repair works.

Head Ø	mm	30	40	50
Colour 1st head		A	A	A
Colour 2nd head		A	A	A
Weight	grams	299	602	1128
2782GAA	Each	33,80	46,10	73,10



2782GAA



Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		A	A	A
Colour 2nd head		B	B	B
Weight	grams	280	620	1080
2782GAB	Each	35,40	48,70	70,10



2782GAB



**2782GAG** SCU

Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		A	A	A
Colour 2nd head		G	G	G
Weight	grams	290	620	1100
2782GAG	Each	36,10	51,10	74,10

2782GAN SCU

Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		A	A	A
Colour 2nd head		N	N	N
Weight	grams	314	649	1099
2782GAN	Each	30,90	40,30	59,70

2782GBB SCU

Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		B	B	B
Colour 2nd head		B	B	B
Weight	grams	280	630	1050
2782GBB	Each	33,20	44,40	60,30

2782GBG SCU

Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		B	B	B
Colour 2nd head		G	G	G
Weight	grams	272	620	1077
2782GBG	Each	30,70	41,80	60,00

2782GBN SCU

Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		B	B	B
Colour 2nd head		N	N	N
Weight	grams	289	637	1077
2782GBN	Each	28,70	37,10	51,10

2782GGG SCU

Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		G	G	G
Colour 2nd head		G	G	G
Weight	grams	296	609	1200
2782GGG	Each	31,10	44,10	65,00

2782GGN SCU

Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		G	G	G
Colour 2nd head		N	N	N
Weight	grams	295	636	1041
2782GGN	Each	29,60	39,70	56,20

2782GNN SCU

Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		N	N	N
Colour 2nd head		N	N	N
Weight	grams	548	640	1130
2782GNN	Each	29,80	36,80	51,80



Spare heads for Art. 2782 GAA to Art. 2782 GNN.

WHITE colour.

Head Ø	mm	30	40	50
O2782GA	Each	8,10	12,40	21,10

Product description as Art. 02782GA

BLUE colour.

Head Ø	mm	30	40	50
O2782GB	Each	5,84	8,10	11,40

Product description as Art. 02782GA

YELLOW colour.

Head Ø	mm	30	40	50
O2782GG	Each	6,50	10,60	15,40

Product description as Art. 02782GA

BLACK colour.

Head Ø	mm	30	40	50
O2782GN	Each	5,08	6,82	9,18

SCU

O2782GA
O2782GB
O2782GG
O2782GN



Spare handles for Art. 2782 GAA and Art. 2782 GNN, Hickory wood.

for head Ø	mm	30	40	50
O2782GM	Each	7,26	7,84	9,68

SCU

O2782GM



Head-holder jaws, in cast iron, with screw for Art. 2782 GAA to Art. 2782 GNN.

for head Ø	mm	30	40	50
O2782GP	Per pair	14,20	20,40	28,10

SCU

O2782GP



MALLETS

Prod. SCU

With interchangeable heads, made from transparent cellulose acetate. Ash wood handle.

Head Ø	mm	22	27	32	35	40	50	60
2785G	Each	6,80	8,42	11,20	13,30	16,70	25,10	38,40

Spare heads for Art. 2785 G.

Head Ø	mm	22	27	32	35	40	50	60
O2785G	Each	0,68	1,14	1,86	2,24	2,42	4,36	6,64

SCU

2785G



With interchangeable heads, made from plastic.

Ash wood handle.

Head Ø	mm	22	28	35	45	60
2788	Each	9,00	11,10	15,80	22,40	37,30

Spare heads for Art. 2788.

Head Ø	mm	22	28	35	45	60
O2788	Each	1,62	2,00	3,50	5,50	8,76

SCU

2788



With interchangeable heads in white polyurethane. NOT SUITABLE FOR BEATEN ON EDGY BODIES.

Handle in ash.

Head Ø	mm	22	28	35	42	50	60
2788E	Each	8,58	9,86	13,70	16,60	22,10	31,10

Spare heads for Art. 2788 E.

Head Ø	mm	22	28	35	42	50	60
O2788E	Each	0,84	1,00	1,46	1,84	2,98	4,16

SCU

2788E
new




2788GA


With interchangeable heads, made from special unbreakable Nylon. Ash wood handle.

Head Ø	mm	22	27	32	35	40	50	60
Weight	grams	160	250	350	420	580	900	1340
2788GA	Each	7,92	10,20	14,10	17,10	21,30	38,90	49,30

Head Ø	mm	22	27	32	35	40	50	60
O2788GA	Each	1,44	2,00	3,24	4,20	5,26	9,58	12,90

2788L

new



With interchangeable heads in white polyurethane. NOT SUITABLE FOR BEATEN ON EDGY BODIES.

Iron handle covered with non-slip rubber.

Head Ø	mm	35	40	50	60
Weight	grams	490	610	930	1075
2788L	Each	23,40	24,90	28,20	31,80

For replacement heads see Art. O2789.

2788P

new



Type with metal head and body in one unit, completely coated with long lasting rubber. Ensures a powerful but comfortable beat effect.

In BLACK rubber.

Head Ø	mm	50	60
Weight	grams	600	1000
Hardness	shore	80	80
Overall length	mm	280	300
2788P	Each	20,60	26,80

2788T

new



Product description as Art. 2788P

In WHITE rubber, to avoid leaving surface traces.

Head Ø	mm	50	60
Weight	grams	600	1000
Hardness	shore	80	80
Overall length	mm	280	300
2788T	Each	21,60	28,20

RECOILLESS MALLETs
2789


Prod. SCU

With interchangeable heads, in white polyurethane. NOT SUITABLE FOR BEATEN ON EDGY BODIES.

Extra hardwood handle. Suitable for many service works.

Head Ø	mm	30	35	40	45	50	60
Weight	grams	400	530	640	790	1050	1350
2789	Each	24,50	27,10	29,20	32,70	39,40	49,30

Spare heads for Art. 2789.

Head Ø	mm	30	35	40	45	50	60
O2789	Each	1,66	2,28	2,74	3,52	4,94	7,08

2789B


Orig. Gedore - Art. 248H

With interchangeable heads in white polyamide, unbreakable, abrasion-resistant tested for temperatures up to -20°C.

Balanced filling of the body with metal balls. Double beat effect compared to traditional hammers. Handle in Hickory wood. For professional and heavy-duty use.

Head Ø	mm	25	30	35	40	45	50	60
Weight	grams	300	585	670	820	1030	1180	1800
Overall length	mm	305	330	335	360	365	370	370
2789B	Each	36,20	37,10	40,90	46,90	53,90	60,90	105,00

Head Ø	mm	70	80	100
Weight	grams	2300	4000	7000
Overall length	mm	370	880	1000
2789B	Each	134,00	269,00	414,00

Spare heads for Art. 2789B.

Head Ø	mm	80	100
O2789B	Each	28,80	46,20

For spare head Ø from 25 to 70mm see Art. O2789 GM.



Prod. SCU

With interchangeable heads, in white polyurethane NOT SUITABLE FOR BEATEN ON EDGY BODIES.

Handle in sturdy steel tubing. Grip coated with soft rubber.

Suitable for many service works.

Head Ø	mm	35	40	50	60
Weight	grams	650	760	1270	1470
2789F	Each	26,30	29,10	39,40	49,10

Spare heads for Art. 2789F.

Head Ø	mm	35	40	50	60
O2789F	Each	2,28	2,74	4,94	7,08

SCU

2789F



With interchangeable heads, in white polyurethane NOT SUITABLE FOR BEATEN ON EDGY BODIES.

Handle in fiberglass, max. sturdiness, covered with soft rubber.

Suitable for knurled sheet and many service works.

Head Ø	mm	35	40	45	50	60
Weight	grams	700	800	900	1250	1550
2789G	Each	36,70	39,60	42,80	50,60	59,10

For spare heads see Art. O2789.

SCU

2789G



Orig. Gedore - Art. 248 ST

With interchangeable heads in white polyamide, unbreakable, abrasion-resistant tested for temperatures up to -20°C.

Balanced filling of the body with metal balls. Double beat effect compared to traditional hammers.

Handle in Hickory wood. For professional and heavy-duty use.

Head Ø	mm	25	30	35	40	45	50	60	70
Weight	grams	370	585	670	820	1030	1180	1800	2400
2789GM	Each	41,60	43,50	45,70	53,40	60,10	68,80	110,00	172,00

Spare heads for Art. 2789 B and 2789 GM-O.

Head Ø	mm	25	30	35	40	45	50	60	70
O2789GM	Each	4,58	5,02	5,76	7,06	7,90	8,06	14,20	21,60

GEDORE

2789GM



Orig. Gedore - Art. 248 F

With interchangeable heads in white polyamide, unbreakable, abrasion-resistant tested for temperatures up to -20°C.

Balanced filling of the body with metal balls. Double beat effect compared to traditional hammers.

Handle in Hickory wood. For professional and heavy-duty use.

Head Ø	mm	25	30	35	40	45	50	60
Weight	grams	300	585	670	820	1030	1180	1800
2789GO	Each	60,00	62,40	68,50	75,70	82,70	94,10	150,00

For spare heads see Art. O2789GM.

GEDORE

2789GO



NYLON MALLETS, RECOILLESS

Orig. Gedore - Art. 247 H

Combination recoilles hammers consisting in 1 interchangeable head in white Poliamide, unbreakable, abrasions resistant, tested for temperatures up to -20 degrees and 1 fixed head in special steel. Hickory handle, anatomic-shaped, steel collar and pin to prevent possible breakage. Suitable to many professional uses.

Head Ø	mm	30	35	40
Weight	grams	570	670	800
2789GP	Each	51,90	55,40	71,90

Spare heads for Art. 2789 GP.

Head Ø	mm	30	35	40
O2789GP	Each	5,02	5,76	7,16

GEDORE

2789GP



RECOILLESS MALLETS

Prod. SCU

Metal head and body in one unit, completed coated with synthetic material. Balanced filling of the body with metal balls. Double beat effect compared to traditional hammers. Handle covered with knurled rubber.

Head Ø	mm	40	50
Weight	grams	700	1000
Hardness	shore	85	85
Overall length	mm	295	340
2789GPT	Each	16,60	19,90

SCU

2789GPT
new



**2789GR** **Orig. Peddinghaus**

Top quality model, metal head and body in one unit, completed coated with special synthetic material, long life. Balanced filling of the body with metal balls. Double beat effect compared to traditional hammers. Grip coated with soft antislip rubber.

Model with Ø 100mm has a squared head, glassfiber handle and grip coated with soft antislip rubber.

Head Ø	mm	30	35	45	50	60	100
Weight	grams	270	385	620	860	1340	4700
Overall length	mm	260	280	300	320	380	910
Supplier code		5036.04	5036.04	5036.04	5036.04	5036.04	5036.38
2789GR	Each	37,50	41,50	51,10	59,10	111,00	207,00

RUBBER MALLETS**2789GRL** **Prod. SCU**

In black hard rubber, undeformable (90 shore). Flat striking surface. Ash wood handle. Head fixed with steel pin.

Head Ø	mm	50	55	60
Weight	grams	300	430	525
2789GRL	Each	2,82	3,88	5,76

2789GS **Prod. SCU - DIN 5128-90**

In black hard rubber, undeformable (90 shore). Flat striking surface. Ash wood handle.

Head Ø	mm	40	55	65	75	90
Weight	grams	180	310	540	800	1250
2789GS	Each	6,06	9,10	9,38	14,10	20,70

2789GT **Prod. SCU - DIN 5128-60**

In black semi-hard rubber, undeformable (60 shore). Flat striking surface. Ash wood handle.

Head Ø	mm	55	65	75	90
Weight	grams	310	540	800	1250
2789GT	Each	5,92	7,78	12,10	21,30

2789GZ **Prod. SCU**

In light, hard rubber, undeformable (90 shore). Flat striking surface. Ash wood handle. Especially suited to installations and finishing as it does not leave any rubber trace.

Weight: approx. 310g. Head diam.: 55mm.

2789GZ	Each	9,60
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2790G **Orig. Gedore-DIN 5128 - Art. 226 E**

In black hard rubber, undeformable (90 Shore). With nylon fabric reinforcement. Ash wood handle.

Weight	grams	310	540	800	1250
Head Ø	mm	55	65	75	90
2790G	Each	10,70	14,10	20,90	28,90

2791G **Orig. Gedore-DIN 5128 - Art. 227 E**

In black semi-hard rubber, undeformable (60 Shore). With nylon fabric reinforcement. Ash wood handle.

Weight	grams	310	540	800
Head Ø	mm	55	65	75
2791G	Each	17,20	22,60	27,40

2791GE **Orig. Peddinghaus - Art. 5060.02**

In light, hard rubber (polyurethane), undeformable (90 Shore). Flat striking surface.

Ash wood handle, anatomic-shaped. Especially suited to installations and finishing as it does not leave any rubber trace. Weight: approx. 300g. Head diam.: 55mm.

2791GE	Each	52,90
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RAWHIDE MALLETS

Orig. Peddinghaus - Art. 03800

In buffalo leather. Hardwood handle.

Ø head appr.	mm	38	50	63	70	76	89
Weight	grams	170	330	520	670	850	1160
Length head c.ca	mm	82	90	110	116	135	140
2792	Each	52,90	81,60	98,60	115,00	154,00	205,00



2792
new



Prod. SCU

In buffalo rump leather. Hardwood handle.

Weight	grams	100	280	400	570	1400
Ø head appr.	mm	30/35	40/45	50/55	60/65	85/90
Head height	mm	70	100	110	120	160
2792A	Each	79,20	126,00	156,00	195,00	432,00



2792A



WOODEN MALLETS

Prod. SCU

In hardwood, shaped handle.

Head Ø	mm	50	60	70	80	100
Weight	grams	200	340	450	590	900
2793	Each	6,58	7,12	9,32	12,10	20,90



2793



HARD LEAD MALLETS

Prod. SCU

In lead alloy.

Steel handle with accident-prevention fastening system.

Weight	Kg	1	1,5	2	2,5	3	4	6	
2794	Each	17,60	20,80	25,90	29,80	38,80	49,50	68,90	
Weight	Kg	9	12						
2794	Each	112,00	148,00						



2794



LIGHT ALLOY MALLETS

Orig. Gedore - Art. 21 F

In aluminum alloy, cylindrical shape.

Suitable for working easily deformable sheets and materials.

Indestructible glass fiber handle, for maximum safety, covered with soft rubber.

Head Ø	mm	40	45	60	70
Weight	grams	440	710	1250	1790
2795G	Each	59,60	67,90	96,70	118,00



2795G
new



SETS OF PANEL BEATING DOLLIES

Prod. SCU

7-pcs set in sheet steel case, dimensions: 310x170x65mm.

Each set consists of:

1 x each Art. 2804 A-B-C-D-T

1 x Art. 2809 B

1 x flat dolly 150mm

Supplied in case.

2803T	Each	277,00
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2803T





PANEL BEATING DOLLIES

2804

SCU



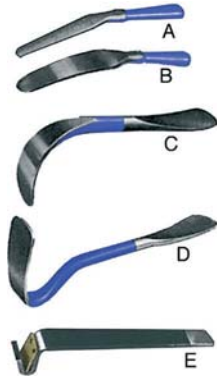
Prod. SCU

In special steel
Polished striking surface.
Suited to sheet steel working.

Type		A	B	C	D	F	G	I
Overall length	mm	70	57	84	110	120	135	145
Width	mm	58	57	62	60	50	54	63
Thickness	mm	63	58	30	28	30	44	45
Overall weight	grams	1150	750	800	1100	650	920	1570
2804	Each	56,20	40,10	44,50	44,90	33,10	41,10	62,00
Type		K	M	N	R	S	T	
Overall length	mm	122	107	65	100	85	122	
Width	mm	98	65	53	64	60	47	
Thickness	mm	60	26	65	62	30	44	
Overall weight	grams	1200	875	1250	1220	850	450	
2804	Each	54,20	42,90	59,30	61,40	44,90	24,70	

2805

SCU



In special steel
Polished striking surface.
Suited to sheet steel working.

Type		A	B	C	D	E
Overall length	mm	290	365	400	450	420
Overall weight	grams	560	930	1800	2080	1020
2805	Each	42,50	49,40	74,10	110,00	25,60

2805GL

SCU



In special steel.
Knurled sheet striking tool, handle in plastic material. Length: 325mm. Width: 35mm. Weight: 400g.

2805GL	Each	183,00
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2806GA

PEDDINGHAUS



Orig. Peddinghaus - Art. 198.01

In special steel. Very sturdy.
Nickel coated levers to straighten bumpers and remove motor mechanical parts (heads, gears, etc.)

Length: 400mm.

2806GA	Each	34,50
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2806GA 1

PEDDINGHAUS



Product description as Art. 2806GA

Length: 600mm.

2806GA 1	Each	36,70
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2806GB

PEDDINGHAUS



Orig. Peddinghaus - Art. 197.01

Product description as Art. 2806GA

Head bent at 90°.

Length: 400mm.

2806GB	Each	34,50
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2806P

SCU



Prod. SCU

In CHROME-VANADIUM steel.

Chromium-plated levers to straighten bumpers and remove motor mechanical parts (heads, gears, etc.).

Length: 400mm.

2806P	Each	26,40
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Product description as Art. 2806P
 Head bent at 90°.
 Length: 400mm.

2806T Each **22,90**



MOUNTING LEVERS IN SERIES

Orig. Gedore red - Art. R19101002

In special steel. Levers with handles in synthetic material. To straighten bumpers and remove mechanical parts of engines; for the extraction, the positioning, the keeping in position of pieces and for the enlargement of narrow spaces, etc.

Set of 4 levers total length mm 200 - 310 - 460 - 610 and blade width mm 10 - 16 - 20 - 20.

2807GA Series **76,70**



PANEL BEATING HAMMERS

Prod. SCU

In special steel
 Polished wooden handle.

1x smooth round head Ø 30mm and 1 x knurled square head 28mm. Weight: 380g.

2808A Each **41,20**



Product description as Art. 2808A

1 x knurled round head Ø 45mm and 1 x smooth square head 40mm. Weight: 350g.

2808F Each **54,90**



Product description as Art. 2808A

1 x smooth round flat head Ø 33mm and 1 x smooth round convex head Ø 36mm. Weight: 550g.

2809B Each **27,90**



Product description as Art. 2808A

1 x smooth round crowned head Ø 40mm and 1 x ball head Ø 20mm. Weight: 420g.

2810 Each **31,60**



Product description as Art. 2808A

1 x smooth round crowned head Ø 40mm and 1 x pointed head. Weight: 400g.

2810A Each **31,60**



Product description as Art. 2808A

1 x smooth round crowned head Ø 40mm and 1 x peen head, width: 20mm. Weight: 420g.

2810B Each **31,60**



Product description as Art. 2808A

1 x smooth round flat head Ø 35mm and 1 x pen head, width: 38mm. Weight: 630g.

2810C Each **33,30**





2810D

SCU



Product description as Art. 2808A
Smooth and flat wide head, rectangular 50 x 30mm. Weight: 260g.

2810D Each **31,80**

2810E

SCU



Product description as Art. 2808A
With rectangular, crowned, wide flat head 50 x 30mm. Weight 280g.

2810E Each **33,30**

TWISTING FORCE-BUMPING HAMMERS

2810G

PEDDINGHAUS



Orig. Peddinghaus - Art. 160.53
In special steel. Hickory handle. Used to recover bodywork flatten iron sheet's original shape. Percussion and rotation are combined to restore original sheet tension. Suitable to material thickness from 0.2mm to 1mm. 1 x rotating round head Ø 42mm and 1 x round head Ø 31.5mm, polished.

Overall length mm 325
Hammer length mm 115
Overall weight grams 300
2810G Each **139,00**

ELASTIC PIN SETS

2810Z

SCU



Prod. SCU
Set of elastic pins according to ISO 8752 DIN 1481, burnished finish. In spring steel C 70-55 Si 7.

517-pcs. set of elastic pins Art. 2811.
The set contains:
50 pcs. each mm 3x22 - 3x40
40 pcs. each mm 4x16 - 4x22 - 4x30 - 4x40 - 4x50
24 pcs. each mm 5x30 - 5x50 - 5x60
30 pcs. each. mm 6x16
10 pcs. each mm 6x40 - 6x50 - 6x80
20 pcs. each mm 6x60
5 pcs. each mm 7x80
12 pcs. each mm 8x40 - 8x55 - 8x60 - 8x80
6 pcs. each mm 10x40 - 10x80
2810Z Each **393,00**

ELASTIC PINS

2811

SCU



Prod. SCU
Model according to ISO 8752 DIN 1481, burnished finish. In spring special steel C70-55 Si7. Beveled extremities in dimensions up to Ø 8mm. Only one beveled extremities in dimensions from Ø 10mm. Mentioned packing units are not sold separately. Product in set see Art.2810 Z.

Ø for length	mm	1x4	1x5	1x6	1x8	1x10	1x12	1x14	1x16	1x20	1.5x6	1.5x8	1.5x10	1.5x12	1.5x14	1.5x16
Indivisible pck.	Pcs	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
2811	Pack	42,30	45,60	45,60	45,60	41,50	46,40	46,40	48,10	52,90	27,70	28,50	28,50	29,30	31,80	39,90
Ø for length	mm	1.5x20	2x4	2x5	2x6	2x8	2x10	2x12	2x14	2x16	2x18	2x20	2x22	2x24	2x26	2x30
Indivisible pck.	Pcs	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
2811	Pack	46,40	37,50	37,50	28,50	28,50	28,50	30,90	30,90	31,80	31,80	32,60	34,20	45,60	46,40	50,50
Ø for length	mm	2.5x5	2.5x6	2.5x8	2.5x10	2.5x12	2.5x14	2.5x16	2.5x18	2.5x20	2.5x26	2.5x30	3x4	3x5	3x6	3x8
Indivisible pck.	Pcs	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
2811	Pack	29,30	29,30	30,90	31,80	31,80	31,80	34,20	35,10	35,80	50,50	57,10	28,50	29,30	29,30	30,90
Ø for length	mm	3x10	3x12	3x14	3x16	3x18	3x20	3x22	3x24	3x26	3x28	3x30	3x32	3x36	3x40	3.5x10
Indivisible pck.	Pcs	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
2811	Pack	30,90	31,80	35,10	35,80	35,80	39,10	39,10	39,10	39,90	39,90	41,50	44,80	46,40	48,10	56,20
Ø for length	mm	3.5x12	3.5x16	3.5x20	3.5x26	3.5x30	3.5x36	3.5x40	4x6	4x8	4x10	4x12	4x14	4x16	4x18	4x20
Indivisible pck.	Pcs	1000	1000	1000	1000	1000	1000	1000	500	500	500	500	500	500	500	500
2811	Pack	41,50	46,40	48,10	55,30	66,70	68,40	70,10	17,90	19,60	20,80	20,80	22,40	23,20	24,10	24,40
Ø for length	mm	4x22	4x24	4x26	4x28	4x30	4x32	4x36	4x40	4x45	4x50	4.5x16	4.5x20	4.5x24	4.5x30	4.5x32
Indivisible pck.	Pcs	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
2811	Pack	24,80	26,10	28,10	28,50	29,70	30,50	33,10	37,00	38,70	42,30	38,70	41,50	46,40	50,50	52,90

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Ø for length	mm	4.5x40	5x6	5x10	5x12	5x14	5x16	5x18	5x20	5x22	5x24	5x26	5x30	5x32	5x36	5x40
Indivisible pck.	Pcs	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
2811	Pack	59,40	33,80	24,10	24,80	25,30	28,10	29,70	33,40	33,80	35,80	37,50	38,70	39,90	43,10	44,10
Ø for length	mm	5x45	5x50	5x55	5x60	5x65	5x70	5x80	6x10	6x12	6x14	6x16	6x18	6x20	6x22	6x24
Indivisible pck.	Pcs	500	250	250	250	250	250	250	500	500	500	500	500	500	500	500
2811	Pack	48,80	26,10	28,90	30,10	40,70	40,70	48,80	33,80	33,80	34,60	37,00	37,00	38,30	38,70	39,90
Ø for length	mm	6x26	6x30	6x32	6x36	6x40	6x45	6x50	6x55	6x60	6x65	6x70	6x75	6x80	6x100	7x20
Indivisible pck.	Pcs	500	500	500	500	250	250	250	250	250	250	250	250	250	250	500
2811	Pack	44,80	46,40	48,80	52,10	31,40	32,20	34,20	37,50	40,70	57,10	57,10	73,20	79,70	131,00	75,70
Ø for length	mm	7x26	7x30	7x40	7x50	7x60	8x12	8x16	8x20	8x24	8x26	8x30	8x32	8x36	8x40	8x45
Indivisible pck.	Pcs	500	250	250	250	250	500	500	500	500	250	250	250	250	250	
2811	Pack	93,60	54,10	64,30	153,00	97,60	53,70	54,50	57,80	62,70	40,70	44,10	44,80	54,90	54,90	57,10
Ø for length	mm	8x50	8x55	8x60	8x65	8x70	8x80	8x100	10x14	10x16	10x20	10x22	10x24	10x26	10x30	10x32
Indivisible pck.	Pcs	250	250	250	250	250	250	100	500	500	500	500	500	500	500	500
2811	Pack	59,10	61,00	65,10	69,20	73,20	114,00	65,10	88,70	96,10	113,00	122,00	131,00	139,00	147,00	171,00
Ø for length	mm	10x36	10x40	10x45	10x50	10x55	10x60	10x65	10x70	10x80	10x90	10x100	12x16	12x20	12x24	12x30
Indivisible pck.	Pcs	250	250	250	250	200	200	100	100	100	100	100	500	500	250	250
2811	Pack	85,40	85,40	89,50	89,50	97,60	81,40	91,10	52,10	63,50	68,40	94,40	976,00	318,00	171,00	196,00
Ø for length	mm	12x36	12x40	12x45	12x50	12x60	12x70	12x80	12x90	12x100	12x120					
Indivisible pck.	Pcs	200	200	200	100	100	100	50	50	50	50					
2811	Pack	157,00	157,00	81,40	81,40	94,40	97,60	52,90	77,30	110,00	155,00					

FITTING TOLERANCE RANGE:

nominal Ø of pin from 1 to 3mm = tolerance (H12) mm +0.10
 nominal Ø of pin from 3.5 to 6mm = tolerance (H12) mm +0.12
 nominal Ø of pin from 7 to 10mm = tolerance (H12) mm +0.15
 nominal Ø of pin 12mm = tolerance (H12) m

SPIRAL PINS

Prod. SCU

Model according to ISO 8750 DIN 7343, burnished finish.

In spring special steel C70-55 Si7.

All dimensions have beveled extremities. The spiral cross-section gives high elasticity allowing these pins an excellent bearing capacity to support dynamic loads.

Mentioned packing units are not sold separately.



2811E



Ø for length	mm	1x6	1x8	1x10	1x12	1.5x6	1.5x8	1.5x10	1.5x12	1.5x14	2x5	2x6	2x8	2x10	2x12	2x14
Indivisible pck.	Pcs	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
2811E	Pack	63,50	55,70	63,50	64,30	35,10	35,10	38,30	56,20	56,20	35,80	36,60	38,30	38,30	39,10	41,50
Ø for length	mm	2x16	2x18	2x20	2.5x5	2.5x6	2.5x8	2.5x10	2.5x12	2.5x14	2.5x16	2.5x18	2.5x20	3x6	3x8	3x10
Indivisible pck.	Pcs	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
2811E	Pack	44,10	45,60	47,20	57,10	57,10	44,10	45,60	47,20	50,50	50,50	52,10	54,50	44,80	44,80	45,60
Ø for length	mm	3x12	3x14	3x16	3x18	3x20	3x22	3x24	3x26	3x28	3x30	3.5x10	3.5x16	3.5x18	3.5x20	3.5x30
Indivisible pck.	Pcs	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
2811E	Pack	47,20	49,70	50,50	52,10	61,00	59,40	61,00	62,70	65,90	70,10	50,50	79,70	79,70	84,60	101,00
Ø for length	mm	4x8	4x10	4x12	4x14	4x16	4x18	4x20	4x22	4x24	4x26	4x28	4x30	4x32	4x36	4x40
Indivisible pck.	Pcs	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
2811E	Pack	28,50	30,10	32,60	35,40	35,40	38,30	38,30	39,10	40,30	41,50	42,30	44,10	47,20	55,30	57,10
Ø for length	mm	4x45	4x50	5x10	5x12	5x14	5x16	5x20	5x22	5x24	5x26	5x28	5x30	5x32	5x36	5x40
Indivisible pck.	Pcs	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
2811E	Pack	59,40	79,70	48,80	39,90	42,30	44,80	52,10	52,10	52,50	54,50	54,50	63,50	65,90	81,40	81,40
Ø for length	mm	5x45	5x50	5x60	6x12	6x14	6x16	6x18	6x20	6x22	6x24	6x26	6x30	6x32	6x36	6x40
Indivisible pck.	Pcs	500	250	250	500	500	500	500	500	500	500	500	500	500	500	250
2811E	Pack	81,40	43,10	59,40	52,10	57,80	53,70	65,90	58,60	60,20	64,30	68,40	78,90	79,70	97,60	50,50
Ø for length	mm	6x45	6x50	6x55	6x60	6x65	6x70	8x20	8x26	8x28	8x30	8x32	8x36	8x40	8x45	8x50
Indivisible pck.	Pcs	250	250	250	250	250	250	500	250	250	250	250	250	500	500	250
2811E	Pack	50,50	55,30	73,60	80,20	89,50	97,60	110,00	66,70	70,80	85,40	89,50	93,60	196,00	204,00	106,00
Ø for length	mm	8x55	8x60	8x70	8x80	8x100	10x22	10x24	10x26	10x28	10x30	10x32	10x35	10x40	10x45	10x50
Indivisible pck.	Pcs	250	250	250	250	100	500	500	500	500	500	500	250	250	250	
2811E	Pack	111,00	135,00	175,00	204,00	115,00	188,00	204,00	220,00	228,00	236,00	269,00	139,00	151,00	155,00	204,00
Ø for length	mm	10x60	10x70	10x80	10x90	10x100	12x24	12x30	12x40	12x50	12x60	12x70	12x80	12x90	12x100	
Indivisible pck.	Pcs	200	100	100	100	100	250	250	200	100	100	100	100	50	50	
2811E	Pack	196,00	119,00	134,00	261,00	277,00	346,00	371,00	319,00	168,00	196,00	199,00	212,00	188,00	269,00	

FITTING TOLERANCE RANGE:

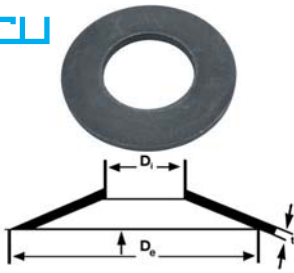
nominal Ø of pin from 1 to 3mm = hole tolerance (H12) mm +0.10
 nominal Ø of pin from 3.5 to 6mm = hole tolerance (H12) mm +0.12
 nominal Ø of pin from 7 to 10mm = hole tolerance (H12) mm +0.15
 nominal Ø of pin 12mm = hole tolerance (H12) mm +0.18
 Sizes mm 1x8, 8x55 and 8x100 running out of stock.





DISE SPRINGS

2811G SCU



Prod. SCU

Model according to DIN 2093.

Phosphated surface for long life. In spring special steel (C67/C75) up to a thickness of 1.1mm. In CHROME VANADIUM steel (50 Cr V4) from 1.25mm thickness. Tolerance Ø spring: h12 - Hole tolerance: H12.

Mentioned packing units are not sold separately.

Type		6A	8B	8C	8E	8F	10B	10C	10D	10E	10L	10M	12A
Dimensions (De) mm		6	8	8	8	8	10	10	10	10	10	10	12
(Di) x (t) mm		3,2x0,3	3,2x0,3	3,2x0,4	4,2x0,3	4,2x0,4	3,2x0,4	3,2x0,5	4,2x0,4	4,2x0,5	5,2x0,4	5,2x0,5	4,2x0,4
Indivisible pck. Pcs		200	200	200	200	200	200	200	200	200	200	200	200
2811G	Pack	12,70	12,70	12,70	12,70	12,70	13,50	13,50	13,50	13,50	13,50	13,50	14,20
Type		12B	12C	12D	12E	12F	12L	12.5B	12.5C	12.5D	14A	14C	15A
Dimensions (De) mm		12	12	12	12	12	12	12,5	12,5	12,5	14	14	15
(Di) x (t) mm		4,2x0,5	4,2x0,6	5,2x0,5	5,2x0,6	6,2x0,5	6,2x0,6	6,2x0,35	6,2x0,5	6,2x0,7	7,2x0,35	7,2x0,8	5,2x0,4
Indivisible pck. Pcs		200	200	200	200	200	200	200	200	200	200	200	200
2811G	Pack	14,60	14,60	14,60	14,60	14,60	14,60	14,20	14,60	15,10	14,60	16,50	14,60
Type		15C	15E	15F	15M	15P	16A	16B	16E	18A	18B	18C	18L
Dimensions (De) mm		15	15	15	15	15	16	16	16	18	18	18	18
(Di) x (t) mm		5,2x0,6	6,2x0,5	6,2x0,6	8,2x0,7	8,2x0,8	8,2x0,4	8,2x0,6	8,2x0,9	6,2x0,4	6,2x0,5	6,2x0,6	8,2x0,7
Indivisible pck. Pcs		200	200	200	200	200	200	200	200	200	200	200	200
2811G	Pack	15,40	15,40	15,40	15,80	16,50	15,40	15,80	17,30	15,80	16,10	16,50	16,50
Type		18M	18P	18R	18S	18T	20A	20C	20E	20F	20L	20M	20P
Dimensions (De) mm		18	18	18	18	18	20	20	20	20	20	20	20
(Di) x (t) mm		8,2x0,8	8,2x1	9,2x0,45	9,2x0,7	9,2x1	8,2x0,6	8,2x0,8	8,2x1	10,2x0,5	10,2x0,8	10,2x0,9	10,2x1
Indivisible pck. Pcs		200	200	200	200	200	200	200	200	200	200	200	200
2811G	Pack	17,30	19,20	15,80	16,50	19,20	16,90	18,10	20,40	16,90	18,10	18,40	20,40
Type		20R	20S	20T	22.5A	22.5B	22.5C	23B	23D	23F	23L	23P	23R
Dimensions (De) mm		20	20	20	22,5	22,5	22,5	23	23	23	23	23	23
(Di) x (t) mm		10,2x1,1	10,2x1,25	10,2x1,5	11,2x0,6	11,2x0,8	11,2x1,25	8,2x0,8	8,2x1	10,2x1	10,2x1,25	12,2x1,25	12,2x1,5
Indivisible pck. Pcs		200	200	200	200	200	200	200	200	200	200	200	200
2811G	Pack	21,10	49,30	51,60	17,30	19,60	53,20	20,10	23,40	23,40	52,80	52,80	58,70
Type		25B	25C	25D	25E	25F	28A	28B	28F	28L	28M	28P	28R
Dimensions (De) mm		25	25	25	25	25	28	28	28	28	28	28	28
(Di) x (t) mm		12,2x0,7	12,2x0,9	12,2x1	12,2x1,25	12,2x1,5	10,2x0,8	10,2x1	12,2x1,25	12,2x1,5	14,2x0,8	14,2x1	14,2x1,25
Indivisible pck. Pcs		200	200	200	200	200	200	200	200	200	200	200	200
2811G	Pack	20,40	21,50	25,70	57,10	59,40	24,60	26,10	59,40	63,70	24,60	26,10	59,40
Type		28S	31.5D	31.5E	31.5F	31.5L	31.5M	34A	34B	34E	34F	34L	35.5A
Dimensions (De) mm		28	31,5	31,5	31,5	31,5	31,5	34	34	34	34	34	35,5
(Di) x (t) mm		14,2x1,5	16,3x0,8	16,3x1,25	16,3x1,5	16,3x1,75	16,3x2	12,3x1	12,3x1,25	14,3x1,5	16,3x1,5	16,3x2	18,3x0,9
Indivisible pck. Pcs		200	100	100	100	100	100	100	100	100	100	100	100
2811G	Pack	63,70	14,40	32,30	34,20	38,10	40,10	16,30	36,20	42,10	42,10	44,10	16,30
Type		35.5B	35.5C	40A	40B	40E	40F	40L	40M	40P	40R	40S	40T
Dimensions (De) mm		35,5	35,5	40	40	40	40	40	40	40	40	40	40
(Di) x (t) mm		18,3x1,25	18,3x2	14,3x1,25	14,3x1,5	16,3x1,5	16,3x1,75	16,3x2	18,3x2	20,4x1	20,4x1,5	20,4x2	20,4x2,25
Indivisible pck. Pcs		100	100	100	100	100	100	100	100	100	100	100	100
2811G	Pack	36,20	49,90	49,90	55,70	55,70	57,70	59,60	59,60	24,10	51,80	57,70	61,60
Type		40V	45B	45C	50B	50C	50D	50F	50L	50M	50P	50R	50S
Dimensions (De) mm		40	45	45	50	50	50	50	50	50	50	50	50
(Di) x (t) mm		20,4x2,5	22,4x1,75	22,4x2,5	18,4x1,5	18,4x2	18,4x2,5	20,4x2	20,4x2,5	22,4x2	22,4x2,5	25,4x1,25	25,4x1,5
Indivisible pck. Pcs		100	100	100	100	100	100	100	100	100	100	100	100
2811G	Pack	67,50	77,20	85,10	75,30	90,90	103,00	90,90	103,00	90,90	103,00	69,40	75,30
Type		50T	50V	50Z	56A	56B	56C	60A	60B	60D	60E	60F	60L
Dimensions (De) mm		50	50	50	56	56	56	60	60	60	60	60	60
(Di) x (t) mm		25,4x2	25,4x2,5	25,4x3	28,5x1,5	28,5x2	28,5x3	20,5x2	20,5x2,5	25,5x2,5	25,5x3	30,5x2,5	30,5x2,75
Indivisible pck. Pcs		100	100	100	100	100	100	100	100	100	100	100	100
2811G	Pack	90,90	103,00	119,00	96,80	113,00	150,00	130,00	152,00	152,00	168,00	152,00	158,00
Type		60M	60P	63A	63B	63C	63D	70B	70D	70E	70F	70L	71A
Dimensions (De) mm		60	60	63	63	63	63	70	70	70	70	70	71
(Di) x (t) mm		30,5x3	30,5x3,5	31x1,8	31x2,5	31x3	31x3,5	30,5x2,5	35,5x3	35,5x4	40,5x4	40,5x5	36x2
Indivisible pck. Pcs		100	100	100	100	100	100	1	1	1	1	1	1
2811G	Pack	168,00	185,00	138,00	156,00	183,00	199,00	2,12	2,34	3,32	3,32	4,18	2,04
Type		71B	71C	80B	80F	80L	80M	90A	90B	90C	100A	100D	100F
Dimensions (De) mm		71	71	80	80	80	80	90	90	90	100	100	100
(Di) x (t) mm		36x2,5	36x4	31x3	41x3	41x4	41x5	46x2,5	46x3,5	46x5	41x4	51x3,5	51x5
Indivisible pck. Pcs		1	1	1	1	1	1	1	1	1	1	1	1
2811G	Pack	2,20	3,36	2,86	2,86	4,14	4,96	3,32	4,00	5,94	5,94	4,78	7,28
Type		100L											
Dimensions (De) mm		100											
(Di) x (t) mm		51x6											
Indivisible pck. Pcs		1											
2811G	Pack	9,46											

Prices in EURO . VAT not included



SPRING PLUNGERS WITH THREADS

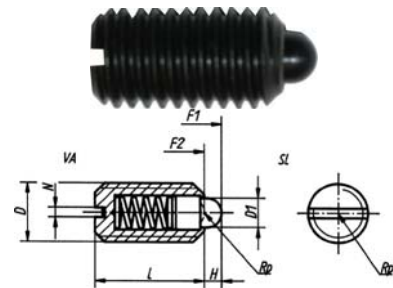
Prod. SCU

Ball nose spring plunger with slotted drive. In hardened steel, 5,8 resistance class, burnished.

Thread D Ø	M.	4	5	6	8	10	12	16	20
Force min F1	N	6	6	7	15	20	30	45	60
Max. force F2	N	20	20	20	30	35	55	100	120
D1 tip Ø	mm	1,8	2,4	2,7	4	4,5	6	8,5	10
Presser L length	mm	9	12	14	16	19	22	24	30
Tip extension H	mm	1,5	2	2	2	2,5	3,5	4,5	6,5
Notch N width	mm	0,6	0,8	1	1,2	1,6	2	2,5	2,5
Weight	grams	0,39	1	1,7	4	7	13	24	46,3
2812A	Each	1,70	1,68	1,68	2,06	2,16	3,28	4,58	7,56

SCU

2812A

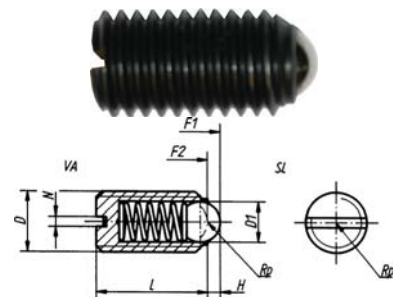


Ball spring plunger with slotted drive. In hardened steel, 5,8 resistance class, burnished. Hardened ball.

Thread D Ø	M.	3	4	5	6	8	10	12	16	20
Force min F1	N	1,5	4	6	9	15	20	30	65	80
Max. force F2	N	3	10	11	13	30	35	55	125	160
Ball D1 Ø	mm	1,5	2,5	3	3,5	5	6	8	10	12
Presser L length	mm	7	9	12	14	16	19	22	24	30
Ball H extension	mm	0,5	0,8	0,9	1	1,5	2	2,5	3,5	4,5
Notch N width	mm	0,4	0,6	0,8	1	1,2	1,6	2	2,5	2,5
Weight	grams	0,2	0,6	0,9	1,5	3,5	7	10	24	44,3
2812B	Each	1,92	0,86	0,98	1,10	1,34	1,76	2,92	3,78	6,30

SCU

2812B



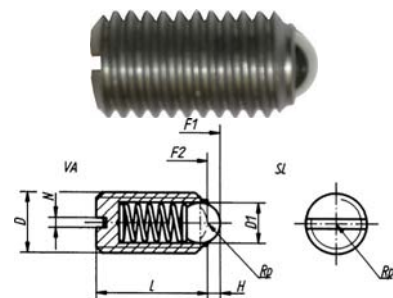
Ball spring plunger with slotted drive. In stainless steel. Hardened ball.

Thread D Ø	M.	3	4	5	6	8	10	12	16	20
Force min F1	N	1,5	4	6	9	15	20	30	65	80
Max. force F2	N	3	10	11	13	30	35	55	125	160
Ball D1 Ø	mm	1,5	2,5	3	3,5	5	6	8	10	12
Presser L length	mm	7	9	12	14	16	19	22	24	30
Ball H extension	mm	0,5	0,8	0,9	1	1,5	2	2,5	3,5	4,5
Notch N width	mm	0,4	0,6	0,8	1	1,2	1,6	2	2,5	2,5
Weight	grams	0,2	0,6	0,9	1,5	3,5	7	10	24	44,3
2812C	Each	5,08	2,82	3,00	3,26	5,06	6,32	7,46	9,48	12,60

SCU

INOX

2812C

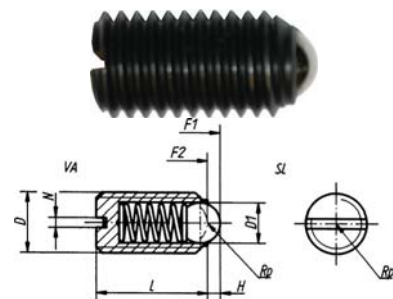


Ball spring plunger with slotted drive and heavy end pressure. In hardened steel, 5,8 resistance class, burnished. Hardened ball.

Thread D Ø	M.	5	6	8	10	12	16	20
Force min F1	N	19	28	47	66	66	90	115
Max. force F2	N	30	40	73	100	120	180	240
Ball D1 Ø	mm	3	3,5	5	6	8	10	12
Presser L length	mm	12	14	16	19	22	24	30
Ball H extension	mm	0,9	1	1,5	2	2,5	3,5	4,5
Notch N width	mm	0,8	1	1,2	1,6	2	2,5	2,5
Weight	grams	0,9	1,5	3,5	7	10	24	44,3
2812E	Each	1,02	1,14	1,44	1,84	3,34	3,94	6,90

SCU

2812E



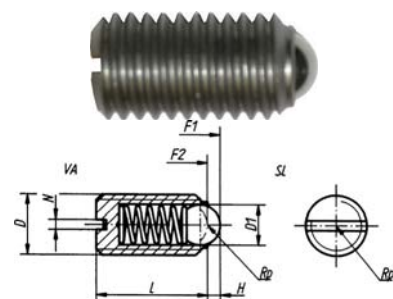
Ball spring plunger with slotted drive and heavy end pressure. In stainless steel. Hardened ball.

Thread D Ø	M.	5	6	8	10	12	16	20
Force min F1	N	19	28	47	66	66	90	115
Max. force F2	N	30	40	73	100	120	180	240
Ball D1 Ø	mm	3	3,5	5	6	8	10	12
Presser L length	mm	12	14	16	19	22	24	30
Ball H extension	mm	0,9	1	1,5	2	2,5	3,5	4,5
Notch N width	mm	0,8	1	1,2	1,6	2	2,5	2,5
Weight	grams	0,9	1,5	3,5	7	10	24	44,3
2812F	Each	3,16	3,34	5,32	6,78	8,26	10,30	13,80

SCU

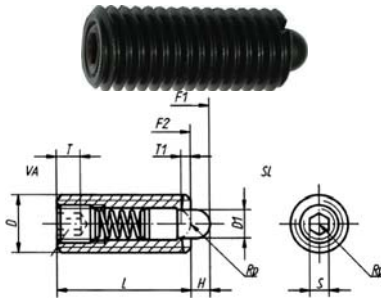
INOX

2812F





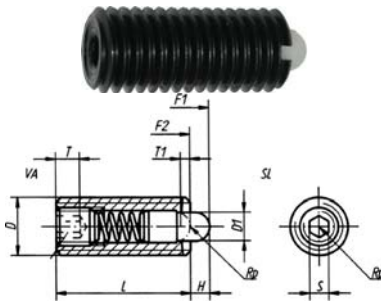
2812L **SCU**



Ball nose spring plunger with hex socket. In hardened steel, 5.8 resistance class, burnished. Straight slot on the nose in plungers Ø from 3 to 16 (Ø 20 and 24 excluded) is used for installation in blind borings, through special fitting key Art. O2812 M Size: 3-16.

Thread D Ø	M.	3	4	5	6	8	10	12
Force min F1	N	0,5	5	6	7	9	9	10
Max. force F2	N	3	16	20	20	35	35	55
D1 tip Ø	mm	1	1,5	2,4	2,7	3,5	4	6
Presser L length	mm	10	15	18	20	22	22	28
Tip extension H	mm	1,5	1,5	2,3	2,5	3	3	4
Hexagonal size S	mm	0,7	1,3	1,5	2	2,5	3	4
Weight	grams	0,35	0,8	1,3	2,5	6	9	16
2812L	Each	4,56	3,56	3,38	3,52	4,14	4,62	5,94
Thread D Ø	M.	16	20	24				
Force min F1	N	45	60	80				
Max. force F2	N	100	120	160				
D1 tip Ø	mm	7,5	10	12				
Presser L length	mm	32	40	52				
Tip extension H	mm	5	7	10				
Hexagonal size S	mm	5	6	8				
Weight	grams	35	66,3	122,2				
2812L	Each	7,60	9,78	17,40				

2812M **SCU**



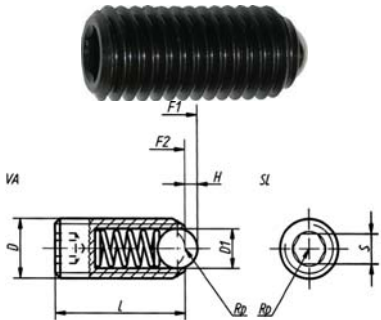
Ball nose spring plunger, in special plastic material, with hex socket. Hardened steel body, 5.8 resistance class, burnished. Straight slot in the nose in plungers Ø from 4 to 16 is used for installation in blind borings, through special fitting key Art. O2812 M Size: 4-16.

Thread D Ø	M.	4	5	6	8	10	12	16
Force min F1	N	5	6	7	9	9	10	45
Max. force F2	N	16	20	20	35	35	55	100
D1 tip Ø	mm	1,5	2,4	2,7	3,5	4	6	7,5
Presser L length	mm	15	18	20	22	22	28	32
Tip extension H	mm	1,5	2,3	2,5	3	3	4	5
Hexagonal size S	mm	1,3	1,5	2	2,5	3	4	5
Weight	grams	0,8	1,3	2,5	6	9	16	35
2812M	Each	3,98	3,90	3,98	4,70	5,66	7,12	8,76

Installation wrenches for Art. 2812 L/M.

Size	3	4	5	6	8	10	12	16
For pressers 2812 L Ø	mm	3	4	5	6	8	10	12
For pressers 2812 M Ø	mm	-	4	5	6	8	10	12
O2812M	Each	50,50	27,20	27,20	27,20	32,30	34,20	38,50

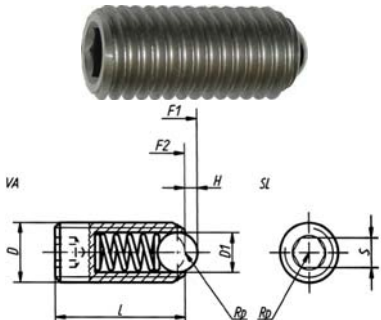
2812P **SCU**



Ball spring plunger with hex socket. In hardened steel, 5.8 resistance class, burnished. Hardened ball.

Thread D Ø	M.	6	8	10	12	16	20	24
Force min F1	N	9	15	20	30	65	80	90
Max. force F2	N	13	30	35	55	125	160	180
Ball D1 Ø	mm	3,5	4,5	6	8	10	12	15
Presser L length	mm	15	18	23	26	33	43	48
Ball H extension	mm	1	1,5	2	2,5	3,5	4,5	5,5
Hexagonal size S	mm	3	4	5	6	8	10	12
Weight	grams	2	4	8	12	31	64	100
2812P	Each	2,70	3,46	3,82	5,06	6,76	9,00	15,70

2812R **SCU** **INOX**



Ball spring plunger with hex socket. In stainless steel. Hardened ball.

Thread D Ø	M.	6	8	10	12	16	20	24
Force min F1	N	9	15	20	30	65	80	90
Max. force F2	N	13	30	35	55	125	160	180
Ball D1 Ø	mm	3,5	4,5	6	8	10	12	15
Presser L length	mm	15	18	23	26	33	43	48
Ball H extension	mm	1	1,5	2	2,5	3,5	4,5	5,5
Hexagonal size S	mm	3	4	5	6	8	10	12
Weight	grams	2	4	8	12	31	64	100
2812R	Each	7,18	7,78	9,10	12,20	19,20	23,80	39,20

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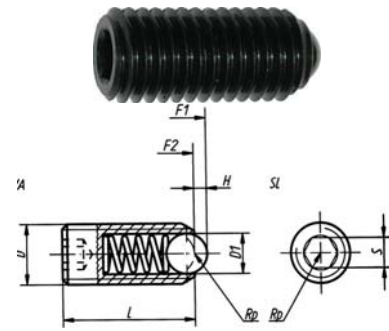


Ball spring plunger with hex socket and heavy end pressure. In hardened steel, 5.8 resistance class, burnished. Hardened ball.

Thread D Ø	M.	6	8	10	12	16	20	24
Force min F1	N	28	47	66	66	90	115	130
Max. force F2	N	40	73	100	120	180	240	270
Ball D1 Ø	mm	3,5	4,5	6	8	10	12	15
Presser L length	mm	15	18	23	26	33	43	48
Ball H extension	mm	1	1,5	2	2,5	3,5	4,5	5,5
Hexagonal size S	mm	3	4	5	6	8	10	12
Weight	grams	2	4	8	12	31	64	100
2812S	Each	2,92	3,74	4,16	5,62	7,40	9,88	17,30

SCU

2812S



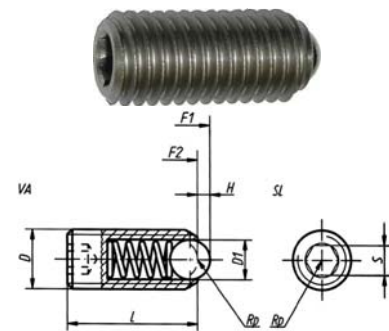
Ball spring plunger with hex socket and heavy end pressure. In stainless steel. Hardened ball.

Thread D Ø	M.	6	8	10	12	16	20	24
Force min F1	N	28	47	66	66	90	115	130
Max. force F2	N	40	73	100	120	180	240	270
Ball D1 Ø	mm	3,5	4,5	6	8	10	12	15
Presser L length	mm	15	18	23	26	33	43	48
Ball H extension	mm	1	1,5	2	2,5	3,5	4,5	5,5
Hexagonal size S	mm	3	4	5	6	8	10	12
Weight	grams	2	4	8	12	31	64	100
2812T	Each	7,96	8,60	9,96	13,40	21,10	26,30	43,20

SCU

INOX

2812T



STOP PINS

Prod. SCU

Type with retractable pin, control head and tightening counternut to adjust the pin depth. In hardened, ground, galvanised steel. Head made from thermoplastic resin. To unlock, simply extract the pin normally by pulling the control head provided.

Pivot D Ø	mm	5	6	8	10
Thread D1 Ø	MF	10x1	12x1,5	16x1,5	20x1,5
Head D2 Ø	mm	21	25	33	33
Overall length L	mm	47	56	73	80
Overall length L1	mm	24	28	36	40
Head length L2	mm	18	22	30	30
Pivot length H	mm	5	6	8	10
Ch Hexagon opening	mm	17	19	24	30
2812TE	Each	10,60	11,50	13,90	20,70

SCU

2812TE



On demand, also available the **STAINLESS STEEL** version.

Serrated washers for screwing, made of steel, to be applied to the stop pins Art. 2812 TE so as to lock them in the desired position.

For pivots 2812TE	mm	5	6	8	10
2812TF	Each	23,20	23,80	24,30	24,50

SCU

2812TF



SMOOTH SPRING PLUNGERS

Prod. SCU

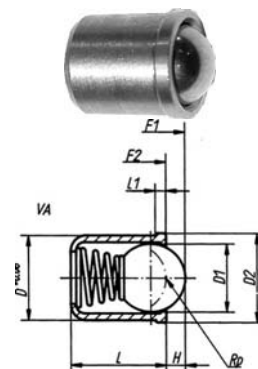
Ball spring plunger, smooth body. In stainless steel. Hardened ball. Ø D tolerance: +0.08.

Body Ø D	mm	4	5	6	8
Min force F1	N	3	4	6	6
Max. force F2	N	7	7	12	12
Ball D1 Ø	mm	3	4	5	6,5
Ext. overall Ø D2	mm	4,6	5,6	6,5	8,5
Presser L length	mm	5	6	7	9
Ball H extension	mm	0,8	1	1,5	1,8
Weight	grams	0,3	0,6	1	2
2812V	Each	1,52	1,54	1,60	1,96

SCU

INOX

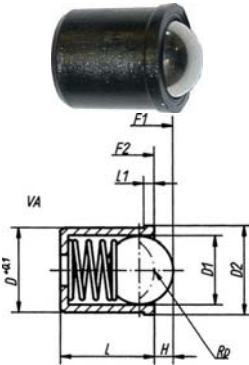
2812V





2812Z

SCU INOX



Ball spring plunger, smooth body. Body in black thermoplastic resin. Ball and spring in stainless steel, hardened. Ø D tolerance: +0.1.

Body Ø D	mm	4	5	6	8	
Min force F1	N	3	4	6	6	
Max. force F2	N	7	7	12	12	
Ball D1 Ø	mm	3	4	5	6,5	
Ext. overall Ø D2	mm	4,6	5,6	6,5	8,5	
Presser L length	mm	5	6	7	9	
Ball H extension	mm	0,7	1	1,5	1,8	
Weight	grams	0,17	0,35	0,66	1,46	
	2812Z	Each	0,94	0,96	1,00	1,20

SCREWING FIXING PLUGS

2813

SCU



Prod. SCU

Self-drilling screw model for plasterboard. In nylon with fiberglass reinforcement. Helicoidal threaded lugs for clockwise screwing. Overall length: 38mm, usable length: 25mm, max thread Ø: 12.3mm. With TPS, zinc plated screw for chipboard, dimensions: 4.5x35mm. Average tightness under traction: approx. 41kg.

Indivisible pck.	Pcs	100
2813	Pack	16,20

EXPANSION FIXING PLUGS

2813A

SCU



Prod. SCU

High quality nylon fixing plugs. Fixing lugs assure high tightness. Without screw.

Ø	mm	5	6	8	10
Length	mm	25	30	40	50
Indivisible pck.	Pcs	200	200	100	50
2813A	Pack	3,60	2,44	3,02	1,90

2813B

SCU



Product description as Art. 2813A. With zinc-plated screw.

Ø	mm	5	6	8	10
Length	mm	25	30	40	50
Indivisible pck.	Pcs	100	100	50	25
Screw dimension	mm	4x30	4,5x40	5x50	6x60
2813B	Pack	4,86	6,06	5,06	4,54

2813Z

SCU



Socket-type, inside threaded, in brass, highest tightness.

Int. threaded bore	M.	5	6	8	10	12
Ø for length	mm	6,5x21	8x23	10x28	12x32	15x38
Indivisible pck.	Pcs	200	100	100	50	40
2813Z	Pack	38,70	33,90	45,20	34,70	50,30

2814A

SCU



Heavy steel type, with anti-rotation lugs, assures high tightness and safety. Suitable to fixing in compact materials such as concrete, stocks, marble, granite, etc.

With inside threaded hole.

Ø	mm	12	14	16	20
Length	mm	40	47	56	75
Screw thread	M.	6	8	10	12
Indivisible pck.	Pcs	50	50	25	20
2814A	Pack	25,40	29,70	21,20	25,40

2814B

SCU



Product description as Art. 2814A

With screw with hexagonal head.

Ø	mm	12	14	16	20
Length	mm	40	50	60	75
Screw thread	M.	6	8	10	12
Indivisible pck.	Pcs	50	50	25	20
2814B	Pack	38,30	46,40	36,30	42,10

2814C

SCU



Product description as Art. 2814A

With threaded bar and nut.

Ø	mm	12	14	16	20
Length	mm	40	50	60	75
Screw thread	M.	6	8	10	12
Indivisible pck.	Pcs	50	50	25	20
2814C	Pack	40,30	48,40	42,40	50,80



Product description as Art. 2814A

With closed eyelet.

Ø	mm	12	14	16	20
Length	mm	40	50	60	75
Screw thread	M.	6	8	10	12
Indivisible pck.	Pcs	50	50	25	15
2814D	Pack	63,50	94,70	72,10	69,50

SCU

2814D



Product description as Art. 2814A

With open eyelet.

Ø	mm	12	14	16	20
Length	mm	40	50	60	75
Screw thread	M.	6	8	10	12
Indivisible pck.	Pcs	50	50	25	15
2814E	Pack	65,50	92,70	74,10	72,60

SCU

2814E



Heavy steel type, with anti-rotation lugs, assures high tightness and safety. Suitable to fixing in compact materials such as concrete, stocks, marble, granite, etc.

With threaded bar, nut and washer.

Ø for length	mm	8x55	8x75	8x115	10x65	10x90	10x120	12x75
Thread length	mm	14	30	80	30	45	68	34
Indivisible pck.	Pcs	100	100	100	100	50	50	50
Max load on R 250	Kg	350	350	350	500	500	500	800
2814L	Pack	34,30	36,30	59,30	48,40	28,30	46,40	44,40
Ø for length	mm	12x110	12x145	16x110	16x175	20x170	20x220	
Thread length	mm	68	84	58	88	75	70	
Indivisible pck.	Pcs	50	40	25	20	10	10	
Max load on R 250	Kg	800	800	1200	1200	1900	1900	
2814L	Pack	57,50	54,00	50,40	56,50	56,50	66,50	

SCU

2814L



Product description as Art. 2814L

With blind nut and anti-rotation ring.

Ø for length	mm	8x65	8x80	10x75	10x110	12x85
Min bore depth	mm	50	50	60	60	70
Max use thickness	mm	15	30	15	50	15
Indivisible pck.	Pcs	50	50	50	50	50
Max load on R 250	Kg	350	350	500	500	800
2814P	Pack	133,00	196,00	203,00	282,00	282,00
Ø for length	mm	12x120	14x100	14x130	16x110	16x130
Min bore depth	mm	70	80	80	90	90
Max use thickness	mm	50	20	50	20	40
Indivisible pck.	Pcs	50	25	25	25	25
Max load on R 250	Kg	800	1000	1000	1200	1200
2814P	Pack	341,00	240,00	300,00	367,00	428,00

SCU

2814P



PERMANENT MAGNETS

Prod. SCU

Heat resistance: 450°C

In ALNICO alloy. Magnetic shielding assures a longer lasting magnetic charge. Impact-proof and heat-resistant outside protection.

Cylindric type with threaded non through hole.

Ø	mm	12,7	17,5	20,6	27	34	35	50
Height	mm	15,8	15,8	19	25,4	20	30	40
Thread bore Ø	M.	4	6	6	6	6	6	8
Magnetic force	Kg	1,5	2,5	4	9,5	14	19	45
2815A	Each	6,26	6,84	8,06	13,10	23,30	26,90	57,10

SCU

2815A



Product description as Art. 2815A

Cylindric type with threaded through hole.

Ø	mm	19	28,6	38
Height	mm	8	9,5	11,1
Thread bore Ø	M.	4	6	6
Magnetic force	Kg	2	3,5	15
2815B	Each	7,72	9,52	15,20

SCU

2815B



Product description as Art. 2815A

Cylindric type with threadless through hole and slot.

Ø	mm	12,7	19	25,4	31,7
Height	mm	9,5	12,7	15,9	25,4
Bore Ø	mm	4,7	5,4	4,8	7,5
Magnetic force	Kg	1	2	3	6,8
2815C	Each	5,78	8,14	14,40	26,10

SCU

2815C





2815E

SCU



Product description as Art. 2815A

Bridge-shaped type with 1 x through hole (Art. 2815 E 25-28.6) and 2 x through holes (Art. 2815 E 57-82.5).

Max length	mm	25	28,6	57	82,5
Overall height	mm	25	29	41	54
Max width	mm	40	45	70	80
Magnetic force	Kg	6,5	9	30	50
Bores Ø	mm	5	5,5	7,5	9,5
2815E	Each	27,70	40,70	163,00	293,00

2815F

SCU



Product description as Art. 2815A

U-bolt-shaped type.

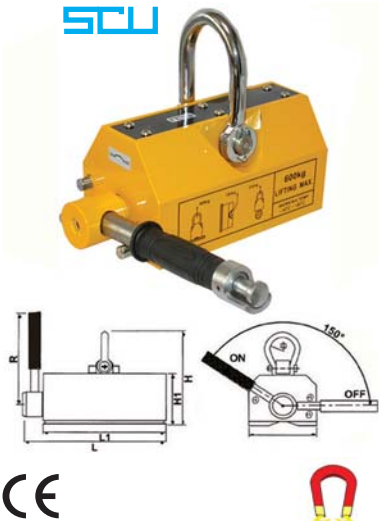
Height: 25.4mm. Thickness: 8mm.

2815F	Each	10,80
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PERMANENT MAGNETS FOR RAISING

2815Z

SCU



Prod. SCU

Powerful NEODIMIO magnet. Sturdy and compact lifting device with lifting hook and control lever for magnet activation/deactivation, with safety lock. Manufactured according to European safety standards. Suited to lift and handle cast iron, iron, steel flat and round parts, plates, bars, pipes, etc.

Plate max load capacity	Kg	300	600	1000	2000
Plate min. thickness	mm	20	30	40	55
Round max load capacity	Kg	100	200	330	1000
Round bar min. Ø	mm	50	70	75	100
Round bar max Ø	mm	300	400	450	600
Weight	Kg	10	20	38	95
Dimensions B	mm	92	120	156	210
Dimensions H	mm	178	220	277	333
Dimensions H1	mm	97	120	129	167
Dimensions L1	mm	160	210	312	443
Dimensions L	mm	210	260	350	490
Dimensions R	mm	175	220	280	380
Hook bore Ø dimensions	mm	45	56	57	68
2815Z	Each	538,00	897,00	1.790,00	3.590,00

To choose the right lifting capacity, see thickness, surface finish tables and air gap. (table section)

MAGNETIC BLOCKS

2816A

SCU



Prod. SCU

Heat resistance: 450°C

In ALNICO alloy, completely magnetised.

Cylindric-type.

Ø	mm	6	8	10
Height	mm	20	25	30
2816A	Each	2,36	3,58	5,38

2816B

SCU



Product description as Art. 2816A

Rectangular-type.

Width x thickness	mm	10x5	12,5x5	15x5	15x10
Height	mm	20	40	60	75
2816B	Each	3,58	7,16	10,80	19,60

PERMANENT CERAMIC MAGNETS

2817A

SCU



Prod. SCU

In ceramic material with metal coating.

Cylindric-type with fixing hole.

Ø	mm	45	53	71
Thickness	mm	10	10	15
Bore Ø	mm	4	4	10
Magnetic force	Kg	7	15	30
2817A	Each	10,60	13,90	16,30



Product description as Art. 2817A

Cylindric-type with external thread.

Ø	mm	22	32
Thickness	mm	6	7
Magnetic force	Kg	3	8
Ø x length threaded stem	M.	5x10	5x15
2817B	Each	5,20	7,00

SCU

2817B



SETS OF CLAMPING DEVICES

Prod. SCU

Set for CAVE mm 12:

2 pcs. x Art. 2828 L- R / 4 pcs. x Art. 2828 P / 4 pcs. x Art. 2822 C - 2828 C.
 2 pcs. x Art. 2829 A 12x80 complete with nuts and washers/ 4 pcs. x 2829 A 12x125 complete with nuts and washers.
 2 x pcs. Art. 2829 E 10x80 - 10x100 complete with nuts and washers.
 4 x pcs. Art. 2829 R 10 / 6 pcs. x Art. 2829 P12 / 4 pcs. x Art. 2829 F 10 / 6 pcs. x washers hole Ø: 13mm.

2821A Each **477,00**

SCU

2821A



Set for 14mm SLOT: 14mm:

2 pcs x Art. 2828 L- R / 4 pcs. Art. 2828 P / 4 pcs. x Art. 2822 E - 2828 C.
 2 pcs. x Art. 2829 A 14x100 complete with nuts and washers / 4 pcs. x Art. 2829 A 14x150 complete with nuts and washers.
 2 pcs. x Art. 2829 E 12x80 - 12x160 complete with nuts and washers.
 4 pcs. x Art. 2829 R 12 / 6 pcs. Art. 2829 P 14 / 4 pcs. x Art. 2829 F 12 / 6 pcs. x washers hole Ø: 15mm.

2821B Each **512,00**

SCU

2821B



Set for 16mm"CAVA":

2 pcs. x Art. 2828 L- R / 4 pcs. x Art. 2828 P / 4 pcs. x Art.2822 H - 2828 D.
 4 pcs. x Art. 2829 A 16x150 complete with nuts and washers/ 2 pcs. x 2829 A 16x150 complete with nuts and washers.
 2 pcs. x Art. 2829 E 14x100 - 14x150 complete with nuts and washers.
 4 pcs. x Art. 2829 R 14 / 6 pcs. x 2829 P 16 / 4 pcs. x 2829 F 14 / 6 pcs. x washers hole Ø: 17mm.
 Supplied in case.

2821E Each **597,00**

SCU

2821E



Set for 18mm SLOT:

2 pcs. x Art. 2828 L- R / 4 pcs. x Art. 2828 P / 4 pcs. x Art. 2822 H - 2828 D.
 4 pcs. x Art. 2829 A 18x150 complete with nuts and washers / 2 pcs. x Art. 2829 A 18x200 complete with nuts and washers.
 2 pcs. x Art. 2829 E 16x125 - 16x160 complete with nuts and washers.
 4 pcs. x Art. 2829 R 16 / 6 pcs. x Art. 2829 P 18 / 4 pcs. x Art. 2829 F 16 / 6 pcs. x washers hole Ø: 19mm.

2821F Each **648,00**

SCU

2821F

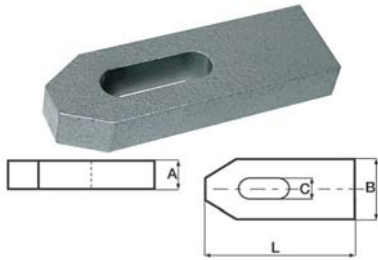




CLAMPING DEVICES

2822A
2822B
2822C
2822E
2822H
2822L
2822P
2822R
2822S
2822T

SCU



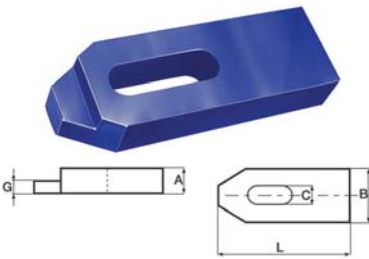
Prod. SCU

In special steel, hardened. Enamelled.
Simple construction - DIN 6314.

Art.	2822A	2822B	2822C	2822E	2822H
Bolts thread	M. 8	10	12-14	12-14	16-18
Groove (C) width	mm 9	11	14	14	18
Length (L)	mm 60	80	100	125	125
Thickness (A)	mm 12	15	20	20	25
Width (B)	mm 25	30	40	40	50
Each	7,86	8,62	11,90	14,10	18,10
Art.	2822L	2822P	2822R	2822S	2822T
Bolts thread	M. 16-18	20-22	20-22	24	24
Groove (C) width	mm 18	22	22	26	26
Length (L)	mm 160	160	200	200	250
Thickness (A)	mm 25	30	30	30	30
Width (B)	mm 50	60	60	70	70
Each	21,30	27,30	34,10	39,20	49,40

2823A
2823B
2823C
2823E
2823F
2823L
2823P
2823R

SCU

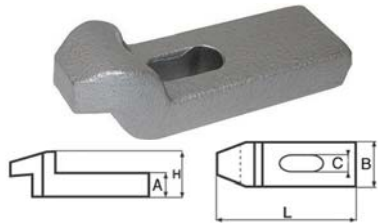


Product description as Art. 2822A
Simple construction, thin extremity.

Art.	2823A	2823B	2823C	2823E
Bolts thread	M. 8	10	12-14	12-14
Groove (C) width	mm 9	11	14	14
Length (L)	mm 60	80	100	125
Thickness (A)	mm 12	15	20	20
Width (B)	mm 25	30	40	40
End (G) thickness	mm 7	9	12	12
Each	12,80	13,70	17,10	22,50
Art.	2823F	2823L	2823P	2823R
Bolts thread	M. 16-18	16-18	20-22	20-22
Groove (C) width	mm 18	18	22	22
Length (L)	mm 125	160	160	200
Thickness (A)	mm 25	25	30	30
Width (B)	mm 50	50	60	60
End (G) thickness	mm 15	15	20	20
Each	22,20	26,30	35,60	35,80

2824A
2824B
2824C
2824D
2824E
2824F
2824L

SCU

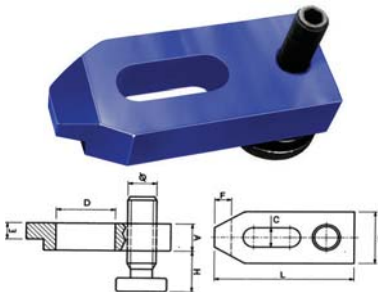


Product description as Art. 2822A
Simple construction, bent extremity - DIN 6316.

Art.	2824A	2824B	2824C	2824D	2824E	2824F	2824L
Bolts thread	M. 12-14	16-18	16-18	20-22	20-22	24	24
Groove (C) width	mm 14	18	18	22	22	26	26
Length (L)	mm 125	160	200	160	200	200	250
Thickness (A)	mm 20	25	25	30	30	35	35
Width (B)	mm 40	50	50	60	60	70	70
Overall height (H)	mm 40	50	50	60	60	70	70
Each	23,40	37,50	62,00	56,80	65,10	86,70	99,20

2824M
2824P
2824Q
2824R
2824S
2824T
2824V
2824Z

SCU



Product description as Art. 2822A
Simple construction, thin extremity and adjustable screw - DIN 6314AT.

Art.	2824M	2824P	2824Q	2824R
Bolts thread	M. 12-14	12-14	16-18	16-18
Groove (C) width	mm 15	15	19	19
Length (L)	mm 125	160	160	200
Thickness (A)	mm 20	20	25	25
Width (B)	mm 40	40	50	50
End (E) thickness	mm 12	12	15	15
Adjustable height (H)	mm 15-50	15-50	15-70	15-70
Screw diameter	mm 20x4	20x4	30x6	30x6
Each	32,10	35,30	40,90	44,30
Art.	2824S	2824T	2824V	2824Z
Bolts thread	M. 20-22	20-22	24	24
Groove (C) width	mm 23	23	27	27
Length (L)	mm 160	200	200	250
Thickness (A)	mm 30	30	40	40
Width (B)	mm 60	60	70	70
End (E) thickness	mm 15	15	25	25
Adjustable height (H)	mm 15-70	15-70	15-70	15-70
Screw diameter	mm 30x6	30x6	30x6	30x6
Each	47,70	52,80	63,10	69,90



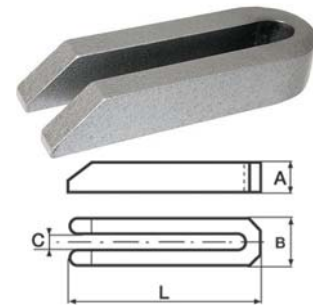
Product description as Art. 2822A

Grooved-type, chamfered - DIN 6315 B.

Art.		2825A	2825B	2825C	2825E	2825F	2825L
Bolts thread	M.	8	10	12-14	12-14	16-18	16-18
Groove (C) width	mm	9	11	14	14	18	18
Length (L)	mm	80	100	125	160	160	200
Thickness (A)	mm	15	20	25	25	30	30
Width (B)	mm	25	30	40	40	50	50
Each		13,10	15,30	16,10	16,70	18,90	21,20

Art.		2825P	2825R	2825RA	2825S	2825T
Bolts thread	M.	20-22	20-22	24	24	24
Groove (C) width	mm	22	22	26	26	26
Length (L)	mm	200	250	200	250	315
Thickness (A)	mm	40	40	40	40	40
Width (B)	mm	50	60	70	70	70
Each		29,10	36,20	32,50	40,30	59,30

SCU



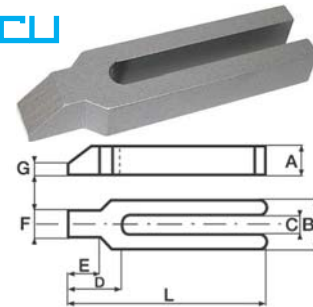
2825A
2825B
2825C
2825E
2825F
2825L
2825P
2825R
2825RA
2825S
2825T

Product description as Art. 2822A

Grooved-type, with pin.

Art.		2826A	2826B	2826C	2826E	2826L
Bolts thread	M.	8	10	12-14	16-18	20-22
Groove (C) width	mm	9	11	14	18	22
Length (L)	mm	100	125	160	200	250
Thickness (A)	mm	15	20	25	30	40
Width (B)	mm	30	30	40	50	60
Nib (F) width	mm	16	20	25	28	35
Each		17,40	21,10	26,10	36,80	60,70

SCU



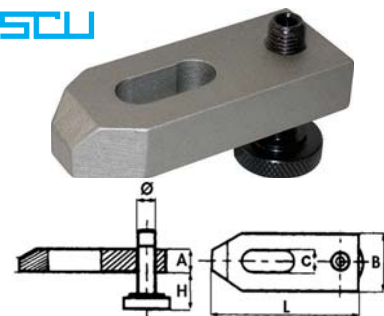
2826A
2826B
2826C
2826E
2826L

Product description as Art. 2822A

Simple construction type with adjusting screw - Similar to DIN 6314.

Art.		2827A	2827B	2827D	2827E
Bolts thread	M.	10	12-14	16-18	20-22
Groove (C) width	mm	11	14	18	22
Length (L)	mm	80	100	125	160
Thickness (A)	mm	15	20	25	30
Width (B)	mm	30	40	50	60
Adjustable height (H)	mm	8-28	10-32	13-40	18-60
Screw diameter	M.	10	12	16	20
Each		23,10	27,50	39,50	56,30

SCU



2827A
2827B
2827D
2827E

Product description as Art. 2822A

Curved-type, adjustable. Complete with screw for nuts, nut and washer. Suitable to tighten thick items in restricted areas.

Art.		2827GL	2827GP	2827GT
Length (L)	mm	140	140	175
Width (B)	mm	50	50	60
Height (H) up to	mm	50	75	85
Screw thread	M.	12x125	16x160	20x200
Bore (B1) Ø	mm	17	17	21
Each		99,60	111,00	153,00

SCU



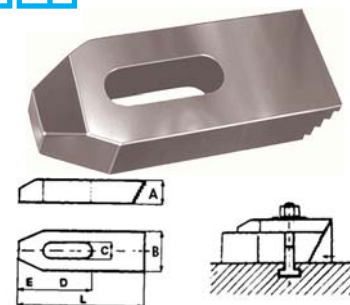
2827GL
2827GP
2827GT

Product description as Art. 2822A

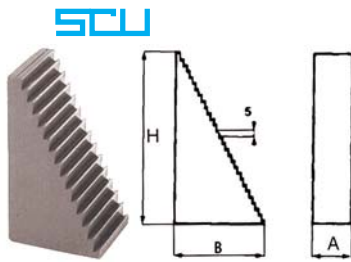
Simple construction, toothed extremity.

Art.		2828A	2828B	2828C	2828D	2828E	2828F
Groove (C) width	mm	9	11	14	18	22	26
Length (L)	mm	60	80	100	125	160	200
Thickness (A)	mm	15	15	20	25	30	30
Width (B)	mm	25	30	40	50	60	70
Screw thread	M.	8	10	12-14	16-18	20-22	24
Each		16,80	22,20	18,70	31,90	36,30	51,10

SCU

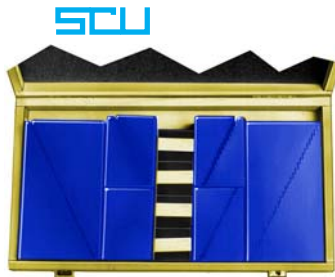


2828A
2828B
2828C
2828D
2828E
2828F


2828L
2828P
2828R


Toothed supports, particularly suitable to be used in combination with Art. 2828 A-B-C-D-E-F.

Art.	2828L	2828P	2828R
Thickness (C)	mm 30	30	30
Width (B)	mm 19,5	35	68
Overall height (A)	mm 32	64	128
Tooth height	mm 5	5	5
Each	8,68	15,80	22,20

2828S


Sets of toothed supports.

Each set contains:

8 pcs. x Art. 2828 L

8 pcs. x Art. 2828 P

4 pcs. x Art. 2828 R

Supplied in case.

2828S	Each	324,00
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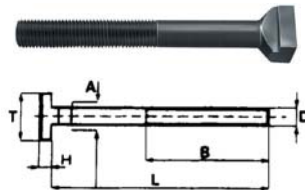
Available on request: couples of side clamps for contemporaneous vertical/horizontal clamping.

2829


In UNI 42 CrMo4 steel.

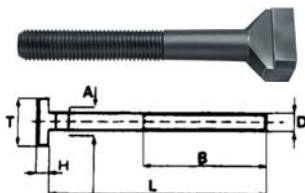
According to ASTM A 193-B7 standard - class 10.9 - Threaded bars with thread obtained by Length 1000 mm.

Thread	M.	6	8	10	12	14	16	18
2829	Each	6,64	7,68	11,30	13,20	18,80	23,90	27,30
Thread	M.	20	22	24				
2829	Each	34,10	42,60	54,60				

2829A


In special steel, hardened. Burnished. Screws for T-nuts - DIN 787.

Thread(D) x length(L)		8x32	8x50	8x80	10x40	10x63	10x100	12x63
Thread (B) length	mm	22	35	50	30	45	60	45
Body Ø (A)	mm	7,7	7,7	7,7	9,7	9,7	9,7	11,7
Head dimensions (TxH)	mm	13x6	13x6	13x6	15x6	15x6	15x6	18x7
2829A	Each	13,10	13,20	14,90	4,78	4,94	5,28	5,28
Thread(D) x length(L)		12x80	12x125	12x200	14x63	14x100	14x150	14x230
Thread (B) length	mm	55	75	120	40	65	100	150
Body Ø (A)	mm	11,7	11,7	11,7	13,7	13,7	13,7	13,7
Head dimensions (TxH)	mm	18x7	18x7	18x7	22x8	22x8	22x8	22x8
2829A	Each	5,46	5,80	6,48	5,46	5,80	6,30	7,68
Thread(D) x length(L)		16x80	16x100	16x160	16x250	18x150	18x200	20x80
Thread (B) length	mm	55	63	100	150	100	125	55
Body Ø (A)	mm	15,7	15,7	15,7	15,7	17,7	17,7	19,7
Head dimensions (TxH)	mm	25x9	25x9	25x9	25x9	28x10	28x10	32x12
2829A	Each	6,30	6,98	7,84	9,04	8,02	9,38	9,04
Thread(D) x length(L)		20x125	20x160	20x230	22x100	22x150	22x230	24x100
Thread (B) length	mm	85	110	150	63	100	150	70
Body Ø (A)	mm	19,7	19,7	19,7	21,7	21,7	21,7	23,7
Head dimensions (TxH)	mm	32x12	32x12	32x12	35x14	35x14	35x14	40x16
2829A	Each	10,30	11,10	15,40	13,70	15,40	18,80	15,40
Thread(D) x length(L)		24x160	24x250					
Thread (B) length	mm	110	150					
Body Ø (A)	mm	23,7	23,7					
Head dimensions (TxH)	mm	40x16	40x16					
2829A	Each	17,90	26,40					

2829B


Screws for T-nuts - DIN 787 (Oversize head).

Thread(D) x length(L)		12x50	12x80	12x125	14x63	14x100	14x160	16x100	16x160
Thread (B) length	mm	35	55	75	45	63	100	63	100
Body Ø (A)	mm	13,7	13,7	13,7	15,7	15,7	15,7	17,7	17,7
Head dimensions (TxH)	mm	22x8	22x8	22x8	25x9	25x9	25x9	28x10	28x10
2829B	Each	6,14	7,16	8,02	6,82	7,16	8,02	9,88	11,30
Thread(D) x length(L)		16x200	16x250	20x100	20x160	20x200	24x125	24x200	24x250
Thread (B) length	mm	125	150	63	110	125	85	125	150
Body Ø (A)	mm	17,7	17,7	21,7	21,7	21,7	27,7	27,7	27,7
Head dimensions (TxH)	mm	28x10	28x10	35x14	35x14	35x14	44x18	44x18	44x18
2829B	Each	12,10	13,70	15,50	18,30	20,10	19,80	24,20	29,70

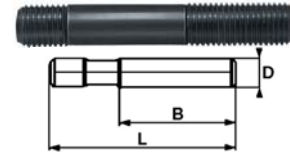


Threaded pins (stud bolts) DIN 6379.

Thread(D) x length(L)		6x40	6x60	6x80	8x40	8x63	8x80	8x125	10x50
Thread (B) length	mm	20	37	60	20	40	50	75	25
2829E	Each	0,74	0,82	1,08	0,92	1,00	1,28	1,82	1,12
Thread(D) x length(L)		10x80	10x100	10x160	12x63	12x80	12x100	12x125	12x200
Thread (B) length	mm	50	75	100	32	50	63	75	125
2829E	Each	1,34	1,64	2,28	1,78	1,94	2,14	2,30	3,08
Thread(D) x length(L)		14x63	14x100	14x160	14x200	16x100	16x160	16x200	16x250
Thread (B) length	mm	32	63	100	125	63	100	125	160
2829E	Each	1,80	2,06	2,88	3,36	2,74	3,86	4,52	4,94
Thread(D) x length(L)		18x80	18x160	18x200	20x125	20x160	20x200	20x250	22x100
Thread (B) length	mm	50	100	125	70	100	125	160	45
2829E	Each	2,74	4,26	4,94	4,10	4,94	5,80	6,82	4,26
Thread(D) x length(L)		22x160	22x200	22x250	24x160	24x200	24x250		
Thread (B) length	mm	100	125	160	100	125	160		
2829E	Each	6,14	6,82	8,52	6,48	7,50	9,20		

SCU

2829E

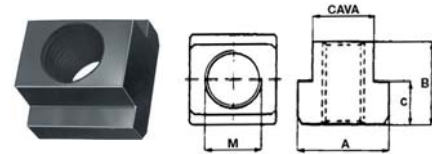


Threaded plugs for T-nuts, square - DIN 508.

Type		6	8	10	12	12A	14	16
Thread (M)	M.	6	8	10	12	12	14	16
Size (GROOVE)	mm	8	10	12	14	16	16	18
Plug dimensions (AxB)	mm	13x10	15x12	18x14	22x16	25x18	25x18	28x20
Height (C)	mm	6	6	7	8	9	9	10
2829F	Each	2,06	2,20	2,44	2,68	3,50	3,34	4,22
Type		16A	18	20	22	24		
Thread (M)	M.	16	18	20	22	24		
Size (GROOVE)	mm	20	20	22	24	28		
Plug dimensions (AxB)	mm	32x24	32x24	35x28	40x32	44x35		
Height (C)	mm	12	12	14	16	18		
2829F	Each	5,96	6,22	8,00	11,20	13,40		

SCU

2829F



Plugs for T-nuts, square, DIN 508 R.

Size (GROOVE)		8	10	12	14	16	18	20	22	24
Plug dimensions (AxB)	M.	13x10	15x12	18x14	22x16	25x18	28x20	32x24	35x28	40x32
Height "C"	mm	6	6	7	8	9	10	12	14	16
2829G	Each	1,54	1,54	1,70	2,04	2,56	3,08	4,26	5,46	8,52

SCU

2829G

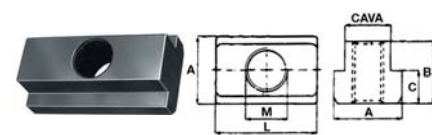


Threaded plugs for T-nuts, rectangular

Thread (M)	M.	8	10	12	14	16	18
Size (GROOVE)	mm	10	12	14	16	18	20
Plug dimensions (AxLxB)	mm	15x30x12	18x36x14	22x44x16	25x50x18	28x56x20	32x64x24
Height (C)	mm	6	7	8	9	10	12
2829L	Each	3,42	3,76	5,46	6,14	7,68	10,60
Thread (M)	M.	20	22	24			
Size (GROOVE)	mm	22	24	28			
Plug dimensions (AxLxB)	mm	35x70x28	40x80x32	44x88x36			
Height (C)	mm	14	16	18			
2829L	Each	14,50	20,50	27,30			

SCU

2829L



Threaded plugs for T-nuts, rhomboidal

Thread (M)	M.	10	12	14	16	18	20	24
Size (GROOVE)	mm	12	14	16	18	20	22	28
Plug dimensions (AxB)	mm	18x14	22x16	25x18	28x20	32x24	36x28	44x36
Height (C)	mm	7	8	9	10	12	14	18
2829M	Each	6,64	7,68	8,52	9,54	13,70	15,40	20,50

SCU

2829M



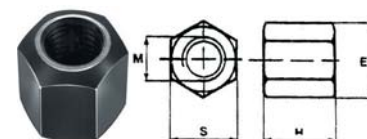
In special steel, hardened. Burnished.

Hexagon high nuts, lathed. DIN 6330 B.

Thread (M)	M.	6	8	10	12	14	16	18
Height x key opening (HxS)	mm	8x9	12x13	15x17	18x19	21x22	24x24	27x27
2829P	Each	0,66	0,68	0,84	1,08	1,36	1,72	2,42
Thread (M)	M.	20	22	24				
Height x key opening (HxS)	mm	30x30	33x32	36x36				
2829P	Each	2,88	3,94	5,02				

SCU

2829P

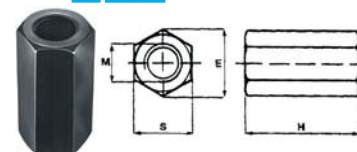


Nuts for threaded pins.

Thread (M)	M.	6	8	10	12	14	16	18
Height x key opening (HxS)	mm	18x10	24x13	30x17	36x19	42x22	48x24	54x27
2829R	Each	1,44	1,46	1,70	1,96	2,66	2,82	4,98
Thread (M)	M.	20	22	24				
Height x key opening (HxS)	mm	60x30	66x32	72x36				
2829R	Each	5,06	7,28	8,68				

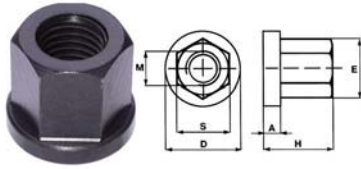
SCU

2829R





2829RA SCU



Nuts with washer

Thread (M)	M.	6	8	10	12	14	16	18
Height x key opening (HxS)	mm	9x10	12x13	15x17	18x19	21x22	24x24	27x27
Washer (D) Ø	mm	14	18	22	25	28	31	34
Washer (A) thickness	mm	3	3,5	4	4	4,5	5	5
2829RA	Each	1,44	1,54	1,72	2,10	2,70	3,22	6,10
Thread (M)	M.	20	22	24				
Height x key opening (HxS)	mm	30x30	33x32	36x36				
Washer (D) Ø	mm	37	40	45				
Washer (A) thickness	mm	6	6	6				
2829RA	Each	5,06	7,60	9,58				

2829S SCU



Convex washers, DIN 6319 C.

For screws	M.	6	8	10	12	14	16	20	24
Bore Ø	mm	6,4	8,4	10,5	13	15	17	21	25
Ext. Ø x length	mm	12x2,3	17x3,2	21x4	24x4,6	28x5	30x5,3	36x6,3	44x8,2
2829S	Each	0,70	0,82	0,98	1,20	1,44	1,72	2,02	2,88

2829T SCU



Wide washers, DIN 6340.

For screws	M.	6	8	10	12	14	16	18
Bore Ø	mm	6,4	8,5	10,5	13	15	17	19
Ext. Ø x length	mm	17x3	23x4	28x4	35x5	40x5	45x6	45x6
2829T	Each	0,48	0,56	0,74	0,90	1,06	1,28	1,44
For screws	M.	20	22	24				
Bore Ø	mm	21	23	25				
Ext. Ø x length	mm	50x6	50x8	60x8				
2829T	Each	1,78	2,44	3,16				

2829TA SCU



Turned washers

For screws	M.	6	8	10	12	14	16	18
Bore Ø	mm	6,6	8,4	10,5	13	15	17	19
Ext. Ø x length	mm	13x3,5	18x4	22x4	28x5	35x6	35x6	40x6
2829TA	Each	0,52	0,66	0,80	0,90	1,24	1,28	1,46
For screws	M.	20	22	24				
Bore Ø	mm	21	23	25				
Ext. Ø x length	mm	40x6	45x8	45x8				
2829TA	Each	1,46	1,70	1,88				

2829V SCU



Concave washers, DIN 6319 D.

For screws	M.	6	8	10	12	14	16	20	24
Bore Ø	mm	7,1	9,6	12	14,2	16,5	19	23,2	28
Ext. Ø x length	mm	12x2,8	17x3,5	21x4,2	24x5	28x5,6	30x6,2	36x7,5	44x9,5
2829V	Each	0,70	0,82	0,98	1,20	1,44	1,72	2,02	2,88

2829Z SCU



Concave washers, oversize DIN 6319 G.

For screws	M.	6	8	10	12	14	16	20	24
Bore Ø	mm	7,1	9,6	12	14,2	16,5	19	23,2	28
Ext. Ø x length	mm	17x4	23x4	28x5	35x5	40x5	45x6	50x8	60x10
2829Z	Each	1,20	1,28	1,46	1,54	1,70	2,04	4,44	4,94

2830A SCU



Screw-adjustable supports. Enamelled.

Max height	mm	50	70	100	140	210
Min height	mm	38	54	70	100	140
Base Ø x plate (Dxd)	mm	34x34	50x50	50x50	70x65	80x70
Max capacity	kN	20	60	60	105	180
Weight	Kg	0,19	0,62	0,90	2,60	4,60
2830A	Each	22,20	34,10	54,60	68,20	116,00

50mm size has no central hole.

2830B SCU



High-type. (ATLAS model).

Max height	mm	140	200	320	550
Min height	mm	100	140	200	320
Fastening groove (A) width	mm	18	18	22	22
Max capacity	kN	60	60	40	25
Weight	Kg	1,75	2,20	3,40	4,85
2830B	Each	85,20	111,00	154,00	213,00



Rods for Art. 2830 A (except 50mm) and 2830 B.

Shape	convex	
Support (B) Ø	mm	37
Height (A-C)	mm	18-8
2830E	Each	17,10

SCU

2830E



Product description as Art. 2830E

Shape	prismatic	
Support (B) Ø	mm	32
Height (A-C)	mm	23-8
2830L	Each	27,30

SCU

2830L



Product description as Art. 2830E

Shape	prismatic	
Support (B) Ø	mm	56
Height (A-C)	mm	38-8
2830M	Each	37,50

SCU

2830M



CLAMPING DEVICES

Prod. SCU

Secure and consistently high quality clamping devices. Double lever function, which does not allow any uncoupling during sealing. Galvanised steel with vinyl handle and stainless steel rivets. Comes complete with threaded hexagonal steel tip. Max. force expressed in daN.

Vertical type, flat base.

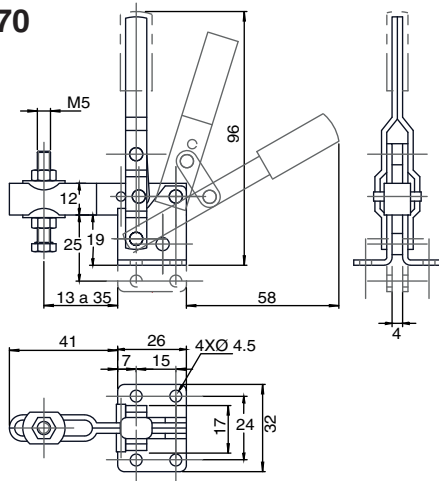
Max. force	daN	70	150	200	350	500	700
Threaded screw Ø	M	5	6	8	10	10	12
Hexagonal tip dimensions	mm	8	10	13	16	16	18
Weight	grams	100	190	340	780	1230	1700
2831GA	Each	21,50	23,40	32,40	39,10	50,90	53,60

SCU

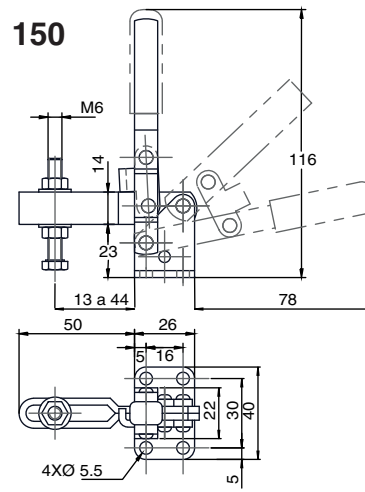
2831GA



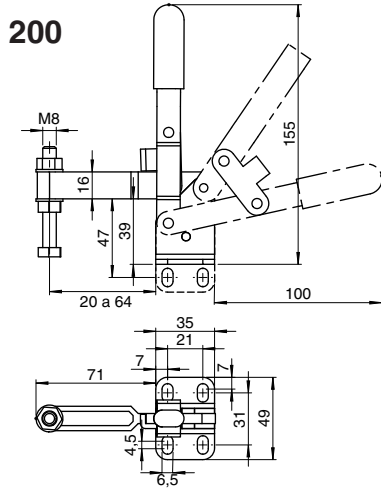
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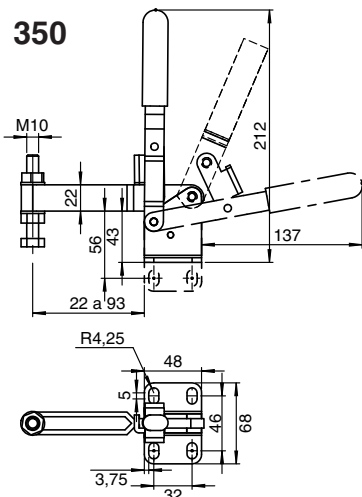
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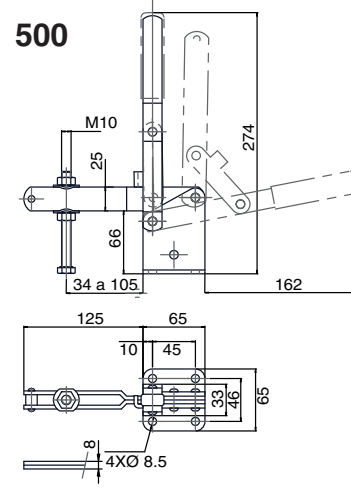
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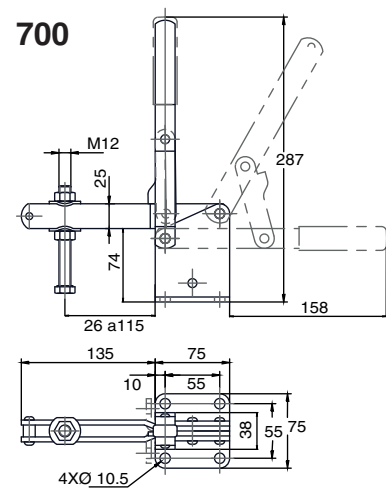
350



500

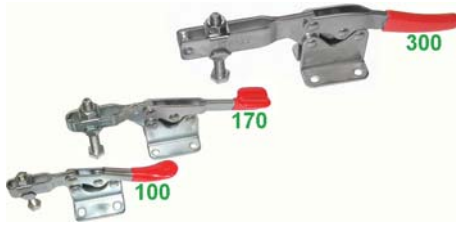


700



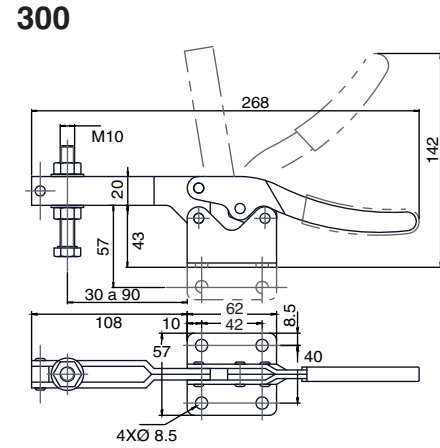
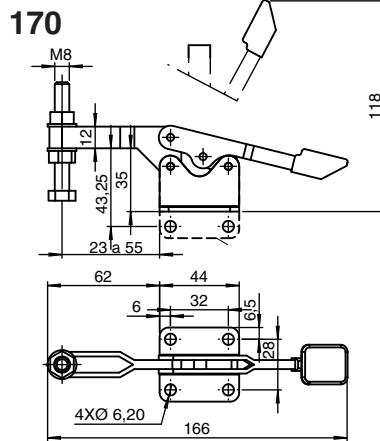
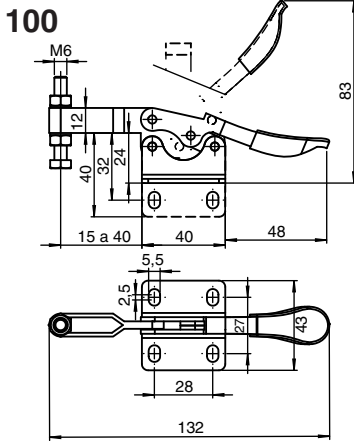


2831GE **SCU**



Product description as Art. 2831GA
Horizontal type, flat base.

Max. force	daN	100	170	300
Threaded screw Ø	M	6	8	10
Hexagonal tip dimensions	mm	10	13	16
Weight	grams	110	220	500
2831GE	Each	23,60	25,10	41,50

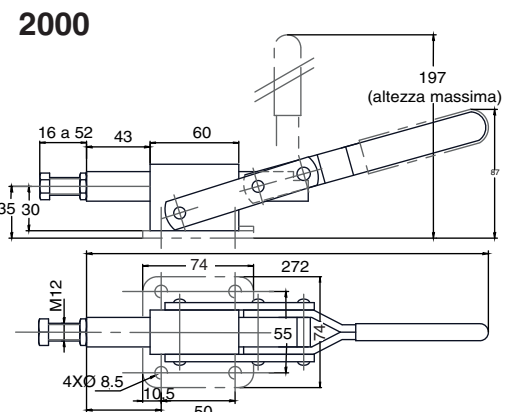
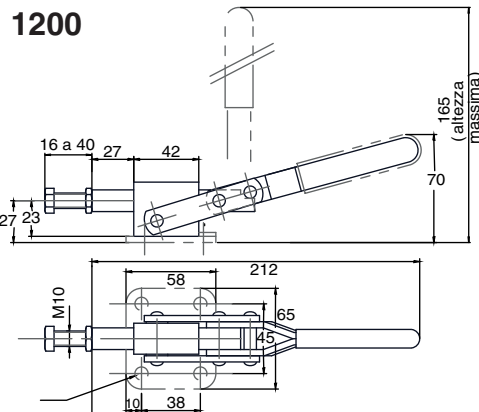
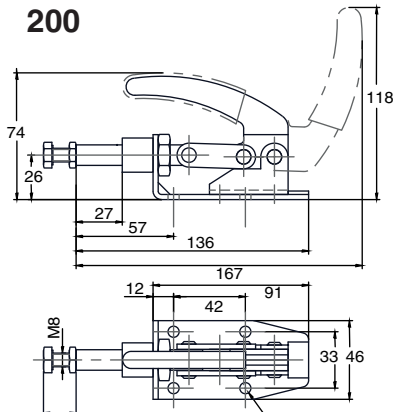


2831GL **SCU**

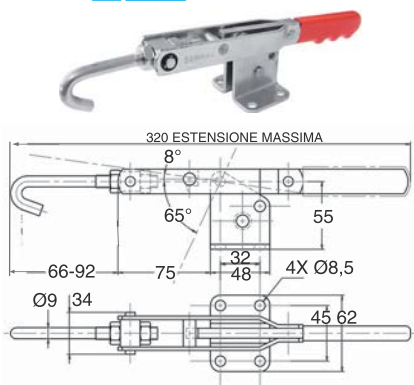


Product description as Art. 2831GA
Push-and-pull type, flat base.

Max. force	daN	200	1200	2000
Threaded screw Ø	M	8	10	12
Hexagonal tip dimensions	mm	13	16	18
Weight	grams	400	650	1500
2831GL	Each	36,80	86,20	120,00



2831GP **SCU**



Secure and consistently high quality clamping devices. Double lever function, which does not allow any uncoupling during sealing. Galvanised steel with vinyl handle and stainless steel rivets. Max. force expressed in daN.

Tie rod type with hook, flat base.

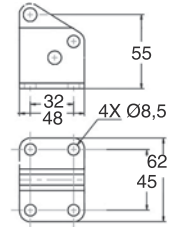
Max. force	daN	350
Tie-rod Ø	mm	9
Tie rod stroke	mm	26
Weight	grams	714
2831GP	Each	54,40



Galvanised steel.
Supporting attachment as for Art. 2831 GP.
Weight 225 grams.

2831GR	Each	17,70
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SCU



2831GR

Prod. SCU - Orig. AMF

High quality safe clamping devices. Double lever operated to avoid release during clamping. In galvanized steel, with oil-proof handle, hardened and ground support sockets. Complete with screw and shoe in sturdy hard rubber. Min. and max. holding forces (F1-F2) expressed in Newton (N).

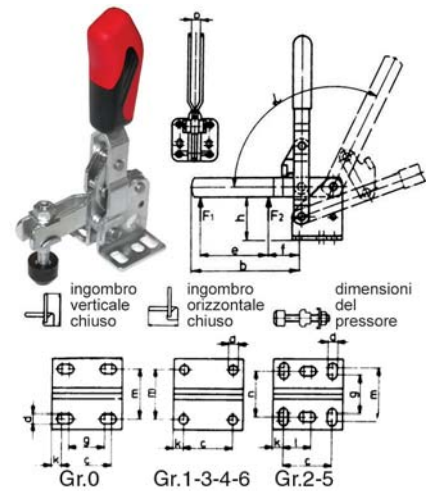
Vertical type, plane base.

Size		0	1	2	3	4	5	6
Force min F1	N	500	800	1000	1400	2000	3000	3500
Max. force F2	N	700	1100	1200	2500	3000	5000	5500
Vert. Dimens. as closed	mm	90	105	144	206	230	300	347
Horiz. Dimens. as closed	mm	49	60	82	112	140	195	230
Presser dimensions	mm	M 4x25	M 5x30	M 6x35	M 8x45	M 8x65	M 12x80	M 12x110
Weight	grams	60	105	175	410	630	1480	2200
2832GA	Each	29,30	31,90	40,60	49,10	64,20	104,00	135,00

DIMENSIONI: (mm)

Gr.	a	b	c	d	e	f	g	h	k	l	m	n	α
0	4	31	13,5	4,5	16	10	8,5	17,5	4,3	-	23	-	95°
1	5	38	16	4,5	19	14	-	20	5,5	-	24	-	95°
2	6	51	20	5,5	25	20	24	25	6	12,5	30	27	105°
3	8	80	20	7,1	43	27	-	34	7,5	-	32	-	105°
4	10	100	32	8,5	61	30	-	42	13	-	45	-	105°
5	14	142	45	8,5	88	40	45	55	9,5	31,5	50	45	115°
6	14	165	50	13	90	55	-	81	24,5	-	70	-	105°

SCU



2832GA

Product description as Art. 2832GA

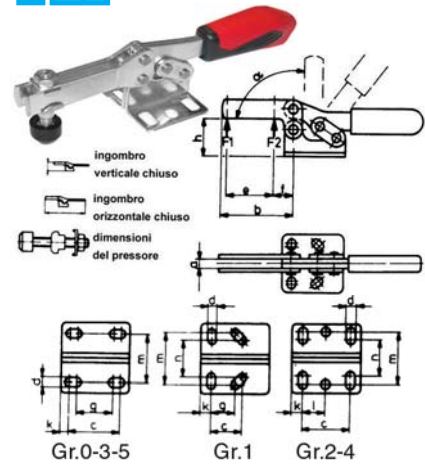
Horizontal type, plane base.

Size		0	1	2	3	4	5
Force min F1	N	250	800	1000	1800	2000	3000
Max. force F2	N	400	1100	1200	2500	3000	5000
Vert. Dimens. as closed	mm	23	30	44	48	74	71
Horiz. Dimens. as closed	mm	86	130	176	221	293	338
Presser dimensions	mm	M 4x25	M 5x30	M 6x35	M 8x45	M 8x65	M 8x65
Weight	grams	35	105	185	320	700	1080
2832GF	Each	25,20	36,50	39,60	50,10	61,80	98,50

DIMENSIONI: (mm)

Gr.	a	b	c	d	e	f	g	h	k	l	m	n	α
0	4	26	16	4,6	11	10	11,2	15	5	-	16	-	90°
1	5	40	15	4,8	26	11	13	20	5,5	-	22	18	90°
2	6	64	26	5,5	35	22	-	25	6	12,7	29	20	90°
3	8	72	25,5	6,5	44	22	-	33	7	-	29	23	90°
4	10	111	41	8,5	66	34	-	44	8	20,5	43	29	90°
5	10	121	41,5	8,5	78	30	41,5	46	12,5	-	41,5	-	90°

SCU



2832GF

9



2832GL **SCU**

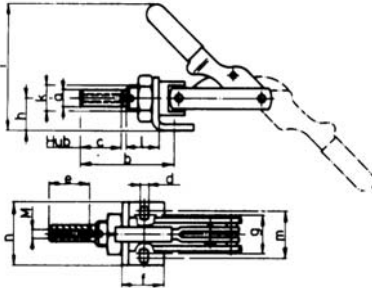


Product description as Art. 2832GA
Thrust and traction type, plane base.

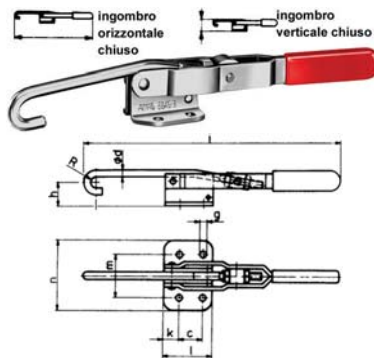
Size	0	1	2	3	5	
Force min F1	N 800	1000	2000	2500	4500	
Max. force F2	N 800	1000	2000	2500	4500	
Vert. Dimens. as closed (i)	mm 46	60	95	108	131	
Horiz. Dimens. as closed	mm 96	121	165	190	239	
Presser dimensions	mm M 4x20	M 4x20	M 6x25	M 8x35	M 12x50	
Weight	grams 65	125	325	445	880	
2832GL	Each	53,30	54,80	60,30	68,50	107,00

DIMENSIONI: (mm)

Gr.	Ø a	b	c	d	e	f	g	h	k	l	m	n	M
0	6,5	33	16	4,5	13	16	16	12	M 10x1	10	16	25	M 4
1	8	44,5	20	4,5	20	20	16	15	M 12x1,5	16	19	30	M 4
2	10	57,5	25	5,5	25	28	-	20	M 16x1,5	19	36	50	M 6
3	12	69	32	6,5	30	30	30	25	M 20x1,5	22	42	60	M 8
5	16	81,5	40	8,5	50	35	30	30	M 24x1,5	25	45	65	M 12



2832GP **SCU**

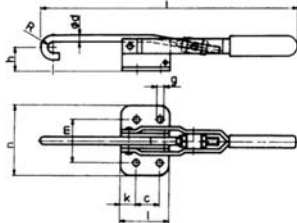


Product description as Art. 2832GA
Threaded rod type, plane base.

Size	1	3	5	
Max. force F2	N 2000	3000	5000	
Tie rod stroke	mm 5	12	12	
Vert. Dimens. as closed	mm 33	36	70	
Horiz. dimens. closed (i)	mm 148	242	320	
Weight	grams 100	270	850	
2832GP	Each	52,30	58,10	89,10

DIMENSIONI: (mm)

Gr.	b	c	d	g	h	k	l	m	n	R
1	36 - 41	19	5,3	4,5	22,5	6	31	28	41	4,5
3	67 - 79	19	7,1	5,5	23	13	40	32-35	46	5,5
5	58 - 70	29	12	11	49	13	55	60	88	8



2832GS **SCU**

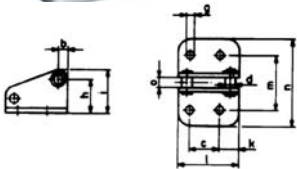


Product description as Art. 2832GA
Supports for Art. 2832 GP.

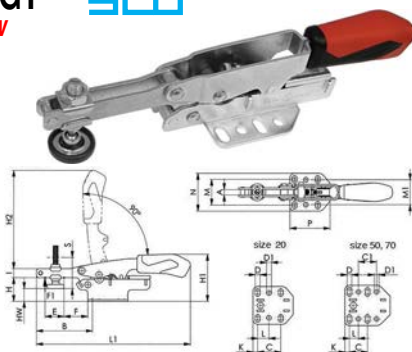
Size	1	3	5	
Vert. Dimens. as closed (i)	mm 29	29	61	
Horiz. Dimens. closed (l)	mm 31	40	55	
Weight	grams 40	70	320	
2832GS	Each	19,40	23,10	28,60

DIMENSIONI: (mm)

Gr.	b	c	d	g	h	k	m	n	o
1	6	19	8	4,5	22,5	6	28	41	6,8
3	6	19	10	5,5	23	13	32-35	46	10,8
5	12	29	15	11	49	13	60	89	13,7



2832GT **SCU**
new



Clamping devices with CONTINUOUS COMPENSATION function. For workpieces with different heights / clamping strokes. TORQUE ADJUSTMENT. In galvanized and passivated steel with oil resistant handle; hardened and ground bearing bushes. Pressure screw retaining pin. Complete with screw and tilting tip covered in durable hard rubber. Max force (F1) expressed in kN.

Horizontal type, plane base.

Size	20	50	70	
Force max	kN 2	3	3	
Vertical dimens. closed	mm 53	58,5	76,5	
Horiz. Dimens. as closed	mm 173	244	243	
Automatic height compensation (s)	mm 20	35	35	
Max height compensation	mm 35	40	60	
Presser dimensions	mm M 6x40	M 8x39	M 8x55	
Weight	grams 272	499	544	
2832GT	Each	47,60	49,30	50,80

DIMENSIONI: (mm)

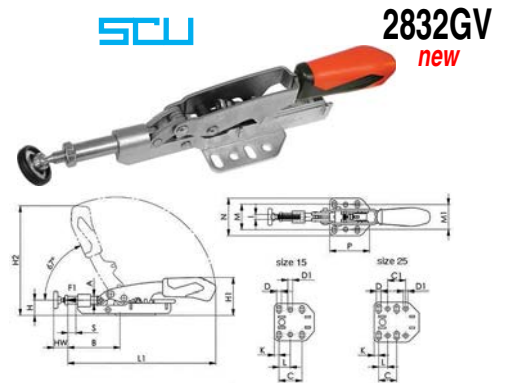
Gr.	A	B	C	C1	D	D1	E	F	H	H1	H2	HW min	HW max	I	K	L	L1	M	M1	N	P
20	6	63	26	-	5,5	5,5	22	26	27	53	111	-6,5	14	10	5,3	12,7	173	26 - 32	28	42,5	45
50	8,4	104	25,4	25,4	6,5	6,5	35	22	23	58,5	158	-8,5	6	13	6,3	12,7	244	32 - 44	38	57	63,5
70	8,4	104	25,4	25,4	6,5	6,5	35	50	40,5	76,5	158	-6,5	24	13	6,3	12,7	243	32 - 44	38	57	63,5



Product description as Art. 2832GT

Thrust type, plane base.

Size		15	25
Force max	kN	2	3
Vertical dimens. closed	mm	42	59
Horiz. Dimens. as closed	mm	179	253
Automatic height compensation (s)	mm	8	13
Max height compensation	mm	25	35
2832GV	Each	49,10	51,80



DIMENSIONI: (mm)

Gr.	A	B	C	C1	D	D1	H	H1	H2	HW min	HW max	I	K	L	L1	M	M1	N	P
15	8,5	50 - 59	26	-	5,5	5,5	17,5	42	124	12	29	M6	5,3	12,7	167	26 - 32	28	42,5	45
25	11,8	67 - 92	25,4	25,4	6,5	6,5	23	59	170	17	39	M8	6,3	12,7	236	32 - 44	38	57	63,5

CLAMPING DEVICES IN STAINLESS STEEL

Prod. SCU - Orig. AMF

High quality safe clamping devices. Double lever operated to avoid release during clamping. In galvanized steel, with oil-proof handle, hardened and ground support sockets. Complete with screw and shoe in sturdy hard rubber. Suitable for chemical and food industries, where special hygienic conditions are required and for critical applications due to unfavorable climatic conditions where particularly aggressive coolants are used. Min. and max. holding forces (F1-F2) expressed in Newton (N).

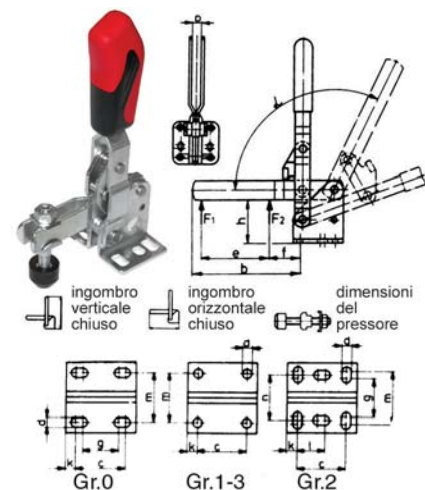
Vertical type, plane base.

Size		0	1	2	3
Force min F1	N	500	800	1000	1400
Max. force F2	N	700	1100	1200	2500
Vert. Dimens. as closed	mm	90	105	144	206
Horiz. Dimens. as closed	mm	49	60	82	112
Presser dimensions	mm	M 4x25	M 5x30	M 6x35	M 8x45
Weight	grams	60	105	175	335
2834GA	Each	52,30	60,50	73,80	103,00

DIMENSIONI: (mm)

Gr.	a	b	c	d	e	f	g	h	k	l	m	n	α
0	4	31	13,5	4,5	16	10	8,5	17,5	4,3	-	23	-	95°
1	5	38	16	4,5	19	14	-	20	5,5	-	24	-	95°
2	6	51	20	5,5	25	20	24	25	6	12,5	30	27	105°
3	8	80	20	7,1	43	27	-	35	7,5	-	32	-	105°

SCU INOX 2834GA



Product description as Art. 2834GA

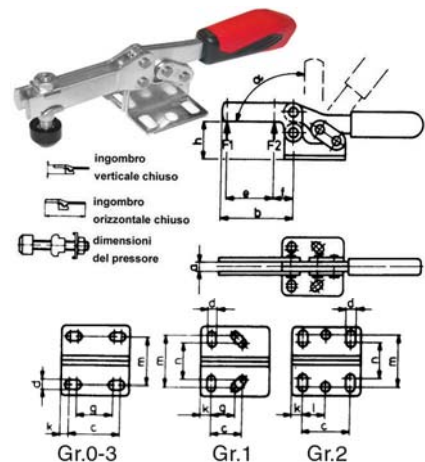
Horizontal type, plane base.

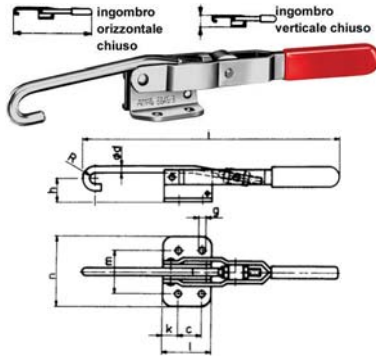
Size		0	1	2	3
Force min F1	N	250	800	1000	1800
Max. force F2	N	400	1100	1200	2500
Vert. Dimens. as closed	mm	22	30	44	48
Horiz. Dimens. as closed	mm	85	130	176	221
Presser dimensions	mm	M 4x25	M 5x30	M 6x35	M 8x45
Weight	grams	35	105	185	320
2834GB	Each	45,90	65,10	72,50	89,10

DIMENSIONI: (mm)

Gr.	a	b	c	d	e	f	g	h	k	l	m	n	α
0	4	26	16,0	4,3	11	10	11,2	15	4,0	-	16	-	90°
1	5	40	15,0	4,8	26	11	13,0	20	5,5	-	22	18	90°
2	6	64	26,0	5,5	35	22	-	25	6,0	12,7	29	20	90°
3	8	72	25,5	6,5	44	22	-	33	7,0	-	29	23	90°

SCU INOX 2834GB




2834GL SCU INOX


Product description as Art. 2834GA

Threaded rod type, plane base.

Size		1	3	5
Max. force F2	N	1000	1500	2500
Tie rod stroke	mm	5	12	12
Vert. Dimens. as closed	mm	33	36	70
Horiz. dimens. closed (i)	mm	148	242	320
Weight	grams	100	270	850
2834GL	Each	91,60	101,00	166,00

DIMENSIONI: (mm)

Gr	b	c	d	g	h	k	l	m	n	R
1	36 - 41	19	6	4,5	22,5	6	31	28	41	4,5
3	67 - 79	19	8	5,5	23	13	40	32-35	46	5,5
5	58 - 70	29	12	11	49	13	55	60	88	8

2834GM SCU INOX


Product description as Art. 2834GA

Supports for Art. 2834 GL.

Size		1	3	5
Vert. Dimens. as closed (i)	mm	29	29	61
Horiz. dimensions as closed (l)	mm	31	40	55
Weight	grams	40	70	320
2834GM	Each	48,10	55,50	75,70

DIMENSIONI: (mm)

Gr.	b	c	d	g	h	k	m	n	o
1	6	19	8	4,5	22,5	6	28	41	6,8
3	6	19	10	5,5	23	13	32-35	46	10,8
5	12	29	15	11	49	13	60	89	13,7

HAND VICES
2835GB SCU


Prod. SCU

In forged steel. Knurled handle and through hole. Finely polished.

With narrow jaws.

Overall length	mm	115	130
Jaws width	mm	8	8
2835GB	Each	28,60	30,70

Product running out of stock.

2836G SCU


In forged steel. Hardened jaws.

Inner spring. Zinc finish.

Sturdy model. Thumb locking.

Overall length	mm	85	100	120	130	145	160	180	200
Jaws width	mm	32	36	40	42	50	52	55	62
Max opening	mm	16	18	22	25	28	30	35	45
Weight	grams	200	280	420	530	660	910	1210	2000
2836G	Each	29,20	29,70	33,40	38,10	44,20	49,90	73,90	105,00

Locking thumb screws for Art. 2836 G.

For terminals	mm	85	100	120	130	145	160	180	200
O2836G	Each	13,60	15,20	16,40	17,10	18,20	20,40	24,30	30,70

2836GE SCU


Product description as Art. 2836G

Heavy model. Thumb locking.

Overall length	mm	145	160	180	200
Jaws width	mm	50	58	62	65
Max opening	mm	35	40	45	55
Weight	grams	1150	1400	2000	2300
2836GE	Each	66,50	74,60	98,40	130,00

Locking thumb screws for Art. 2836 GE.

For terminals	mm	145	160	180	200
O2836GE	Each	24,30	29,80	30,70	36,50



Product description as Art. 2836G

Heavy model. Thumb locking

Overall length	mm	180	200
Jaws width	mm	62	65
Max opening	mm	45	55
Weight	grams	2200	2500
2836GP	Each	123,00	158,00

Screws with nut for Art. 2836 GP.

For terminals	mm	180	200
O2836GP	Each	30,70	36,50

SCU

2836GP



Product description as Art. 2836G

Narrow tipped model. Thumb locking.

Overall length	mm	100	120	150
Jaws width	mm	12	14	16
Max opening	mm	18	20	28
Weight	grams	240	430	550
2837G	Each	29,20	33,10	47,20

SCU

2837G



HAND VICES

Prod. SCU

Suitable to rapidly fix workpieces that have to be processed in series and for strong clamping.

In special steel.

Size		1	2	3	4	5	6	7
Max opening (A)	mm	25	50	75	110	150	240	255
Min/max depth (B-C)	mm	15/17	35/40	35/50	60/75	60/85	80/135	150/190
Jaws side (D)	mm	8	12	22	22	22	32	32
Weight	grams	30	170	500	900	1400	3300	4850
2840G	Each	49,80	59,60	79,30	93,10	148,00	400,00	578,00

SCU

2840G



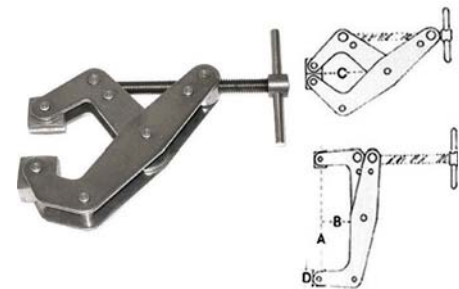
Product description as Art. 2840G

In rust-proof, stainless steel.

Size		1	2	3
Max opening (A)	mm	25	50	75
Min/max depth (B-C)	mm	15/17	35/40	35/50
Jaws side (D)	mm	8	12	22
Weight	grams	40	220	600
2842G	Each	103,00	135,00	193,00

SCU

2842G



PRECISION VICES

Prod. SCU

MINI precision type.

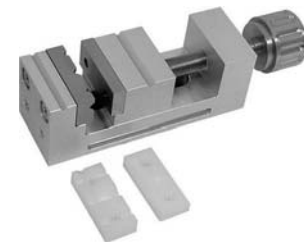
In finely worked matt anodized aluminum alloy for precise positioning of small parts in fine mechanics, electronics and jewelery.

Interchangeable stainless steel jaws with the possibility of mounting plastic jaws. 1 pair supplied With screws for bench and support mounting.

Jaws width	mm	25	35
Working depth	mm	15	21
Useful opening	mm	23	32
Weight	Kg	0,152	0,400
2844G	Each	200,00	278,00

SCU

2844G
new



SWIVEL PRECISION VICES

Prod. SCU

High precision model, professional.

In aluminium casting, finely worked sliding parts for rapid and safe positioning. Interchangeable jaws in aluminium, knurled. Possibility to mount plastic jaws supplied as accessory. Ideal for applications in fine mechanics, electronics, goldsmith, etc.

Bench fixing screws (weight: 1.7kg).

Jaws width	mm	46
Working depth	mm	35
Useful opening	mm	70
2845G	Each	242,00

SCU

2845G



**2846G****SCU**

Product description as Art. 2845G

Bench fixing clamp (weight: 2kg).

Jaws width	mm	46
Working depth	mm	35
Useful opening	mm	70
Terminal opening	mm	80

2846G	Each	242,00
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Spare aluminium jaws for Art. 2845 G-2846 G.

O2847GA	Per pair	15,10
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Plastic jaws for Art. 2845 G-2846 G.

O2847GB	Per pair	15,10
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2850G**SCU**

To be used with electronic cards. In aluminium casting, finely worked sliding parts for safe and rapid positioning.

Adjustable lateral posts and card holding with spring guides.

Bench fixing with clamp.

Uprights max opening	mm	165
Uprights max depth	mm	80
Weight	Kg	1,7
Terminal opening	mm	80

2850G	Each	177,00
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Product running out of stock.**CLAMPING BENCH VICES****2853G****SCU**

Prod. SCU

Swivel type. In high resistance special cast iron and hardened steel inserted jaws. Suitable to goldsmiths, watchmakers and fine mechanics. Revolving basement and bench fixing with clamp.

Jaws width	mm	50
Max jaws opening	mm	45
Weight	Kg	2,5
Terminal opening	mm	45

2853G	Each	34,40
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2853GL
2853GP**KANCA**

Orig. KANCA - Art. CASTILLO

Swivel type, parallel vice with anvil. Body made from spheroid cast iron, high resistance; milled jaws and large induction hardened anvil (52-58 HRC). Bench fixing with clamp.

Art.	2853GL	2853GP
Jaws width	mm 50	75
Max jaws opening	mm 35	45
Weight	Kg 0,9	1,7
Terminal opening	mm 40	45
Each	60,40	79,40

BENCH VICES**2853T****SCU****ALTRE MISURE**

Prod. SCU

Fixed type. Completely in steel.

Milled and hardened jaws, additionally hardened wide anvil. Guide double adjusting screw .

Jaws width	mm	80	110	130	150
Max opening	mm	100	115	135	150
Weight	Kg	2,7	7	10	13
2853T	Each	111,00	122,00	153,00	204,00



Boley type.
Body in semisteel cast iron, hardened steel jaws.
Very good execution, sturdy and precise.

Fixed vice.

Jaws width	mm	80	100P	120P	150
Max opening	mm	110	140	185	220
Weight	Kg	6	11	18	25
2854	Each	146,00	204,00	295,00	409,00

SCU

2854



Orig. KANCA - Art. CASTILLO

Professional model. Body made from spheroid cast iron, high resistance; milled jaws and large induction hardened anvil (52-58 HRC).

Precise screw drive, interchangeable, in forged steel.

Fixed vice.

Jaws width	mm	100	125	150	200
Max opening	mm	125	150	170	195
Weight	Kg	6,5	9,15	16	21,5
2854E	Each	99,30	132,00	189,00	273,00

KANCA

2854E



Prod. SCU

LEAD JAWS FOR VICES

Jaws width	mm	100	120	150
2855	Per pair	15,10	17,60	21,60

SCU

2855



COPPER JAWS FOR VICES

Jaws width	mm	100	120	150
2855B	Per pair	38,80	45,60	53,80

SCU

2855B



SPECIAL MAGNETIC JAWS FOR VICES

Prod. SCU

Equipped with NEW ENHANCED MAGNETS assuring jaw fixing to any kind of processed pieces. Assure firmly tightening of even delicate items without damage. Widely used in carpentry, maintenance, hydraulics, etc.

Aluminium type with 6 horizontal slightly deep grooves and 1 central deeper horizontal groove. Ideal to tighten even irregular-shaped workpieces or round components such as pipes, rod iron, etc. Longitudinal magnet.

Jaws length	mm	100	120	125	150
2855CM	Per pair	33,90	36,10	36,10	38,10

In combination with jaws Art. 2855 FM to tighten taper sleeves.

SCU



2855CM



Product description as Art. 2855CM

Aluminium type with 2 horizontal slightly deep grooves, 2 deeper horizontal grooves and 3 vertical groove on each jaw in order to place the pieces in various working positions. Ideal to tighten even round components such as pipes, rod iron, etc. Longitudinal magnet.

Jaws length	mm	100	120	125	150
2855DM	Per pair	38,10	42,40	42,40	44,50

SCU



2855DM



Product description as Art. 2855CM

Aluminium type, with smooth laminated fibre coating to avoid tightening indentations or deformations on the workpiece to be processed while assuring a high clamping capacity. Longitudinal magnet.

Jaws length	mm	100	120	125	150
2855EM	Per pair	38,10	42,40	42,40	46,80

SCU



2855EM



**2855FM**

Product description as Art. 2855CM

Aluminium type, with three-layer smooth syntetic rubber coating (hardness: 85 Shores) to reduce elasticity. Jaws adapt to the shape of the workpiece to be processed and assure a very good clamping with min. jaw pression. Particularly used to perform finish applications. Longitudinal magnet.

Jaws length	mm	100	120	125	150
2855FM	Per pair	38,10	42,40	42,40	46,80

In combination with jaws Art. 2855 CM to tighten taper sleeves.

UNIVERSAL BENCH VICES, BENCH VICES FOR INSTALLERS

2855GA

Orig. KANCA - Art. K2

Fixed type.

Vice parallel to anvil, sturdy and stable double profile guide.

Completely in forged steel. Indestructible, milled jaws and additionally hardened clamping tables.

Side double adjusting screw for a perfect centering and parallel jaw sliding.

Provided with fixed jaws for pipes. Ideal for industrial applications and for installers.

Fixed vice.

Jaws width	mm	100	120	140	160
Opening	mm	125	150	200	225
Height in guides and jaws	mm	55	70	87	107
Jaws for tubes by	mm	16-40	16-58	18-80	18-98
Weight	Kg	5	9	16	26
2855GA	Each	178,00	209,00	289,00	395,00

2855GL

Orig. KANCA

Swivel type.

Vice parallel to anvil, sturdy and stable double profile guide.

Completely in forged steel. Indestructible, milled jaws and additionally hardened clamping tables.

Side double adjusting screw for a perfect centering and parallel jaw sliding.

Provided with fixed jaws for pipes. Ideal for industrial applications and for installers.

Vice with swivel basement.

Jaws width	mm	100	120	140	160
Opening	mm	125	150	200	225
Height in guides and jaws	mm	55	70	87	107
Jaws for tubes by	mm	16-40	16-58	18-80	18-98
Weight	Kg	6,5	11,5	19	31
2855GL	Each	246,40	291,00	390,00	511,00

Swiveling base only, for Art. 2855 GA and 2855 GL.

For vices	mm	100	120	140	160
O2855GP	Each	68,40	82,00	101,00	116,00

BENCH VICES, BENCH VICES FOR INSTALLERS

2856GA

Orig. KANCA - Art. FORTISSIMO FIX

Fixed type.

Vice parallel to anvil.

Completely in forged steel.

Indestructible, milled jaws and additionally hardened clamping tables. Anvil with wide working table, additionally hardened. Precision guide with side adjustment for a perfect centering and parallel jaw sliding.

Provided with fixed jaws for pipes.

Fixed vice.

Jaws width	mm	115	125	135	150	175	200
Opening	mm	140	160	170	190	205	205
Height in guides and jaws	mm	70	75	85	100	105	105
Jaws for tubes by	inch	3/8-1.1/2	3/8-1.1/2	3/8-1.1/2	3/8-2.1/2	3/8-3	3/8-3
Weight	Kg	8	9,5	14	19	25	27
2856GA	Each	201,00	243,00	277,00	329,00	420,00	456,00



Orig. KANCA

Swivel type.
Vice parallel to anvil.
Completely in forged steel.
Indestructible, milled jaws and additionally hardened clamping tables. Anvil with wide working table, additionally hardened. Precision guide with side adjustment for a perfect centering and parallel jaw sliding.
Provided with fixed jaws for pipes.
Vice with swivel basement.

Jaws width	mm	115	125	135	150	175	200
Opening	mm	140	160	170	190	205	205
Height in guides and jaws	mm	70	75	85	100	105	105
Jaws for tubes by	inch	3/8-1.1/2	3/8-1.1/2	3/8-1.1/2	3/8-2.1/2	3/8-3	3/8-3
Weight	Kg	8,6	10,3	15	20,4	27,6	29,6
2856GL	Each	267,10	313,70	349,90	408,80	504,30	540,30

Swiveling base only, for Art. 2856 GA and 2856 GL.

For vices	mm	115	125	135	150	175	200
O2856GM	Each	66,10	70,70	72,90	79,80	84,30	84,30



2856GL



UNIVERSAL BENCH VICES

Orig. KANCA - Art. FORTISSIMO

Fixed type.
Vice parallel to anvil.
Completely made from forged steel.
Indestructible, milled jaws and additionally hardened clamping tables. Anvil with wide work surface, additionally hardened. Precision guide with side adjustment for perfect centring and parallel jaw sliding.
Connection for interchangeable collapsible jaws Art. 2861 GA/B (except size 100 and 200mm).

Fixed vice.

Jaws width	mm	100	115	125	135	150	175	200
Opening	mm	125	140	160	170	190	205	205
Height in guides and jaws	mm	60	70	75	85	100	105	105
Anvil dimensions	mm	37x50	45x63	50x70	57x75	65x80	75x93	75x93
Weight	Kg	5,2	7,8	9,3	14	18,5	25	27
2859GA	Each	162,00	180,00	223,00	256,00	306,00	397,00	435,00



2859GA



Orig. KANCA

Swivel type.
Vice parallel to anvil.
Completely made from forged steel.
Indestructible, milled jaws and additionally hardened clamping tables. Anvil with wide work surface, additionally hardened. Precision guide with side adjustment for perfect centring and parallel jaw sliding. Connection for interchangeable collapsible jaws Art. 2861 GA/B (except size 100 and 200mm).

Vice with swivel basement.

Jaws width	mm	100	115	125	135	150	175	200
Opening	mm	125	140	160	170	190	205	205
Height in guides and jaws	mm	60	70	75	85	100	105	105
Anvil dimensions	mm	37x50	45x63	50x70	57x75	65x80	75x93	75x93
Weight	Kg	5,6	8,4	10,3	15,1	20	26,8	29,6
2859GL	Each	221,30	246,10	293,70	328,90	385,80	481,30	519,30

Swiveling base only, for Art. 2859 GA and 2859 GL.

For vices	mm	100	115	125	135	150	175	200
O2859GP	Each	59,30	66,10	70,70	72,90	79,80	84,30	84,30



2859GL



Fixed mode.

Parallel vice with anvil.
Full forged steel composition.
Indestructible jaws milled with precision guides to enable easy scrolling.

Jaws width	mm	125	150
Opening	mm	120	180
Height in guides and jaws	mm	75	100
Anvil dimensions	mm	50x70	65x80
Weight	Kg	8,9	17,4
2860G	Each	167,00	229,00

For turntable bases see Art. O2859 GP 125 - 150.



2860G





COMBINED VICES WITH LARGE ANVIL

2860GE

**Orig. KANCA**

Fixed bench anvil model combined with large surface area (90x160 mm), seal flow with (25 x 25 mm) square hole and 1 horn. Fully forged steel composition. Indestructible, jaw milled with clamping levels and an anvil surface which has been additionally hardened (hardness of between 54 and 56 HRC). Precision guides for enabling smooth sliding.

Jaws width	mm	125
Opening	mm	100
Height in guides and jaws	mm	73,5
Weight	Kg	17

2860GE	Each	440,00
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ACCESSORIES FOR STEEL DROP-FORGED VICES

2861GA

**Orig. KANCA**

All vices Art. 2859 GA are provided with devices specifically designed for following jaws and other accessories.

Steel collapsible jaws for pipe processing.

Jaws width	mm	125	135	150	175
2861GA	Each	50,10	59,30	63,80	72,90

The jaw width 125 mm is also suitable for the vices Art. 2859 GA L-115.

2861GB



Product description as Art. 2861GA

Unbreakable plastic jaws.

Jaws width	mm	115	125	135	150	175
2861GB	Each	44,50	46,70	49,10	51,30	55,80

2861GF



Screw terminals for bench fixing of vices Art. 2856 GA / 2859 GA.

For vices	mm	100	115	125
Terminal opening	mm	85	85	85
2861GF	Each	93,50	93,50	93,50

LIFT MOBILS

2861GR

**Orig. KANCA - Art. LIFT MOBIL**

Vice weight compensation type, vertical adjustment and rotation device to conceal the vice under the bench. Telescopic vertical movement mechanism and 360° horizontal rotation. It allows free bench for working necessities. For vices Art. 2856 GA and 2859 GA. Without vice.

For vices	mm	100	115	125
Max elevation	mm	270	270	270
Support plate Ø	mm	120	135	145
Weight	Kg	13	14	15
2861GR	Each	663,00	663,00	663,00

AUTOMATIC ELEVATORS

2861GS

**Orig. KANCA**

Vice weight compensation type, vertical adjustment.

Telescopic vertical movement, gas thrust control.

360° horizontal rotation. With lock lever.

For vices Art. 2856 GA and 2859 GA. Without vice.

For vices	mm	100	115	125	135
Max elevation	mm	250	250	250	250
Support plate Ø	mm	135	135	160	160
Weight	Kg	8,8	8,8	9,2	9,2
2861GS	Each	388,00	388,00	388,00	388,00



SHANK VICES

Orig. KANCA

Body in semisteel cast iron, induction hardened jaws. Particularly suitable for carpenters, blacksmiths, etc.

Jaws width	mm	125	150
Opening	mm	130	140
Working depth	mm	100	100
Overall length	mm	1040	1070
Weight	Kg	24	25
2861GT	Each	476,00	552,00



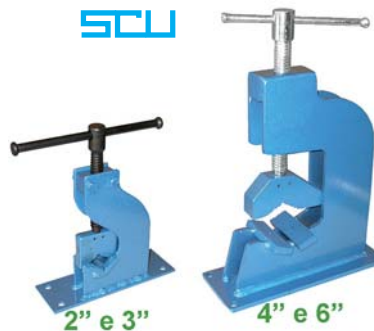
2861GT

PIPE WORKING VICES

Prod. SCU

Body in rolled steel. Milled jaws, hardened.

For pipes up to	inch	2	3	4	6
For pipes from	inch	3/8	3/8	1.1/4	1.1/2
Weight	Kg	6	11	21	38
2863	Each	134,00	208,00	450,00	755,00



2863

PIPE WORKING VICES

Orig. KANCA

In forged steel. Collapsible type. Milled jaws, hardened.

For pipes up to	inch	2	3	4
Weight	Kg	5	6,4	18
2863GA	Each	169,00	257,00	469,00



2863GA

Prod. SCU

In forged steel. Milled jaws, hardened.

For pipes up to	inch	2	3	4
Weight	Kg	4,7	8	12
2864G	Each	143,00	233,00	307,00



2864G

CHAIN PIPE VICES

Prod. SCU

In forged steel. Hardened jaw. Reinforced chain.

For pipes up to	inch	2.1/2	4	6
Weight	Kg	1,9	3,9	7,1
2865G	Each	164,00	242,00	315,00



2865G

Type in forged steel provided with folding stand for easy transport. Sturdy and stable for fixing to the ground if required. Hardened jaw. Reinforced chain. For pipes up to 6". Weight 21kg.

2865L	Each	975,00
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2865L





PIPE STANDS

2866

SCU



Prod. SCU

Heavy type. Collapsible vice in forged steel. Hardened jaws.
With hole plate to bend pipes.

For pipes up to	inch	2	3	4
Weight	Kg	22	28	37
2866	Each	339,00	488,00	589,00

DRILL VICES

2867G

SCU



Prod. SCU

Type with rapid lock system.

With 1 flat jaw and 1 stepped prism-jaw (size 60); with 2 knurled jaws (size 100).

Jaws width	mm	60	100
Weight	Kg	0,54	1,75
Useful opening	mm	70	95
2867G	Each	32,10	59,20

2868B

KANCA



Orig. Kanca

Body made from special spheroid cast iron, high precision. Steel inserted jaws, hardened and ground.

With 1 flat jaw and 1 stepped prism-jaw.

Jaws width	mm	80	100	120	150
Weight	Kg	4	5	7,5	12
Useful opening	mm	80	100	125	200
Transversal wheelbase	mm	108	128	153	178
Eyelets width	mm	13,5	13,5	13,5	13,5
2868B	Each	93,60	108,00	142,00	188,00

2868E

SCU



Prod. SCU

Heavy type, with sliding guides and completely covered screw.

With 1 flat jaw and 1 stepped prism-jaw.

Body in special cast iron. Steel inserted jaws, hardened and ground.

Jaws width	mm	80	100	120	150
Weight	Kg	4	9	16	24
Useful opening	mm	80	110	150	180
Transversal wheelbase	mm	125	160	195	215
Eyelets width	mm	9,5	13	15	15
2868E	Each	145,00	241,00	316,00	419,00

2869A

KANCA



Orig. Kanca

Swivel model made from special cast-iron. Hardened and ground steel jaws.

With 1 flat jaw and 1 jaw with vertical central prism.

Jaws width	mm	100
Weight	Kg	7,8
Useful opening	mm	100
Transversal wheelbase	mm	220
2869A	Each	248,00

2869G

KANCA



Type with quick closing system.

Body in special cast iron. Steel inserted jaws, hardened and ground.

With 1 flat jaw and 1 jaw with vertical central prism.

Jaws width	mm	125
Weight	Kg	12
Useful opening	mm	125
Transversal wheelbase	mm	157,5
Eyelets width	mm	13
2869G	Each	157,00

The vice is not suitable for high vibration operations.



MACHINE VICES

Prod. SCU

360° swiveling type. For machining on milling machines and drills.
Body in high resistance special cast iron. Jaws in steel, hardened and ground.
Ground sliding parts. Completely covered screw. With crank.

SCU

2872G



Jaws width	mm	100	125	160	200
Max opening	mm	80	100	125	160
Overall height	mm	110	130	160	190
Weight	Kg	10	17	27	56
2872G	Each	276,00	311,00	472,00	629,00

Swivel type 360°, tilting 90°.

For machining on milling machines and drills.

Body in high resistance special cast iron. Interchangeable jaws in steel, hardened and ground.
Ground sliding parts. Completely covered screw. With crank.

SCU

2873G



Jaws width	mm	100	125	160
Max opening	mm	80	100	125
Overall height	mm	150	170	190
Weight	Kg	17	23	30
2873G	Each	498,00	589,00	679,00

Orig. MIB

Precision model.

Required for milling, grinding and checking operations.

Completely made of high resistance steel, hardened and ground on all sides.

Jaw with V-slot for a safer grip.

Jaw extension with threaded screw.



2874G



Jaws width	mm	50	72	100
Max opening	mm	60	100	127
Jaws height	mm	25	35	45
Overall length	mm	155	210	260
Weight	Kg	2,1	5,6	15
Supplier code		06066050	06066051	06066052
2874G	Each	233,00	290,00	455,00

Product description as Art. 2874G

Jaw extension rapid adjustment



2874GE



Jaws width	mm	50	75	100
Max opening	mm	70	100	125
Jaws height	mm	25	35	45
Overall length	mm	140	190	246
Weight	Kg	1,6	3,9	9,5
Supplier code		06066056	06066057	06066058
2874GE	Each	173,00	218,00	353,00

PARALLEL COUPLES

Orig. MIB - Art. 06062033

In special hardened steel, hardness HRC 60. Rectified and lapped, in pairs. Accuracy ± 0.005 mm. Used in the mechanical field for clamping in parallel, as support for clamps, etc.

Parallel total length 160 mm

Series of 9 couples with width x thickness

mm 4x10 - 4x14 - 4x18 - 4x22 - 4x26 - 4x30 - 4x34 - 4x38 - 4x42.

In wooden box.



2878GT



2878GT	Each	188,00
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2879

MIB

MESSZEUGE

GERMANY
**Orig. MIB - Art. 06062032**

Product description as Art. 2878GT

Parallels total length 150mm. The set consists of 14 couples having the following thickness x width:

10x14 - 10x16 - 10x18 - 10x20 - 10x22 - 10x24 - 10x26 - 10x28 - 10x30 - 10x32 - 10x35 - 10x40 - 10x45 - 10x50mm.

Supplied in case.

2879	Each	338,00
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ANVILS

2883

**Prod. SCU**

In moulded cast iron, with hardened and enamelled working surface.

Suited to mechanics and fine mechanics.

Weight	Kg	2,5	5	10	20	30	50
Dimensions	mm	190x53	250x65	330x80	480x110	525x120	603x146
Height approx.	mm	68	94	100	135	155	167
2883	Each	33,20	61,10	120,00	227,00	341,00	572,00

2884



In moulded steel, with hardened and polished working surface.

Suited to mechanics and fine mechanics.

Weight	Kg	10	20	30	40	50	60	80	100
Dimensions	mm	360x90	465x105	515x120	600x130	630x140	665x150	745x170	800x180
Height approx.	mm	96	140	145	170	190	205	220	240
2884	Each	181,00	375,00	525,00	668,00	811,00	975,00	1.250,00	1.590,00

2885G

**Orig. KANCA**

In forged and hardened steel, monoblock.

The special basement shape assures max. stability even when anvil extremities are stricken.

Working surface hardness from 54 to 62 HRc.

With 1 square hole and 1 round hole for possible fixing plugs.

Weight	Kg	20	35	50	75
Dimensions	mm	390x80	470x95	550x110	625x125
Height approx.	mm	155	200	220	265
Square bore side	mm	22	22	25	25
Round bore Ø	mm	20	20	23	23
2885G	Each	353,00	617,00	882,00	1.330,00

MACHINIST'S SCRAPERS

2909G

**Prod. SCU**

Type with triangular blade in chrome plated steel, hardened, hardness 58-62 HRc. Wooden handle. For fine mechanics.

Blade dimensions: 75x7mm.

2909G	Each	12,60
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2910G



In chrome plated steel, hardened, hardness 58-62 HRc.

Wooden handle.

Triangular and profiled-type

Blade length	mm	100	150	200	250
2910G	Each	10,20	11,10	11,70	13,90

2911G



Product description as Art. 2910G

Spoon-shaped type.

Blade length	mm	100	150	200	250
2911G	Each	11,10	12,20	13,40	14,80

2912G



Product description as Art. 2910G

Flat type.

Blade length	mm	100	150	200	250
2912G	Each	10,50	11,60	13,50	15,10



Product description as Art. 2910G

Full triangular type.

Blade length	mm	80	100	150	200	250
2913G	Each	8,80	10,90	12,20	14,20	15,20

Sizes mm 80 and 250 running out of stock

SCU

2913G



Product description as Art. 2910G

Triangular spoon-shaped type.

Blade length	mm	100	150	200	250
2914G	Each	11,10	12,20	13,40	14,80

SCU

2914G



Model with extra flat and wide cutting edge.

In special steel, hardened. With wooden handle.

Blade length	mm	140
Cutting edge width	mm	22
2916G	Each	17,20

SCU

2916G



CARBIDE TIPPED FLAT SCRAPERS

Prod. SCU

Model with interchangeable carbide tips.

2 effective working sides to scrap materials of any hardness, milled and lapped cutting edges.

Carbide tips does not require additional tool sharpening.

With wooden handle.

Cutting edge width	mm	20	25	30
Blade length	mm	300	350	350
Cutting edge thickness	mm	2	2	2
2918GA	Each	83,30	95,50	121,00

Spare tips for Art. 2918 GA.

Cutting edge width	mm	20	25	30
2918GP	Each	47,10	53,50	64,10

SCU

2918GA
2918GP



HARTMETALL

TRIANGULAR SCRAPERS

Prod. SCU

Model with interchangeable special steel blade, hardened.

Wooden handle.

Cutting edge side	mm	60	80
Overall length	mm	240	240
2920G	Each	6,84	7,06

Spare blades for Art. 2920 G.

Cutting edge side	mm	60	80
02920GA	Each	3,48	3,92

SCU

2920G



"L" SHAPE SCRAPERS

Prod. SCU

With double-edged hardened steel blade to scrape paint, adhesives, resins, labels, etc. from different types of surfaces.

Cutting edges width	mm	45
Long side length	mm	320
Short side length	mm	55
2921	Each	16,50

SCU

2921



EXTRA-FLAT CHISELS

Prod. SCU

In CHROME-VANADIUM steel. Self-hardened, lacquered.

Hardened heads.

Narrow flat chisels for metal and stone working.

Length	mm	240
Section	mm	26x7
2926G	Each	11,10

SCU

2926G



COLD CHISELS, CROSS CUT CHISELS, DRIFTS, PUNCHES, PIN PUNCHES

Prod. SCU

In CHROME-VANADIUM steel. Self-hardened, lacquered. Hardened heads.

Flat cold chisels.

Length	mm	125	150	175	200	250	300
Cutting edge width	mm	18	18	21	24	25	26
Section	mm	17x11	17x11	20x12	23x13	23x13	23x13
2927GA	Each	6,50	7,08	8,58	9,46	11,60	14,30

SCU

2927GA





2927GB

SCU



Prod. SCU

Product description as Art. 2927GA

Flat cross cut chisels.

	mm	125	150	175	200	250
Length	mm	5	6	7	8	9
Cutting edge width	mm	17x11	17x11	17x11	20x12	23x13
Section	mm	17x11	17x11	17x11	20x12	23x13
2927GB	Each	7,38	8,66	9,88	10,50	13,40

2927GC

SCU



Product description as Art. 2927GA

Knurled drifts.

	mm	100	115	130
Length	mm	8	10	12
Body Ø	mm	8	10	12
2927GC	Each	4,08	5,14	6,60

2927GD

SCU



Product description as Art. 2927GA

Octagonal drifts.

		1	2	3
Size		1	2	3
Length	mm	120	120	150
Body Ø	mm	10	12	12
2927GD	Each	3,00	3,36	4,62

2927GDA

SCU



Product description as Art. 2927GA

Knurled pin punches.

	mm	2	3	4	5	6	7	8
For pins Ø	mm	2	3	4	5	6	7	8
Length	mm	100	100	100	100	115	115	115
Section	mm	7	7	8	8	10	10	10
2927GDA	Each	3,84	3,84	3,96	3,96	5,18	5,18	5,18

2927GE

SCU



Product description as Art. 2927GA

Octagonal pin punches. DIN 6450.

	mm	2	3	4	5	6	7	8
For pins Ø	mm	2	3	4	5	6	7	8
Length	mm	150	150	150	150	150	150	150
Section	mm	10	10	10	10	10	12	12
2927GE	Each	4,94	4,94	4,94	4,94	4,94	5,62	5,62
For pins Ø	mm	9	10	12				
Length	mm	150	150	150				
Section	mm	12	12	14				
2927GE	Each	5,62	5,62	7,20				

2927GEP

SCU



Product description as Art. 2927GA

Octagonal pin punches. DIN 6450 with hand guard in bi-component material.

	mm	2	3	4	5	6	8
For pins Ø	mm	2	3	4	5	6	8
Length	mm	150	150	150	150	150	150
Section	mm	10	10	10	10	10	10
2927GEP	Each	7,58	7,58	7,58	7,58	7,58	8,24

2927GER

SCU



Product description as Art. 2927GA

Octagonal pin punches. DIN 6450.

Long type.

	mm	4	5	6	8	10
For pins Ø	mm	4	5	6	8	10
Length	mm	175	175	175	175	175
Section	mm	10	10	10	12	12
2927GER	Each	6,10	6,10	6,10	7,00	7,00

2927GF

SCU



Product description as Art. 2927GA

Octagonal punches.

	mm	1	2	3	4	5	6	7	8
Tip Ø	mm	1	2	3	4	5	6	7	8
Length	mm	120	120	120	120	120	120	120	120
Body Ø	mm	10	10	10	10	12	12	12	12
2927GF	Each	3,16	3,16	3,16	3,16	3,46	3,46	3,46	3,46

ELECTRICIANS' CHISELS

2927GFE

SCU



Prod. SCU

In CHROME-VANADIUM steel. Lacquered. Hardened heads. Hardened for high resistance.

Chisels with double cutting edge, ideal for traces.

Length	mm	250
Cutting edges length	mm	33x68
Section	mm	23x13
2927GFE	Each	23,90



Product description as Art. 2927GFE

Fine octagonal type chisels.

Type		200	200A	250	250A	300
Length	mm	200	200	250	250	300
Cutting edge width	mm	10	12	12	14	14
Body Ø	mm	8	10	10	12	12
2927GFP	Each	5,22	6,06	6,60	7,08	8,08

SCU  **2927GFP**



STONE CHISELS

Prod. SCU

In CHROME-VANADIUM steel. Self-hardened, lacquered. Hardened heads.

Flat chisels.

Type		200	250	250A	250B	300	350	400	500
Length	mm	200	250	250	250	300	350	400	500
Cutting edge width	mm	26	26	50	70	29	29	29	32
Section	mm	20x12	20x12	23x13	26x13	23x13	23x13	23x13	26x13
2927GH	Each	8,74	10,50	18,30	19,90	13,10	14,60	16,60	19,90

SCU  **2927GH**



Tagliente 50/70 mm

Product description as Art. 2927GH

Octagonal cold chisels.

Length	mm	200	250	300	350	400	500
Cutting edge width	mm	23	23	23	26	26	30
Body Ø	mm	16	16	16	18	18	20
2927GL	Each	8,74	10,50	13,10	14,60	16,60	19,90

SCU  **2927GL**



Product description as Art. 2927GH

Tip cold chisels.

Length	mm	200	250	300	350	400	500
Body Ø	mm	16	16	18	18	18	20
2927GM	Each	8,74	9,88	11,80	13,10	14,10	20,20

SCU  **2927GM**



ASSORTMENT OF CHISELS, PUNCHES, PIN PUNCHES

Prod. SCU

Composition:

2 125 and 150 mm octagonal chisels

1 125 mm octagonal chisel

1 2927 3 mm punch

1 2927 4 mm punch

1 2927 GD Gr. awl. 1

Complete assortment. In a practical plastic holder.

2928G	Each	34,60
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SCU  **2928G**



Each set contains:

2 octagonal chisels 125mm and 150mm

1 octagonal cross cut chisel 125mm

1 punch 2927 GF 3mm

1 punch 2927 GF 4mm

1 drift 2927 GD Size 1

Complete set. Supplied in practical jointed metal case.

2928GA	Each	45,10
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SCU  **2928GA**



**2928GE** SCU

Composition:
5 2927 GF 1-2-3-4-5 mm punches
1 2927 GD Gr awl. 1
Complete assortment. In a practical plastic holder.

2928GE Each **21,30**

2928GF SCU

Each set contains:
5 punches 2927 GF 1-2-3-4-5mm
1 drift 2927 GD Size 1
Complete set. Supplied in practical jointed metal case.

2928GF Each **31,10**

2928GG SCU

Composition:
6 2927 GE 3-4-5-6-8-10 mm punches
Complete assortment. In a practical plastic holder.

2928GG Each **33,20**

2928GH SCU

Composition:
6 2927 GE 3-4-5-6-8-10 mm punches
Complete assortment. In a plastic box.

2928GH Each **40,50**

2928GL SCU

Each set contains:
6 pin punches 2927 GE 3-4-5-6-8-10mm
Complete set. Supplied in practical jointed metal case.

2928GL Each **43,60**



Composition:
5 2927 GEP 2-3-4-5-6 mm punches
Complete assortment. In a practical and sturdy plastic box.

2928GP Each 54,10



RIBBED CHISELS

Prod. SCU

In CHROME VANADIUM steel. Chrome plated finish.

Length	mm	150	200	250	300
Cutting edge width	mm	18	23	25	30
2931	Each	11,90	15,20	21,10	30,30



EXTRA-FLAT CHISELS

Orig. Gedore - Art. 2104

In CHROME-VANADIUM-MOLYBENDUM steel, 45 Cr Mo V7 for high resistance. Self-hardening, hardened heads, finely lacquered. Produces shiny and sharp cuts. TOP professional quality.

Narrow extra-flat chisels for metal and stone working.

Length	mm	240
Section	mm	26x4
2933E	Each	7,48



Orig. Gedore - Art. 104

Product description as Art. 2933E

Narrow flat chisels for metal and stone working.

Length	mm	240
Section	mm	26x7
2933G	Each	15,10



COLD CHISELS, CROSS CUT CHISELS, DRIFTS, PUNCHES, PIN PUNCHES

Orig. Gedore-DIN 6453 - Art. 95

Product description as Art. 2933E

Flat chisels.

Length	mm	100	125	150	175	200	225	250	300
Section	mm	14x9	14x9	17x11	20x12	23x13	23x13	26x13	26x13
Cutting edge width	mm	15	15	18	21	24	24	28	30
2934GA	Each	7,44	8,72	10,40	13,50	14,10	16,20	19,40	22,10



Orig. Gedore - Art. 97

Product description as Art. 2933E

Octagonal chisels.

Length	mm	125	150	200
Body Ø	mm	10	12	18
Cutting edge width	mm	12	16	22
2934GB	Each	6,22	9,34	16,90



Orig. Gedore - Art. 96

Product description as Art. 2933E

Flat cross cut chisels.

Length	mm	125	150	175	200
Section	mm	14x9	17x11	17x11	20x12
Cutting edge width	mm	5	6	7	8
2934GC	Each	9,46	11,40	14,50	15,10



**2934GD GEDORE****Orig. Gedore - Art. 98**

Product description as Art. 2933E

Octagonal cross cut chisels.

Length	mm	125
Body Ø	mm	10
Cutting edge width	mm	5
2934GD	Each	6,74

2934GE GEDORE**Orig. Gedore-DIN 7250 - Art. 100**

Product description as Art. 2933E

Drifts.

Length	mm	120	125	150	155
Body Ø	mm	10	12	12	16
2934GE	Each	4,88	5,64	7,34	11,20

2934GF GEDORE**Orig. Gedore-DIN 6458 - Art. 99**

Product description as Art. 2933E

Punches.

Tip Ø	mm	1	2	3	4	5	6	7	8	10
Length	mm	120	120	120	120	120	120	120	120	120
Section	mm	10	10	10	10	10	12	12	12	12
2934GF	Each	4,58	4,58	4,62	4,62	4,58	5,64	5,64	5,64	5,64

2934GN SCU**Prod. SCU**

In alloy steel, hardened.

Pin punch. Bushed pin, hardness HRc 55-59, polished chrome finish. For precision mechanics.

For pins Ø	mm	0,9	1,4	1,8	2,4	2,8	3,4	3,9	4,9	5,9
Overall length	mm	70	80	83	91	94	97	100	101	103
2934GN	Each	3,70	3,70	3,70	3,70	3,70	3,70	3,70	3,70	3,70

2934GR GEDORE**Orig. Gedore-DIN 6450 - Art. 119**

In high resistance MOLYBDENUM-CHROME-VANADIUM steel, 45 Cr Mo V7.

Selfhardening, hardened heads, finely lacquered. Polished and sharp cutting edges.

TOP professional quality.

Pin punches.

For pins Ø	mm	2	3	4	5	6	6A	7
Length	mm	150	150	150	150	150	175	150
Section	mm	10	10	10	10	10	10	12
2934GR	Each	7,28	7,34	7,28	7,28	7,28	11,30	8,72
For pins Ø	mm	8	9	10	12			
Length	mm	150	150	150	150			
Section	mm	12	12	12	14			
2934GR	Each	8,66	8,72	8,68	9,54			

PIN PLUS PRECISION PIN PUNCHES**2934GZ GEDORE****Orig. Gedore - Art. 3119**

In special MOLYBDENUM-VANADIUM steel, 73 Mo V5-2, ergonomic handle in synthetic material, length: 85mm, for hand protection.

Extremely precise and accurate construction with centesimal tolerance.

Completely tempered, hardened working parts. Induction tempered heads for higher safety against chipping.

For pins Ø	mm	7
Overall length	mm	150
2934GZ	Each	9,18

Product running out of stock.**PRECISION PIN PUNCHES****2935G SCU****Prod. SCU**

In CHROME-VANADIUM steel with an inserted high precision blade.

Burnished finish with ergonomic handle made from synthetic material for hand protection.

For pins Ø	mm	2	3	4	5	6	8	10
Overall length	mm	140	160	185	200	210	225	240
2935G	Each	5,72	5,72	6,34	6,56	6,72	8,98	9,38



CHISELS FOR ELECTRICIANS AND STONES

Orig. Gedore - Art. 112

In high resistance MOLYBDENUM-CHROME-VANADIUM steel, 45 Cr Mo V7. Selfhardening, hardened heads, finely lacquered. Polished and sharp cutting edges. TOP professional quality.

Square thin chisels for electricians.

Type		200	200A	250	250A	300
Length	mm	200	200	250	250	300
Frame	mm	6	6	7	8	10
Cutting edge	mm	6	8	10	12	15
2935GA	Each	6,52	6,52	7,70	8,30	11,50



2935GA



Orig. Gedore - Art. 112 A

Product description as Art. 2935GA

Octagonal thin chisels for electricians.

Length	mm	250	300
Body Ø	mm	10	12
Cutting edge	mm	12	15
2935GB	Each	11,10	14,30



2935GB



Orig. Gedore-DIN 7254 A - Art. 109-103

Product description as Art. 2935GA

Mason's flat chisels

Type		200	250	250A	250B	300	350	400
Length	mm	200	250	250	250	300	350	400
Section	mm	20x12	20x12	26x13	26x13	23x13	23x13	23x13
Cutting edge width	mm	26	26	50	80	29	29	29
2936GA	Each	12,70	15,50	18,30	21,50	21,30	24,10	26,80

Type 250 A - 250 B with 50-80mm with oversize cutting edge.



2936GA



Tagliente 50/80 mm



Orig. Gedore-DIN 7254 B - Art. 110

Product description as Art. 2935GA

Mason's octagonal chisels.

Length	mm	200	250	300	350	400
Section	mm	16	16	18	18	20
Cutting edge width	mm	23	23	26	26	30
2936GB	Each	14,70	16,90	21,60	22,30	28,10



2936GB



Orig. Gedore-DIN 7256 - Art. 111

Product description as Art. 2935GA

Mason's octagonal tip chisels

Length	mm	200	250	300	350	400
Section	mm	16	16	18	18	18
2936GC	Each	14,70	17,20	22,10	22,30	24,30



2936GC



MARKING TOOLS

Orig. Gedore - Art. 100A

In special steel.

Hard metal tip.

Overall length	mm	120
Body Ø	mm	10
Cusp base Ø	mm	4
2936GM	Each	24,40



2936GM



HARTMETALL



AUTOMATIC MARKING TOOLS

Prod. SCU

Automatic percussion model with spring mechanism for manual use.

In CHROME-VANADIUM steel with stainless steel tips. Burnished finish. Possibility of adjusting engraving depth by rotating the knurled ring. High strength punching. End part made from spherical plastic for easy use (only available in 160 mm size).

Overall length	mm	125	160
Body Ø	mm	12	20
Max. force	N	120	850
2936GMF	Each	12,90	25,60



2936GMF



125

160





2936GR



HARTMETALL

**Orig. Marvel**

Automatic percussion model with spring mechanism for hand use. With HARD METAL tip, can also be used on stainless steel. Galvanised finish. Engraving depth can be adjusted by turning the ball end, made of synthetic material for comfortable use.

Overall length	mm	130
Body Ø	mm	13
Max. force	N	300

2936GR	Each	33,30
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2936GRE **SCU**

HARTMETALL

**Prod. SCU**

Automatic percussion model with spring mechanism for manual use. In CHROME-VANADIUM steel with HARD METAL tips which can also be used on stainless steel. Burnished finish. Possibility of adjusting engraving depth by rotating the knurled ring. High strength punching. The end section has been covered in synthetic material for easy use.

Overall length	mm	150
Body Ø	mm	16
Max. force	N	500

2936GRE	Each	21,90
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HEADERS FOR RIVETS2936GV **GEDORE****Orig. Gedore - Art. 127**

In CHROME VANADIUM steel, self-hardening.

For rivets Ø	mm	2	3	4	5	6
cave Ø	mm	3,5	5,5	6,5	8	9,5
Length	mm	100	100	100	110	110
Section	mm	10	10	12	14	16

2936GV	Each	6,28	6,28	7,16	8,36	9,56
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CHISELS HAND GUARDS2936GZ **GEDORE****Orig. Gedore - Art. 108**

Universal type.

In undeformable PVC. Extra-handle for a safe and practical grip, double-sheltered for safe purposes and to provide a better shock-absorbing effect. Length: 115mm.

Suitable for all kind of chisels with the following cross section:

flat cross section 20x12 - 23x13 - 26x7 - 26x13mm

octagonal cross section 14 - 16 - 18 - 20mm.

2936GZ	Each	6,32
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DRIFTS AND PIN PUNCHES HAND GUARDS2936GZE **SCU****Prod. SCU**

Universal type. In dual component material for a safe and comfortable grip.

For tools with octagonal section	mm	10
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Length	mm	75
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2936GZE	Each	2,64
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SETS OF CHISELS AND PUNCHES2937GB **GEDORE****Orig. Gedore - Art. 106 D**

6-pcs. set:

2 x 2934 GB chisels 125-150mm

1 x 2934 GF punch 3mm

1 x 2934 GE drift 120mm

1 x 2934 GD cross cut chisel 125mm

1 x 2934 GR pin punch 4mm

Complete set supplied in sturdy jointed metal case.

2937GB	Each	48,90
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SETS OF PUNCHES

Orig. Gedore - Art. 113D

6-pcs. set:
 5 x 2934 GF punches 1-2-3-4-5mm
 1 x 2934 GE drift 120mm
 Complete set supplied in sturdy jointed metal case.

2937GC Each 40,20

GEDORE



2937GC



SETS OF PIN PUNCHES

Prod. SCU

Contents :
 9 2934 GN 0.9-1.4-1.8-2.4-2.8-3.4-3.9-4.9-5.9 mm punches
 Complete assortment. In sturdy metal box.

2937GCR Each 43,40

SCU



2937GCR



Orig. Gedore - Art. 116

Set:
 6 x 2934 GR cross cut chisels 3-4-5-6-7-8mm
 Supplied on wooden tool holder, enamelled.

2937GD Each 56,10

GEDORE



2937GD



Orig. Gedore - Art. 116 D

Each set contains :
 6 x 2934 GR cross cut chisels 3-4-5-6-7-8mm
 Complete set supplied in sturdy jointed metal case.

2937GE Each 58,40

GEDORE



2937GE





2937GL

SCU



Prod. SCU

Contents :

5 2935 G 3-4-5-6-8 mm punches

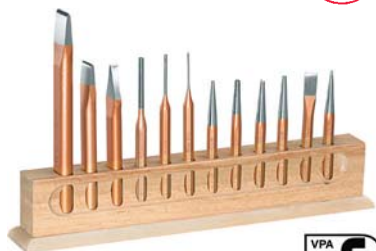
Complete assortment. With metal bracket for a bench or for suspension.

2937GL Each 60,80

SETS OF CHISELS AND PUNCHES

2939G

GEDORE



Orig. Gedore - Art. 107

Enamelled wood tool holder.

12-pcs. set:

2 x 2934 GA chisels 150-200mm

1 x 2934 GB chisel 125mm

1 x 2934 GC cross cut chisel 150mm

4 x 2934 GF punches 2-3-4-5mm

1 x 2934 GE drift 120mm

3 x 2934 GR pin punch 2-3-5mm

Complete set.

2939G Each 108,00

CHISELS FOR PNEUMATIC HAMMERS

2948GA

PNEUTEC
DRUCKLUFTWERKZEUGE

Prod. Pneutec

Types for hammer Art. 1727 GM.

In alloyed steel, hardened.

Hexagonal drive diam. 10mm, length: 45mm.

Throttle chisel. Overall length: 170mm.

2948GA Each 38,10

2948GB

PNEUTEC
DRUCKLUFTWERKZEUGE

Product description as Art. 2948GA

Sheet cutting chisel. Overall length: 155mm.

2948GB Each 45,70

2948GC

PNEUTEC
DRUCKLUFTWERKZEUGE

Product description as Art. 2948GA

Flat chisel width: 19mm. Overall length: 175mm.

2948GC Each 36,20

2948GE

PNEUTEC
DRUCKLUFTWERKZEUGE

Product description as Art. 2948GA

Scraper, slightly bent, width: 32mm. Overall length: 165mm.

2948GE Each 38,10

2948GF

PNEUTEC
DRUCKLUFTWERKZEUGE

Product description as Art. 2948GA

Scraper-bent chisel. Width: 35mm. Overall length: 160mm.

2948GF Each 38,10

2948GH

PNEUTEC
DRUCKLUFTWERKZEUGE

Product description as Art. 2948GA

Square-tipped chisel. Overall length: 175mm.

2948GH Each 36,20

2948GP

PNEUTEC
DRUCKLUFTWERKZEUGE

Types for hammer Art. 1727 GP.

Hexagonal drive diam. 10.5mm, length: 50mm.

Flat chisel. Cutting edge width: 19mm. Overall length: 175mm.

2948GP Each 40,10



Product description as Art. 2948GP
Flat chisel. Cutting edge width: 32mm. Overall length: 175mm.

2948GQ Each **41,90**



2948GQ



Product description as Art. 2948GP
Sheet cutting chisel. Overall length: 190mm.

2948GR Each **47,60**



2948GR



Product description as Art. 2948GP
Square-tipped chisel. Overall length: 255mm.

2948GS Each **47,60**



2948GS



Product description as Art. 2948GP
Round-tipped chisel. Overall length: 180mm.

2948GS 3 Each **41,50**

Product running out of stock.



2948GS 3



Product description as Art. 2948GP
Sheet cutting edged chisel. Overall length: 175mm.

2948GT Each **45,70**



2948GT



Product description as Art. 2948GP
Chisel for solder connection points. Overall length: 175mm.

2948GZ Each **41,90**



2948GZ



CHISELS FOR SDS-PLUS PERCUSSION DRILLS

Prod. SCU

In high quality steel, forged, hardened, for professional applications. Easily sharpenable. Can be inserted on all percussion drills provided with SDS-plus locking and rotation preventing device. Overall length: 250mm.

2949G 4 Each **21,10**



2949G 4



Gouge chisels - cutting edge width: 22mm.



Product description as Art. 2949G 4
Flat chisels - width: 40mm.

2949G 6 Each **17,70**



2949G 6



Product description as Art. 2949G 4
Flat chisels - width: 20mm.

2949G 8 Each **10,70**



2949G 8



Product description as Art. 2949G 4
Square tip chisels.

2949G 10 Each **10,70**



2949G 10



CHISELS FOR SDS-MAX PERCUSSION DRILLS

Prod. SCU

In high quality steel, forged, hardened, for professional applications. Easily sharpenable. Can be inserted on all percussion drills provided with SDS max locking.

2949G 14 Each **36,60**



2949G 14



Gouge chisels - cutting edge width: 26mm.
Overall length mm 300

**2949G 15 SCU**

Product description as Art. 2949G 14

Tip chisels.

Overall length	mm	280	400	600
2949G 15	Each	14,50	14,80	21,50

2949G 17 SCU

Product description as Art. 2949G 14

Flat chisels.

Overall length	mm	280	400	600
Cutting edge width	mm	25	25	25
2949G 17	Each	14,50	14,80	21,50

2949G 19 SCU

Product description as Art. 2949G 14

Flat-spade shaped type.

Overall length	mm	300	400
Cutting edge width	mm	75	50
2949G 19	Each	34,40	26,80

CHISELS FOR ELECTRO-HAMMERS**2949GB SCU****Prod. SCU**

Suited to BOSCH electro-hammers: 11202, 11203, 11204, 11206, 11208, 11209, UBH 6/35, UBH 6/35D, UBH 12/50, B + D HD 2032, HD 2036, AEG PH 240D, PH 350, PH 350D BBT BT 64 Metabo 1130 S - 1131 S.

Spade-shaped type.

Overall length	mm	300
2949GB	Each	40,30

Product running out of stock.**2949GC SCU**

Product description as Art. 2949GB

Chisel type.

Overall length	mm	300
2949GC	Each	14,50

Product running out of stock.**2949GM SCU**

Suited to Hilti electro-hammer type: TE 42, TE 60, TE 72.

Chisel type.

Overall length	mm	360	500
2949GM	Each	19,40	23,60

Product running out of stock.**2949GP SCU**

Product description as Art. 2949GM

Tip chisels.

Overall length	mm	360	500
2949GP	Each	19,40	23,60

Product running out of stock.**2950GA SCU**

Suited to BOSCH electro-hammers type: 11302, 11305, 11306, 12310, USH6, USH 10.

Chisel type.

Overall length	mm	300	400
2950GA	Each	9,14	10,30

Product running out of stock.**2950GB SCU**

Product description as Art. 2950GA

Tip chisels.

Overall length	mm	300	400
2950GB	Each	9,14	10,30

Product running out of stock.**2950GD SCU**

Suited to Kango electro-hammers type: 900, 950.

Chisel type.

Overall length	mm	300	600
2950GD	Each	11,10	21,50

Product running out of stock.



Product description as Art. 2950GD

Tip chisels.

Overall length	mm	300	600
2950GE	Each	11,10	21,50

Product running out of stock.

SCU  **2950GE**



TILE NIPPERS

Prod. SCU

In special steel, narrow cutting edges. Length: 190mm.

2955G	Each	6,22
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SCU **2955G**



In forged steel with hard metal inserts on cutting edges. Suitable to remove materials from glazed or vitrified wall tiles, gres, etc. Asymmetrical chisel-edge for flush cuts. Length: 200mm.

2957GC	Each	45,10
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SCU **HARTMETALL** **2957GC**



STONE END CUTTERS

Prod. SCU

Stone end cutter with hard metal cutting edge. Plastic handle. Suitable to cut floor tiles, marbles, terra-cotta, faesite, slate, asbestos cement, etc.

2957GL	Each	5,74
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SCU **HARTMETALL** **2957GL**



TILE PUNCH CUTTERS

Prod. SCU

With hard metal small wheel. Plastic handle. Suitable to cut floor tiles, marbles, terra-cotta, faesite, slate, asbestos cement, etc.

2957GP	Each	5,38
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SCU **HARTMETALL** **2957GP**



TILE PUNCH CUTTERS

Prod. SCU

With hard metal small wheel Ø 14mm. Suited to cut glazed or vitrified floor tiles, porcelain and maiolica. Handles coated with synthetic material.

Overall length: 210mm.

2958G	Each	6,64
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Spare wheel for Art. 2958 G.

O2958G	Each	2,16
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SCU **HARTMETALL** **2958G**



SPRING TILE CUTTERS

Prod. SCU

Spring type for manual use. Rubber wheel and steel small wheel Ø 22mm. Suited to cut wall tiles. Thickness and cutting depth adjustment.

Overall length: 270mm.

2959G	Each	17,40
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Spare steel wheel for Art. 2959 G.

O2959G	Each	2,38
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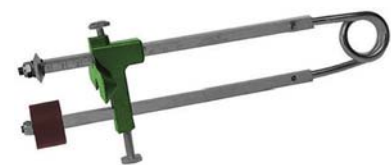
Hard metal wheel Ø 22mm for Art. 2959 G.

O2959GA	Each	6,46
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Spare rubber roller for Art. 2959 G.

O2959GE	Each	1,48
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SCU **2959G**





TILE DRILLS

2959GL

SCU

HARTMETALL



Prod. SCU

Suited to bore tiles Ø 30mm and 80mm. To be used with electric drills. Drive Ø: 9mm. With centering bit and adjustable blade with hard metal inserts.

2959GL	Each	9,68
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Spare knife for Art. 2959 GL.

O2959GL	Each	7,36
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TILE CUTTING MACHINES

2960GA

SCU

HARTMETALL



Prod. SCU

Hard metal small wheel Ø 15mm. Standard model with 2 sliding guides and steel basement. Suitable to cut glazed or vitrified tiles, porcelain, maiolica, etc.

Max cutting length	mm	300
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Weight	Kg	1,7
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2960GA	Each	35,50
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Spare small wheel for Art. 2960 GA.

O2960GA	Each	3,24
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2961G

SCU

HARTMETALL



Hard metal small wheel. Professional model with 2 sliding guides in ground steel and 90° squaring arm. Suitable to cut any kind of glazed or vitrified tiles, porcelain, maiolica, etc.

Max cutting length	mm	600
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Max cutting depth	mm	15
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wheel Ø	mm	22
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Working base in	steel	
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Weight	Kg	7
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2961G	Each	96,50
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Spare wheel for Art. 2961 G 420-600 see Art. 02959 GA.

2963G

SCU

HARTMETALL



Hard metal small wheel Ø 22mm. Precision professional model with ball bearing movement, hardened and ground guides. Steel basement and 90° squaring arm. Suitable to easily cut all kinds of glazed or vitrified tiles, porcelain, maiolica, etc.

Max cutting length	mm	470	600
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Max cutting depth	mm	18	18
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Weight	Kg	7,4	8,4
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2963G	Each	154,00	162,00
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For spare wheel see Art. 02959 GA.

NAIL PULLERS

2992

SCU



Prod. SCU

Suitable for upholsterers and decorators. Steel blade 75mm, plastic handle.

2992	Each	6,80
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BUTTONS REMOVERS

2993

SCU



Prod. SCU

Professional type with thin slot, curved, with plasticized coating to easily remove the fastening buttons of the panels of motor vehicles without damaging the paint of the bodywork. Steel blade, wooden handle. Head width 25 mm, head thickness 2 mm, fork width 7.4 mm. Total length 250 mm.

2993	Each	14,70
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MARKING TOOLS

2996G

SCU



Prod. SCU

In CHROME VANADIUM steel, nickel plated. Reinforced model - Round blade tanged into the handle. Wooden handle, lacquered. Blade 100x6mm.

2996G	Each	6,18
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2997G

SCU



Product description as Art. 2996G

Reinforced model - Square blade tanged into the handle. Wooden handle, lacquered. Blade 100x6mm.

2997G	Each	6,32
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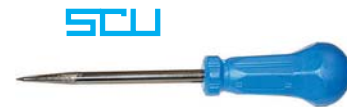


In CHROME VANADIUM steel.

Round blade.

Plastic handle. Blade 100x6mm.

2998G	Each	2,76
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2998G

Product description as Art. 2998G

Square blade.

Plastic handle. Blade 100x6mm.

2999G	Each	3,06
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2999G

NAIL PULLERS AND CROW BARS

Orig. Peddinghaus - Art. 0113010175

Small and practical type for working in confined spaces. 2 crab-shaped openings. In tempered steel. Round cross section.

Total length 175 mm.

3009E	Each	9,68
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3009E



Orig. Peddinghaus - Art. 0113020001

Multipurpose type of small size to be easily stowed in tool boxes. 2 crab-shaped openings. In tempered steel, very sturdy. Hexagonal section.

Total length 260 mm.

3009F	Each	16,20
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3009F



Prod. SCU

Model for storemen and carpenters.

1 crab-shaped opening and 1 chisel opening, bent. In hardened steel. Round cross section.

Overall length	mm	350	400
3009P	Each	8,50	9,16



3009P



CARPENTER'S PINCHING BARS

Orig. Peddinghaus - Art. 113.01

Forged model, very sturdy construction with 1 curved crab-shaped opening and 1 bent opening. Its special tool bending and flat cross section ensure a big working force in confined areas.

Opening width: 45mm.

Overall length	mm	375	450
3009R	Each	17,80	26,10



3009R



Prod. SCU

Italian model with 1 curved crab-shaped opening and 1 bent chisel opening. In forged and hardened steel. Hexagonal cross section.

Overall length	mm	500	600	700	800
3009S	Each	6,78	7,34	9,84	10,30



3009S



Orig. Peddinghaus - Art. A 117.01

Forged model, sturdy construction with 1 bent crab-shaped and 1 bent chisel opening. Round cross section.

Overall length	mm	500	600	800
3010G	Each	17,60	18,80	23,10



3010G



Orig. Peddinghaus - Art. A 117.K 1

Extra sturdy forged model with 1 bent crab-shaped and 1 bent chisel opening. Hexagonal cross section.

Overall length	mm	600	800
3011G	Each	22,60	26,40



3011G



**3011GP** **Orig. Peddinghaus - Art. 112.01-Mod. GORILLA BAR**

Very sturdy forged model, combination type with 1 curved crab-shaped opening and 1 bent chisel opening. Its special tool bending and oval cross section assure a big working force.

Overall length	mm	350	600	900
3011GP	Each	21,10	29,60	38,70

3011L **Prod. SCU**

Forged, sturdy type with 2 chisel openings, bent. Round cross section.

Overall length	mm	600	700	800
3011L	Each	16,30	20,40	24,40

CROW BARS**3011S** **Prod. SCU**

In forged steel.
Chisel type, bent.

Overall length	mm	1000	1200	1500
3011S	Each	24,10	33,90	41,50

3011T 

Product description as Art. 3011S

V-notch type, bent.

Overall length	mm	1000	1200	1500
3011T	Each	24,10	33,90	41,50

3012G **Orig. Peddinghaus - Art. 0101.51**

In special forged steel. Round cross section.

Chisel type, flat, bent.

Overall length	mm	1000	1250	1500
3012G	Each	35,20	35,20	43,90

3012GA **Orig. Peddinghaus - Art. 0111.01**

Product description as Art. 3012G

V-notch type, flat, bent.

Overall length	mm	1000	1250	1500
3012GA	Each	44,10	49,10	50,10

3013G **Orig. Peddinghaus - Art. A 107.01**

In special forged steel. Flat cross section.

Type with steel wheels

Length	mm	1550
Max capacity	Kg	3000
Weight	Kg	15

3013G	Each	425,00
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3014G **Orig. Peddinghaus - Art. A 107.G1**

Product description as Art. 3013G

Type with rubber wheels

Length	mm	1550
Max capacity	Kg	3000
Weight	Kg	15

3014G	Each	473,00
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SPADES AND SHOVELS**3018** **Prod. SCU**

Spades in sheet steel, painted, with handle.

Overall length: approx. 1600mm.

3018	Each	22,80
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3019 

General purpose shovels in stamped sheet steel with handle and grip.

Overall length: approx. 800mm.

3019	Each	27,30
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Carbon shovels and similar, in stamped sheet steel, with handle and grip.
Overall length: approx. 1050mm.

3020 Each **27,80**



3020

Foldable model for minimum space requirement.
General purpose shovels in aluminium and special powder painting, polished, functional, light and sturdy.

With handle and grip.
Open overall length: 960mm, folded overall length: 500mm.

3020E Each **60,10**



3020E

Foldable model for minimum space requirement.
General purpose shovels in polyamide reinforced with fiberglass ensure max. lightness, sturdiness and resistance.

With handle and grip.
Open overall length: 980mm, folded overall length: 500mm.

3020F Each **50,70**



3020F

PICKAXE WITH HANDLE

Prod. SCU
In forged and hardened steel. Hardwood handle, length: 900mm. Weight: 1.5kg.
Type with pointed head and horizontal pen.

3021 Each **21,50**



3021

In forged and hardened steel. Shatterproof glass fiber handle. Grip covered with sturdy rubber.
With hole. Length: 900mm. Weight: 1,5kg.
Type with pointed head and horizontal pen.

3021E Each **24,90**



3021E

BILLHOOKS

Prod. SCU
Sharp blade in forged and hardened steel. Leather handle, with hand protector.
Length: 410mm. Weight: 0.5kg.

3021G Each **33,30**



3021G

ACID PENS

Prod. SCU
Pen only, without cartridge. For marking on iron, steel, stainless steel, copper, nickel, lead, tin, bronze, etc. To be used in combination with blue cartridges Art. 3027 B or green cartridges Art. 3027 C.
Corrosion formation may be prevented by atomizing the anti-corrosive Art. 3027 E.

3027A Each **16,00**



3027A

Blue colour cartridges for marking on iron and steel with pen Art. 3027 A.

3027B Each **16,40**



3027B

Green colour cartridges for marking on stainless steel, copper, nickel, lead, tin, bronze with pen Art. 3027 A.

3027C Each **16,40**



3027C



3027E SCU



Sprayer atomizing an anti-corrosive against the action of the acid pen Art. 3027 A. It ensures a long lasting protection of the treated surface.

Contents: 150ml

3027E Each 22,70

MARKING PUNCH SETS

3028 SCU



fino a 80 kg/mm²

Prod. SCU

Right-hand use.

Fine quality. In hardened steel for punching metals with resistance up to 80kg/sqmm.

Differentiated hardening treatment, splinter-proof safety. Square body with digit round end.

Characters according to DIN 1451. Cutting hardness HRC58-61. In box.

Numbers: 9pcs from 0 to 9.

Characters height	mm	2	3	4	5	6	8	10
Punches side x length	mm	6x65	6x65	7x65	8x65	9x75	11x76	12x80
3028	Series	7,98	8,32	8,86	9,98	10,70	14,80	19,70

Available on request loose punches.

3029 SCU



fino a 80 kg/mm²

Product description as Art. 3028

Letters: 27pcs from A to Z.

Characters height	mm	2	3	4	5	6	8	10
Punches side x length	mm	6x65	6x65	7x65	8x65	9x75	11x76	12x80
3029	Series	24,10	25,10	26,60	30,10	32,10	44,20	58,90

Available on request loose punches.

3032G SCU



fino a 80 kg/mm²

Right-hand use.

Fine quality. In hardened steel for punching metals with resistance up to 80Kg/sqmm.

Differentiated hardening treatment, splinter-proof safety. Square body with digit taper end.

Characters according to DIN 1451. Cutting hardness HRC58-61. In box.

Numbers: 9pcs from 0 to 9.

Characters height	mm	1	1,5	2	3	4	5	6
Punches side x length	mm	6x65	6x65	6x65	6x65	7x65	8x65	9x75
3032G	Series	18,60	12,40	12,40	12,90	13,70	15,40	16,50
Characters height	mm	7	8	10	12	15		
Punches side x length	mm	11x76	11x76	12x80	14x80	16x85		
3032G	Series	22,80	22,80	30,30	35,80	63,20		

Available on request loose punches.

3033G SCU



fino a 80 kg/mm²

Product description as Art. 3032G

Letters: 27pcs from A to Z.

Characters height	mm	1	1,5	2	3	4	5	6
Punches side x length	mm	6x65	6x65	6x65	6x65	7x65	8x65	9x75
3033G	Series	55,80	36,90	36,90	38,50	41,00	44,20	49,50
Characters height	mm	7	8	10	12	15		
Punches side x length	mm	11x76	11x76	12x80	14x80	16x85		
3033G	Series	68,30	68,30	90,80	108,00	169,00		

Available on request loose punches.



Right handed model LARGE SIZE.

Produced with CNC for maximum accuracy. In hardened steel to punch metals with a resistance up to 80 kg/sq mm.

Safety hardening against splinters. Rectangular body. Features according to DIN 1451. Hardness of cut HRC 58-61. Packed in box (25 mm in case).

Numbers: 9 pieces from 0 to 9.

Characters height	mm	18	20	25
Punches dimensions	mm	15x25x100	15x25x100	15x30x100
Series weight	Kg	2,5	2,5	3,3
3034G	Series	170,00	170,00	218,00

Available on request loose punches.

SCU



3034G



fino a 80 kg/mm²

Product description as Art. 3034G

Letters: 27 pieces from A to Z.

Characters height	mm	18	20	25
Punches dimensions	mm	15x25x100	15x25x100	15x30x100
Series weight	Kg	7,3	7,3	9,5
3035G	Series	509,00	509,00	654,00

Available on request loose punches.

SCU



3035G



fino a 80 kg/mm²

Right-hand use. Extra-quality.

In hardened special steel for punching metals with resistance up to 130Kg/sqmm.

Differentiated hardening treatment, splinter-proof safety.

Round-flat body and digit end. Characters according to DIN 1451.

Cutting hardness HRC58-60

In box.

Numbers: 9pcs from 0 to 9.

Characters height	mm	2	3	4	5	6	8	10	12	15
Punches side x length	mm	8x64	8x64	8x64	10x69	10x69	13x77	15x85	18x95	20x100
3036G	Series	20,40	20,40	20,40	28,20	28,20	43,70	59,40	161,00	212,00

Punches NOT be supplied loose.

SCU



3036G



fino a 130 kg/mm²

Product description as Art. 3036G

Alphabets: 27pcs from A to Z.

Characters height	mm	2	3	4	5	6	8	10
Punches side x length	mm	8x64	8x64	8x64	10x69	10x69	13x77	15x85
3037G	Series	54,10	54,10	54,10	74,30	74,30	121,00	163,00

Characters height	mm	12	15
Punches side x length	mm	18x95	20x100
3037G	Series	348,00	471,00

Punches NOT be supplied loose.

SCU



3037G



fino a 130 kg/mm²

MARKING PUNCH SETS

Prod. SCU

Right-hand use. Extra-quality. In hardened special steel for punching low and high-resistance metals up to 130Kg/sqmm. In soft metals, pitting enables a clearer reading, avoiding material deformation. Reduced splintering for harder metals. In box.

Numbers: 10pcs from 0 to 9.

Characters height	mm	3	4	5	6	8	10	12
Punches side x length	mm	8x64	8x64	10x69	10x69	13x77	15x85	18x95
3040G	Series	33,70	41,10	41,10	64,80	64,80	87,80	153,00

Punches NOT be supplied loose.

SCU



3040G



fino a 130 kg/mm²

**3041G SCU**fino a 130 kg/mm^q

Product description as Art. 3040G

Letters: 26pcs from A to Z.

Characters height	mm	3	4	5	6	8	10	12
Punches side x length	mm	8x64	8x64	10x69	10x69	13x77	15x85	18x95
3041G	Series	96,10	119,00	119,00	183,00	183,00	249,00	387,00

Punches NOT be supplied loose.

SAFETY HANDLES FOR MARKING PUNCHES**3041GE SCU**

Prod. SCU

Handle that allows you to tap the punch with the hand at a safe distance to avoid bruises or wounds. Reinforced plastic body, locking system of the punch by turning the rear wheel.

Suitable for all punches with a cross section up to 20x20 mm.

3041GE Eac **66,10****3041GF SCU**

Professional model.

Handle that allows you to tap the punch with the hand at a safe distance to avoid bruises or wounds. Body made of sturdy metal for heavy use. Rapid locking system of the punch thanks to a spring.

Suitable for all punches with a cross section up to 20x20 mm.

3041GF Eac **80,70****ASSORTMENTS OF INTERCHANGEABLE STEEL MARKING PUNCHES****3041GR SCU**

Prod. SCU

Extra-quality. Characters in hardened special steel for punching metals. Cutting hardness HRc 60/61. Steel character-holder support with differentiated hardened head, splinter-proof. Possibility to compose words or numbers at different spacing, single-action punching. In box.

The set contains:

50 numerical characters (5pcs for each type from 0 to 9)

5 spacing punches

1 character-holder support

1 wrench included in the packing.

Characters height	mm	3	4	5
Max no. of chars in holder		8	8	8
Punches dimensions	mm	3x6x20	3x6x20	4x8x25

3041GR Each **559,00** **559,00** **559,00****3041GT SCU**

Extra-quality. Characters in hardened special steel for punching metals. Cutting hardness HRc 60/61. Steel character-holder support with differentiated hardened head, splinter-proof, and knurled shank. Possibility to compose words or numbers at different spacing, single-action punching. In box.

The set contains:

100 alpha-numerical characters and symbols as shown in the figure below the picture.

5 spacing punches

1 character-holder support

1 wrench included in the packing.

Characters height	mm	3	4	5
Max no. of chars in holder		13	10	8
Punches dimensions	mm	3x6x19	4x8x19	5x8x19

3041GT Each **631,00** **618,00** **618,00**



ZINC MARKING STENCIL SETS

Prod. SCU

In heavy zinc plate.
Number sets: 10 numbers.

SCU



3042

Characters height	mm	20	30	40	50	60	80	100
3042	Series	5,64	5,64	6,52	8,04	9,34	13,60	18,50

Characters height	mm	120	150	200	250
3042	Series	24,10	38,40	70,30	95,10

Product description as Art. 3042

Letter sets: 27 letters.

SCU



3043

Characters height	mm	20	30	40	50	60	80	100
3043	Series	15,10	15,10	19,60	20,80	23,30	31,40	45,10

Characters height	mm	120	150	200	250
3043	Series	57,60	95,50	153,00	227,00

ADJUSTABLE DISK CUTTERS

Prod. SCU

In steel. Wooden handle. Hardened steel knives. Graduated bar. For leather, cardboard, rubber, plastic seals, etc.

SCU



3074

With 1 knife.

For gaskets up to Ø	mm	200	400	600	800
3074	Each	81,50	88,20	95,10	107,00

Rod useful length	mm	100	200	300	400
3074	Each	81,50	88,20	95,10	107,00

Product description as Art. 3074

With 2 knives.

SCU



3075

For gaskets up to Ø	mm	200	400	600	800
3075	Each	98,20	105,00	116,00	129,00

Rod useful length	mm	100	200	300	400
3075	Each	98,20	105,00	116,00	129,00

Spare knives for Art. 3074 and 3075, 200-400-600-800mm.

O3075	Each	12,10
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In steel. Wooden handle, adjustable sliding bar. For leather, rubber, plastic, synthetic seals, etc.

SCU



3075G

With 1 knife.

For gaskets up to Ø	mm	300	400	500
3075G	Each	55,10	55,80	56,70

For spare knives see Art. 03076 G.

In steel, with adjustable sliding bar. For leather, rubber, plastic, synthetic seals, etc. Cylindrical shank Ø 17mm for use on drills.

SCU



3076G

With 1 knife.

For gaskets up to Ø	mm	600	800
3076G	Each	49,50	50,70

Spare knives for Art. 3075 G and 3076 G, all sizes.

O3076G	Each	7,54
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DISK CUTTERS AND RING CUTTERS

Prod. SCU

Use on drills.
Adjustable feet on graduated bar. HSS steel knives. Interchangeable centre drill. To obtain disks and rings with diameters of from 30mm to 200mm in wood, laminates, plywood, plastic laminates, leather, rubber, plastic, plaster, plasterboard, etc.
Hexagonal shank 10mm.
Complete. Weight: 300g.

SCU



3077GF

3077GF	Each	90,50
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A couple of spare knives for Art. 3077 GF.

O3077GFA	Per pair	23,40
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HSS



CORE DRILLS

3077GL SCU



HSS-Co

Prod. SCU

In HSS-M2 steel, CBN ground.

Cutting edges for right-hand rotation. To be used on pillar drills, magnetic or normal, with direct Weldon shank \varnothing 19mm. Particularly suitable for drilling I-beams, large steel plates, steel, light alloys, etc. Special cut geometry allows to increase drilling speed, much higher than that of conventional helical bits. The core drills are supplied with integral shank, without pilot bits. Suitable for use on pillar drills with magnet Art. 3078 G-3078 GA-3078 GE-3078 GL-3078 GP.

Cutting depth 30mm

\varnothing	mm	12	13	14	15	16	17	18	19	20	21	22	23	24	25
\varnothing 3077GL	Each	26,10	26,50	26,50	27,30	28,70	29,50	30,90	31,30	33,50	35,30	36,10	38,40	39,20	41,10
\varnothing 3077GL	Each	41,90	44,10	44,90	47,20	48,90	57,30	59,90	61,70	70,50	74,10	88,10	89,80	90,40	93,30
\varnothing 3077GL	Each	94,10	99,50	107,00	111,00	115,00	116,00	121,00	126,00	127,00	134,00	137,00	141,00	150,00	
\varnothing 3077GL	Each	157,00	161,00	164,00	170,00	174,00	201,00	217,00	284,00						

Crown mills Art. 3077 GL 61 to 75 mm Weldon 32 coupling for magnetic column drills Art. 3078 GL available on request.
Size mm 65 running out of stock.

Pilot bits 6.35x80mm, for Art. 3077 GL.

O3077GP	Each	7,96
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3077GM SCU



HSS-Co

Product description as Art. 3077GM

Cutting depth 50mm

\varnothing	mm	12	13	14	15	16	17	18	19	20	21	22	23	24	25
\varnothing 3077GM	Each	34,10	34,40	34,40	35,70	37,10	38,40	40,10	40,50	43,60	45,80	47,20	49,80	50,70	52,90
\varnothing 3077GM	Each	54,20	57,70	58,60	60,80	63,40	74,10	80,10	82,80	96,10	101,00	122,00	123,00	124,00	128,00
\varnothing 3077GM	Each	129,00	130,00	138,00	144,00	149,00	151,00	151,00	157,00	163,00	165,00	174,00	179,00	183,00	194,00
\varnothing 3077GM	Each	203,00	209,00	213,00	221,00	226,00	261,00	283,00	327,00	352,00					

Crown mills Art. 3077 GM 61 to 75 mm Weldon 32 coupling for magnetic column drills Art. 3078 GL available on request.
Sizes mm 61 and 64 running out of stock.

Pilot bits 6.35x105mm, for Art. 3077 GM.

O3077GP 1	Each	9,80
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3077GT SCU



HARTMETALL

Type with hard metal teeth.

Cutting edges for right-hand rotation. To be used on pillar drills, magnetic or normal, with direct Weldon shank \varnothing 19mm. Particularly suitable for drilling hard materials. Special cutting geometry allows extended tool life. The core drills are supplied with integral shank, without pilot bits. Suitable for use on pillar drills with magnet Art. 3078 G-3078 GA-3078 GE-3078 GL-3078 GP.

Cutting depth 30mm.

\varnothing	mm	16	17	18	19	20	21	22	23
\varnothing 3077GT	Each	82,30	82,30	82,30	82,30	82,30	86,90	86,90	86,90
\varnothing 3077GT	Each	86,90	86,90	93,10	93,10	99,80	99,80	99,80	107,00
\varnothing 3077GT	Each	107,00	113,00	113,00	113,00	138,00	175,00	176,00	

Pilot bits length 90mm, for Art. 3077 GT.

Size	1	2
\varnothing	6,35	8
For cutters \varnothing	16-17	18 a 50
O3077GT	Each	7,96
		11,70



MULTI-PURPOSE ELECTRIC DRILLING MACHINES

Prod. SCU

Professional model suitable for drilling with core bits, hole saws, drill tips (in rotation only) and for tapping. 230 V single-phase motor with infinitely variable speed control, rotation R+L, joint torque limiter, electronic overload protection, restart lock that prevents the automatic restart of the drill after an overload. Equipped with additional handle. Rack chuck att. 5/8, opening 3-16 mm.

SCU

CE 3078B

In case.

Boring capacity with crown mills made of MD	mm	15 - 30
Drilling capacity with crown drills and HSS hole saws	mm	12 - 60
Bores with tips (only rotation) up to	mm	20
Bores with MD drills for continuous boring	M	4 - 8
Threads with taps up to	M	12
Absorbed power	W	1300
Performance	W	800
Nominal speed	rev/min	0-2000
No-load speed	rev/min	3400
Weight	Kg	3,4
3078B	Each	1.430,00



ELECTRIC TAP MACHINE

Prod. SCU

Professional type for tapping steel and in aluminum, right rotation. 220-240 V single-phase motor with differentiated speed between the threading phase (slow) and the inversion phase (fast). Safety function and slightly tilting joint to facilitate the entry of the tap into the hole. Overload protection. Equipped with additional handle and depth stop for threads in blind holes. Chuck with locking screw.

SCU

CE 3078E

In case.

Threading capacity in steel/aluminum	M	6 - 18
Absorbed power	W	450
Tapping speed	rev/min	280
Reversing speed	rev/min	680
Weight	Kg	2,7
3078E	Each	1.020,00



PILLAR DRILLS WITH MAGNETIC SUPPORT

Prod. SCU

Angular-type, feeding through a lever that can be installed on both sides of the drilling machine. Suitable for drilling in confined areas. Sturdy manufacture, compact and handy, with magnetic support for vertical, horizontal and upside down use. 230 V-50/60 Hz monophasic motor with overload safety switch included. Equipped with locking device to avoid accidental start-up before the magnet is installed. Manual lubrication (see Art. 3100 M). Weldon shank Ø 19mm. In practical transport case.

SCU

3078G

Single speed.

Drilling capac. with drills	mm	12 - 35
Magnet traction force	N	15000
Magnet dimensions	mm	160x80
Power	W	1100
No-load speed	rev/min	650
Height	mm	200
Max cutting depth	mm	30
Weight	Kg	10
3078G	Each	1.250,00



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**3078GA** 

Sturdy manufacture, compact, light, with magnetic support for vertical, horizontal and upside down use. 230 V-50 Hz mono-phase motor with overload safety switch included. Equipped with locking device to avoid accidental start-up before the magnet is installed. Automatic lubrication. Weldon shank Ø 19mm. In handy case.

Single speed.

Drilling capac. with drills	mm	12 - 35
Bores with tips up to	mm	13
Magnet traction force	N	15000
Magnet dimensions	mm	160x80
Power	W	1100
No-load speed	rev/min	620
Height	mm	400
Max cutting depth	mm	50
Weight	Kg	12

3078GA Each **1.140,00**

Adapter complete with three-jaw chuck, opening 1,5-13mm, for drill Art. 3078 GA.

O3078GB Each **31,40****3078GE** 

Sturdy manufacture, compact, steady, with magnetic support for vertical, horizontal or upside down use. 230 V-50 Hz mono-phase motor with overload safety switch included. Equipped with locking device to avoid accidental start-up before the magnet is installed. Automatic lubrication. Weldon shank Ø 19mm. In handy case.

Double speed.

Drilling capac. with drills	mm	12 - 50
Bores with tips up to	mm	16
Magnet traction force	N	32000
Magnet dimensions	mm	200x100
Power	W	1800
No-load speed	rev/min	380/500
Height	mm	495
Max cutting depth	mm	75
Weight	Kg	22,9

3078GE Each **1.840,00**

Adapter complete with three-jaw chuck, opening 1-16mm, for drill Art. 3078 GE.

O3078GE Each **35,30****3078GL** 

Type with a 30° revolving basement, 20mm longitudinally adjustable. Sturdy and stable manufacture, with magnetic support for vertical, horizontal and upside down use. 230 V-50 Hz mono-phase motor with overload safety switch included. Equipped with locking device to avoid accidental start-up before the magnet is installed. Reverse rotation for tapping operation. Automatic lubrication. Weldon shaft Ø 19mm and CM 3. In handy case.

Four speed-model.

Drilling capac. with drills	mm	12 - 75
Threading capacity	M	3 - 14
Bores with tips cyl. drive up to	mm	16
Bores with tips, drive CM3 up to	mm	31,75
Magnet traction force	N	32000
Magnet dimensions	mm	200x100
Power	W	1800
No-load speed	rev/min	210/270/410/530
Height	mm	550
Max cutting depth	mm	100
Weight	Kg	27

3078GL Each **2.440,00**

CM 3 shaft adapter complete with three-jaw chuck, opening 3-16mm.

O3078GL Each **35,30**

CM 3/Weldon 32 adapter for core drills from Ø 66mm.

O3078GLA Each **168,00**

Socket holder chuck CM 3 for tap holder sockets from M 3 to 14.

O3078GLB Each **256,00**

Tap holder socket for taps DIN 371/376.

Size	1	2	3	4	5	6	7
For taps	M 3	4	5-6	8	10	12	14
Drive Ø	mm 3,5	4,5	6	8	10	9	11
O3078GLE	Each	74,90	74,90	74,90	74,90	74,90	74,90



BATTERY MAGNETIC-STAND DRILLING MACHINES

Prod. SCU

Sturdy body, compact, stable, with magnetic support for vertical, horizontal or upside down use. **HIGH NUMBER OF HOLES PER CHARGE.**

Equipped with a very powerful LITHIUM battery, removable and rechargeable in a short time (60 min). 230 V battery charger. With a device that allows the magnet to remain in traction even when the battery is low. Automatic lubrication. Weldon connection Ø 19 mm. In practical carry cases.

SCU

37V 3078GP

Boring capacity with cutter	mm	12 - 36
Bores with tip up to	mm	13
Magnet traction force	N	10000
Magnet dimensions	mm	160x80
Power	W	1500
No-load speed	rev/min	510
Battery voltage:	Volt	37-7.6 Ah Li
Height	mm	480/590
Max cutting depth	mm	55
Weight	Kg	15

3078GP Each **2.650,00**

Product running out of stock.

Spare charger for Art. 3078 GP.

O3078GP 1 Each **391,00**

Product running out of stock.

Spare battery for Art. 3078 GP.

O3078GP 2 Each **907,00**

Product running out of stock.



HOLE CUTTERS

Prod. SCU-Orig. MP.S

Bi-metal type in HSS steel, professional use.

Progressive variable tooththing.

To be used on portable or pillar drills. For drilling iron, steel, INOX, cast iron, non-ferrous metals, plastic, wood, etc. Particularly suitable for installers, forgers, sheet metal workers, etc.

Useful cutting depth 38mm.

Hole saw only.

SCU

3078GS

HSS



Ø	mm	14	16	17	19	20	21	22	24	25	27	29	30	32	33	35	37
Ø	inch	9/16	5/8	11/16	3/4	25/32	13/16	7/8	15/16	1	1.1/16	1.1/8	1.3/16	1.1/4	1.5/16	1.3/8	1.7/16
3078GS	Each	6,14	6,52	6,60	6,70	6,78	6,88	6,98	7,06	7,16	7,26	7,80	8,00	8,88	9,08	9,66	9,86
Ø	mm	38	40	41	43	44	45	46	48	50	51	52	54	55	57	59	60
Ø	inch	1.1/2	1.9/16	1.5/8	1.11/16	1.3/4	1.25/32	1.13/16	1.7/8	1.31/32	2	2.1/16	2.1/8	2.3/16	2.1/4	2.5/16	2.3/8
3078GS	Each	10,20	10,90	11,10	11,30	11,60	11,90	12,30	12,40	12,50	12,90	13,20	13,80	14,40	14,70	15,40	15,70
Ø	mm	64	65	67	68	70	73	75	76	79	83	86	89	92	95	98	100
Ø	inch	2.1/2	2.9/16	2.5/8	2.11/16	2.3/4	2.7/8	2.31/32	3	3.1/8	3.1/4	3.3/8	3.1/2	3.5/8	3.3/4	3.7/8	3.31/32
3078GS	Each	15,90	16,70	16,90	17,10	17,30	18,10	18,60	19,10	20,10	21,10	22,10	23,10	23,90	24,50	25,30	25,90
Ø	mm	102	105	108	111	114	121	127	140	146	152	168	190	200	210		
Ø	inch	4	4.1/8	4.1/4	4.3/8	4.1/2	4.3/4	5	5.1/2	5.3/4	6	6.5/8	7.1/2	7.7/8	8.9/32		
3078GS	Each	26,70	28,10	29,10	30,60	32,10	33,80	36,10	40,10	42,80	45,80	60,30	80,30	88,40	98,40		

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Bi-metal M42 steel model with 8% Cobalt content for high heat resistance and therefore higher durability of the saw.

For intensive use with portable drills or column. For drilling iron, steel, stainless steel, cast iron, non-ferrous metals, plastics, hard woods, etc.. Particularly suitable for electricians, installers, locksmiths, mechanics, carpenters, etc.

Usable depth of cut 38 mm.

Hole saw only.

SCU

3078GSA

M42



Ø	mm	14	16	17	19	20	21	22	24	25	27	29	30	32	33	35
Ø	inch	9/16	5/8	11/16	3/4	25/32	13/16	7/8	15/16	1	1.1/16	1.1/8	1.3/16	1.1/4	1.5/16	1.3/8
3078GSA	Each	10,40	10,60	10,80	11,10	11,10	11,40	11,60	11,80	12,10	12,50	12,80	13,20	13,30	13,70	14,10
Ø	mm	37	38	40	41	43	44	46	48	50	51	52	54	55	57	59
Ø	inch	1.7/16	1.1/2	1.9/16	1.5/8	1.11/16	1.3/4	1.13/16	1.7/8	1.31/32	2	2.1/16	2.1/8	2.3/16	2.1/4	2.5/16
3078GSA	Each	14,70	15,70	16,60	17,10	17,40	17,60	17,80	18,40	18,90	19,20	19,60	19,90	20,50	20,70	21,30
Ø	mm	60	64	65	67	68	70	73	75	76	79	83	86	89	92	95
Ø	inch	2.3/8	2.1/2	2.9/16	2.5/8	2.22/32	2.3/4	2.7/8	2.31/32	3	3.1/8	3.1/4	3.3/8	3.1/2	3.5/8	3.3/4
3078GSA	Each	21,70	22,40	22,90	23,60	23,90	24,30	25,50	26,10	26,10	27,10	27,90	28,80	29,80	30,80	32,20
Ø	mm	98	100	102	105	108	111	114	121	127	133	140	146	152		
Ø	inch	3.7/8	3.31/32	4	4.1/8	4.1/4	4.3/8	4.1/2	4.3/4	5	5.15/64	5.1/2	5.3/4	6		
3078GSA	Each	33,10	34,10	34,20	35,10	36,30	37,80	38,90	41,40	43,50	45,40	48,70	51,10	53,40		



3078GSE **SCU**



HARTMETALL



With hard metal teeth, professional use. Alternated teeth, fixed toothing, 3 teeth/inch. To be used on portable or pillar drills. High abrasion resistance and long tooth and sharpening life. For drilling carbonium fiberglass, graphite, hard steel, Titanium alloys, cast iron, etc. Useful cutting depth 40mm.

Hole saw only.

Ø	mm	19	21	22	25	27	29	30
Ø	inch	3/4	13/16	7/8	1	1.1/16	1.1/8	1.3/16
3078GSE	Each	20,00	20,00	20,20	21,50	22,20	22,70	23,50
Ø	mm	32	35	38	40	41	44	51
Ø	inch	1.1/4	1.3/8	1.1/2	1.9/16	1.5/8	1.3/4	2
3078GSE	Each	23,60	24,10	24,50	25,40	25,90	27,20	31,30
Ø	mm	54	57	60	64	76	79	83
Ø	inch	2.1/8	2.1/4	2.3/8	2.1/2	3	3.1/8	3.1/4
3078GSE	Each	34,10	35,10	36,60	38,90	45,90	49,70	50,90
Ø	mm	86	89	92	95	102	114	121
Ø	inch	3.3/8	3.1/2	3.5/8	3.3/4	4	4.1/2	4.3/4
3078GSE	Each	54,10	54,70	55,90	57,40	61,20	88,70	96,60
Ø	mm	127	140	152				
Ø	inch	5	5.1/2	6				
3078GSE	Each	99,30	105,00	110,00				

3078GSP **SCU**



HARTMETALL



With teeth coated with hard metal grains, professional use. To be used on portable and pillar drills. For aggressive but uniform, quick and light cutting. Long tooth and sharpening life. For drilling all kinds of abrasive and hard materials such as fiberglass, carbonium, kevlar, graphite, concrete, marble, granite, ceramic, cast iron, etc. Useful cutting depth 40mm.

Hole saw only.

Ø	mm	16	19	20	22	25	29	32	35
Ø	inch	5/8	3/4	25/32	7/8	1	1.1/8	1.1/4	1.3/8
3078GSP	Each	6,20	7,00	7,28	7,76	8,60	9,60	10,30	11,10
Ø	mm	38	44	48	51	54	57	60	64
Ø	inch	1.1/2	1.3/4	1.7/8	2	2.1/8	2.1/4	2.3/8	2.1/2
3078GSP	Each	13,10	13,40	14,10	15,20	16,10	17,10	18,10	19,10
Ø	mm	70	76	83	86	95	102	114	
Ø	inch	2.3/4	3	3.1/4	3.3/8	3.3/4	4	4.1/2	
3078GSP	Each	21,10	22,70	24,70	25,90	28,40	30,30	34,10	

3078GST **SCU**



1/4"

DIAMANTATE



Diamond type for drilling the hardest materials like porcelain, glass, ceramic, granite, marble, travertine, slate, porcelain tiles. They do not require large amounts of water: it is sufficient to immerse them every 5 working seconds in a small container of water in order to obtain the necessary cooling. In this case it is recommended the entrance to 45° with respect to the material to be drilled. Integral hexagonal socket 1/4" DIN 3126 E 6,3, also ideal for power and cordless tools. Total length 65 mm. Useful cutting depth 11.5 mm.

Ø	mm	4,8	6,4	7,9	9,5	12,7	15,9	19,1	25,4	34
Ø	inch	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1.3/8
3078GST	Each	23,90	24,30	24,90	25,30	33,90	39,70	43,40	47,10	60,80

For diamond-type bits see Art. 1334 GC.

3078GSV **SCU**



DIAMANTATE



Diamond type for drilling the hardest materials like porcelain, glass, ceramic, granite, marble, travertine, slate, porcelain tiles. They do not require large amounts of water: it is sufficient to immerse them every 5 working seconds in a small container of water in order to obtain the necessary cooling. For drills with standard shanks Art. 3078 GT 1A - 2 and, if needed, with the specific centering tip Art. 3078 GUE. For grinders using the adapters Art. O3078 GSV 1 and O3078 GSV 2 without pilot bit. In this case it is recommended the entrance to 45° with respect to the material to be drilled. Useful cutting depth 40 mm.

Hole saw only.

Ø	mm	22	29	32	35	38	44	51
Ø	inch	7/8	1.1/8	1.1/4	1.3/8	1.1/2	1.3/4	2
3078GSV	Each	32,80	37,60	40,70	43,10	45,10	49,40	53,80
Ø	mm	64	68	83				
Ø	inch	2.1/2	2.11/16	3.1/4				
3078GSV	Each	62,50	65,60	70,90				

ADAPTERS ONLY for use with grinders for diamond hole saws Art. 3078 GSV (NOT SUITABLE FOR OTHER TYPES OF HOLE SAWS).

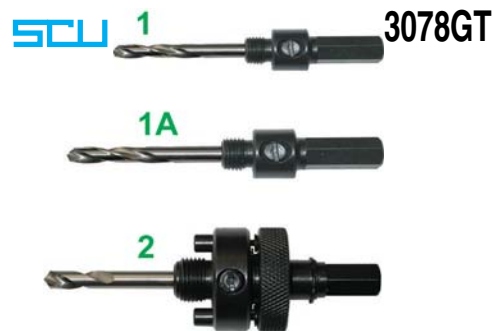
Size	1	2
Ø drive female/male	M 14-1/2"	M 14-5/8"
For hole saws Ø	mm 22 - 29	32 - 83
O3078GSV	Each	13,90

Prices in EURO . VAT not included



SHANKS FOR ART. 3078 GS - 3078 GSA - 3078 GSE - 3078 GSP - 3078 GSV GSP WITH PILOT BIT

Size		1	1A	2
Hexagonal drive	mm	9,5	11	11
For hole saws Ø	mm	14-30	14-30	32-210
UNF thread Ø	inch	1/2	1/2	5/8
3078GT	Each	8,88	8,88	15,20



SDS-PLUS SHANKS FOR ART. 3078 GS - 3078 GSA - 3078 GSE - 3078 GSP - 3078 GSV WITH PILOT BIT

Size		1	2
For hole saws Ø	mm	14-30	32-210
UNF thread Ø	inch	1/2	5/8
3078GTE	Each	12,70	24,30



SPARE BITS

For shanks Art. 3078GTx1-1A-2 and Art. 3078GTEx1-2.
Length 70mm. Diameter 6.35mm.

3078GU	Each	3,62
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Tips for hole saws Art. 3078 GSV.

For coupling Art. 3078GTx1A-2 and Art. 3078GTEx1-2.
Length 70mm. Diameter 6.35 mm.

3078GUE	Each	25,10
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EXTENSIONS

Length 300mm. For shanks Art. 3078 GTx1A-2.

3078GV	Each	10,50
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HOLE CUTTER SETS

Prod. SCU-Orig. MP.S

Bi-metal type in HSS steel, professional use.

Progressive variable tothing, with special drill between one tooth and the other to optimize chip discharge (chip-breaker). For longer saw life, best safety and shorter cutting times.

To be used on portable or pillar drills. For drilling iron, steel, stainless steel, cast iron, non-ferrous metals, plastic, wood, etc. Particularly suitable for installers, forgers, sheet metal workers, etc.

Useful cutting depth 38mm.

Number of hole saws: 6.

Sizes Art. 3078 GS: mm 22-29-35-44-57-68

Shanks Art. 3078 GT: Gr. 1A pcs. 1

Shanks Art. 3078 GT: Gr. 2 pcs. 1

In a plastic case.

3078GZ 2	Each	85,30
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Product description as Art. 3078GZ 1

Number of hole saws: 6

Sizes Art. 3078 GS: 19-22-29-38-44-57mm

Shanks Art. 3078 GT: Size 1A - 1pc

Shanks Art. 3078 GT: Size 2 - 1pc

In plastic case.

3078GZ 4	Each	81,90
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Product description as Art. 3078GZ 1

Number of hole saws: 6

Sizes Art. 3078 GS: mm 20-25-32-35-50-68

Shanks Art. 3078 GT: Gr. 1A - 1pc

Shanks Art. 3078 GT: Gr. 2 - 1pc

In plastic case.

3078GZ 5	Each	85,90
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Product description as Art. 3078GZ 1

Number of hole saws: 12

Sizes Art. 3078 GS: 16-19-22-25-29-32-35-38-45-51-64-76mm

Shanks Art. 3078 GT: Size 1A - 1pc

Shanks Art. 3078 GT: Size 2 - 1pc

Pilot bits Art. 3078 GU: 3pcs

In plastic case.

3078GZ 8	Each	168,00
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**3078GZ 20** SCU

Bi-metal M42 steel model with 8% Cobalt content for high heat resistance and therefore higher durability of the saw.

For intensive use with portable drills or column. For drilling iron, steel, stainless steel, cast iron, non-ferrous metals, plastics, hard woods, etc. Particularly suitable for electricians, installers, locksmiths, mechanics, carpenters, etc.

Usable depth of cut 38 mm.

Number of hole saws: 6

Sizes Art. 3078 GSA: mm 19-22-29-38-44-57

Shanks Art. 3078 GT: Size 1A – 1pc

Shanks Art. 3078 GT: Size 2 – 1pc

In plastic case.

3078GZ 20 Each **134,00**

3078GZ 40 SCU

With hard metal teeth, professional use. Alternated teeth, fixed toothings, 3 teeth/inch. To be used on portable or pillar drills. High abrasion resistance and long tooth and sharpening life. For drilling carbonium fiberglass, graphite, hard steel, Titanium alloys, cast iron, etc. Useful cutting depth 40mm.

Number of hole saws: 6

Sizes Art. 3078 GSE: mm 22-29-35-44-57-68

Shanks Art. 3078 GT: Size 1A – 1pc

Shanks Art. 3078 GT: Size 2 – 1pc

In plastic case.

3078GZ 40 Each **192,00**

3078GZA SCU

Product description as Art. 3078GZ 40

Number of hole saws: 11

Sizes Art. 3078 GSE: 19-22-25-30-35-40-51-60-79-86-114mm

Shanks Art. 3078 GT: Size 1A pcs. 1

Shank Art. 3078 GT: Size 2 pcs. 1

Extension Art. 3078 GV: pcs. 1

In plastic case.

3078GZA Each **440,28**

3078GZL SCU

With teeth coated with hard metal grains, professional use. To be used on portable and pillar drills. For aggressive but uniform, quick and light cutting. Long tooth and sharpening life. For drilling all kinds of abrasive and hard materials such as fiberglass, carbonium, kevlar, graphite, concrete, marble, granite, ceramic, cast iron, etc. Useful cutting depth 40mm.

Number of hole saws: 6

Sizes Art. 3078 GSP: 16-20-25-32-38-51mm

Shanks Art. 3078 GT: Size 1 pcs. 1

Shanks Art. 3078 GT: Size 1A pcs. 1

Shanks Art. 3078 GT: Size 2 pcs. 1

Extension Art. 3078 GV: pcs. 1

In plastic case.

3078GZL Each **114,74**

Product description as Art. 3078GZL

Number of hole saws: 6

Sizes Art. 3078 GSP: mm 22-32-38-51-64-83

Shanks Art. 3078 GT: Size 1A – 1pc

Shanks Art. 3078 GT: Size 2 – 1pc

In plastic case.

3078GZM Each **129,00**



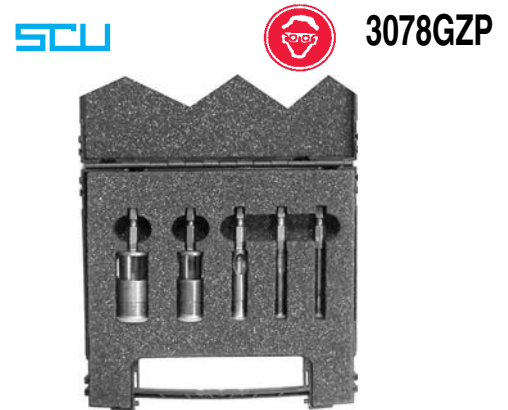
Diamond type for drilling the hardest materials like porcelain, glass, ceramic, granite, marble, travertine, slate, porcelain tiles. They do not require large amounts of water: it is sufficient to immerse them every 5 working seconds in a small container of water in order to obtain the necessary cooling. In this case it is recommended the entrance to 45° with respect to the material to be drilled. Integral hexagonal socket 1/4" DIN 3126 E 6,3, also ideal for power and cordless tools. Total length 65 mm. Useful cutting depth 11.5 mm.

Number of hole saws: 5

Sizes Art. 3078 GST: mm 4,8-6,4-9,5-15,9-19,1

3078GZP Each **165,00**

For assortment of diamond type bits see Art. 1334 GTE.



Diamond type for drilling the hardest materials like porcelain, glass, ceramic, granite, marble, travertine, slate, porcelain tiles. They do not require large amounts of water: it is sufficient to immerse them every 5 working seconds in a small container of water in order to obtain the necessary cooling. For drills with standard shanks Art. 3078 GT 1A - 2 and, if needed, with the specific centering tip Art. 3078 GUE. For grinders using the adapters Art. O3078 GSV 1 and O3078 GSV 2 without pilot bit. In this case it is recommended the entrance to 45° with respect to the material to be drilled. Useful cutting depth 40 mm.

Number of hole saws: 6

Sizes Art. 3078 GSV: mm 22-32-38-51-64-83

Shanks Art. 3078 GT: Size 1A – 1pc

Shanks Art. 3078 GT: Size 2 – 1pc

In plastic case.

3078GZR Each **342,00**





HOLE CUTTERS

3079SA

SCU

HSS

Prod. SCU



Professional type in HSS steel for use on pillar and portable drills (for rotation only). Cutting blades with side discharge. Suitable for drilling iron, steel, stainless steel, cast iron, aluminium and non-ferrous metals up to thickness 8mm. Hole cutters are provided complete with cylindrical shank with shelves (starting from Ø 18 mm) and pilot bit, interchangeable in HSS Ø 6mm up to Ø 50mm. From Ø 52mm with pilot bit Ø 8mm. Complete hole cutter, with ejection spring.

Ø	mm	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Drive Ø	mm	8	8	8	8	10	10	10	10	10	10	10	10	10	10
3079SA	Each	14,90	15,80	16,10	16,30	16,60	16,80	17,10	17,80	18,60	19,50	20,40	21,20	22,10	23,10
Ø	mm	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Drive Ø	mm	10	10	10	12	12	12	12	12	12	12	12	12	12	12
3079SA	Each	23,70	24,50	25,40	26,20	27,10	28,10	28,90	29,70	31,50	32,40	33,40	34,30	35,10	36,10
Ø	mm	42	43	44	45	46	48	50	52	55	60	65	70	75	80
Drive Ø	mm	12	12	12	12	12	12	12	12	12	12	12	12	12	12
3079SA	Each	36,70	37,80	38,60	39,50	40,40	42,10	43,80	55,80	58,80	64,20	80,30	86,30	95,50	102,00

TIN-coated hole cutters available on request.

SPARE CONNECTIONS FOR ART. 3079 SA - 3079 SE WITH PILOT BIT

Diameter 8mm (for cutters 14 to 17mm).

O3079SA 170 Each 6,34

Diameter 10mm (for cutters 18 to 30mm).

O3079SA 300 Each 6,44

Diameter 12mm (for cutters 31 to 50mm).

O3079SA 500 Each 6,92

Diameter 12mm (for cutters 52 to 80mm).

O3079SA 800 Each 8,30

SPARE BITS FOR ART. 3079 SA, 3079 SE, O3079 SA AND 3079 T

Diameter 6mm for Art. 3079 SA 14 to 50 - 3079 SE 18 to 50, Art. O3079 SA 170-300-500 and Art. 3079 T 30.

O3079SAP 6 Each 2,06

Diameter 8mm for Art. 3079 SA - 3079 SE from 52 to 80, Art. O3079 SA 800 and Art. 3079 T 80.

O3079SAP 8 Each 2,22

3079SE

SCU

HSS-E

Professional type in HSS steel for use on pillar and portable drills (for rotation only). Cutting blades with side discharge. Suitable for drilling iron, steel, stainless steel, cast iron, aluminium and non-ferrous metals up to thickness 15mm. Hole cutters are provided complete with cylindrical shank with pilot bit, interchangeable, in HSS Ø 6mm up to Ø 50mm. From Ø 52mm with pilot bit Ø 8mm. Complete hole cutter, with ejection spring.



Ø	mm	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drive Ø	mm	10	10	10	10	10	10	10	10	10	10	10	10	10	12
3079SE	Each	19,80	20,90	22,10	23,10	24,20	25,30	26,40	27,50	28,60	29,70	30,80	31,90	33,10	34,10
Ø	mm	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Drive Ø	mm	12	12	12	12	12	12	12	12	12	12	12	12	12	12
3079SE	Each	35,20	36,30	37,40	38,50	39,60	40,70	41,80	42,90	44,10	46,20	47,30	48,40	49,50	50,60
Ø	mm	46	47	48	49	50	52	55	60	65	70	75	80		
Drive Ø	mm	12	12	12	12	12	12	12	12	12	12	12			
3079SE	Each	51,70	52,80	53,90	55,10	56,10	72,60	77,10	83,50	93,50	102,00	124,00	132,00		

3079T 30

SCU

HSS

ACCESSORIES FOR HOLE CUTTERS

CM 2 conical shank with pilot bit for cutters Art. 3079 SA - 3079 SE from 18 to 30.

3079T 30 Each 23,30

For spare bits for conical shanks Art. 3079 T 30 see Art. O3079 SAP 6.



3079T 80

SCU

HSS

ACCESSORIES FOR HOLE CUTTERS

CM 2 conical shank with pilot bit for cutters Art. 3079 SA - 3079 SE from 31 to 80.

3079T 80 Each 23,60

For spare bits for conical shanks Art. 3079 T 80 see Art. O3079 SAP 8.





HOLE CUTTER SETS

Prod. SCU

Professional type in HSS steel for use on pillar and portable drills (for rotation only). Cutting blades with side discharge. Suitable for drilling iron, steel, stainless steel, cast iron, aluminium and non-ferrous metals up to thickness 8mm. Hole cutters are provided complete with cylindrical shank with pianetti and pilot bit, interchangeable in HSS Ø 6mm up to Ø 50mm. From Ø 55mm with pilot bit Ø 8mm. Complete hole cutter, with ejection spring (starting from Ø 25mm).

Composition:

16 hole cutters Art. 3079 SA 15-16-17-19-21-22-25-26-27-28-30-32-35-38-40-50mm.

On wooden display.

3079V	Each	434,90
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SCU

3079V



HSS



HOLE CUTTERS

Orig. Marvel

Industrial type in HSS steel with reinforced body, for use on hand and pillar drills. For drilling thin high-resistance steel, alloy steel, stainless steel, cast iron, etc. Sand finish. Useful cutting depth 6mm. Only hole saws.



3080GA

HSS



Ø	mm	14	15	16	17	19	21	22	24	25	26	27	28	29	30	32	33	34
3080GA	Each	14,20	14,20	16,30	16,30	16,30	20,70	20,70	20,70	25,10	25,10	25,10	29,40	29,40	29,40	29,40	37,70	37,70
Ø	mm	35	36	37	38	40	41	42	43	44	46	48	50	51	52	54	57	60
3080GA	Each	37,70	37,70	53,20	53,20	53,20	53,20	53,20	60,90	60,90	60,90	69,30	69,30	69,30	69,30	69,30	82,40	82,40
Ø	mm	64	65	67	70	73	76	79	83	86	89	92	95	98	100			
3080GA	Each	82,40	82,40	91,50	91,50	150,00	150,00	150,00	150,00	204,00	204,00	204,00	204,00	239,00	239,00			

SHANKS FOR ART. 3080 GA WITH PILOT BIT

Size		2	3	4	5
Hexagonal drive	mm	7,5	9,5	12,5	12,5
For hollow mill 3080GA by	mm	14-19	21-57	60-100	83-100
MF thread Ø	mm	11x1,5	14x1,5	16x1,5	16x1,5
3080GB	Each	13,20	13,20	14,10	14,10

Size 5 running out of stock



3080GB



SPARE BITS FOR ART. 3080 GB

Length 60mm. Diameter 6mm for Art. 3080 GB x 2-3-4.

3080GC	Each	9,90
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SPARE BITS FOR ART. 3080 GB

Length 50mm. Diameter 8mm for Art. 3080 GB x 5.

3080GD	Each	19,40
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Product 3080GD running out of stock



3080GC
3080GD



Prod. SCU

Professional type. Hard metal cutting edges, hot welded to HSS steel body. For rigid and resistant synthetic materials, stainless steel, up to 2mm, alloy steel, cast iron up to 4mm thick.

Useful cutting depth 12mm.

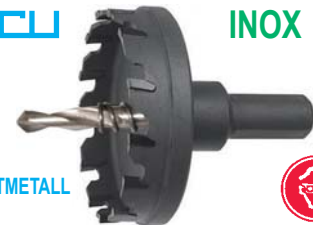
Hole saws are supplied with cylindrical shank and interchangeable HSS pilot bits Ø 6mm.

Complete hole saw, with ejection spring.

SCU

INOX 3080GT

HARTMETALL



Ø	mm	16	17	18	19	20	21	22	23	24	25	26	27	28	30	32
Drive Ø	mm	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3080GT	Each	35,20	35,20	35,20	35,20	35,20	35,20	35,20	35,20	35,20	39,30	39,30	39,30	39,30	39,30	45,50
Ø	mm	33	34	35	38	39	40	41	42	43	45	48	50	51	52	55
Drive Ø	mm	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3080GT	Each	45,50	45,50	45,50	52,80	53,80	52,80	62,10	62,10	62,10	62,10	64,20	64,20	70,40	70,40	70,40
Ø	mm	60	62	64	65	68	70	75	80	85	90	100				
Drive Ø	mm	10	10	10	10	10	10	10	10	10	10	10				
3080GT	Each	78,60	85,90	85,90	85,90	99,30	99,30	108,00	118,00	131,00	131,00	145,00				

Size mm 39 running out of stock

SPARE HSS BITS FOR ART. 3080 GT.

Size		2
Ø	mm	6
Length	mm	52
O3080GT	Each	8,80

The Ø of the connections of the guide tips are approximate and not binding.



3080GV



INOX



HARTMETALL



Orig. Marvel

Industrial type. Hard metal cutting edges, hot welded to HSS steel body. For rigid and resistant synthetic materials, stainless steel, ally steel.
Useful cutting depth 12mm. Only hole saws.

Ø	mm	16	17	19	20	21	22	23
3080GV	Each	52,10	52,10	52,10	52,10	61,10	61,10	61,10
Ø	mm	24	25	27	28	30	32	35
3080GV	Each	61,10	61,10	72,70	72,70	72,70	86,40	86,40
Ø	mm	38	40	41	42	45	48	50
3080GV	Each	103,00	103,00	122,00	122,00	122,00	140,00	140,00
Ø	mm	51	54	55	60	65	70	75
3080GV	Each	158,00	158,00	158,00	199,00	199,00	217,00	237,00
Ø	mm	80	85	90	95	100		
3080GV	Each	253,00	288,00	314,00	325,00	352,00		

3080GVA



SHANKS FOR ART. 3080 GV WITH PILOT BIT

Size	0	1	2	3	
Hexagonal drive Ø	mm 7,5	9,5	12,5	12,5	
For hollow mill 3080 GV by	mm 16-19	20-55	60-100	90-100	
MF thread Ø	mm 11x1,5	14x1,5	16x1,5	16x1,5	
3080GVA	Each	13,20	13,20	14,10	14,10

Size 3 running out of stock

**3080GVB
3080GVC**



SPARE BITS FOR ART. 3080 GVA

Diameter 6mm for Art. 3080 GVA x 0-1-2.

3080GVB	Each	9,90
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SPARE BITS FOR ART. 3080 GVA

Diameter 8mm for Art. 3080 GVA x 3.

3080GVC	Each	19,40
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Product 3080GVC running out of stock

3080GZ

SCU

INOX



HARTMETALL



Prod. SCU

Deep-cut, professional type.
Hard metal cutting edges, hot welded to HSS steel body.
For rigid and resistant synthetic materials, stainless steel, up to 2mm, alloy steel, cast iron up to 4mm thick.

For saws Ø 16 to 60mm.: working cutting depth 35mm.

For saws from Ø 64mm to 100mm: working cutting depth 55mm.

The hole saws are supplied complete with cylindrical shank with interchangeable HSS pilot bit Ø 6mm up to size Ø 75mm.

From size Ø 80mm, with pilot bit Ø 8mm.

Complete hole saw, with ejection spring.

Ø	mm	20	22	25	30	31	32	35	40	45	50
Drive Ø	mm	10	10	10	10	10	10	10	10	10	10
3080GZ	Each	55,90	55,90	55,90	70,40	78,10	76,60	76,60	91,10	95,20	108,00
Ø	mm	60	64	65	68	70	75	80	85	90	100
Drive Ø	mm	10	10	10	13	13	13	13	13	13	13
3080GZ	Each	123,00	131,00	131,00	158,00	158,00	174,00	185,00	199,00	211,00	242,00

Size mm 31 running out of stock

Spare HSS bits for Art. 3080 GZ.

Ø	mm	6	8
Length	mm	77	104
O3080GZ	Each	8,80	13,50

The Ø of the connections of the guide tips are approximate and not binding.

PUNCHING TOOLS

3081

SCU



Prod. SCU

In forged steel. Polished, ground, hardened cutting edge.
For punching cardboard, leather, plastic seals.

For gaskets Ø	mm	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
3081	Each	8,60	8,60	8,60	8,80	8,80	9,00	9,00	9,12	9,12	9,70	9,70	10,70	10,70	12,30	12,30
For gaskets Ø	mm	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
3081	Each	13,80	13,80	14,90	14,90	15,80	15,80	17,50	17,50	20,60	20,60	24,30	24,30	29,50	29,50	32,80
For gaskets Ø	mm	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
3081	Each	32,80	34,10	34,10	35,40	35,40	37,50	37,50	39,30	39,30	40,90	40,90	43,50	43,50	47,60	47,60
For gaskets Ø	mm	47	48	49	50	52	54	56	58	60	65	70	75	80	90	100
3081	Each	51,90	51,90	58,20	58,20	65,50	77,70	93,80	108,00	117,00	170,00	229,00	537,00	610,00	784,00	1.030,00



PUNCHING TOOLS SETS

Prod. SCU

In forged steel. Polished, ground, hardened cutting edge. For punching cardboard, leather, plastic seals.

The set contains:

19 bow-shaped hollow punches 2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20mm.

In wrapping bag.

3081S Each 228,00

SCU

3081S



Punches made from hardened steel, hardness HRC 56 to 58. Innovative patented grips, with an ergonomic handle, which allow for the hand to be away from the hammering area, reduce stress, absorb more vibration, transmit greater strength to the cutters and the new sealing spindle of the punching device ensures strong locking.

The punches from 3 mm to 10 mm have a threaded connection to be screwed to the handle; from 12 mm onwards they are locked by bayonet. Possibility of including sealing rings in one go using two or more punches simultaneously. Suitable for cutting dyed leather, rubber, reinforced rubber, cardboard, plastics, flexible plastic material and lead.

Set of 15 punches mm 3-4-6-8-10-12-14-16-18-20-22-24-26-28-30.

Set with handle, in box.

3087GB Each 217,00

SCU

3087GB



Product description as Art. 3087GB

Set of 29 punches mm 2-3-4-5-6-7-8-9-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40-42-44-46-48-50.

Set with 1 handle, 1 adaptor and 1 centring tip, in box.

3087GD Each 403,00

SCU

3087GD



Replacement punch handles.

Size	30	50
For sortiment Art.	3087 GB	3087 GD
3087GL Each	92,90	93,80

For spare punches see Art. 3089 GF.

Adapter and spare pilot drill bit, only for series Art. 3087 GD, available on request.

SCU

3087GL



Punches made from hardened steel, hardness HRC 56 to 58. Sturdy handles made from special carbon steel, and chrome plated. Punches measuring 3 mm to 10 mm have to be screwed into the threaded handle (MF 13x1); 12 mm and above can be locked in with a bayonet mount.

Possibility of including sealing rings in one go using two or more punches simultaneously (except for Art.) 3089 G). Suitable for cutting dyed leather, rubber, reinforced rubber, cardboard, plastics, flexible plastic material and lead.

Set of 9 punches size 2-3-4-5-6-7-8-9-10mm

Set complete with handle, in tray.

3089G Each 96,30

SCU

3089G





3089GA **SCU**



Product description as Art. 3089G
Set of 10 punches size 3-4-6-8-10-12-14-16-18-20mm
Set complete with handle, in box.

3089GA	Each	103,00
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3089GF **SCU**



Replacement punches as for Art. 3087 GB-GD e Art. 3089 G-GA-GB-GC-GD-GE.

For gaskets Ø	mm	2	3	4	5	6	7	8
3089GF	Each	9,90	9,90	9,90	9,90	9,90	9,90	9,90
For gaskets Ø	mm	9	10	12	14	16	18	20
3089GF	Each	9,90	9,90	11,60	11,60	11,60	11,60	11,60
For gaskets Ø	mm	22	24	26	28	30	32	34
3089GF	Each	15,10	15,10	15,10	15,10	15,10	19,10	19,10
For gaskets Ø	mm	36	38	40	42	44	46	48
3089GF	Each	19,10	19,10	19,10	23,10	23,10	23,10	23,10
For gaskets Ø	mm	50	52	54	56	58		
3089GF	Each	23,10	50,60	50,60	50,60	50,60		

Sizes mm 52, 54, 56 and 58 running out of stock

3089GL **SCU**



Replacement punch handles.

Size	10	20
For sortiments Art.	3089G	3089GA
3089GL	Each	24,70 38,70

Size 10 with threaded connection MF 13x1.

3090GA **SCU**



Industrial type. Special steel hollow punches. Polished, ground, hardened cutting edge. Sturdy handle suitable for all diameters. Hollow punches ranging from 3 to 10mm with thread shank for being screwed into handle; from 12mm hollow punches are pressure connected. Possibility to obtain ring seals in one operation by inserting two or more hollow punches. Suitable for punching leather, rubber, reinforced rubber, cardboard, flexible plastic materials, synthetic and composite materials. In sturdy case.

Set of 10 hollow punches 3-4-6-8-10-12-14-16-18-20mm
In box, with handgrip.

3090GA	Each	125,00
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3090GB **SCU**



Product description as Art. 3090GA

Set of 15 hollow punches 3-4-6-8-10-12-14-16-18-20-22-24-26-28-30mm
In box, with handgrip.

3090GB	Each	187,00
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9



Product description as Art. 3090GA

Set of 20 hollow punches 3-4-6-8-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40mm
In box, with handgrip.

3090GC Each **287,00**

SCU

3090GC



Product description as Art. 3090GA

Set of 25 hollow punches 3-4-6-8-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40-42-44-46-48-50mm
In box, with handgrip.

3090GD Each **378,00**

SCU

3090GD



Product description as Art. 3090GA

Set of 30 hollow punches 3-4-6-8-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40-42-44-46-48-50-52-54-56-58-60mm
In box, with 2 handgrips and disk cutter up to Ø 500mm.

3090GE Each **672,00**

SCU

3090GE



Spare hollow punches for Art. 3090 GA-GB-GC-GD-GE.

For gaskets Ø	mm	3	4	6	8	10	12	14
3090GF	Each	8,50	8,50	8,50	8,50	8,50	11,50	11,50
For gaskets Ø	mm	16	18	20	22	24	26	28
3090GF	Each	11,50	11,50	11,50	14,80	14,80	14,80	14,80
For gaskets Ø	mm	30	32	34	36	38	40	42
3090GF	Each	14,80	19,40	18,90	19,40	19,40	19,40	21,10
For gaskets Ø	mm	44	46	48	50	52	54	56
3090GF	Each	21,10	21,10	21,10	21,10	41,10	41,10	41,10
For gaskets Ø	mm	58	60					
3090GF	Each	41,10	41,10					

SCU

3090GF



Spare handle for hollow punches Art. 3090 GA-GB-GC-GD-GE.

Size		20	30	40	50	60
For dinking dies Ø	mm	3-20	3-30	3-40	3-50	3-60
3090GR	Each	36,40	54,90	62,70	89,40	103,00

SCU

3090GR



NEW!

NEW ITEMS GROUP 10



ewo

3101LE

Professional cleaning products
▶ P. 764



ACCESSORIES FOR WELDING WITH LIQUEFIED GASES

3247GEP-GER ▶ P. 775



3249ZV

Surface temperature indicators
▶ P. 779



ELECTRIC HOT AIR DUCTS

3250FP-FR-FT
▶ P. 782



ELECTRIC GUNS FOR GLUE

3252BP, 3252F 7
▶ P. 785, 786



DIGITAL WELDING STATIONS

3268M-MA, 3268RE-RF
▶ P. 793, 794



3295EP

Magnetic flat squares
▶ P. 799



TIN WELDING WIRES

3361GBE-GT
▶ P. 799, 800



3369G

Paste deoxidizer for welding
▶ P. 801



3398R 7

Protective gloves, light type
▶ P. 812



3403E 21

Protective knee pads, universal type
▶ P. 818



PVC WATERPROOF BOOTS

3403EL-EM
▶ P. 818



INDOOR PROTECTION SHOES

3403MZ-MZA
▶ P. 821



CANISTERS AND ACCESSORIES

3405V-Z-ZA ▶ P. 824, 825



3423ZP

Battery-operated greasing pumps, professional type ▶ P. 832



3424D

LITHIUM grease cartridges
▶ P. 833



3424GZ 475

Set of greasers
▶ P. 835



3425C

Heads for greasers drive M 10x1
▶ P. 835



PUMPS FOR DECANTING

3428GCE-GDP
▶ P. 840, 841



MARKERS FOR SECURITY CONTROL

3429 20-21-22-23-24-25-26
▶ P. 845



3444GB

Electric guns for painting, professional type ▶ P. 849



3444L

Guns for silicon, made of sheet steel ▶ P. 850



3444RE

Guns for silicon, compressed air type ▶ P. 851



3444VT

Guns for polyurethane foams
▶ P. 851



3473ZG

Hand tools suitable for pulling and cutting the INOX clamps ▶ P. 882



WELDING TOOLS - PERSONAL PROTECTION TOOLS TOOLS FOR COMPRESSED AIR-GAS TREATMENT

All items are in sequence. It's very easy to find them!

Products for tracing
Solvents
Aerosol products
Cutting fluids
Cleansing products
Products for cleaning hands



From **3095**
To **3101S**

Gas welding tools
and accessories



From **3140GA**
To **3250CE**

Expanding polystyrene
tools
Hot air tools



From **3250FE**
To **3252 9**

Glue guns
Gas and electric
soldering tools
Arc welding machines
Electrodes
Arc welding accessories
Welding materials



From **3252 30**
To **3380GB**

Personal protection tools



From **3381**
To **3403MZA**

Pouring tools
Greasing systems
Adhesives and
bonding agents



From **3403P**
To **3429 26**

Tools for sand-blasting, painting
and washing
Inflator tools
Guns for silicon and sealing
Silicon cartridges
Sealing cartridges



From **3429A**
To **3461GB**

Tools, accessories and
components for air compressed



From **3461GL**
To **3473GV 2**

Cable ties
Cutters for cable ties
Joints
Couplings
Clutches
Valves



From **3473H**
To **3485GC**





DRESSING PASTE BLUE

3095 SCU



Prod. SCU

Model for monitoring surface areas and for tracking all types of metals. High visibility in 20 ml plastic packages.

PRUSSIAN BLUE colour.

3095 Each 6,02

3096

MIB
MESSZEUGE
GERMANY

Orig. MIB - Art. 06064090

Model for monitoring surface areas and for tracking all types of metals. High visibility in 250 ml plastic packages.

BLUE colour.

3096 Each 30,10

HIGH EFFICIENT CLEANERS

3097

MIB
MESSZEUGE
GERMANY

Orig. MIB - Art. 06064092

Model for eliminating liquid paste, paint, etc. from any metal surface.

In 1 litre bottles.

3097 Each 24,10

SPOT MARKERS

3098

SCU



Prod. SCU

Model containing fluorescent paint with highly concentrated pigments for maximum visual impact and which causes slow deterioration to UV rays. Suitable for marking and tracking almost any surface area such as flooring, asphalt, steel, wood, walls, etc.

Resistant to abrasion and weathering.

In 500 ml cans fitted with a safety cap.

Type	1	2	3	4	5
Colour	white	fluo yellow	fluo blue	fluo green	fluo red
3098	Each 12,10	Each 12,10	Each 12,10	Each 12,10	Each 12,10

PROFESSIONAL SPRAYS

3100

SCU



Prod. SCU

Multi-purpose professional sprayers in 400 ml. spray cans (Packing unit: approx. 12 spray cans).

AIR SPRAY

Clean gas to eliminate dust from keyboards, printers, internal and external workings, cameras and machines of precision. Ideal for the maintenance of electronic cards, integrated circuits, transistor. Particularly suitable to find breaks in the circuit welding. Rapid coolant.

3100 Each 8,70

3100A

SCU



Product description as Art. 3100

PROTEGGI MANI

Hand cream, suitable for protecting hands when working with dangerous and irritating agents and with all those substances which may give cause to irritation, allergy and dermatitis. Suitable also before wearing gloves so as to avoid problems created by perspiration. Industrial and workshop use.

3100A Each 9,72

3100B

SCU



Product description as Art. 3100

SVITA 5

Multipurpose spray which helps to unscrew and loosen oxidized parts, adding at the same time a degreasing, lubricating, waterproofing and protective long lasting action. It is used in mechanic, textile industry, steelworks, workshops and maintenance departments.

3100B Each 8,52



Product description as Art. 3100

ELETTRICO

Cleanser for electric and electronic equipments, suitable for the removal and quick degreasing – without residues – of grease, dirt, dust and moisture. Carbon, tetrachloride and CFC free. Suitable for cleaning switches, generators, alternators, rotors, electric motors, transformers, dynamos, windings, collectors etc.

3100C Each **8,52**



3100C



Product description as Art. 3100

SILICONE SPRAY

Silicone-based release agent suitable for plastic material molds and as polishing agent for leather and mock leather surfaces and plastic objects.

3100E Each **8,26**



3100E



Product description as Art. 3100

WAL NO SIL

Silicone-free anti-adhesive release agent for insulating and protecting surfaces making them become anti-adhesive and at the same time suitable for further paintings, chromium-platings and silk-screen printings. It is also used in plastic industry as release agent for molds and by welders.

3100F Each **9,80**



3100F



Product description as Art. 3100

RILEVATORE GAS

Gas leak detector. It quickly detects leaks of the following gases: nitrogen, oxygen, compressed air, carbon dioxide, argon, freon, methane, town gas etc. It may be used in any section of the system in case of uncommon smells or anomalies.

3100H Each **8,10**



3100H



Product description as Art. 3100

ANTISLIDING FLUID FOR TRANSMISSION BELTS

Special antisliding fluid for transmission belts increasing cohesion between belts and pulleys without vitrifying. It increases the pulling capacity. By impregnating the belt, it is possible to eliminate any unfamiliar noise or squeak and create a silent working condition. It can be used on any type of belt.

3100K Each **9,38**



3100K



Product description as Art. 3100

WAL WHITE

Extremely pure, colorless oily lubricant for thoroughly lubricating machines and equipment that require a clean lubrication (like Vaseline). Used in the textile, food industries, fine and precision mechanics.

3100KE Each **11,50**



3100KE



Product description as Art. 3100

CATENE

Chain lubricant suitable for any kind of chain, for bearings and for any part difficult to lubricate because of expulsion of normal lubricant due to high speed and to a temperature up to 150 °C.

3100L Each **9,38**



3100L



**3100LE** SCU

Product description as Art. 3100

UNIVERSAL GREASE

Multi-purpose grease that resists very effectively to oxidation, to high loads and to low and high speeds. Dropping point free. Operating temperature from -10 ° to 200 ° C. Used for the lubrication of ball bearings, rollers, pins, cylinders and parts subjected to considerable stress and frictions.

3100LE Each **11,50****3100M** SCU

Product description as Art. 3100

FLUIDO DA TAGLIO

Universal type with high cooling power suitable for threading, tapping, drilling, milling etc. Chlorine-free.

3100M Each **9,38****3100ME** SCU

Product description as Art. 3100

WAL DRY

High quality, P.T.F.E.-based dry lubricant, ideal for dry lubrication of moulds, precision tools, sliding parts, hinges, drawers, locks, machine tool components and to make surfaces non-stick and slippery without oiling them and without retaining dust and dirt. Indicated for all applications requiring clean, dry, odour-free lubrication that does not stain and is long-lasting.

3100ME Each **11,90****3100P** SCU

Product description as Art. 3100

WAL MOS 2

Molybdenum disulphide antifriction lubricant suitable for preventing seizure between contact surfaces subject to very high temperature and pressure. It is a valid alternative to graphite and is silicone-free. Used in mechanic and engineering industry, mechanic and ship carpentry to avoid the sticking of metal particles to the torch tip of the seam welders.

3100P Each **10,60****3100R** SCU

Product description as Art. 3100

WAL KUP

Copper-based antiseizure lubricant for very high temperatures, up to 1200 °C. High working pressure-resistant and soft/salt water-proof. Suitable for pilot punches, extrusion headers, valves, expansion joints, heavy drive fits, moulds, screw threads, piston pins, shafts, pulleys, keys, guides subject to high temperature, sockets, studs, cables and tension rods, flange bolts etc.

3100R Each **12,10****3100S** SCU

Product description as Art. 3100

PROTETTIVO SPRAY

Half-oily protective spray for metals. Suitable for the protection of metals and quality objects from moisture and oxidation. Suitable also for preventing corrosion due to fingerprints and polishing finished surfaces. Used for moulds, gears, precision tools and measuring instruments, weapons and fine handmade products.

3100S Each **8,70****3100T** SCU

Product description as Art. 3100

ZINCO

Light colour protective galvanizing agent suitable for protecting all ferrous surfaces from corrosion, restoring galvanization and coating zinc-plated parts damaged by welding operations. Used in metallic roofing and roof maintenance, gutters, window and door frames, structures, containers, food plants, equipments, welding operations etc.

3100T Each **10,60**

Product description as Art. 3100

WAL BLU

Tracer for plant engineering suitable for high precision tracing. Quick drying and high contrast, suitable for metal and concrete surfaces etc. Precise and clear tracing lines. Used by tooling engineers, die sinkers, machine operators, designers and mechanics. It is useful to provide tracing markers for assembly of seals on shafts during pump maintenance. Essential in hydraulic and electrical works. Will stand up to temperatures of around 120-150°.

3100V Each **11,30**


3100V


Product description as Art. 3100

WAL LEVA COLLA

Degreaser and solvent for silicone-based resins, stickers, oils and greases. Suitable for any surface, it does not damage metals, plastics, rubbers. Agreeable citrus fruits fragrance.

3100Z Each **10,40**


3100Z


Product description as Art. 3100

RELEASE AND WATER-PROOF AGENT

Release agent for plastic material moulds.

Silicone-based water-proof agent for fabric, leather, etc. Particularly suitable for truck cloths, car tops and any other fabric to be protected against water and liquids. It has an active polishing action on the above-mentioned treated surfaces.

3101 Each **8,36**


3101


Product description as Art. 3100

ACCIAIO SPRAY

Stainless steel protective coating spray. Suitable for coating ferrous metals with a stainless steel protection, restoring stainless steel coatings damaged by welding operations, finishing damaged stainless steel surfaces and protecting from oxidation all those ferrous materials exposed to high temperature. With weatherproofing action. Used in industrial production on all those metal surfaces and mechanical parts which are weather-beaten and undergo very high temperatures (tolerant of temperatures near 500-600 °C). Suitable for coating parts blackened by welding, protecting engine blocks, manifolds, exhausts, and mufflers and also tire rims and weather-beaten surfaces.

3101A Each **13,50**


3101A


Product description as Art. 3100

LUCIDA INOX

Polishing and revitalizing agent for all stainless steel surfaces.

3101B Each **9,96**


3101B


Product description as Art. 3100

NON-STICK AGENT FOR SILICONE-FREE WELDING

Suitable to protect welding nozzles and pieces located near the welding area. Silicone-free based formula, its components are suitable to protect treated surfaces and allow after drying, painting and post-finishing.

3101C Each **7,72**


3101C


CUTTING FLUIDS

Prod. SCU

In 500 ml bottles.

"WALL TOOL"

Main model, with high level of EP additives for high level of cooling power, suitable for manual threading, tapping, drilling, milling, reaming, boring, etc. of both ferrous and non-ferrous metals, hardened steel and stainless steel.

Its use provides you with the following advantages: to carry out heavy operations, maximum adhesion for the tool and the work piece, no odours, high performance modern coated tools, excellent visibility of the part being processed, very easy to use, and simple dosing process.

3101E Each **21,30**


3101E




CLEANSING PRODUCTS

3101F SCU

**Prod. SCU**

Professional use, in 5 kg. pack. (Packing unit: approx. 4 pcs).

UNIVERSAL

Universal liquid cleanser, neutral pH, may be used both watery and pure, It is foam-free and requires short and quick rinse. Suitable for the cleansing of both whole and emulsible oils. Used for hard surfaces in general, plastic and painted parts, synthetic surfaces, machine tools, weaving machines, printing machines, car interiors, porcelain, marble, aluminium, imitation leather, linoleum, industrial floors, cook tops and cooker hoods.

3101F Each 32,40

3101L SCU



Product description as Art. 3101F

BI-WAL

Biphasic cleanser for a quick and strong removal of stubborn dirt and smog from surfaces. It does not corrode metals and almost all the plastic parts used in the automotive field. Suitable for industrial vehicles, earth-movers, tarpaulins, engine compartments, parts soaked with grease, workshop floors, hard plastic surfaces even rough.

3101L Each 55,40

3101LE SCU
new

Product description as Art. 3101F

WAL OXID

Cleanser for the rapid deoxidizing treatment of metal products, in particular aluminum.

The acid-based formulation ensures the elimination of deposits that wear, smog and time have deposited on the surfaces, giving them brightness back and removing the waste. It also exerts a passivating action on the surfaces that inhibits future corrosion. Used for window frames, barriers, industrial vehicles, railings, fences, sheets, plates, mechanical parts, etc.

3101LE Each 103,00

PRODUCTS FOR HANDS

3101P SCU

**Prod. SCU**

Professional use, in 5 kg. pack. (Packing unit: approx. 4 pcs).

WAL CREAM

Abrasive hand-washing cream for accurate and quick cleaning of hands and forearms from grease, oil and from other kinds of dirt resistant to common soaps. It leaves soft hands and is suitable also for daily use.

3101P Each 44,90

3101R SCU



Product description as Art. 3101P

WAL HAND CONCENTRATO

Concentrated super-active hand-washing fluid to be used in working places where dirt is particularly stubborn. Skin-friendly, produced in accordance with cosmetic products rules. Suitable for engineering workshops, car body shops, industries etc..

3101R Each 47,70

3101S SCU



Product description as Art. 3101P

WAL LAVAMANI

Abrasive water-soluble hand-washing fluid, solvent-free, easy to remove. It does not leave residues in water mains since it is totally water-soluble. Used by operators working with heavy dirt such as grease and oily machinery.

3101S Each 53,30



ACETYLENE PRESSURE REGULATORS

Orig. Ewo - Art. 120.351

Type with excellent quality/price ratio.
 Forged body with upper part made from solid brass and lower part made from die-cast zinc.
 Precision pressure gauges. Pressure adjusting knob made from synthetic material. Additional gas flow adjustment device.
 Stout gas-cylinder connection valve, connection diameter 17mm.
 Threaded hose connection G 3/8 left-hand.
 Hose connection diameter 9mm.
 Pressure range inlet from 0 to 40 Atm.
 Pressure range outlet from 0 to 2.5 Atm.
 Max working pressure 1.5 Atm.

3140GA Each **111,00**

For direct connection valves see Art. 3246 GF.



3140GA



ACETILENE

Orig. Ewo

SPARE MANOMETERS

Pressure range from 0 to 40 Atm.

3140GAB Each **21,70**



3140GAB



Product description as Art. 3140GAB

Pressure range from 0 to 2.5 Atm.

3140GAC Each **18,50**



3140GAC



OXYGEN PRESSURE REGULATORS

Orig. Ewo - Art. 120.350

Very high quality/price ratio.
 Forged body made from solid brass. Precision pressure gauges. Pressure adjusting knob made from synthetic material. Additional gas flow adjustment device.
 Internally threaded right-hand connection, 21.7x14mm threads per inch.
 Threaded hose connection G 1/4.
 Hose connection diameter 6mm.
 Pressure range inlet from 0 to 300/315 Atm.
 Pressure range outlet from 0 to 15/16 Atm.
 Max working pressure 10 Atm.

3140GE Each **111,00**

For direct connection valves see Art. 3246 GF.



3140GE



OSSIGENO

Orig. Ewo

SPARE MANOMETERS

Pressure range from 0 to 300/315 Atm.

3140GEB Each **18,50**



3140GEB



Product description as Art. 3140GEB

Pressure range from 0 to 15/16 Atm.

3140GEC Each **18,50**



3140GEC

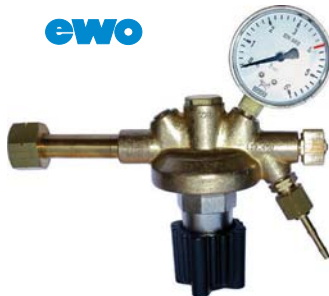




PROPAN PRESSURE REGULATORS

3140GF

ewo



GAS LIQUEFATTI

Orig. Ewo - Art. 120.352

Type with excellent quality/price ratio.
Forged body with upper part made from solid brass and lower part made from die-cast zinc.
Precision pressure gauges. Pressure adjusting knob made from synthetic material. Additional gas flow adjustment device.

Internally threaded left-hand connection, 20x14mm threads per inch.

Threaded hose connection G 3/8 left-hand.

Suitable for liquid gases, propane and butane.

Pressure range outlet from 0 to 6 Atm.

Max working pressure 3.5 Atm.

3140GF	Each	111,00
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3140GFA

ewo

**Orig. Ewo**

SPARE MANOMETERS

Pressure range from 0 to 6 Atm.

3140GFA	Each	18,50
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ARGON - CARBON DIOXIDE REDUCERS

3140GL

ewo



ARGON - ANIDRIDE CARBONICA

Orig. Ewo - Art. 120.470

Very high quality/price ratio.

Forged body made from solid brass. Precision pressure gauges. Pressure adjusting knob made from synthetic material. Additional gas flow adjustment device.

Internally threaded right-hand connection, 21.8x14mm threads per inch.

Threaded hose connection G 1/4.

Hose connection diameter 6mm.

Pressure range inlet from 0 to 300/315 Atm.

Pressure range outlet from 0 to 32 l/min.

Cylinder max. inlet pressure: 200 Atm.

3140GL	Each	101,00
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SPARE MANOMETERS

Manometers for flow measurement.

O3140GL	Each	18,50
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Manometers for pressures from 0 to 300/315 Atm see Art. 3140 GEB.

3140GL 1

SCU

**Prod. SCU**

Brass fittings that allow to use the carbon dioxide reduction device even with argon / mix gas cylinders.

Connection to the reduction device: right male thread W 21.8 mm

Connection to the gas cylinder: right male thread W 24.5 mm .

3140GL 1	Each	17,30
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ARGON - CARBON DIOXIDE REDUCERS WITH FLOW METER

3140GM

ewo



ARGON - ANIDRIDE CARBONICA

Orig. Ewo - Art. 120.472

Type with excellent quality/price ratio.

Forged body with upper part made from solid brass and lower part made from die-cast zinc.

Internally threaded right-hand connection, 21.8x14mm threads per inch.

Hose connection diameter 6mm.

Pressure range inlet from 0 to 300/315 Atm and graduated adjustable flowmeter 0-20 l/min.

adjustable for measuring the flow of gas necessary for processing.

3140GM	Each	187,00
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For spare manometers see Art. 3140 GEB.

Spare flowmeters available on request.


STAR REDUCERS FOR ARGON AND CARBON DIOXIDE
Orig. Ewo - Art. 123.470

Reduced dimension model for installing in tight spaces.
 Body moulded in solid brass. Precision pressure gauges. Plastic pressure control button and additional gas flow adjustment.
 Internal threading, right 21.8 mm x 14 threads per inch.
 Threaded G 1/4 inch rubber door.
 Pressure gauge input scale from 0 to 300/315 Atm.
 Pressure gauge output scale from 0 to 32 l/min.
 Maximum input pressure from the bottle 200 Atm.

3140GME Each **96,20**

Product running out of stock.

3140GME

ARGON - ANIDRIDE CARBONICA
HYDROGEN PRESSURE REGULATORS
Orig. Ewo - Art. 120.357

Type with excellent quality/price ratio.
 Forged body with upper part made from solid brass and lower part made from die-cast zinc.
 Precision pressure gauges. Pressure adjusting knob made from synthetic material. Additional gas flow adjustment device.
 Internally threaded left-hand connection, 20x14mm threads per inch.
 Hose connection diameter 6mm.
 Pressure range inlet from 0 to 300/315 Atm.
 Pressure range outlet from 0 to 15/16 Atm.
 Max working pressure 10 Atm.

3140GP Each **111,00**

For spare manometers see Art. 3140 GEB and 3140 GEC.

3140GP

IDROGENO
NYTROGEN PRESSURE REGULATORS
Orig. Ewo - Art. 120.354

Very high quality/price ratio.
 Forged body made from solid brass. Precision pressure gauges. Pressure adjusting knob made from synthetic material. Additional gas flow adjustment device.
 Externally threaded right-hand connection, 21.8x14mm threads per inch.
 Hose connection diameter 6mm.
 Pressure range inlet from 0 to 300/315 Atm.
 Pressure range outlet from 0 to 15/16 Atm.
 Max working pressure 10 Atm.

3140GR Each **111,00**

For spare manometers see Art. 3140 GEB und 3140 GEC.

3140GR

AZOTO
CARBON DIOXIDE PRESSURE REGULATORS
Orig. Ewo - Art. 120.356

Type with excellent quality/price ratio.
 Forged body with upper part made from solid brass and lower part made from die-cast zinc.
 Precision pressure gauges. Pressure adjusting knob made from synthetic material. Additional gas flow adjustment device.
 Internally threaded right-hand connection, 21.8x14mm threads per inch.
 Hose connection diameter 6mm.
 Pressure range inlet from 0 to 300/315 Atm.
 Pressure range outlet from 0 to 15/16 Atm.
 Max working pressure 10 Atm.

3140GT Each **111,00**

For spare manometers see Ar+L145t. 3140 GEB and 3140 GEC.

3140GT

ANIDRIDE CARBONICA
COMPRESSED AIR PRESSURE REGULATORS
Orig. Ewo - Art. 120.353

Type with excellent quality/price ratio.
 Forged body with upper part made from solid brass and lower part made from die-cast zinc.
 Precision pressure gauges. Pressure adjusting knob made from synthetic material. Additional air flow adjustment device.
 Internally threaded right-hand 7/8" GAS connection.
 Hose connection diameter 6mm.
 Pressure range inlet from 0 to 300/315 Atm.
 Pressure range outlet from 0 to 15/16 Atm.
 Max working pressure 10 Atm.

3140GZ Each **111,00**

For spare manometers see Art. 3140 GEB and 3140 GEC.

3140GZ

ARIA COMPRESSA



PROPAN PRESSURE REGULATORS

3156

SCU



GAS LIQUEFATTI

Prod. SCU

Forged body with brass parts and manometer.

Flow rate 3 kg / h. Inlet pressure 0.3 to 16 bar. Output pressure 0-3 bar. Internal threaded left connection to the cylinder mm 20x14 threads per inch, left. Hose connection with a diameter of 8/10mm.

3156 Each 25,50

RUBBER SAFETY CAPS FOR MANOMETERS

3170G

ewo



Orig. Ewo

Suitable for regulator manometers with external diameter 63 mm, Art. 3150 G to Art. 3140 GZ.

May be fitted on installed manometers and protect them from shocks and falls.

3170G Each 2,74

ACETYLENE AND OXYGEN WELDING AND CUTTING TOOLS

3179G

ewo



Orig. Ewo - Art. 124.12

SOLDERING AND CUTTING TOOLS

17 mm. connection.

For thick and medium welding, with acetylene or oxygen.

The set contains:

1 universal handle with connection Ø 17mm Art. 3200 GA.

8 lances for welding from 0.5 to 25 mm. Art. 3200 GBx1 to 8.

1 device for cutting from 3 to 100 mm. with trolley and guide Art. 3200 GC.

1 wrench Art. 3200 GD .

In sturdy enamelled steel box.

3179G Each 841,00

3179GA

ewo



Orig. Ewo - Art. 124.42

SOLDERING AND CUTTING TOOLS

17 mm. connection.

For thick and medium welding, with acetylene or oxygen.

The set contains:

1 universal handle with connection Ø 17mm Art. 3200 GA.

5 lances for welding from 0.5 to 9 mm. Art. 3200 GBx1 to 5.

1 device for cutting from 3 to 100 mm. with trolley and guide Art. 3200 GC.

1 wrench Art. 3200 GD .

In sturdy enamelled steel box.

3179GA Each 655,00

3180GE

ewo



Orig. Ewo - Art. 124.0033

WELDING AND CUTTING TOOLS

17mm connection.

For thick and medium welding, with acetylene or oxygen.

The set contains:

1 x universal handle with connection Ø 17mm Art. 3200 GA.

8 x lances for welding from 0.5mm to 25mm Art. 3200 GBx1 to 8.

1 x device for cutting from 3mm to 100mm with trolley and guide Art. 3200 GC.

1 x oxygen pressure regulator Art. 3140 GE.

1 x acetylene pressure regulator Art. 3140 GA.

1 x wrench Art. 3200 GD.

In sturdy enamelled steel box.

3180GE Each 1.310,00



WELDING HOSES

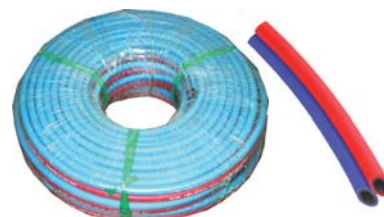
Prod. SCU

Rubber high quality hose for acetylene/oxygen and propane/oxygen welding.
 Conforms to UNI EN 559. Working temperature: -20 °C + 70 °C.
 Max. working pressure: 20 bar.
 Double-piped for acetylene and oxygen, diameter 9/6,3mm. Red/blue colour.
 Suitable for EWO tools and genuine parts and other brands.
 In indivisible reels of approx. 40m.

3185G	Per meter	6,46
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SCU

3185G



DIAMETRI 9/6

Orig. Ewo

Double clamps made of galvanized steel suitable for bined hoses. By crushing, they are positioned so as to prevent the two welded pipes from tearing.
 In packs of approx. 100 pcs.
 Ø mm 16/16 for bined hose Art. 3185 G.

3185H	Each	1,26
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ewo

3185H



Prod. SCU

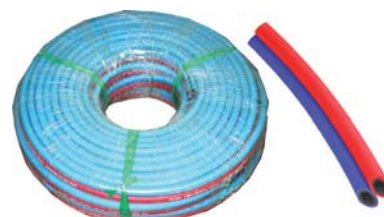
Product description as Art. 3185G
 Double-piped for acetylene/oxygen, Ø 8/8mm. Red/blue colour.
 Delivered in indivisible reels of approx. 50m.

3185L	Per meter	8,78
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The production date is shown on the tube.
 The expiry date is no longer required as per ISO 3821 standard.

SCU

3185L



DIAMETRI 8/8

Product description as Art. 3185G

Mono-piped for acetylene. Red colour. Suitable for original Ewo tools and components and other brands.
 Delivered in indivisible reels of approx. 50m.

Int Ø	mm	6	9
		2,58	2,90
3186A	Per meter		

SCU

3186A



Product description as Art. 3185G

Mono-piped for propane, diameter 6mm. Orange colour.
 Suitable for EWO tools and genuine parts and other brands.
 Delivered in indivisible reels of approx. 40m.

3186G	Per meter	2,94
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SCU

3186G



Product description as Art. 3185G

Mono-piped for propane. Blue colour.
 Suitable for EWO tools and genuine parts and other brands.
 Delivered in indivisible reels of approx. 40 m.

Int Ø	mm	6	9
		2,30	8,28
3187G	Per meter		

SCU

3187G





ACETYLENE AND OXYGEN WELDING AND CUTTING TOOLS

3190A

SCU



Prod. SCU

Professional tools for welding and cutting in small/medium carpentry and bodywork. For 12,5 mm thick weldings and up to 100 mm thick cuttings. Hose connections for pipes with diameters 6/6 e 8/8mm.

Universal handgrip.

3190A Each 148,00

Hose for pipes Ø 6 and 8mm with 1/4 right nut for oxygen.

O3190A 1 Each 9,62

Hose for pipes Ø 6 and 8mm with 1/4 left nut for acetylene.

O3190A 2 Each 9,62

For direct connection valves see Art. 3190 P-R.

3190B

SCU



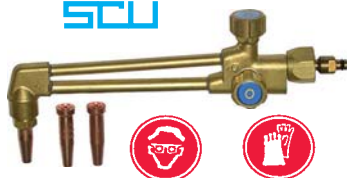
Professional tools for welding, heating and cutting in small/medium carpentry and bodywork. For 12,5 mm thick weldings and up to 100 mm thick cuttings.

Welding lances for Art. 3190 A.

Size	2	3	4	5	6	7	8	9
For welding mm	0,4	0,8	1,6	2,2	3	5	8	12,5
3190B Each	63,40	63,40	63,40	63,40	63,40	69,80	69,80	69,80

3190E

SCU



Product description as Art. 3190B

Device for cutting from 3 to 100 mm. With 3 nozzles Art. 3190 M 25 - 50 - 100.

3190E Each 301,00

3190L

SCU



Product description as Art. 3190B

Spare copper nozzles for Art. 3190 B.

Size	1	2	3	4	5	6	7	8	9
For welding mm	0,2	0,4	0,8	1,6	2,2	3	5	8	12,5
3190L Each	23,70	21,30	21,30	21,30	21,30	21,30	23,40	23,40	23,40

Size 1 running out of stock.

3190M

SCU



Product description as Art. 3190B

Spare copper nozzles for Art. 3190 E.

Size	25	50	100
For cutting max mm	8 - 20	20 - 50	50 - 100
3190M Each	20,80	20,80	20,80

3190ME

SCU



3190ME Each 81,40

3190MF

SCU



3190MF Each 33,10

3190P

SCU



3190P Each 33,90

3190R

SCU



3190R Each 33,90

3200GA

ewo



Orig. Ewo - Art. 124.10

Industrial tools for welding and cutting of iron, steel, plates and metals with acetylene and oxygen. Connection diameter 17 mm. Hose connections for pipes with diameters 9/6 mm.

Universal handgrip.

3200GA Each 116,00



Orig. Ewo - Art. 116

Product description as Art. 3200GA

Welding lances for Art. 3200 GA.

Size	0	1	2	3	4	5	6	7	8	
For welding mm	0,2-0,5	0,5-1	1-2	2-4	4-6	6-9	9-14	14-19	19-25	
3200GB	Each	39,50	39,50	39,50	39,50	40,90	41,80	46,50	47,60	50,60

For spare nozzles see Art. 3244 GC.



3200GB



Orig. Ewo - Art. 115.17

Product description as Art. 3200GA

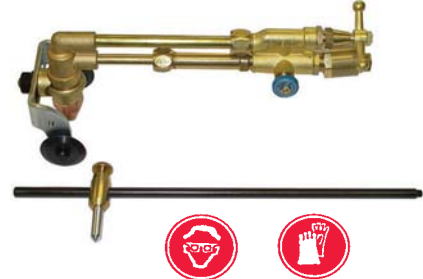
Device for cutting from 3 to 100 mm. For Art.3200 GA, with trolley, nozzles, tips and guide.

3200GC Each 221,00

For spare nozzles and tips see Art. 3244 GE-F



3200GC



Orig. Ewo - Art. 115.010

Product description as Art. 3200GA

New device for cutting from 3mm to 100mm for Art. 3200 GA with single-piece nozzles and ring nut clamping device. The system allows better performances, more homogeneous flame, easier adjustment of the flame, reduced risk of backfire.

Supplied only with cutting nozzle from 20mm to 50mm. (For nozzles from 3 to 20mm and 50 to 100mm see Art. 3200 GC x 20 and 100).

3200GC 3 Each 175,00

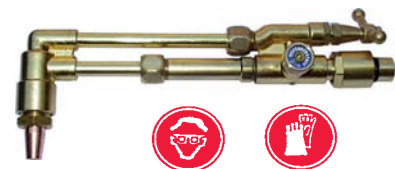
A device having the same characteristics but with lever control instead of a tap available on request.

Cutting nozzles 20 to 50mm for Art. 3200 G 3.

O3200GC 3 Each 22,10



3200GC 3



Orig. Ewo - Art. 115

Cutting nozzles 3 to 20mm for Art. 3200 GC 3.

3200GC 20 Each 22,10



3200GC 20



Cutting nozzles 50 to 100mm for Art. 3200 GC 3.

3200GC 100 Each 22,10



3200GC 100

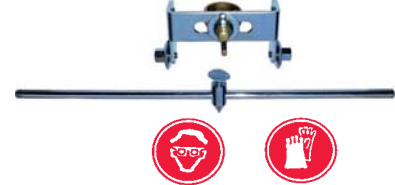


Trolley and guide for Art. 3200 GC 3.

3200GCA Each 25,10



3200GCA



Orig. Ewo - Art. 124/23

Installation wrench.

3200GD Each 9,00



3200GD



For spare welding nozzles and jet nozzles see Art. 3244 GC.
For cutting spare nozzles and tips see Art. 3244 GE-F. For direct connection valves see Art. 3246 GP-R.

Orig. Ewo - Art. 134

Copper tube lances with diameter 6mm. Slightly flexible.

90° bending. Suitable for handgrips Art. 3200 GA.

Suitable for welding in difficult positions.

Size	1	2	3	4	
For welding mm	1-2	2-4	4-6	6-9	
3201GE	Each	47,10	47,10	47,10	47,10



3201GE





3204G

ewo



Orig. Ewo - Art. 117

Heating lances, suitable for handles Art. 3200 GA. Suitable for heating and fusing.

Size	4	5	6	7
For heating mm	4-6	6-9	9-14	14-19
3204G Each	64,10	64,10	68,30	70,90

3210G

ewo



Orig. Ewo - Art. 440.001

High performance cutting torches. Improved model suitable for medium and large thick cuttings of steel and its alloys. Greater handiness. Lever control for quick oxygen regulation. Built-in backfire device. Long nozzles which concentrate the flame so as to improve cutting and reducing working times. Acetylene or oxygen use. Suitable for 3 to 300 mm. thick cuttings.

Delivered with 10-75 mm. nozzles, hose connections for pipes with diameters 9/6, without trolley and guide.

3210G Each	388,00
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3211G

ewo



Orig. Ewo - Art. 440

Product description as Art. 3210G

Cutting nozzles for Art. 3210 G.

For cutting mm	3-6	5-12	10-75	70-100	90-150	140-200	190-300
3211G Each	40,80	40,80	40,80	40,80	40,80	40,80	40,80

3212G

ewo



Product description as Art. 3210G

Trolley with guide for Art. 3210 and 3242 GE.

3212G Each	47,60
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PROPANE AND OXYGEN WELDING AND CUTTING TOOLS

3239GB

ewo



Orig. Ewo - Art. 124.30

Industrial tools for welding and autogenous cutting of copper, brass, aluminium etc. with propane and oxygen. Not suitable for iron and steel. Connection Ø 17 mm. Hose connections for pipes Ø 4/6 mm.

Universal handgrip.

3239GB Each	122,00
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3239GC

ewo



Orig. Ewo - Art. 116

Industrial tools for welding and autogenous cutting of copper, brass, aluminium etc. with propane and oxygen. Not suitable for iron and steel. Connection Ø 17 mm. Hose connections for pipes Ø 9/6 mm.

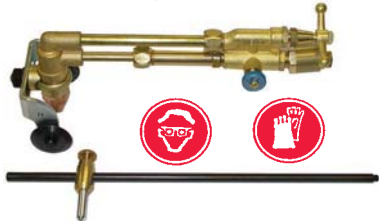
Welding lances for Art. 3239 GB.

Size	1	2	3	4	5	6	7	8
For welding mm	0,5-1	1-2	2-4	4-6	6-9	9-14	14-19	19-25
3239GC Each	45,10	45,10	45,10	46,70	49,20	52,80	53,80	57,20

For spare nozzles see Art. 3244 GH.

3239GE

ewo



Orig. Ewo - Art. 115.PA

Product description as Art. 3239GC

Device for cutting from 3 to 100 mm. for Art. 3239 GB, complete with trolley, nozzles, tips and guide.

3239GE Each	233,00
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For spare nozzles and tips see Art. 3244 GM-P.

3239GF

ewo



Orig. Ewo

Product description as Art. 3239GC

Installation wrench.

3239GF Each	9,00
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For spare nozzles and jet nozzles for welding see Art. 3244 GH-L.

For nozzles and tips for cutting see Art. 3244 GM-P.

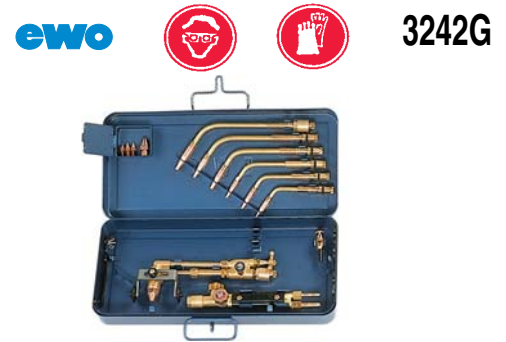
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Orig. Ewo - Art. 124.222

Tools for medium welding.
The set is composed of :
1 universal handle with connection Ø 17mm Art. 3239 GB.
6 lances for welding from 0.5 to 14 mm. Art. 3239 GCx1 to 6
1 device for cutting from 3 to 100 mm. with trolley and guide Art. 3239 GE.
1 wrench Art. 3239 GF .
In sturdy enamelled steel box.

3242G Each **735,00**



Orig. Ewo - Art. 440.002

High performance cutting torches. Improved model suitable for medium and large thick cuttings of steel and its alloys. Greater handiness. Lever control for quick oxygen regulation. Built-in backfire device. Long nozzles which concentrate the flame so as to improve cutting and reducing working times. Propane or oxygen use. Suitable for 3 to 300 mm. thick cuttings.
Delivered with 10-75 mm. nozzles, hose connections for pipes with diameters 9/6, without trolley and guide.

3242GE Each **388,00**



For trolley and guide see Art. 3212 G.

Orig. Ewo - Art. 440

Product description as Art. 3242GE
Cutting nozzles for Art. 3242 GE.

For cutting	mm	3-6	5-12	10-75	70-100	90-150	140-200	190-300
3242GF	Each	40,80	40,80	40,80	40,80	40,80	40,80	40,80



SPARE PARTS FOR EWO TORCHES

Orig. Ewo - Art. 112-116

Copper nozzles for welding with oxygen and acetylene.
For Art. 3179 G - 3179 GA - 3180 GE - 3200 GB with Ø 17mm connection.

Size	0	1	2	3	4	5	6	7	8
3244GC	Each	11,60	11,10	11,10	11,60	12,50	12,50	14,70	14,70



Orig. Ewo

Copper nozzles for heating with oxygen and acetylene.
Suitable for Art.3179 G - 3179 GA - 3180 GE - 3200 GC with Ø 17mm connection.

For heating	mm	3-12	12-100
3244GE	Each	13,80	13,80



Tips for cutting with oxygen and acetylene.

For Art. 3179 G - 3179 GA - 3180 GE - 3200 GC with Ø 17mm connection.

For cutting	mm	3-12	12-25	25-50	50-100
3244GF	Each	8,82	8,82	8,82	8,82



Copper nozzles for welding with oxygen and propane.

For Art. 3239 GC - 3242 G with Ø 17mm connection.

Size	1	2	3	4	5	6	8
3244GH	Each	11,80	11,80	12,40	13,50	13,50	15,60



Copper nozzles for heating with oxygen and propane 3-100mm.

For Art. 3239 GE - 3242 G. with connection Ø 17mm.

3244GM Each **18,60**



Tips for cutting with oxygen and propane.

Suitable for Art. 3239 GE - 3242 G with Ø 17mm connection.

For cutting	mm	3-10	10-25	25-50	50-100
3244GP	Each	10,20	10,20	10,20	10,20



SAFETY RELIEF VALVES FOR OXYACETYLENE AND PROPANE

Prod. SCU

In solid brass, manufactured to meet the standards EN 730-1. Back-firing proof. Maximum protection. Single protection, to be fitted between torch and cylinder regulator. With 2 hose connections 7-10 mm. Max. capacity 1500 l/h. For rubber hoses.

Suitable for acetylene, propane, butane, hydrogen.

3245 Each **21,30**





3245A

SCU



Product description as Art. 3245
Suitable for oxygen.

3245A Each 21,30

3245E

SCU



In solid brass, manufactured to meet the standards EN 730-1. Back-firing proof. Maximum protection. Double protection, to be fitted between torch and cylinder regulator. With 2 hose connections 7-10 mm. Max. capacity 3000 l/h. For rubber hoses.

Suitable for acetylene, propane, butane, hydrogen.

3245E Each 28,10

3245F

SCU



Product description as Art. 3245E
Suitable for oxygen.

3245F Each 28,10

3246GA

ewo

**Orig. Ewo - Art. T/T-A**

In brass. Back-firing proof. Maximum protection. Approved by German Safety Agency. To be inserted between the gas barrel and the gas bottle reducer. With 2 hose connections. For rubber hoses. Conform to DIN 8521.

Type suitable for acetylene, propane, butane, hydrogen.
Hose connections 9 mm.

3246GA Each 45,80

3246GB

ewo

**Orig. Ewo - Art. T/T-O**

Product description as Art. 3246GA

For oxygen.

6 mm hose connections.

3246GB Each 45,80

3246GF

ewo

**Orig. Ewo - Art. DG-N-A**

In brass. Back-firing proof. Maximum protection. Approved by German Safety Agency. Conform to DIN 8521.

For acetylene, propane, butane, hydrogen, argon and helio with connection to regulator.
Male/female connections G 3/8" left.

3246GF Each 47,60

3246GL

ewo

**Orig. Ewo - Art. DG-N-O**

Product description as Art. 3246GF

For oxygen, with connection to regulator.

Male/female connections G 1/4".

3246GL Each 47,60

3246GP

ewo

**Orig. Ewo - Art. G/T-A**

Product description as Art. 3246GF

For acetylene, propane, butane, hydrogen, argon and helio with connection to torch.

Female connection/hose connection 9 mm./G 3/8" left.

3246GP Each 44,10

3246GR

ewo

**Orig. Ewo - Art. C/T-O**

Product description as Art. 3246GF

For oxygen, with connection to torch.

Female connection/hose connection 6 mm./G 1/4".

3246GR Each 44,10

LIQUID GAS WELDING TOOLS

3247GA

ewo

**Orig. Ewo - Art. 175**

All-purpose industrial fittings suitable for heavy tasks. Working pressure 1.5 bar.

Handgrip length 180mm.

3247GA Each 62,20



Orig. Ewo

Product description as Art. 3247GA

Handgrip with additional control lever and flame regulator.

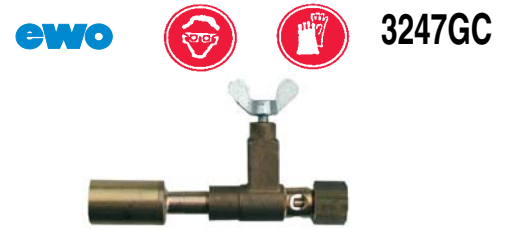
3247GB	Each	85,10
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Product description as Art. 3247GA

Combustion pipe with diameter 19mm. With rest for copper welding hammer.

3247GC	Each	46,80
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Product description as Art. 3247GA

Copper welding hammer. Weight 250 g. Cylindrical connection Ø 7 mm.

3247GD	Each	24,50
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Product description as Art. 3247GA

Bonnet with hanger

3247GE	Each	24,80
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Product description as Art. 3247GA

Chromium plated steel coupling extension, without combustion pipe Art. 3247 GER.

Overall length	mm	100	350	750
3247GEP	Each	25,10	31,80	42,60



Product description as Art. 3247GA

Stainless steel combustion pipe for extensions Art. 3247 GEP. For flame length over 100 mm.

Ø	mm	40	45	50	60
3247GER	Each	35,80	39,40	44,90	50,30



Product description as Art. 3247GA

Chromium plated steel coupling extension, without combustion pipe Art. 3247 GH.

Overall length	mm	130	350
3247GF	Each	23,30	30,70

Product running out of stock.



Product description as Art. 3247GA

Stainless steel combustion pipes for extensions Art. 3247 GF. For flame lengths over 100mm.

Ø	mm	30	45	50
3247GH	Each	27,90	38,40	43,70

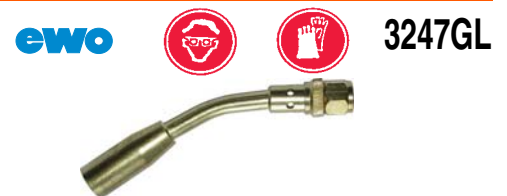
Product running out of stock.



Product description as Art. 3247GA

Lances with combustion pipe.

Size		100	120	140
Ø	mm	14	17	20
3247GL	Each	31,80	35,30	37,60





3247GM



Product description as Art. 3247GA

Lances for plastic material. Suitable also for removing paints.

Flat tip width 40 mm.

3247GM Each 47,80

3247GT



Product description as Art. 3247GA

Turbo-lances for heavy tasks.

	mm	15	17	20	23
external Ø					
Overall length	mm	160	160	170	175
3247GT	Each	36,50	37,60	39,00	43,60

WELDING AND HEATING FITTINGS

3248G



Orig. Ewo - Art. 175.401

Fittings for medium weldings.

USE WITH PROPANE GAS

The set contains:

- 1 handle Art. 3247 GB
 - 1 combustion pipe Art. 3247 GC
 - 1 copper welding hammer Art. 3247 GD
 - 1 bonnet Art. 3247 GE
 - 4 lances Art. 3247 GL x 100-120-140
 - 1 extension Art. 3247 GF x 150
 - 2 combustion pipes Art. 3247 GH x 30-40
 - 1 lance Art. 3247 GM
 - 1 rubber hose with connections
 - 1 wrench included
- In sturdy steel box.

3248G Each 538,00

3248GL



Orig. Ewo - Art. 175.411

Product description as Art. 3248G

USE WITH PROPANE GAS

The set contains:

- 1 handle Art. 3247 GA
 - 4 lances Art. 3247 GL x 100-120-140
 - 1 combustion pipe Art. 3247 GC
 - 1 copper welding hammer Art. 3247 GD
 - 1 bonnet Art. 3247 GE
 - 1 rubber hose with connections
 - 1 wrench included.
- In sturdy steel box.

3248GL Each 377,00

COPPER WELDING HAMMERS FOR LIQUID GAS WELDING

3248R



Prod. SCU

Hammer type, with Ø 7mm cylinder connection for soldering with liquid gas

Size		250	400	500
Mallet weight	grams	250	350	500
3248R	Each	24,50	31,80	40,50

TORCHES FOR LIQUID GAS

3249



Prod. SCU

For soldering, working pressure from 0.5 to 1.5 max. Atm. Combustion pipe Ø 22mm.

With 250 g. copper welding hammer and rest foot. Max working temperature 1100/1200 °C.

3249 Each 44,40



Professional handles with hose connection, hose Ø 11.7 mm.
Threaded connection extensions G 3/8 right, threaded connection hose G 3/8 left. Length 195
With gas control tap.

3249AB	Each	21,30
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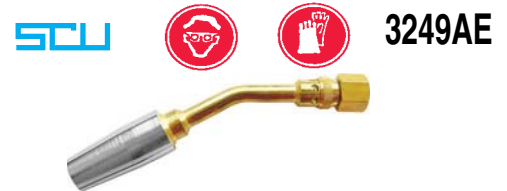
Product description as Art. 3249AB
With saving lever and quick throttle.

3249AC	Each	34,30
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Professional lances with TURBO burner for heavy brazings. For handles Art. Art. 3249 AB - AC.

Ø	mm	21	25	28
3249AE	Each	18,70	18,70	22,10

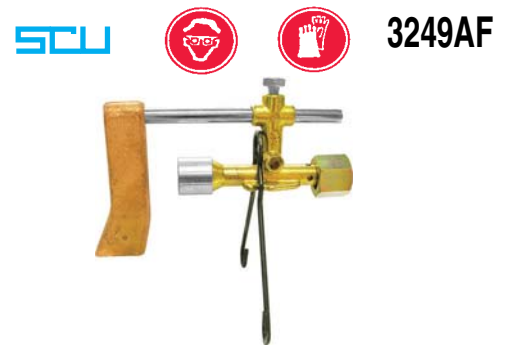


Professional lances with copper hammer 165 g and burner. Ideal for welding fine metals, such as laminations. With the docking station. For handles Art. 3249 AB - AC.

3249AF	Each	41,50
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Spare hammer for Art. 3249 AF.

O3249AF	Each	23,60
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Bent chromium plated steel extensions, professional type, to be used with burners (connection M 10x1) and handles Art. 3249 AB - AC.

Length	mm	200	400	600
3249AG	Each	8,90	10,80	12,80



Professional chromium plated steel fork extensions, professional type, to be used with 2 burners (connection M 10x1) and handles Art. 3249 AB - AC. Length 600 mm.

3249AH	Each	47,40
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Professional chromium plated steel burners, with high calorific value rear air mixing. With threaded connection M 10x1 to be used in combination with extensions Art. 3249 AG - AH.

Ø	mm	30	45	60
3249AL	Each	11,10	12,50	12,80



Professional fork lances, ideal for machining pipes up to Ø 25 mm. With threaded connection M 10x1 to be used in combination with extensions Art. 3249 AG.

3249AP	Each	16,40
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Approved gas pipes Ø 4x11 mm complete with 2 couplings G 3/8 left.

Length	m	1,5	5
3249AR	Each	15,70	20,70





3249H

SCU



Professional lances with combustion pipe. For handles Art. 3249 E - F (Catalogue Sicutool 2015).

Ø	mm	10	17	20
Max temperature	°C	1400	1500	1600
3249H	Each	22,10	29,60	27,80

Product running out of stock.

3249L

SCU



Professional forked lance for pipes with Ø up to 20mm. For handles Art. 3249 E - F (Catalogue Sicutool 2015)

Max temperature	°C	2400
3249L	Each	17,10

Product running out of stock.

3249PA

SCU



Bent chromium plated steel extensions, professional type, to be used with combustion pipes Art. 3249 PB. For handles Art. 3249 E - F (Catalogue Sicutool 2015).

Length	mm	165	600	750
3249PA	Each	12,50	15,70	16,50

Product running out of stock.

3249PB

SCU



Professional chromium plated steel combustion pipes, professional type, to be used with extensions Art. 3249 PA.

Ø	mm	22	30	60	90
Max temperature	°C	1400	1450	1600	1700
3249PB	Each	5,84	6,76	8,40	13,70

Product running out of stock.

3249PF

SCU



Professional kit composed of copper hammer 250g., bonnet and combustion pipe with diameter 22mm. Suitable for handles Art. 3249 E - F (Catalogue Sicutool 2015). With rest.

Max temperature	°C	1400
3249PF	Each	44,40

Product running out of stock.

3249PH

SCU



Gas pipes made of strengthened rubber. Diameter 8x13 mm, IMQ approved, conform to UNI-CIG 7140/EN 16436, with cylinder connections Art. 3250.

Length	m	1,5	5	9
3249PH	Each	14,60	24,90	32,50

LONG TORCHES FOR LIQUID GAS

3249R

SCU



Prod. SCU

Standard type. Suitable for melting, hardening, heating, tarring, waterproofing floors and roofs. Handle with quick control lever.

Length	mm	500
Pipe Ø	mm	45
3249R	Each	22,50

3249S

SCU



Product description as Art. 3249R

Length	mm	750
Pipe Ø	mm	60
3249S	Each	26,10



Product description as Art. 3249R

Length	mm	900
Pipe Ø	mm	60
3249T	Each	27,20

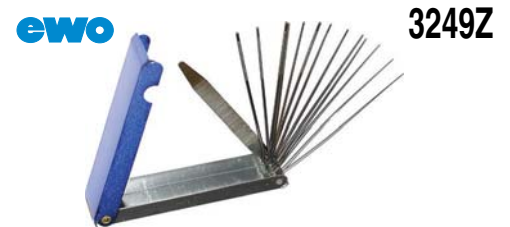


SET OF NOZZLE CLEANERS

Orig. Ewo - Art. 501.41

Set of 13 nozzle cleaners Ø 0,45 - 0,5 - 0,6 - 0,7 - 0,8 - 0,9 - 1,0 - 1,1 - 1,15 - 1,2 - 1,3 - 1,5 - 1,7mm and knurled blade. In case.

3249Z	Each	4,38
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LIGHTERS FOR TORCHES

Orig. Ewo - Art. 503/1

With interchangeable flint. Wind-proof.

3249ZA	Each	5,32
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Spare plaque for Art. 3249 ZA. Packing unit: 50pcs, not sold separately.

O3249ZA	Pack	26,80
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CRAYON MARKERS

Prod. SCU

Crayon markers in natural steatite for welding lines on metals.

Dimensions 100x10x10mm.

Packing unit: 50pcs. not sold separately.

3249ZL	Pack	19,10
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WELDERS PENCILS

Prod. SCU

Special pencil markers for welding lines on metals. Particularly eraser-resistant also in presence of heat.

Indicative packing unit: 12pcs.

Silver colour.

3249ZR	Each	1,26
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Product description as Art. 3249ZR

Red colour.

3249ZT	Each	1,26
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SURFACE TEMPERATURE INDICATORS

Prod. SCU

Precise, quick, practical: they measure the surface temperature of steel, stainless steel, iron, aluminum, plastic, glass, etc. Particularly suitable for preheating, post-welding, hardening, tempering, reclamation, etc. It is necessary to mark the verification point with the stick and when the indicated temperature is reached, the sign tends to melt. No calibration required.

Measurement accuracy of ± 1 ° C. Clear indication of the temperature over the entire length of the stick. With closing cap and clip.

Temperature	°C	40	50	55	60	70	75	80	85	90	95	100	115	125
3249ZV	Each	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30
Temperature	°C	150	165	175	200	225	250	280	300	400	500	600	700	
3249ZV	Each	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	21,30	





CYLINDERS FOR LIQUID GAS

3250

SCU



Prod. SCU

In steel. With gas cock.
Side valve for filling.
Threaded left connection diameter 20x14mm.
Without hose connection.

Capacity	Kg	2	3
Ø	mm	200	200
Height without tap	mm	220	275
Weight empty	Kg	3,2	4,2
Charging duration	hours	120	180
3250	Each	52,80	57,20

3250A

SCU



Flexible rubber hose for transfer, length 0.50 m, with connections, for Art. 3250.

3250A	Each	13,50
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3250B

SCU



Hose connections for cylinders. Suitable for Art. 3250.

3250B	Each	2,98
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CARTRIDGE-TYPE SOLDERING IRONS

3250BR

SCU



Prod. SCU

Professional welder working with liquefied gas cartridge Art. 3250 CE. With metal cartridge holder and brass burner Ø mm 20. Essential for small welding repairs on pieces in work. Unsuitable for tilted use.

Without cartridge.

Power	kW	1,65
Consumption	gr/h	120
3250BR	Each	20,90

3250BT

SCU



Welder working with liquefied gas cartridge Art. 3250 CE. With metal cartridge holder and brass burner Ø mm 20. Essential for small welding repairs on pieces in work. Unsuitable for tilted use.

With piezoelectric ignition.

Supplied without cartridge.

Power	kW	1,65
Consumption	gr/h	120
3250BT	Each	28,90

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Professional soldering iron, liquefied gas cartridge-type Art. 3250 CE. With metal cartridge holder and brass burner Ø 20mm. Necessary for small welding repairs on items in progress. Not suitable for inclined use.

With piezoelectric ignition.

Supplied without cartridge.

Max temperature	°C	1200
Consumption	gr/h	86
3250C	Each	29,40



Product description as Art. 3250C

With additional fork burner and flat burner.

Supplied without cartridge.

Max temperature	°C	1200
Consumption	gr/h	86
3250CA	Each	36,90



Professional welding kit for liquefied gas cartridge-type Art. 3250 CE. The kit consists of metal cartridge holder, gas stop cock, rubber hose about 1.2m long, torch with cock complete with burner Ø 22mm.

Universal use such as welding, brazing, defrosting, heating, etc.

Supplied without cartridge.

Max temperature	°C	1400
Consumption	gr/h	190
Weight	grams	545
3250CB	Each	42,80



LIQUEFIED GAS CARTRIDGES

Suitable for soldering irons Art. 3250 BR - BT - C - CA - CB. For cartridge lamps Art. 4461 T, with limiting pressure gas outlet.

Weight	grams	190
3250CE	Each	2,74

For cartridge torches see Art. 3252 FM.



EXPANDED POLYSTYRENE ELECTRIC TOOLS

Orig. Peddinghaus - Art. 0000FC5000

Universal professional model for cutting and processing of rigid foam such as polystyrene, Sagex, Alporit, Styropor, Styrodur, etc. Supplied with 2 interchangeable blades with cutting length mm 170 and 195.

240 V. Power 120 W. Working temperature 500 ° C. Extremely short heating time.

With hook for hanging.

3250FE	Each	335,00
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Spare blades for Art. 3250 FE.

Blade length	mm	170	195
O3250FE	Each	68,70	71,40





ELECTRIC WARM AIR CONVEYORS

3250FP
new

SCU

**Prod. SCU - Rapid**

Semi-professional multi-purpose gun type suitable for paint removing, unglueing, bending and removing various materials. Light, compact with soft handle and hand protection. Double heating stage 300/500 ° C.

Air delivery from 250 to 450 l / min. V 230. Power W 1800.

Without accessories.

3250FP Each **70,70**

For solder in rods see Art. 3378 A - C -E.

3250FR
new

SCU



Professional multi-purpose gun type suitable for paint removing, unglueing, bending and removing various materials. Light, compact with soft handle and hand protection. Built-in rest for vertical standing. Triple heating stage 60/250/600 ° C.

Air delivery from 250 to 500 l / min. V 230. Power W 2000.

Without accessories.

3250FR Each **103,00**

For solder in rods see Art. 3378 A - C -E.

3250FT
new

SCU



Super-professional gun type with INFRARED SENSOR to precisely determine the temperature on the work surface. Equipped with RED / BLUE / GREEN LEDS to determine the correct distance between the conveyor and the work area. Electronic control of temperature regulation and air supply. Multi-purpose type suitable for paint removing, unglueing, bending and removing various materials. Light, compact with soft handle and hand protection. Built-in rest for vertical standing. Temperature regulation from 60 ° to 630 ° C (progression 10 ° C). Air delivery from 250 to 500 l / min. V 230. Power 2200 W.

Without accessories.

3250FT Each **222,00**

For solder in rods see Art. 3378 A - C -E.

3250GB 3

SCU



Fittings for Art. 3250 FP - 3250 FR - 3250 FT.
Flat nozzles, width 40mm.

3250GB 3 Each **10,30**

3250GB 5

SCU



Product description as Art. 3250GB 3
Glass-shielding flat nozzles. Width 50mm.

3250GB 5 Each **10,30**

3250GB 7

SCU



Product description as Art. 3250GB 3
Round reduction nozzles Ø 20mm.

3250GB 7 Each **10,30**

3250GB 9

SCU



Product description as Art. 3250GB 3
Reflex nozzles for bending pipes.

3250GB 9 Each **10,30**



Prod. SCU

Professional straight type. Strong, powerful. Light and handy multipurpose model with many fittings.

Electronic gradual heating control from 80 °C to 630 °C.
Double air outflow 150/500 l/min. V 230 - Power W 2200. Total length 335mm.
Without fittings.

3250GD Each **351,00**

For soldering rods see Art. 3378 A - C - E.



CE **3250GD**



Professional gun-type. Strong, powerful. Light and handy multipurpose model with many fittings.

Vertical standing. Electronic heating regulation from 80 °C to 630 °C, at intervals of 10°.
Liquid crystal display of temperature. Triple air outflow from 150 to 500 l/min.
V 230 - Power W 2000. Total length 335mm.
Without fittings.

3250GE Each **272,00**

For soldering rods see Art. 3378 A - C - E.



CE **3250GE**



FITTINGS FOR ART. 3250 GD - 3250 GE

Flat nozzles. Width 50mm.

3250GF Each **17,20**



3250GF

Product description as Art. 3250GF

Flat nozzles. Width 75mm.

3250GH Each **18,20**



3250GH

Product description as Art. 3250GF

Round reduction nozzles Ø 9mm.

3250GL Each **15,80**



3250GL

Product description as Art. 3250GF

Round reduction nozzles Ø 14mm.

3250GM Each **15,80**



3250GM

Product description as Art. 3250GF

Reflecting nozzles for welding.

3250GM 2 Each **19,30**



3250GM 2

Product description as Art. 3250GF

Nozzles for hose bending.

3250GP Each **19,10**



3250GP

Product description as Art. 3250GF

Nozzles for welding with plastic rods Ø up to 6mm. (Art. 3250 GL is required for assembly).

3250GS 1 Each **25,70**



3250GS 1

Product description as Art. 3250GF

Flat nozzles for welding plastic sheets. (Art. 3250 GM is required for assembly).

3250GS 3 Each **19,30**



3250GS 3

Product description as Art. 3250GF

Roller compressors for plastic materials. Width 45mm.

3250GT Each **35,60**



3250GT





WARM AIR ELECTRIC TORCHES FOR PLASTIC MATERIALS

3251

SCU



Prod. SCU

With power unit and built-in fan. Suitable for welding, heating and forming plastic materials. Temperature control through rotating switch with 5 stages: from 50 °C to 700 °C. Air outflow 500 l/min.V 220 - Power W 700.



Torch with nozzle Ø 6mm.

3251 Each 643,00

Spare round nozzles Ø 6mm for Art. 3251.

O3251 Each 41,70

Spare resistors for Art. 3251.

O3251R Each 65,80

For soldering rods see Art. 3378 A - C - E.

3251E

SCU



With electronic control of air temperature.

Continuous temperature control from 50 °C to 650 °C.

With power unit and built-in fan.

Suitable for welding, heating and forming plastic materials. Air outflow 500 l/min. V 220 - Power W 1000.



Torch with nozzle Ø 6mm.

3251E Each 815,00

For spare round nozzles Ø 6mm. See Art. 03251.

Spare resistors for Art. 3251 E - 3251 S.

O3251RE Each 65,80

For soldering rods see Art. 3378 A - C - E.

3251S

SCU



To be used with compressed-air Atm 0.1-1.

For welding all thermoplastic materials and for heating and shrinking.

Continuous electronic control of air temperature through rear potentiometer.

Temperature goes from 60 °C to 600 °C.

V 220 - Power W 1000.



Torch with nozzle Ø 5mm.

3251S Each 643,00

For spare resistors see Art- 03251 RE.

Spare round nozzles Ø 5mm for Art. 3251 S.

O3251S Each 41,70

For soldering rods see Art. 3378 A - C - E.

3252

SCU



To be used with compressed-air Atm 0.5-1.

For welding PVC, polyethylene, polypropylene.

Control of air temperature through torch air inlet.

Max. temperature 600 °C.

V 220 - Power W 700.



Torch with nozzle Ø 4mm.

3252 Each 351,00

For spare resistors see Art- 03251 R.

Spare round nozzles Ø 4mm for Art. 3252.

O3252 Each 41,70

For soldering rods see Art. 3378 A - C - E.

3252 1

SCU



FITTINGS FOR NOZZLES ART. 3251 - 3251 E - 3251 S - 3252

Flat nozzles. Width 20mm.

3252 1 Each 43,90

3252 2

SCU



Product description as Art. 3252 1

Flat nozzles. Width 40mm.

3252 2 Each 54,80

3252 3

SCU



Product description as Art. 3252 1

Nozzles for welding with plastic rods Ø up to 4mm.

3252 3 Each 87,70

3252 5

SCU



Product description as Art. 3252 1

Cap for paint removing. Width 40mm.

3252 5 Each 61,40



Product description as Art. 3252 1

Cap for heating.

3252 6 Each **57,10**



3252 6

Product description as Art. 3252 1

Roller compressor 45 mm.

3252 9 Each **52,60**



3252 9

BATTERY-POWERED GLUE GUNS

Prod. SCU - Rapid

Professional model, light, handy, practical, and uses standard 12 mm glue sticks. Ergonomic dual component material handle to move through the soft glue trigger, LED voltage indicator, tip guard and docking station. Equipped with one 2600 mAH long-life LITHIUM battery, detachable and removable, 1 100-240 V charger.

3252 30 Each **120,00**

Replacement LITHIUM battery as for Art. 3252 30.

O3252 30 Each **77,80**



3252 30

ELECTRIC GLUE GUNS

Prod. SCU - Rapid

Standard type, with trigger feeding. Use with glue sticks with diameter 12mm. Electronic thermostat. V 120-240. Input/output W 60. With rest. Without glue.

3252A Each **22,60**



CE 3252A

Semiprofessional type, with trigger feeding, versatile and practical. Thanks to the detachable cable, you can work connected to the electrical network or without connection to gluing in difficult to reach locations without electrical outlets. After reaching the working temperature, will have about 7 minutes of autonomy.

Use with glue sticks with diameter 12mm. Preset thermostat and burn-proof nozzle. V 220-240 - Power W 25 (W250). Extrusion capacity 350 gr/h. With support.

Without glue.

3252B Each **57,20**



CE 3252B

Professional heavy-duty type, with trigger feeding.

Use with glue sticks with diameter 12mm. Interchangeable nozzle and double heating element. Trigger and handle rubberized for a better grip; upper part of the body rubberized for heat protection. V 220-240. Power W 35 (W 350). Extrusion capacity 480 gr / h. With built-in support. Without glue.

3252BP Each **75,20**



CE 3252BP new

Semiprofessional heavy-duty type, with large and handy trigger feeding.

Use with glue sticks with diameter 12mm. With pre-set thermostat and burn-proof nozzle. V 220-240. Power W 40 (W 250). Extrusion capacity 1000 gr/min. With rest. Without glue.

3252C Each **113,00**



CE 3252C



3252ES

SCU



Industrial high power type.

Feeding through large trigger for easier operation. Use with glue sticks with diameter 12mm. Short warming-up time, with adjustable thermostat on 2 stages (170 °C and 205 °C). Burn-proof nozzle.

V 220-240. Power W 280 (W 380).

Instantaneous extrusion capacity 1300 gr/h.

With steady rest.

Without glue.

3252ES Each 217,00

3252ET

SCU



Industrial model, very powerful, long life and low power consumption.

With trigger. Use with Ø 12 mm glue sticks. Fast heating time, with adjustable thermostat on 5 positions (120°C - 145°C - 170°C - 195°C - 220°C). Spout protected against burns.

V 220-240. Power W 220.

Extrusion capacity 1400 g/h.

With stable built-in support.

Without glue.

3252ET Each 222,00

3252F 1

SCU



Prod. SCU

STICKS OF GLUE FOR ART. 3252 30 - 3252 A - B - BP - C - ES - ET.

Non-toxic, hot melting type.

Sticks Ø 12mm, length 200mm.

1 Kg pack, not sold separately.

3252F 1 Pack 14,10

3252F 3

SCU



Product description as Art. 3252F 1

Confezione indivisibile da kg 1.

1 Kg pack, not sold separately.

3252F 3 Pack 14,90

3252F 5

SCU



Product description as Art. 3252F 1

Confezione indivisibile da kg 1.

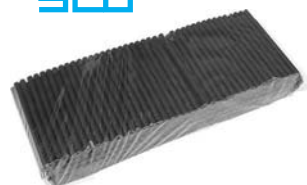
1 Kg pack, not sold separately.

3252F 5 Pack 14,90

3252F 7

new

SCU



Product description as Art. 3252F 1

CONFEZIONE INDIVISIBILE DA KG 5.

5 Kg pack, not sold separately.

3252F 7 Pack 74,30

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SOLDERING WIRE DISPENSERS

Prod. SCU - Orig. Weller

Stylus type, light and handy. Dual component antislip body. Operated with No.4 AA alkaline batteries (Art. 3600 E) (included). It reaches operating temperature in approx. 30 seconds. It performs 180 welding points with a battery charge. It reaches the temperature of 380°C at I° level (green led) and of 480°C at II° level (red led). Power from 6 to 8 W. Suitable for use in microelectronics, electronics, electrical applications, both hobbistic and professional. Supplied with No.1 conical tip 0.8mm and No. 1 flat tip (1.8mm). Unleaded solder alloy, service key, safety cap for tool turning off. In case.

SCU

3252FA



3252FA Each 78,90

Spare conical tips 0.8mm for microwelding Art. 3252 FA.

O3252FA 5 Each 17,10

Spare straight, flat tips 1.8mm, universal use, for Art. 3252 FA.

O3252FA 8 Each 16,40

GAS TORCHES

Prod. SCU - Orig. Weller

Gun model with support for use even on tables with piezo ignition power. For use with butane gas, which can be refilled in seconds. For repairing vehicle parts, applying and removing paints, adhesives, labels, hydraulic repairs, for the production of handicrafts etc. Operates at a temperature of up to 1300° C, with adjustable gas/flame. Operating time of approx. 50 minutes per charge. In blister (gas cylinder not included).

SCU

3252FL



3252FL Each 59,20

For filling see Butane gas bottles Art. 3252G 75.

Orig. Peddinghaus - Art. 7000503502

Pistol type, with separate support for use on bench, high performance and long battery life. Direct application on the butane / propane gas can (Art. 3252 FP). With piezoelectric ignition. To make repairs of car parts; for installation and removal of paints, adhesives, labels, repairs in the hydraulic field; to shape tubes for the production of handicrafts, etc. Temperature up to 1925 ° C, with adjustment of gas / flame. Runtime c.a. 2.5 hours per can. Complete with 1 can.

PEDDINGHAUS

3252FM



3252FM Each 77,10

Orig. Peddinghaus - Art. 7000503498

Butane / propane gas can, spare part for torches Art. 3252 FM. With gas shut-off valve, when removing the torch body. Protective cap. Content ml 600 (336 g).

PEDDINGHAUS

3252FP



3252FP Each 13,60

Cartridge welders see Art. 3250 BR - BT - C - CA-CB.



GAS SOLDERING IRONS

3252G 3 SCU



Prod. SCU - Orig. Weller

Stylus type, light and handy, with piezoelectric ignition. Use with butane, rechargeable in a few seconds. Suitable for welding and brazing. For welding, heating and hot-cutting. Temperature adjustable up to 650 °C. Operating autonomy approx. 75 minutes per charge. Total length 210mm. Supplied with 1 conical tip for welding, 1 air nozzle, safety cap.

In box (without gas).

3252G 3 Each 162,00

For BUTANE GAS aerosols see Art. 3252 G 75.

Spare conical tip for welding for Art. 3252 G 3.

O3252G 4 Each 34,20

Spare air nozzle for Art. 3252 G 3.

O3252G 5 Each 33,90

Knife nozzle for cutting thermoshrinking material for Art. 3252 G 3.

O3252G 6 Each 47,60

3252G 20 SCU



Industrial stylus type, with piezoelectric ignition and controlled temperature. Use with butane. Temperature controlled through gas inlet variations. Rapid reaching of pre-set temperature (approx. 30 seconds). Suitable for welding and brazing. Tip temperature ranges from 350 °C to 500 °C. Autonomy of operation 180 min. approx. per charge. Total length 250mm. Supplied with 1 screwdriver tip 3mm. for welding, 1 air nozzle with diameter 5.7mm, sponge, bench stand, gas aerosol and wrench.

In metal box.

3252G 20 Each 387,00

For BUTANE GAS aerosols see Art. 3252 G 75.

Spare screwdriver tip for welding 3mm for Art.3252 G 20.

O3252G 21 Each 28,90

Spare air nozzle Ø 5.7mm for Art. 3252 G 20.

O3252G 22 Each 36,10

Screwdriver tip for welding 5mm for Art. 3252 G 20.

O3252G 23 Each 35,40

Straight conical tip for welding for Art. 3252 G 20.

O3252G 24 Each 28,90

Curved conical tip for welding for Art. 3252 G 20.

O3252G 25 Each 29,40

Flat tip for welding 2mm, for Art. 3252 G 20.

O3252G 26 Each 29,40

Flat tip for welding 3mm, for Art. 3252 G 20.

O3252G 27 Each 29,40

Air nozzle Ø 1,7mm for Art. 3252 G 20.

O3252G 28 Each 44,10

Air nozzle Ø 7mm for Art. 3252 G 20.

O3252G 29 Each 38,20

BUTANE GAS BOTTLES

3252G 75 SCU



Prod. SCU - Orig. Weller

Refill gas cans for Art. FL-3252 3252 G 3-3252-3252 G 7 G 20.

Contents: iso-butane gas, 75ml.

3252G 75 Each 13,30

STYLUS ELECTRIC SOLDERING IRONS

3252GC SCU



Prod. SCU - Orig. Weller

MINI type, industrial electronics use, miniaturized printed circuits. High performance, with iron-coated copper tips for longer life and perfect efficiency.

Conform to European Safety standards. With straight tip 2 mm. 15 Watt.

Voltage V 230.

3252GC Each 57,40

Spare tips for Art. 3252 GC.

O3252G Each 20,40



Prod. SCU

Suitable for electronics, electrotechnics, and repairers.
V 230.
Conform to European Safety standards, GS/TÜV.
With straight tip. W 30 (380° C).

3252H Each **10,30**

(Irreplaceable resistors)

SCU **3252H**



Product description as Art. 3252H

With bent tip. W 40 (400° C).

3252S Each **11,40**

(Irreplaceable resistors)

SCU **3252S**



Product description as Art. 3252H

With bent tip. W 60 (410° C).

3252T Each **13,20**

(Irreplaceable resistors)

SCU **3252T**



Product description as Art. 3252H

With bent tip. W 80 (420° C).

3252V Each **15,10**

(Irreplaceable resistors)

SCU **3252V**



Product description as Art. 3252H

With bent tip. W 100 (430° C).

3252Z Each **18,10**

(Irreplaceable resistors)

SCU **3252Z**



Prod. SCU - Orig. Weller

Innovative professional model, patented, with 3 high brightness LEDs that provide optimum illumination of the spot weld. Handle rounded in soft rubbery material, triangular socket for a better control of the tip and to avoid dangerous rollings of the welder on the worktop. Ideal in the field of electronics and electro-radio engineer. With tips of copper nickel (except Art. 3252 ZH with iron coated copper tip).

Conform to European safety standards.

With straight flat tip 2 mm. V 230 - W 15 (400° C).

3252ZE Each **52,30**

Spare tips for Art. 3252 ZE.

In packs of 3 pieces.

O3252ZE Pack **11,30**

SCU **3252ZE**



Product description as Art. 3252ZE

With straight flat tip 0.8 mm. V 230 - W 25 (400° C).

3252ZF Each **52,70**

Spare tips for Art. 3252 ZF.

In packs of 3 pieces.

O3252ZF Pack **10,90**

SCU **3252ZF**



Product description as Art. 3252ZE

With straight flat tip 6.3 mm. V 230 - W 40 (480° C).

3252ZG Each **59,10**

Spare tips for Art. 3252 ZG.

In packs of 3 pieces.

O3252ZG Pack **14,00**

SCU **3252ZG**



Product description as Art. 3252ZE

With straight flat tip 9.5 mm. V 230 - W 80 (480° C).

3252ZH Each **71,00**

Spare tips for Art. 3252 ZH.

O3252ZH Each **20,20**

SCU **3252ZH**





3253GA SCU CE



Industrial use. Suitable for electronics - radio engineering and electrotechnics. High performance, with iron-coated copper tips for longer life and perfect efficiency. Conform to European Safety standards.

With straight flat tip 1.2mm. V 230 - W 15.

3253GA	Each	121,00
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Spare tips for Art.3253 GA.

O3253GA	Each	12,70
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Spare resistors for Art. 3253 GA.

O3253GAR	Each	79,30
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Product running out of stock.

3253GB SCU CE



Product description as Art. 3253GA

With straight flat tip 1.2mm. V 230 - W 25.

3253GB	Each	121,00
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Spare tips for Art.3253 GB.

O3253GB	Each	11,80
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Spare resistors for Art. 3253 GB.

O3253GBR	Each	91,30
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3253GC SCU CE



Product description as Art. 3253GA

With straight flat tip 2mm. V 230 - W 40.

3253GC	Each	121,00
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Spare tips for Art.3253 GC.

O3253GC	Each	12,30
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Spare resistors for Art. 3253 GD.

O3253GCR	Each	91,30
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3253GD SCU CE



Product description as Art. 3253GA

With bent flat tip 5mm. V 230 - W 75.

3253GD	Each	140,00
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Spare tips for Art.3253 GD.

O3253GD	Each	24,60
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Spare resistors for Art. 3253 GD.

O3253GDR	Each	98,60
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ELECTRIC SOLDERING IRONS

3260B SCU CE



Prod. SCU

Standard type, for discontinuos application. With flat copper torch. With attachment plug. V 220.

Power	W	100	150	300	500
Copper weight	grams	100	150	300	500
3260B	Each	43,50	49,10	60,70	57,60

Size W 500 running out of stock.

Spare resistors for Art. 3260 B.

Power	W	100	150	300	500
O3260B	Each	12,70	14,60	16,90	15,10

Size W 500 running out of stock.

3261A SCU CE



Industrial type. With round copper torch and flat tip.

With attachment plug.

Conform to CEI 186/68 safety standards. V 220.

Power	W	25	50	100	200	300
Welder weight	grams	200	250	300	500	700
Tip Ø	mm	4,5	8	11	16	20
Max temperature	°C	350	380	400	380	400
3261A	Each	69,80	80,90	93,10	187,00	211,00

Spare resistors for Art. 3261 A.

Power	W	25	50	100	200	300
O3261A	Each	39,80	43,30	49,20	74,60	93,20

Spare copper tips for Art. 3261 A.

Power	W	25	50	100	200	300
O3261B	Each	11,60	14,80	20,30	62,30	84,40

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Industrial type. With rectangular flat copper torch.

With attachment plug.

Conform to CEI 186/68 safety standards. V 220.

Power	W	100	200	300	450
Welder weight	grams	500	700	900	1350
Copper dimensions	mm	5x25	10x30	10x40	10x50
Max temperature	°C	380	420	450	480
3261E	Each	75,10	93,10	112,00	247,00

Spare resistors for Art. 3261 E.

Power	W	100	200	300	450
O3261E	Each	26,60	32,30	39,40	77,10

Spare copper for Art. 3261 E.

Power	W	100	200	300	450
O3261F	Each	20,30	42,80	58,30	109,00

SCU **CE** **3261E**



SOLDERING IRONS WITH CONTROLLED TEMPERATURE.

Prod. SCU - Orig. Weller

Suitable for radio - tele - electronics. Temperature is controlled through built-in thermostat. Safe connections. Light weight so as not to tire the operator. Stainless steel metallic parts. For soft soldering.

V 230. Conform to European safety standards. Choice of max. working temperature: 310 or 425 °C according to the tip being used.

With 1 tip (370 °C).

Power	W	60	100	200
With straight tip width	mm	2,4	7	10
3263G	Each	205,00	231,00	296,00

SCU **CE** **3263G**



SPARE TIPS.

Type		1	3	9	10	11	12	14	17	18	19	20
For welders Art.		3263G 60	3263G 60	3263G 60	3263G 60	3263G 60	3263G 60	3263G 60	3263G 60	3263G 60	3263G 60	3263G 60
Power	W	60	60	60	60	60	60	60	60	60	60	60
Width	mm	1,6	3,2	1,6	2,4	3,2	5	2,4	1,6	2,4	3,2	5
Working temperature	°C	310	310	370	370	370	370	370	425	425	425	425
Type of tip		straight	straight	straight	straight	straight	straight	curved	straight	straight	straight	straight
O3263G	Each	15,70	19,70	13,30	13,30	13,30	13,30	26,70	16,10	13,30	13,30	13,30

Type		23	36	37	38	39	42	43	44	45	54	55
For welders Art.		3263G 60	3263G 100	3263G 100	3263G 100	3263G 100	3263G 100	3263G 100	3263G 100	3263G 100	3263G 200	3263G 200
Power	W	60	100	100	100	100	100	100	100	100	200	200
Width	mm	3,2	3,2	5	7	3,2	3,2	5	7	3,2	7	10
Working temperature	°C	425	370	370	370	370	425	425	425	425	370	370
Type of tip		curved	straight	straight	straight	curved	straight	straight	straight	curved	straight	straight
O3263G	Each	27,40	26,70	26,70	26,70	34,90	26,70	26,70	26,70	23,50	50,30	49,80

Type		56	57	58	59	61
For welders Art.		3263G 200	3263G 200	3263G 200	3263G 200	3263G 200
Power	W	200	200	200	200	200
Width	mm	7	10	7	10	10
Working temperature	°C	370	370	425	425	425
Type of tip		curved	curved	straight	straight	curved
O3263G	Each	51,10	51,10	49,80	49,80	50,70

Sizes 39 and 45 running out of stock.

HIGH-SPEED SOLDERING IRONS

Prod. SCU

Suitable for radio - tele - electronics. Instant heating, low consumption, with lamp and interchangeable copper tip. Plastic body.

Power W 100 (540° C) - V 230. Sturdy and handy.

Conform to European safety standards.

3264F	Each	34,20
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Spare tips for Art.3264 F.

O3264F	Each	1,28
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SCU **CE** **3264F**





3264G SCU CE



Prod. SCU - Orig. Weller

Industrial type. Suitable for radio - tele - electronics. Instant heating, low consumption, with lamp. Copper tip easy to change. Sturdy and handy body, covered with plastic. Easy and secure soldering even in difficult positions. V 230. Conform to European safety standards.

Power	W	100	250
Weight	Kg	0,900	1,350
3264G	Each	96,20	199,00

Spare tips for welding for Art. 3264 G.

For welders	W	100	250
O3264GA	Each	8,10	23,10

The price of Art. O3264 GA x 100 refers to a 2pcs pack.

Spare tips for cutting for Art. 3264 G.

For welders	W	100	250
O3264GB	Each	16,40	17,20

Spare tips for smoothing for Art. 3264 G.

For welders	W	100	250
O3264GC	Each	16,40	24,30

3266G SCU CE



Industrial type, with fittings. High speed heating and soldering.

With lamp that illuminates the work area.

With 2 interchangeable copper tips and 1 tip for plastic cutting, reel of soldering wire, 1 scriber.

With attachment plug.

Conform to European safety standards. Power W 1000 - V 230.

3266G	Each	128,00
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For spare tips see Art. 03264 GA - 03264 GB - 03264 GC 100 W.

ANALOGIC SOLDERING STATIONS

3267GA SCU CE



Prod. SCU - Orig. Weller

Professional type with steady temperature.

Suitable for soldering radio-tele-electronic connections. Autotransformer with input 230 V/output 24 V. Safe and secure. Soldering iron spring holder on a base and sponge for tip cleaning. Power 55 W.

Soldering iron with 3.2mm. tip: weight 100g.

External antistatic coating.

Conform to European safety standards. Max. working temperature 370 °C.

Transformer size: mm.116x165x101h approx.

3267GA	Each	531,00
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3267GB SCU CE



Product description as Art. 3267GA

Soldering iron only W 50 - V 24.

3267GB	Each	219,00
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For spare straight tips, length 13mm, for Art. 3267 GA / 3267 GB (new model) see Art. O3267 GZ.

Spare straight tips, length 37mm, for Art. 3267 GA / 3267 GB (old model).

Width	mm	1,6	2,4	3,2	5
O3267GC	Each	11,30	11,30	11,30	11,30

Spare tip cleaning sponges, for Art. 3267 GA - 3267 GT - 3268 R. Dimensions 70x55mm. In packs of 5 sponges, NOT SOLD SEPARATELY.

O3267GD	Pack	33,40
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3267GE SCU



Prod. SCU

Unsoldering unit to be used with Art. 3267 GB.

3267GE	Each	154,00
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Prices in EURO . VAT not included



Prod. SCU - Orig. Weller

Standard type with temperature control from 200 °C to 450 °C.
 Suitable for soldering radio-tele-electronic connections. Autotransformer with input 230 V/output 18 V. Safe and secure. Soldering iron spring holder on a base and sponge for tip cleaning. Power 40 W. Soldering iron with 2 mm. nickel-plated tip: weight 100g. Conform to European safety standards.

Size mm. 155x106x73h. approx.

3267GF Each **215,00**

Only soldering iron W 40 - V 18 for Art. 3267 GF / 3268 G.

OS3267GF Each **86,80**

Spare nickel-plated tips for Art. 3267 GF / 3268 G.

O3267GF 2 Each **4,94**

Spare nickel-plated tips 3.5mm (3pcs folder) for Art. 3267 GF / 3268 G.

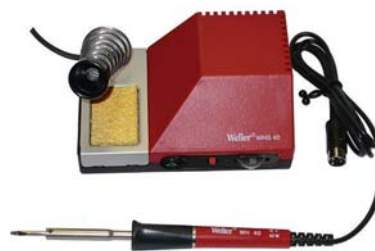
O3267GF 3 Pack **20,10**

Spare "Longlife" tips 0.4mm for Art. 3267 GF / 3268 G.

O3267GF 5 Each **11,80**

Spare "Longlife" tips 2mm for Art. 3267 GF / 3268 G.

O3267GF 7 Each **11,80**



Professional type, with electronic continuous control of temperature from 150 °C to 450 °C.
 Suitable for soldering radio-tele-electronic connections. Autotransformer with input 230 V/output 24 V. Safe and secure. Soldering iron holder rest on a base and sponge for tip cleaning. Power 95 W. Soldering iron with 2.4 mm tip: weight 50g.

External antistatic coating.

Conform to European safety standards.

Transformer size mm. 116x165x101h approx.

3267GT Each **630,00**



Product description as Art. 3267GT

Soldering iron only W 80 - V 24.

3267GV Each **366,00**

Spare straight tips for soldering with pure tin, without lead, for Art. 3267 GT / 3267 GV / 3267 GA / 3267 GB.

Width	mm	0,8	1,6	2,4	3,2	4,6
O3267GZ	Each	10,10	10,10	10,10	10,10	10,10



DIGITAL SOLDERING STATIONS

Prod. SCU - Orig. Weller

Standard type, with electronic continuous control of temperature from 150 °C to 450 °C.
 Suitable for soldering radio-tele-electronic connections. Both actual tip temperature and set temperature are shown on the display. Autotransformer with input 230 V/output 18 V. Safe and secure. Soldering iron spring holder on a base and sponge for tip cleaning. Power 40 W. Soldering iron with 2 mm. "Longlife" tip: weight 100g. Conform to European safety standards.

Size mm. 155x106x73h. approx.

3268G Each **306,00**

For spare soldering iron complete with cable see Art. OS3267 GF.

For spare tips see Art. O3267 GF 2-3-5-7.



Prod. SCU - Orig. Weller

Professional type, one channel with LCD display. Excellent value for money. Electronic temperature control and continuous adjustment from 100 °C to 450 °C.

For any electric / electronic welding.

The actual temperature of the tip and the set temperature are shown on the display.

With auto-transformer 230 V input, 24 V output. Th standby mode and the automatic energy reduction save current and protect the station.

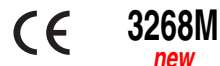
Complete with holder on base and sponge for cleaning tips. Power 85 W.

Weight of the welder alone, complete with 1.6 mm tip: g 50. External coating, welder and antistatic cable (ESD).

Conform to European safety standards.

Transformer size mm. 150x120x98 h approx.

3268M Each **368,00**



**3268MA**
new

SCU

**Prod. SCU - Orig. Weller**

Product description as Art. 3268M

Soldering iron only W 70 - V 24.

3268MA Each **140,00**

Spare straight tips for soldering with pure tin, without lead, for Art. 3268 MA.

Width	mm	1,6	2,4	3,2	4,6
O3268MA	Each	12,10	12,10	12,10	12,10

3268R

SCU

**Prod. SCU**

Industrial model, very sturdy construction, with electronic temperature control and continuous adjustment from 50°C to 450°C.

For any electrical/electronic welding.

The actual temperature of the tip and the set temperature are shown on the display.

With autotransformer input 230 V output 24 V. No danger to the operator.

Complete with holder on base and sponge for cleaning tips. Power 95 W.

Weight of welder with 2.4 mm iron tip: 50 g. Antistatic outer coating.

Built in accordance with European safety standards.

Dimensions of transformer approx. mm 116x165x101 H.

3268R Each **741,00****For welder and spare tips see Art. 3267 GV and O3267 GZ 0,8 to 4,6.****Product running out of stock.****3268RE**
new

SCU

**Prod. SCU - Orig. Weller**

High performance industrial type, one channel with LCD display. Electronic temperature control and continuous adjustment from 50 ° C to 450 ° C.

For any electric / electronic welding.

The actual temperature of the tip and the set temperature are shown on the display.

With input autotransformer 230 V output 24 V. No danger for the operator thanks to the sensor placed on the handle of the welder that shows its use (standby function).

Complete with holder on base and sponge for cleaning tips. Power 90/95 W.

Weight of the welder alone, complete with 1.6 mm tip: g 50. External coating, welder and antistatic cable (ESD).

Built in accordance with European safety standards.

Transformer size mm. 150x130x101 h approx.

3268RE Each **940,00****3268RF**
new

SCU



Product description as Art. 3268RE

Soldering iron only W 90 - V 24.

3268RF Each **486,00**

Spare straight tips for soldering with pure tin, without lead, for Art. 3268 RF.

Width	mm	0,8	1,6	2,4	3,2	4,0
O3268RF	Each	15,90	15,90	15,90	15,90	15,90

SUCTION PUMPS**3268VT**

SCU

**Prod. SCU**

Standard model.

Suitable for radio-tele-electronics and printed circuits.

For sucking solder from connections by means of an electric soldering iron.

PTFE tip, body in antistatic plastic material.

3268VT Each **26,90**

Spare PTFE tips for Art. 3268 VT.

O3268VT Each **5,74****3268Z**

SCU



Professional type.

Suitable for radio-tele-electronics and printed circuits.

For sucking solder from connections by means of an electric soldering iron.

PTFE interchangeable tip.

3268Z Each **22,90**

Spare PTFE tips for Art. 3268 Z.

O3268Z Each **2,90**

ESD antistatic/dissipating tips for Art. 3268 Z.

O3268ZA Each **3,24**



Industrial model.

Suitable for radio-tele-electronics and printed circuits.

For sucking solder from connections by means of an electric soldering iron.

PTFE tip, body in antistatic aluminium.

3268ZE Each **42,50**

Spare PTFE tips for Art. 3268 ZE.

O3268ZE Each **12,70**

SCU

3268ZE



ELECTRODE ARC-WELDING MACHINES

Prod. SCU

Portable electric arc-welding machines, with monophasic alternate current. Conform to European specifications EN 60974-6/ EN 60974-10. Forced air-cooling. Direct current control by means of a graduated scale knob. Thermostatic protection against overloads. Voltage 230-400 V - 50Hz. Loadless voltage 48 V. Class H insulation. Protection IP 21. For rutile-coated electrode welding of soft steels, iron, steel plates etc.

Max absorbed power by	kW	2,5 - 4,5
Min÷max electrode	mm	2-4
Min/max current regulation	A	55-150
Weight approx.	Kg	19
Dimensions	mm	420x280x330h

3269B Each **294,00**

For electrode holders, clamps and connectors see from Art. 3277 to 3284.

For kit cables, clamps, yoke, helmet etc. see Art. 3290.

Product running out of stock.

SCU



3269B



IP21

INVERTER WELDING MACHINES

Prod. SCU

Professional portable electric welding machines, monophasic alternate current. Conform to European specifications EN 60974-1/EN 60974-10. Forced-air cooling for non-stop use. Direct current control by means of a graduated scale knob. Automatic protection against overheating with automatic reset.

Voltage 230 V - 50/60 Hz. SCHUKO plug. Loadless voltage 70V. Class H insulation. Suitable for welding with all kinds of electrodes (except those containing cellulose). Supplied with carrying case, electrode holder and earth clamp with 2.8 + 1.8 m of 16 mm² cross section cables and 25 mm Ø couplings.

Max absorbed power by	kW	2
Min÷max electrode	mm	1,6-3,2
Min/max current regulation	A	10-140
Weight approx.	Kg	4,5
Dimensions	mm	290x140x220h

3271A Each **574,00**

SCU



3271A



Professional electric welding machines, with monophasic alternate current. Compliant with European specifications EN 60974-1/ EN 60974-10. Forced air-cooling for continuous use. Continuous electronic current control by means of a graduated scale knob. Automatic protection against overheating with automatic reset.

Voltage 230 V - 50/60 Hz. SCHUKO type plug. Loadless voltage 80 V. Insulation class H. For welding using all types of electrode (excluding those containing cellulose). Supplied with carrying case, electrode holder and ground clamp with 1.9 + 1.8 m of 16 mm² cross section cables and 25 mm Ø couplings.

Max absorbed power by	kW	3,5
Min÷max electrode	mm	1,6-4
Min/max current regulation	A	10-160
Weight approx.	Kg	4,8
Dimensions	mm	280x115x210h

3271E Each **664,00**

The technical characteristics of Art. 3271 A - E are subject to possible changes by the manufacturer.

SCU



3271E



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WELDING ELECTRODES

Prod. SCU

Rutile-coated type, according to E 6013 standard. For welding iron, building steel, pressurized reservoirs etc. For welding machines Art. 3269 B - 3271 L and portable welding machine with standard voltage (45 V min.). In packing units, not sold separately.

Ø	mm	1,5	2	2,5	3,25	4
Length	mm	300	300	300	450	450
Indivisible pck. (approx)	Pcs	500	400	275	125	90
Weight pack	Kg	3,8	4,2	4,5	5,7	6

3272A Pack **78,10** **47,80** **34,80** **35,30** **35,90**

SCU



3272A



**3272B****SCU**

Basic coating type, according to 7018-S1 specification. Suitable for strong welding of iron, steel, steel alloys etc. for heavy carpentry such as shipbuilding, heavy vehicles etc.. For welding machines Art. 3270 - 3271 L and high voltage welding machines (70 V min.) In packing units, not sold separately.

Ø	mm	2	2,5	3,25	4
Length	mm	300	300	450	450
Indivisible pck.(approx)	Pcs	350	200	120	80
Weight pack	Kg	4,3	4	5,7	5,5
3272B	Pack	67,20	47,50	59,80	54,40

3272E**SCU**

Type with Rutile coating with very low Carbonium level. Suitable for welding INOX, AISI 347 - 321 - 308 - 304L - 304 - 302 - 301. Suitable for welding machines Art. 3270 to 3271 L and high voltage welding machines (50 V mon.) both with direct and alternate current. In packing units, not sold separately.

Ø	mm	2	2,5	3,25
Length	mm	300	300	350
Indivisible pck.(approx)	Pcs	180	120	70
Weight pack	Kg	2	2,15	2,45
3272E	Pack	67,40	60,10	63,70

INOX**3272L****SCU**

Titanium-coated model with very low carbon content. Suitable for welding STAINLESS steel AISI 316 - 316L - 202 - 317.

To be used with welding machines Art. 3270 to 3271 L and high voltage welding machines, (min. 50 V) both direct and alternate current. In packing units not sold separately.

Ø	mm	2	2,5	3,25
Length	mm	300	300	350
Indivisible pck.(approx)	Pcs	167	115	67
Weight pack	Kg	2	2,1	2,45
3272L	Pack	76,30	71,90	77,20

INOX**3272R****SCU**

Basic-coated model with low carbon content. Suitable for welding STAINLESS steel AISI 309 - 309S - 310 310S with standard steel in dissimilar welding.

To be used with welding machines Art. 3270 to 3271 L and high voltage welding machines, (min. 50 V) both direct and alternate current. In packing units not sold separately.

Ø	mm	2,5	3,25
Length	mm	300	350
Indivisible pck.(approx)	Pcs	110	64
Weight pack	Kg	2	2,2
3272R	Pack	79,30	82,80

INOX**ELECTRODE-HOLDERS****3277****SCU****Prod. SCU**

Straight type with electrode-holder jaws. In heavy brass. Totally insulated.

Cable connection inside the handle. Electrodes may be clamped in any direction. Conform to European specifications EN 60974-11.

Size		200	350	500	700
Capacity at 60%	A	150	200	250	300
For electrodes up to Ø	mm	3,2	3,2	5	6,3
Max cable section Ø	mm ²	25	35	50	70
3277	Each	13,60	17,00	20,30	24,80

3277G**SCU**

Straight type with electrode-holder jaws. Totally insulated. Handle is made of special sintered material, fire-proof, shatter-proof with high insulating power.

Jaws are externally insulated through a thick protection. Strong spring.

Conform to European specifications EN 60974-11.

Max load capacity	A	200	300	400	600
For electrodes up to Ø	mm	3	4	4	6
3277G	Each	14,90	16,70	20,10	24,20

Insulated protections for Art. 3277 G.

Max load capacity	A	200	300	400	600
03277G	Per pair	3,00	4,36	4,36	5,40

3277S**SCU**

Straight type with electrode-holder hole. Totally insulated, including the lever.

Fiber-glass handle and tip with strongly insulated head.

Conform to European specifications EN 60974-11.

Size		300	400	500	600
Capacity at 60%	A	150	200	250	300
For electrodes up to Ø	mm	3,2	4	5	6,3
Max cable section Ø	mm ²	25	35	50	70
3277S	Each	23,50	26,70	30,10	32,80



Bent type with electrode-holder hole. In brass. Totally insulated. Locking of the cable and tightening of the electrode by screwing the handle. Conform to European specifications EN 60974-11.

Size		400	600
Capacity at 60%	A	200	300
For electrodes up to Ø	mm	4	6,3
Max cable section Ø	mm ²	35	70
3277V	Each	52,40	60,20



CABLE LUGS AND EARTH CLAMPS

Prod. SCU

Brass cable lugs

Capacity	mm ²	35	75	100
For cable Ø	mm	6	12	13
For screws Ø	M.	12	12	12
3278	Each	2,42	5,40	4,94

Product running out of stock.



Nickel-plated brass lugs. Straight terminal.

Capacity	mm ²	16	25	35	50	75	100
For cable Ø	mm	5,1	6,3	7,5	9,5	11	13
Bore Ø for screws	mm	8,5	8,5	10,5	10,5	13,25	14,3
Number of bolts	No.	2	2	2	4	4	4
3278A	Each	2,08	2,40	2,80	4,54	5,56	5,86



Spring clamps made of die-cast brass.

For the seizing of both plates and tubes with small diameters. Conform to European specifications BS638-5.

Size		300	650
Capacity at 60%	A	200	400
Max cable section Ø	mm ²	50	95
Grip max.	mm	55	65
3279	Each	13,50	22,60



Spring clamps made of stamped and treated plate.

Internal copper wires. Conform to European specifications BS638-5.

Size		350	500	650	800
Capacity at 60%	A	300	300	400	500
Max cable section Ø	mm ²	50	70	95	120
Grip max.	mm	74	74	80	80
3279S	Each	12,10	15,20	21,90	24,40



Screw clamps made of brass. Jaws opening up to 38mm. Conform to European specifications

Capacity at 60%	A	300
Max cable section Ø	mm ²	50
3281	Each	29,70



Screw clamps, heavy finish. Brass arc.

Conform to European specifications BS638-5.

Capacity at 60%	A	400	700
Max cable section Ø	mm ²	95	120
Opening up to	mm	70	100
3281A	Each	48,50	67,90



Screw clamps with hollow hooking coated with insulating rubber.

Jaws opening up to 35mm. Total length 160mm.

Conform to European specifications BS638-5.

Capacity at 60%	A	500
Max cable section Ø	mm ²	95
3281E	Each	26,80





PANEL SOCKETS

3282R

SCU



Prod. SCU

In brass. Coated with insulating material. Bayonet joint.
Male.

Max cable section Ø	mm ²	25	70	95
Capacity at 60%	A	200	400	500
Jack length	mm	12	19	19
3282R	Each	6,02	11,20	11,80

3282S

SCU



Product description as Art. 3282R

Female.

Max cable section Ø	mm ²	25	70	95
Capacity at 60%	A	200	400	500
3282S	Each	3,12	6,00	7,90

CABLE CONNECTORS

3283

SCU



Prod. SCU

In brass. Coated with insulating material. Bayonet joint.
Conform to European specifications EN 60974-12.

Male.

Max cable section Ø	mm ²	25	50	70	95
Capacity at 60%	A	200	300	400	500
Jack length	mm	12	19	19	19
3283	Each	3,12	6,86	9,40	12,40

3284

SCU



Product description as Art. 3283

Female.

Max cable section Ø	mm ²	25	50	70	95
Capacity at 60%	A	200	300	400	500
3284	Each	3,52	7,14	9,18	12,30

WELDING KIT

3290

SCU



Prod. SCU

The kit contains:

- 1 electrode holder - A 150 complete with 3 m flexible cable 10mm² and cable lugs
 - 2 connectors Art. 3283x25
 - 1 earth clamp complete with 2 m flexible cable 10mm²
 - 1 welding hammer
 - 1 safety screen
 - 1 transparent safety glass 75x98mm
 - 1 coloured protective adiacinic glass 75x98mm
- Complete set.

3290	Each	93,70
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MAGNETIC SETSQUARES

3295A

PEDDINGHAUS



Orig. Peddinghaus - Art. 0346000000

Fixed type. Sturdy steel sheet body, U-shaped section.

Allows coupling of any shape for easier welding or working without manual holding/fixing.

Positioning them on different sides allows angles of 30° - 45° - 60° - 90° - 180°.

With 2 riveted side holes to allow the magnets to be connected in sets using screws.

Without magnet disconnection switch and central hole for an easier disconnection.

Length	mm	100
Thickness	mm	25
Height	mm	110
Diagonal	mm	110
Max magnetic force	Kg	25 - 36
3295A	Each	48,20

ESEMPI DI FISSAGGIO



Prod. SCU

Fixed type. Sturdy steel sheet body, U-shaped section.
Allows coupling of any shape for easier welding or working without manual holding/fixing.
Positioning them on different sides allows angles of 45° - 90°.
With 2 riveted side holes to allow the magnets to be connected in sets using screws.

With magnet disconnection switch.

Length	mm	95	130
Thickness	mm	30	35
Height	mm	110	150
Diagonal	mm	100	140
Max magnetic force	Kg	31,5 - 36	54 - 63,5
3295E	Each	56,30	71,30

Magnetic force varies according to the length of the used side.

SCU

3295E



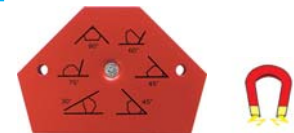
Fixed type. Sturdy steel sheet body.

Allows coupling of any shape for easier welding or working without manual holding/fixing.
Positioning them on different sides allows angles of 30°, 45°, 60°, 75°, 90° and 180°.
Dimensions: lower base 80 mm, upper base 26 mm, lower inclined sides 30 mm and upper inclined sides 48 mm. Height 64 mm.

3295EP	Each	7,38
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SCU

3295EP
new



Adjustable model. Ferrite magnets with high grip.

Allow you to match bodies of any form for convenient processing or welding, without manual intervention.

Arms tilting from 45° to 90° with references at 60° and 75°.
Max. magnetic force 250 N. Dimensions 115x115x35mm. Weight 1.5 Kg.

3295L	Each	115,00
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SCU

3295L



SOLDER WIRE

Prod. SCU

Solder wire with internal deoxidizer DIN EN 29453 (DIN 8516).
For quick and tough, tin and plub soldering, without acids nor deoxidizers.
Melting temperature: 183 °C - 235 °C.
Alloy 40% of tin. Spools of 1 m approx.

Wire Ø	mm	1,5	2
3361GA	Each	1,76	1,38

ONLY FOR PROFESSIONAL USE.

SCU

3361GA



Solder wire with internal deoxidizer DIN EN 29453 (DIN 8516).

For quick and tough, tin and plub soldering, without acids nor deoxidizers also in electric and electronic applications. Melting temperature: 183 °C - 190 °C.
Alloy 60% of tin. Spools of 1 m approx.

Wire Ø	mm	1	1,5	2
3361GB	Each	1,76	1,96	1,96

ONLY FOR PROFESSIONAL USE.

SCU

3361GB



99.3% pure tin solder wire with internal deoxidizer PAT-DE 19816671C2. For welding, without lead, of materials in electrical, electrotechnical, electromechanical and electronic applications.
Melting point 217 °C - 227 °C.

Spools of 1 m approx.

Wire Ø	mm	1	1,5
3361GBE	Each	2,32	2,32

ONLY FOR PROFESSIONAL USE.

SCU

3361GBE
new



**3361GC** SCU

Solder wire with internal deoxidizer DIN EN 29453 (DIN 8516).
For quick and tough, tin and plub soldering, without acids nor deoxidizers.
Melting temperature: 183 °C - 235 °C.

Alloy 40% of tin. In package units of 1 kg (corresponding to 4 skeins of kg 0.250).

Wire Ø	mm	1	1,5	2	3
3361GC	Per Kg	61,30	61,50	59,50	59,30

ONLY FOR PROFESSIONAL USE.**3361GL** SCU

Solder wire with internal deoxidizer DIN EN 29453 (DIN 8516).
For quick and tough, tin and plub soldering, without acids nor deoxidizers.
Melting temperature: 183 °C - 190 °C.

Alloy 60% of tin. In package units of 1 kg (corresponding to 4 skeins of kg 0.250).

Wire Ø	mm	1	1,5	2	3
3361GL	Per Kg	78,50	77,50	76,70	76,50

ONLY FOR PROFESSIONAL USE.**3361GM** SCU

Solder wire with internal deoxidizer DIN EN 29453 (DIN 8516).
For quick and tough, tin and plub soldering, without acids nor deoxidizers also in electric and electronic applications. Melting temperature: 183 °C - 190 °C.

Alloy 60% of tin. In package units of 1 kg (corresponding to 4 skeins of kg 0.250).

Wire Ø	mm	0,5	0,75	1	1,5	2
3361GM	Per Kg	108,00	87,50	78,50	77,50	76,70

ONLY FOR PROFESSIONAL USE.**3361GP** SCU

Solder wire with internal deoxidizer DIN EN 29453 (DIN 8516).
Soldering with lead alloy 70% .
For quick soldering of tubes, lead sheets, lead-covered electrical and telephone cables.
Easy to melt, slide and lay down. Melting temperature: 183 °C - 255 °C.
Wire diameter 5mm. In skeins of 1kg.

3361GP	Per Kg	43,70
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ONLY FOR PROFESSIONAL USE.**3361GT** SCU
new

99.3% pure tin solder wire with internal deoxidizer PAT-DE 19816671C2. For welding, without lead, of materials in electrical, electrotechnical, electromechanical and electronic applications.
Melting point 217 °C - 227 °C.

In package units of 1 kg (corresponding to 4 skeins of kg 0.250).

Wire Ø	mm	0,50	0,75	1	1,5	2
3361GT	Each	129,00	109,00	99,60	98,80	98,00

ONLY FOR PROFESSIONAL USE.**3362G** SCU

Tin alloy. In bars, soldering DIN EN 29453 (DIN 8516), length 400mm.

Tin alloy % **40 60 90**

Fusion temperature °C 183-235 183-190 200-280

3362G	Per Kg	43,90	62,20	72,60
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ONLY FOR PROFESSIONAL USE.**SOFT SOLDER FLUXES****3363G** SCU**Prod. SCU**

Liquid solder DIN EN 29454.1 apt for soldering different types of materials, steel, zinc, copper, brass, tin, etc. Water soluble. To be applied with the supplied brush. In plastic boxes.

Weight	grams	100	250	500	1000
3363G	Each	5,68	7,44	10,80	15,50

ONLY FOR PROFESSIONAL USE.



SOLDERING FLUID

Prod. SCU

Soldering fluid paste without deoxidizer DIN EN 29453. Alloy 40% of tin. Melting temperature: 183 °C - 235 °C. In plastic boxes.

Weight	grams	100	250	1000
3364G	Each	10,60	18,00	55,60

ONLY FOR PROFESSIONAL USE.

SCU



3364G



Soldering fluid paste DIN EN 29453 with pure tin 99,9%. Melting temperature: 232 °C. In plastic boxes of 1000g.

3364GL	Each	110,00
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ONLY FOR PROFESSIONAL USE.

SCU



3364GL



DEOXIDIZER

Prod. SCU

For tin soldering. Special salammoniac stone to deoxidize copper solders. In pressed stones.

Weight	grams	80	160	500
3368G	Each	1,54	2,66	7,24

ONLY FOR PROFESSIONAL USE.

SCU



3368G



Special soldering paste for copper pipes. Contains no zinc chloride, according to ASTM B813 standards. It is necessary to clean the pipes to be welded and apply the paste with a brush; the residues can be removed with water. Contains no lead or toxic substances.

In plastic containers of 113 grams.

3369G	Each	8,48
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ONLY FOR PROFESSIONAL USE.

SCU



3369G
new



TIN-LEAD WELDING GREASE

Prod. SCU

For tin soldering without acids or deoxidizer. Always ready for use. Time and air contact do not alter it.

Weight	grams	70	100	250	500
Package		can	box	box	can
3371G	Each	4,90	3,14	5,68	11,40

ONLY FOR PROFESSIONAL USE.

SCU



3371G



SOLDERING BARS FOR POLYPROPYLENE AND PVC

Prod. SCU

In 1kg bundles of ca. 1m bars. Can be used with welder Art. 3250 GA - B - D - E - 3251 - 3251 E - 3251 S - 3252. PVC section Ø 3mm, grey.

3378A	Per Kg	26,70
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SCU



3378A



3378C

SCU



Product description as Art. 3378A
Polypropylene with flat section 3x5mm, beige.

3378C	Per Kg	39,50
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3378E

SCU



Product description as Art. 3378A
PVC with flat section 3x5mm, grey.

3378E	Per Kg	26,70
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SOLDERING BARS

3379GB

SCU

**Prod. SCU**

Soldering bars in brass alloy have suitable internal deoxidizer.
For steel, brass, copper and its alloys, nickel. Operating temperature: 900 °C.
Length: 500mm.

Square bars	mm	2,5	4
3379GB	Per Kg	48,90	42,80

Size mm 4 running out of stock.

3379GF

SCU



Soldering bars in brass alloy have suitable external deoxidizer.
For steel, brass, copper and its alloys, nickel. Operating temperature: 900 °C.
Length: 500mm.

Round bars Ø	mm	2,5	4
3379GF	Per Kg	52,90	52,90

3379GP

SCU



Soldering bars in nickel have suitable external deoxidizer.
For steel, cast iron, nickel and its alloys. Operating temperature: 900 °C.
Length 500mm.

Round bars Ø	mm	2,5	4
3379GP	Per Kg	64,60	67,90

WELDING POWDERS

3380GB

SCU

**Prod. SCU**

Powder DIN EN 1045. For soldering copper, brass, bronze and steel. Indicated for mounting plates of Widia and other hard metal. Operating temperature range: 750 °C - 1100 °C. In plastic boxes of 500g.

3380GB	Each	22,10
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ONLY FOR PROFESSIONAL USE.

PROTECTIVE SHIELDS

3381

SCU

**Prod. SCU**

Apt for welders. With green adiactinic lens 75X98mm.
Inclined model.
To be handled, in fibre, light and handy.
Complies with current European regulations.
Dimensions: 390x240mm.

3381	Each	13,36
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Product description as Art. 3381

Inclined model.

To be handled, in thermoplastic material reinforced by very sturdy and rigid glass fibre.
In compliance with the European regulations currently in force.

Dimensions: 400x245mm.

3381F Each **30,76**

SCU



3381F



Product description as Art. 3381

Straight model.

To be handled, in sturdy and rigid thermoplastic material.
Complies with current European regulations.

Dimensions: 400x240mm.

3381L Each **7,46**

SCU



3381L



Product description as Art. 3381

Straight model.

To be handled, in fibre, light and handy.
Complies with current European regulations.

Dimensions: 380x250mm.

3382 Each **10,58**

SCU



3382



PROTECTIVE HELMETS

Prod. SCU

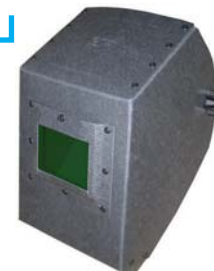
High insulation, apt for welders. With green adiactinic lens 75X98mm.

Helmet model, in fibre, light and handy. Complies with current European regulations.

Dimensions: 320x200mm.

3383 Each **23,06**

SCU



3383



Product description as Art. 3383

Helmet model, in thermoplastic material reinforced by glass fibre.

Complies with current European regulations.

Dimensions: 330x230mm.

3383V Each **24,16**

SCU



3383V



Product description as Art. 3383

Helmet model. In thermoplastic material reinforced by glass fibre.

With tiltable adiactinic lense and fixed transparent lense.

Complies with current European regulations.

Dimensions: 330x230mm (with 2 lens).

3383Z Each **46,68**

SCU



3383Z





ADIACTINIC LENSES

3385A SCU



Prod. SCU

Apt for shields and helmets from Art. 3381 to Art. 3383 Z. Dimensions: 75x98mm.
Complies with current European standards.

Adiactinic type.

Shade: DIN 10 light green.

3385A Each 0,86

3385C SCU



Product description as Art. 3385A

Adiactinic type.

Shade: DIN 11 medium green.

3385C Each 0,86

3385D SCU



Product description as Art. 3385A

Adiactinic type.

Shade: DIN 12 dark green.

3385D Each 0,86

3385E SCU



Product description as Art. 3385A

Adiactinic type.

Shade: DIN 13 very dark green.

3385E Each 0,86

3385L SCU



Product description as Art. 3385A

Adiactinic mirror type.

Shade: DIN 10 light green.

3385L Each 2,48

3385P SCU



Product description as Art. 3385A

Adiactinic mirror type.

Shade: DIN 11 medium green.

3385P Each 2,48

3385R SCU



Product description as Art. 3385A

Adiactinic mirror type.

Shade: DIN 12 dark green.

3385R Each 2,48

3385S SCU



Product description as Art. 3385A

Adiactinic mirror type.

Shade: DIN 13 very dark green.

3385S Each 2,48

3385T SCU



Product description as Art. 3385A

Transparent type. Package contains 100 pcs.

3385T Each 0,22

PROTECTIVE MASKS WITH INTERCHANGEABLE BATTERIES

3386GR ewo
3386GT

Orig. Ewo - Art. E 26710

Professional high technology model, latest generation with 2 INTERCHANGEABLE lithium BATTERIES 3 V (CR 2032 art. 3600 T), supplied. Fitted with solar cells that do not require maintenance.

LCD screen with special filters to protect from UV and IR, in synthetic fibre reinforced special and adjustable headband, particularly sturdy, protective, comfortable with sweat band. Test button function, adjustable sensitivity and reaction to the delay light.

Temperature range from -5° C to +55° c. 100 x 50 mm field of view.

Dimensions: height 230 mm, width 230 mm, 340 mm depth.

In conformity with the European norms.

Auto-dimming model regulating potentiometer accurately and continuously the degree of darkening from DIN 9-13 + DIN fixed 4 (minimum dimming). Suitable for all models of electrode welding, MIG/MAG/TIG, etc.

Weight 485 g.

Natural black.

3386GR Each 173,00



Orig. Ewo - Art. E 26720

Product description as Art. 3386GR

Metallic blue.

3386GT Each 189,00



SPARE PARTS FOR PROTECTION VISORS

Prod. SCU

With framed shield in carborock.
Plastic, adjustable, supporting helmet.
Dimensions: 330x220x180mm approx.
Complies with current European standards.

3387 Each **42,70**

Spare shields for Art. 3387.

O3387 Each **23,10**

SCU



3387



With framed shield in acetylcellulose, anti-scratch, anti-fog, high protection. Plastic adjustable supporting helmet. Dimensions: 330x220x180mm approx. Complies with current European regulations.

3387A Each **66,70**

Spare shields for Art. 3387 A.

O3387A Each **48,50**

SCU



3387A



SPARE PARTS FOR PROTECTION GOGGLES

Prod. SCU

One-lens type, completely in polycarbonate, anti-scratch, light and comfortable.
Wide field of view and very good protection against UV rays. Soft non-slip rubber nose pads.
Legs with holes for neck cord.
In conformity with the European norms.
Transparent lens and frame.

3387A 3 Each **7,64**

SCU



3387A 3



One-lens type, completely in polycarbonate, anti-scratch, light and comfortable.
Wide field of view and very good protection against UV rays. Soft non-slip rubber nose pads.
Legs with holes for neck cord.
In conformity with the European norms.
Dark grey lens and frame.

3387A 5 Each **8,78**

SCU



3387A 5



Light, comfortable wide protection and innovative design. Adjustable front inclination. Non-scratch polycarbonate lens, temples adjustable in length with holes for neck cord.
In conformity with the European norms.

With transparent lens.

3387B Each **8,78**

SCU



3387B



One-lens type, sturdy and ergonomic with wide cover, protection and visibility. Comfortable silicone nose bridge, adjustable front inclination. Non-scratch polycarbonate lens, temples adjustable in length.
In conformity with the European norms.

With transparent lens.

3387C Each **8,66**

SCU



3387C





3387E

SCU



One-lens type, light, wide cover and side protection. Adjustable front inclination. Polycarbonate lens, anti-scratch. Adjustable-length legs. In conformity with the European norms. Transparent lens.

3387E Each 5,32

3387EL

SCU



Product description as Art. 3387E
With DIN 5 green lens.

3387EL Each 8,66

3387EP

SCU



Single lens model, lightweight, with wide coverage, lateral protection and the possibility to put them over prescription glasses. Scratch resistant polycarbonate lens, very flexible beams covered with soft rubber material for comfort, adjustable in length. Compliant with European standards.

With green lens DIN 5. UV 400 protection.

3387EP Each 24,40

3387F

SCU



One-lens type, very comfortable, spherical lens, wide cover and side protections. Adjustable front inclination. Polycarbonate lens, anti-scratch, adjustable-length legs with extremities in non-slip rubber.

In conformity with the European norms.
Transparent lens.

3387F Each 8,50

3387GA

SCU



One-lens type, nylon frame, light. Spherical lens, wide cover and side protection. Close adhesion to the face thanks to soft sponge. Polycarbonate lens, anti-scratch, adjustable-length lens with elastic neck cord.

In conformity with the European norms.
Transparent lens. Approved in compliance with EN 166 (Par. 3 drops and sprays, Par. 4 powders).

3387GA Each 22,20

3387GE

SCU



Professional model combined with interchangeability between rods, adjustable in length/angle and elastic band. You get the comfort and lightness of a pair of glasses and the maximum protection of a single lens mask, nylon frame, spherical lens with wide field of vision without distortion, wide coverage, body side mouldings and total adherence to the face with soft rubber of great depth. Sophisticated indirect ventilation system. Scratch resistant polycarbonate lens. In conformity with the European norms.

With colourless lenses. Approved in accordance with EN 166 (3 point drops and splashes, dust 4 point).

3387GE Each 29,70

3387GL

SCU



One-piece type, particularly indicated for protection in general and to be worn over one's spectacles. Complies with current European regulations.

Transparent and made of carboflex.

3387GL Each 3,60

10



Model with transparent panoramic lens, PVC frame and direct ventilation holes.
Complies with current European regulations.

3387N Each **8,94**



With transparent panoramic lens, PVC frame and ventilation holes.
Complies with current European regulations.

3387P Each **12,70**

Spare lenses for Art. 3387 P.

O3387P Each **6,82**



model a mask with colourless, overview lens in polycarbonate with anti-fog treatment. Soft PVC transparent frame and loopholes around the entire perimeter of the mask for maximum indirect ventilation.

In compliance with the current European standards.

3387PE Each **4,66**



Model with transparent panoramic lens, comfortable, non-scratch, anti-misting treatment and very good protection against UV rays. Frame made from soft rubber, for use over own vision glasses. Indirect ventilation system and adjustable wide elastic band.

Approved in compliance with EN 166 1B 349 (protection against sprays of liquids (chemicals), big dust particles, molten and solid metals).

3387R Each **15,10**



Frame in light and indeformable plastic, lenses Ø 50mm. In conformity with the European norms.

With transparent lenses made of carborock.

3388A Each **6,02**

SPARE LENSES Ø 50mm
Carborock transparent lenses.

O3388A Per **2,48**



Product description as Art. 3188A
With transparent lenses made of hardened glass.

3388B Each **7,40**

SPARE LENSES Ø 50mm
Hardened glass transparent lenses.

O3388B Per **7,14**



Product description as Art. 3188A
With green DIN 5 lenses made of glass.

3388L Each **8,68**

SPARE LENSES Ø 50mm
Green glass lenses DIN 5.

O3388L Per **5,86**



**3388M****SCU**

With frame made of comfortable, soft light rubber that adapts to the shape of the face and indirect air inlets. With transparent and DIN 5 green lenses made of glass, CAPSIZABLE, Ø 50 mm. Complies with European standards.

3388M Each **11,70**

SPARE LENSES Ø 50MM

Transparent glass lenses.

O3388M 1 Per **3,38**

Product description as Art. O3388M 1

Green glass lenses DIN 5.

O3388M 2 Per **1,56**

3388N**SCU**

With aluminium frame, soft plastic borders, lenses Ø 50mm. In conformity with the European norms.

With transparent lenses made of carborock.

3388N Each **10,70**

Spare lenses see Art. O3388 A-B-L.

3388P**SCU**

Product description as Art. 3388N

With transparent lenses made of hardened glass.

3388P Each **14,80**

Spare lenses see Art. O3388 A-B-L.

3388S**SCU**

Product description as Art. 3388N

With green DIN 5 lenses made of glass.

3388S Each **13,10**

Spare lenses see Art. O3388 A-B-L.

3395**SCU**

Swinging legs in special light plastic material, with lateral protections. Lenses Ø 50mm. Complies with current European standards.

With transparent lenses made of carborock.

3395 Each **11,20**

Spare lenses see Art. O3388 A-B-L.

3395 2**SCU**

Product description as Art. 3395

With green DIN 5 lenses made of glass.

3395 2 Each **10,10**

Spare lenses see Art. O3388 A-B-L.

3396**SCU**

Transparent lenses in carborock and tiltable green DIN 5 lenses, Ø 50mm.

Complies with current European standards.

3396 Each **24,30**

Spare lenses see Art. O3388 A-B-L.



With standard legs and shaped lenses. Light, with lateral polyamide protection. Complies with current European regulations.

With transparent lenses made of carborock.

3396A Each **7,58**

SPARE SHAPED LENSES

Carborock transparent lenses.

O3396A Per **2,98**



Product description as Art. 3396A

With green DIN 5 lenses made of glass.

3396B Each **14,40**

SPARE SHAPED LENSES

Green glass lenses DIN 5.

O3396B Per **10,60**



Extra type with shaped lenses, sturdy and ergonomic with special cover, protection and comfort. Side ventilation slots. Adjustable front inclination. Non-scratch polycarbonate lenses, temples adjustable in length. In conformity with the European norms.

With transparent lenses.

3397H Each **11,50**



Extra type with shaped lenses, sturdy and ergonomic with special cover, protection and comfort. Adjustable front inclination. Non-scratch polycarbonate lenses, temples adjustable in length. In conformity with the European norms.

With green DIN 5 lenses.

3397L Each **30,10**



Extra type with shaped legs and lenses. Light and comfortable frame with middle screw to make lenses replacement easy and safe. Lateral nylon protection. In conformity with the European norms.

With transparent polycarbonate lenses.

3397M Each **6,34**

SPARE SHAPED LENSES

Polycarbonate transparent lenses for Art. 3397 M.

O3397M Per **3,52**



With shaped legs and lenses. Light and comfortable frame with middle screw to make lenses replacement easy and safe. Lateral nylon protection. In conformity with the European norms.

With transparent hardened glass lenses.

3397Q Each **13,10**

SPARE SHAPED LENSES

Hardened glass transparent lenses for Art. 3397 Q.

O3397Q Per **8,42**



Product description as Art. 3397Q

With green DIN 5 polycarbonate lenses.

3397R Each **9,68**

SPARE SHAPED LENSES

Green DIN 5 lenses, in polycarbonate for Art. 3397 R.

O3397R Per **5,54**





3397VA SCU



Type to enhance the laser beam or laser spot light intensity (Category up to 3 A). They do not protect the eyes from direct laser beam.
Red lenses.

3397VA Each **17,30**

BATTERY LED MINI-LAMPS

3397ZA SCU CE



Prod. SCU
360° directional light model, with No. 2 hooking clips. Particularly suitable for use with leg glasses. In ABS, light and shock-resistant. Provided with switch. Double luminous flux with No. 2 ultra-bright LEDs. Length: 50mm. Provided with No. 3 long-lasting button batteries (Art. 3600 A).

3397ZA Each **13,40**

GLOVES

3397ZT SCU CE



Prod. SCU
5-finger type, in cotton seamless thread, 3-threads, with wristband, 15gr. approx. Size 9. Complies with current European standards.

Overall length mm 250
3397ZT Per pair **0,82**

3397ZV SCU CE



5 finger model, made of cotton, continuous yarn, with elastic cuff. PVC dotted palm for a more secure grip. Size 9. Compliant with European standards.

Overall length mm 250
3397ZV Per pair **2,26**

3398 GEDORE CE



Orig. Gedore
Classic 5-finger working glove, for universal use. Max. versatility, no sensitivity reduction and full finger mobility. Performance level 5 according to EN 420/03 classification (assessment from 0 to 5). Skin-friendly. In sturdy synthetic transpiring material, reinforced inserts on palm and fingers in siml leather. Wrist elastic band.

Size	No.	8	9	10	11	12
Fit	No.	S	M	L	XL	XXL
Overall length	mm	210	215	220	225	230
Supplier code		920 8	920 9	920 10	920 11	920 12
3398	Per pair	30,70	30,70	30,70	30,70	30,70

3398 3 SCU CE



Prod. SCU
With 5 fingers, in coarse para rubber, breathable back, cuff in woven cotton. Cut and abrasion resistant. CAT. 2. Size 10. Complies with current European regulations.

Overall length mm 260
3398 3 Per pair **4,20**

10



With 5 fingers, palm with nail-protection and knuckle-protection in crust leather, cloth short sleeve.
CAT. 1. Size 10. Complies with current European standards.

Overall length	mm	260
3398A	Per pair	4,96



Padded model, 5 fingers, for winter use and use in fridges and cold areas. In seamless polyester, inside in bouclette covered in black natural latex, wrinkled.
CAT. 1. Size 10. Complies with current European standards.

Overall length	mm	260
3398B	Per pair	10,20



With 5 fingers, completely in crust leather, with reinforced palm and short sleeve.
CAT. 2. Size: 10. Complies with current European standards.

Overall length	mm	270
3398C	Per pair	6,20



Thin type. Finely worked.
With 5 fingers, completely made of high-quality crust leather, with reinforced palm and short sleeve.

Overall length	mm	270
3398E	Per pair	8,26

Product running out of stock.



With 5 fingers, completely made of crust leather, with 150mm long sleeve.
CAT. 2. Size: 10.
Complies with current European standards.

Overall length	mm	350
3398M	Per pair	7,12



Thin type. Finely worked.
With 5 fingers, completely made of high-quality crust leather, palm with inside reinforcement and 150mm long sleeve with closing strap.
CAT. 2. Size: 10.
Complies with current European regulations.

Overall length	mm	350
3398P	Per pair	10,30

Product running out of stock.



**3398R****SCU**

With 5 fingers, with palm, nail protection and knuckle protection in pieces of leather, short sleeve and back of the glove in cloth.

CAT. 1. Size: 10.

Complies with current European standards.

Overall length mm 260

3398R Per pair **3,82**

3398R 3**SCU**

Thin type with 5 fingers; palm, nail protection and knuckle protection in grain leather, short sleeve and back of the glove in cloth.

CAT. 2. Size: 10.

Overall length mm 260

3398R 3 Per pair **8,06**

3398R 5**SCU**

Thin type with 5 fingers. Finely worked.

With 5 fingers, made of grain leather with back in fleece cotton. Wrist elastic knit fabric with velcro closure.

CAT. 2. Size 10.

Complies with current European standards.

Overall length mm 260

3398R 5 Per pair **7,96**

3398R 7
*new***SCU**

Light type with 5 fingers, made of grain leather. Back of split leather. Wrist elastic band and borders.

CAT. 1. Size: 10.

Overall length mm 240

3398R 7 Per pair **4,70**

3398R 8**SCU**

Light type with 5 fingers, completely made of grain leather. Wrist elastic band and borders.

CAT. 1. Size: 10.

Complies with current European standards.

Overall length mm 240

3398R 8 Per pair **8,26**

3398S 2**SCU**

Type with 5 fingers, in sheepskin grain leather, back in woven cotton, wrist elastic knit fabric.

CAT. 2. Size 9.

Complies with current European standards.

Overall length mm 240

3398S 2 Per pair **4,84**



With 5 fingers, light, tight and comfortable.
 In polyamide with polyurethane protective coating. Elastic cuff.
 Indicated in fine mechanics, electronics and all operations requiring high hand skill.
 Size: 9.
 Complies with current European regulations.

Overall length	mm	230
3398S 3	Per pair	1,40



With 5 fingers, with elastic cuff, resistant, comfortable, allows a precise and efficacious grip.
 In cotton coated by a thin nitrile layer.
 Indicated for mechanics, handling and activities with risk of abrasion.
 Size: 10.
 Complies with current European regulations.

Overall length	mm	270
3398S 5	Per pair	2,02



5 fingers-model, highly resistant which allows a safe grip and effective.
 Coated cotton medium thick layer of NBR blue, ventilated back.
 Suitable for heavy mechanical handling and working with high risk of abrasion.
 Size 10.
 Compliant with European standards.

Overall length	mm	250
3398T 3	Per pair	3,24

Product description as Art. 3398T 3

Overall length	mm	250
3398T 5	Per pair	2,96



In special synthetic Aramid fibre. Excellent resistance to cuts and discontinuous heat.
 Indicated for handing materials with sharp and cutting edges in metalworking, glasswork, packaging, etc.
 Size: 10.
 Complies with current European regulations.

Overall length	mm	260
3398V	Per pair	16,20



With 5 fingers, ambidextrous, tight, disposable. In very elastic natural latex for maximum freedom of hand movement; with edging. For universal use, resistant to alcohol, alkaline substances, etc.
 Size "L".
 Complies with current European standards.
 Package units of 100pcs. not sold separately.

3399A	Pack	9,54
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With 5 fingers, ambidextrous, professional, high-resistance against perforation.
 Completely made of nitrile, antiallergic, with edging. Multipurpose, resistant to alcohol, alkaline substances, etc.
 Package units of 100pcs. not sold separately. Complies with current European standards.
 Size "M".

3399A 3	Pack	11,90
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3399A 5

SCU



With 5 fingers, ambidextrous, professional, high-resistance against perforation. Completely made of nitrile, antiallergic, with edging. Multipurpose, resistant to alcohol, alkaline substances, etc.
Package units of 100pcs. not sold separately. Complies with current European standards. Size "L".

3399A 5	Pack	11,90
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3399A 7

SCU



With 5 fingers, ambidextrous, professional, high-resistance against perforation. Completely made of nitrile, antiallergic, with edging. Multipurpose, resistant to alcohol, alkaline substances, etc.
Package units of 100pcs. not sold separately. Complies with current European standards. Size "XL".

3399A 7	Pack	11,90
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3399B

SCU



With 5 fingers, in natural latex, flocculated inside. For professional use, high-resistant to a wide range of chemicals. Total length: 300mm approx. Complies with current European regulations. One size fits all (8 1/2 - 9).

3399B	Per pair	5,44
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3399C

SCU



Product description as Art. 3399B
One size fits all (9 1/2 - 10).

3399C	Per pair	5,44
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3399D

SCU



With 5 fingers, in nitrile, flocculated inside. For professional use, high-resistant to a wide range of chemicals and to tears and abrasions. Overall length 300mm approx. Complies with current European regulations.

Size 10.

3399D	Per pair	3,22
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3399E

SCU



With 5 fingers, made from waterproof PVC, internal flocculation. Model resistant to light chemicals, greases, oils, petroleum products etc.

Size 10. Complies with current European regulations.

Overall length mm 350

3399E	Per pair	5,26
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3399F

SCU



With 5 fingers, in neoprene, elastic even at low temperature. For industrial use, high-resistance to a wide range of chemicals, light acids, oils, petroleum, gasoline, etc. Good resistance to cuts, perforations, tears, abrasions and thermal variations. Size: 10. Complies with current European regulations.

Overall length mm 310

3399F	Per pair	3,66
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With 5 fingers, in high-quality neoprene, long lasting.
 Best protection against a wide range of chemicals and highly resistant to all mechanical risks.
 Suitable also for handling hot liquids in discontinuous activities.
 CAT.3. Size 10.
 Complies with current European regulations.

Overall length	mm	300
3399G	Per pair	8,62



With heat protection. With 5 fingers, made from extra-strong Aramidic fibre cloth, with lining.
 Very high insulating capacity makes it suitable to be used for operations requiring maximum safety. Protection levels higher than those of asbestos.
 One size (10).
 Complies with current European regulations EN 2443 and EN 40743XX4X - EN420.
 Withstands temperatures of up to 350°.

Overall length	mm	280
3399P	Per pair	43,20



Product description as Art. 3399P
 With long sleeve.

Overall length	mm	380
3399R	Per pair	54,10



Product description as Art. 3399P
 With extra-long cuff.

Overall length	mm	480
3399S	Per pair	61,20

For VDE insulated gloves see Art. 357 GE-F.



APRONS

Prod. SCU
 In crust leather. Complies with European EN 470, CAT. II standards.

Dimensions: 600x900mm approx.

3401A	Each	16,50
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In PVC, protected against abrasions, acids, solvents, etc.
 Dimensions: 800x1100mm approx.

3401E	Each	20,70
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3401P

SCU



With heat protection.

In extra-strong Aramidic fibre cloth, with lining, CE-compliant. Very high insulating capacity makes it suitable to be used for operations requiring maximum safety. Protection levels higher than those of asbestos.

Complies with current European regulations EN 340:2003 and EN 388:2003.

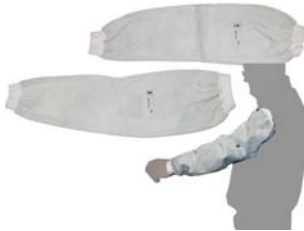
Dimensions: 600x1000mm approx.

3401P Each 98,30

OVERSLEEVES

3402

SCU



Prod. SCU

In crust leather, provided with elastic bands on both sides.

Complies with current European standards EN 470, CAT. I.

Length: 400mm approx.

3402 Per pair 19,40

GAITERS

3403A

SCU



Prod. SCU

In hide crust with velcro lateral fasteners. Conform to EN 470, CAT. II.

Height: 300mm approx.

3403A Per pair 11,70

3403E

SCU



With protection against heat.

In highly resistant aramid fibre cloth, lining according to EU standards. Very high insulating capacity makes it advisable for activities which require maximum safety. Protection properties higher than amiantus. Conform to European specifications EN 420, CAT. I.

Height: 300mm approx.

3403E Per pair 91,10

FIRE-PROOF COVERS

3403E 1

SCU



Prod. SCU

Suitable for use in various sectors, they are used to stop fire principles and protect themselves from heat sources.

Conform to European specifications DIN EN 1869:1997, in high quality fiberglass textile. Coating on both sides. Heat resistance up to 550 ° C.

Dimensions: 1200x1200mm

3403E 1 Each 26,30

For smoke detectors see Art. 4475A.

PROTECTIONS FOR KNEE

3403E 2

SCU



Prod. SCU

model soft stretchy enough for universal use. Polyurethane foam, yellow for high visibility. New and effective system of detention to straps.

Certified according to DIN EN 14404.

3403E 2 Per pair 22,60



Multi-purpose standard model to be used in workshops, gardening, etc. In cellular polyurethane. With adjustable fastening strap. Conform to DIN EN 14404.

3403E 3 Per pair **22,90**



To be used in building applications (floor layers), workshops, carpentry and heavy duty industry, etc. In plastic, sturdy material, with 4-bends accordion to grant optimum knee flexibility. With 2 fastening straps. Conform to European specifications DIN EN 14404.

3403E 9 Per pair **45,60**



To be used in building applications (floor layers), workshops and carpentry. In sturdy polyethylene with a particular joint which allows optimal knee movement. The wide profile grants an excellent protection of the knee articulation, even in extreme situations. With 2 fastening straps. According to the DIN EN 14404 standard.

3403E 11 Per pair **37,40**



Case-shaped, for universal use. Comfortable and tight. In sturdy, very thick rubber. Provided with No.2 fastening straps. Certified in compliance with DIN EN 14404 standards.

3403E 14 Per pair **20,40**



Case-shaped to be used in building applications (floor layers), road yards, light and heavy duty industry. In very sturdy, elastic rubber, very thick for maximum knee protection against heat and humidity. With 2 fastening straps. Conform to European specifications DIN EN 14404.

3403E 17 Per pair **51,40**



To be used in building applications (floor layers), road yards, light and heavy duty industry. In very sturdy, elastic rubber, with 4-bends accordion that grants maximum knee flexibility. With 2 fastening straps. Conform to European specifications DIN EN 14404.

3403E 19 Per pair **51,40**





3403E 21 SCU
new



Universal type for maximum protection and knee comfort. With flexible honeycomb air cushion support; resistant; high shock absorption and very high mobility. Extra insert in soft silicone gel; high quality, ergonomic, resistant to moisture, low weight, washable, non-slip to be used on any surface; high resistance to drilling. With 2 large fastening straps. Conform to European specifications DIN EN 14404.

3403E 21 Per pair **56,20**

For knee-safe mats see Art. 2227 B 3 to 2227 B 3L.

WATERPROOF BOOTS

3403EL SCU
new



Prod. SCU

Working footwear appropriate for all situations where you need total protection and waterproofing of the feet.

In PVC and nylon inner lining. Tank outsole, black, antistatic, anti-slip, resistant to oils and fuels. Complies with current European CE EN 20347 standards. Height mid-calf.

N°	39	40	41	42	43	44	45
3403EL Per pair	11,30	11,30	11,30	11,30	11,30	11,30	11,30

3403EM SCU
new



Product description as Art. 3403EL

Complies with current European CE EN 347 standards. Knee height.

N°	39	40	41	42	43	44	45
3403EM Per pair	13,70	13,70	13,70	13,70	13,70	13,70	13,70

3403ES SCU



Working footwear appropriate for all situations where you need total protection and waterproofing of the feet.

In special PVC, with steel toe cap and steel midsole, nylon inner lining, tank black outsole, antistatic, anti-slip, resistant to oils.

In compliance with the current European standard CE EN ISO 20345.

S Safety category 5.

N°	39	40	41	42	43	44	45
3403ES Per pair	31,30	31,30	31,30	31,30	31,30	31,30	31,30

For VDE insulated boots see Art. 357 GP.

10



PROTECTIVE SHOES

Prod. SCU

Safety work footwear apt for any use. With steel toe with resistance until J200 (except Art. 3403 MA and MR), high-density polyurethan sole, high resistance to perforation (except Art. 3403 MA and MR), big flexibility, anti-static, resistant to hydrocarbons, non-slip. Anatomic, detachable, anti-mycotic, anatomic and anti-bacterial insole.

In compliance with the European regulation EN 345 in force.

Low type, light, in oil-tanned leather with ventilation holes. S1P safety category.

SCU

3403F



CE

N°		39	40	41	42	43	44	45
3403F	Per pair	53,70	53,70	53,70	53,70	53,70	53,70	53,70

When stocks last, they become GRAY color.

Product description as Art. 3403F

Low type, in black leather. S1P safety category.

SCU

3403L



CE

N°		39	40	41	42	43	44	45
3403L	Per pair	43,50	43,50	43,50	43,50	43,50	43,50	43,50

Product description as Art. 3403F

High type, in black pigmented leather crust. S1P safety category.

SCU

3403M



CE

N°		39	40	41	42	44	45
3403M	Per pair	45,10	45,10	45,10	45,10	45,10	45,10

Product description as Art. 3403F

Low type, light, in oil-tanned leather, with ventilation holes. Particularly comfortable and elegant.

High abrasion resistant sole. Lining: with transpiring inner padding.

Safety class: S1P.

SCU

3403MA



CE

N°		39	40	41	42	43	44	45
3403MA	Per pair	63,20	63,20	63,20	63,20	63,20	63,20	63,20



3403MC **SCU**



Product description as Art. 3403F

Low type, laceless, practical, light, in oil-tanned leather and inserts in @, comfortable, large toed, elegant. Lining: with transpiring inner padding.
Safety class: S1P.

N°	39	40
3403MC Per pair	67,10	67,10

Product running out of stock.

3403ME **SCU**



Product description as Art. 3403F

Low type, practical, in oil-tanned leather and inserts in cordura, comfortable, large toed, elegant. Lining: with transpiring inner padding.
Safety class: S1P.

N°	39	40	41	42	43	44	45
3403ME Per pair	68,90	68,90	68,90	68,90	68,90	68,90	68,90

3403MG **SCU**



Product description as Art. 3403F

High type, practical, protective, in oil-tanned leather and inserts in cordura, comfortable, large toed, elegant. Lining: with transpiring inner padding.
Safety class: S1P.

N°	39	40	41	42	43	44	45
3403MG Per pair	72,30	72,30	72,30	72,30	72,30	72,30	72,30

3403MR **SCU**



Product description as Art. 3403F

High type, for welders. With additional metatarsal protection, sole in nitrile rubber, heat resistant up to 300°C. Made of leather, big padding in the malleolus area, easily removable.
Safety category S3 (except no 39 safety category S1P).

N°	39	40	41	42	43	44	45
3403MR Per pair	118,00	118,00	118,00	118,00	118,00	118,00	118,00

10



Product description as Art. 3403F

Low type, in grain leather, soft, comfortable, elegant. High abrasion resistant sole. Lining: with transpiring inner padding.

Safety class: S3

N°		39	40	41	42	43	44	45
3403MT	Per pair	46,20	46,20	46,20	46,20	46,20	46,20	46,20

SCU

3403MT



Product description as Art. 3403F

High type, protective, in grain leather and inserts in cordura, comfortable, elegant. High abrasion resistant sole. Lining: with transpiring inner padding.

Safety class: S3.

N°		39	40	41	42	43	44	45
3403MV	Per pair	46,80	46,80	46,80	46,80	46,80	46,80	46,80

SCU

3403MV



Safety work footwear, for indoor use, ideal for warehouse work. Provided with toe cap made of high resistance composite material (non-metallic), in suede leather with malleolus padding for maximum comfort and honeycomb polyester inner lining. High density polyurethane outsole, great flexibility, antistatic, highly insulating, non-slip, resistant to oils and hydrocarbons. Anatomic, removable, antibacterial and antimycotic insole.

In compliance with DGUV 112-191.

Safety Category S1P.

N°		39	40	41	42	43	44	45
3403MZ	Per pair	115,00	115,00	115,00	115,00	115,00	115,00	115,00

SCU

3403MZ

new



Product description as Art. 3403MZ

Boot type with zip closure for easy fit.

N°		39	40	41	42	43	44	45
3403MZA	Per pair	116,00	116,00	116,00	116,00	116,00	116,00	116,00

SCU

3403MZA

new



POLYETHYLENE FUNNELS

Prod. SCU

In anti-acid, unbreakable material with hole for fitting.

Provided with interchangeable filter.

Standard type.

Ø	mm	100	120	140	210	250	300
Ø entry appr.	mm	13	15	13	21	28	28
3403P	Each	4,00	4,48	2,42	4,60	5,32	9,14

SCU

3403P





3403R

SCU



Product description as Art. 3403P

With flexible extension pipe, length: 400mm. Diameter: 205mm. Inlet Ø approx. 19mm.

3403R Each **9,42**

3403S

SCU



Product description as Art. 3403P

With flexible extension pipe 400mm length and 3-step end for non-leaded gasoline. Diameter: 210mm. Entrance approx. 12 - 20 - 28mm.

3403S Each **8,22**

3403T

SCU



In anti-acid, unbreakable material.

Provided with interchangeable filter.

With lateral bend, flange and handle. Diameter: 190mm.

Total length: 400mm. Entrance approx. mm 26.

3403T Each **14,30**

3404

SCU



Heavy type, includes flexible, removable pipe and fixed spout.

With lid and pipe cap.

Spray-proof edge, filter included. Ø inlet approx. mm 26.

Ø	mm	180	220
3404	Each	9,56	10,30

INOX FUNNELS

3404N

SCU

INOX



Prod. SCU

In heavy duty, 18/10 AISI 304 stainless steel. Without filter.

Ø	mm	200	240	300
Ø entry appr.	mm	20	24	30
3404N	Each	24,50	27,70	35,80

3404P

SCU

INOX



In heavy duty, AISI 304 stainless steel 18/10, with flexible pipe, antifreezing, non-toxic, with grip.

Without filter.

Ø	mm	200	240	300
Ø entry appr.	mm	16	16	18
3404P	Each	42,20	43,90	50,40

Brass for Art. 3404 N-P all sizes.

O3404P Each **5,62**

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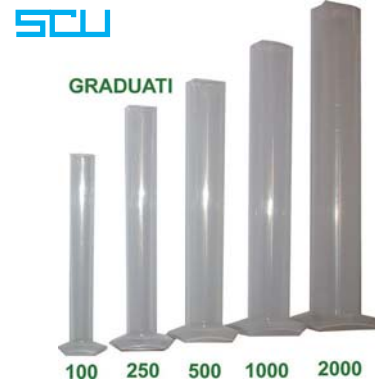


GRADED CYLINDERS TO MEASURE LIQUIDS

Prod. SCU

Shatterproof transparent polypropylene, with wider support base. Graduated with indelible reference marks, ISO tolerance 6706. Suitable for food contact, resistant to various chemicals. Autoclavable. Possibility of radiation sterilization.

Capacity	ml	100	250	500	1000	2000
Scale division	ml	10	20	50	100	200
Ø for length	mm	31x248	42x315	55x361	66x440	84x532
3404R	Each	8,58	11,50	15,10	24,90	48,10



3404R

MAESURING BUCKETS

Prod. SCU

In semi-transparent polyethylene, anti-acid and unbreakable, with scaling. With handle. Not certified for personal use only.

Capacity	l	0,5	1	3	5	
Scale division	l	1/5- 1/4	2/5-1/2	0,1	0,25	0,5
3404T	Each	2,88	3,66	4,84	8,04	



3404T

In semi-transparent polyethylene, anti-acid and unbreakable, with scaling. With handle. Not certified for personal use only.

Capacity	l	1	2	3	5
3405A	Each	7,68	9,86	11,80	15,40

Flexible extensions complete with filter for Art. 3405 Ax1-2-3-5.

O3405A	Each	4,06
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3405A

Heavy type, in polyethylene, anti-acids and unbreakable, with raised scaling. Big stability large base. Wide and handy handle, lid flexible pipe with tap. Not certified, for personal use only.

Capacity	l	1	2	5
3405C	Each	6,90	8,10	13,50



3405C

Orig. Samoa-Hallbauer

In steel, with handle and scaling with seal. Not certified, for personal use only.

Capacity	l	1	2
3405GE	Each	17,80	20,10



3405GE

INOX MEASURING BUCKETS

Prod. SCU

In heavy duty AISI 304 stainless steel 18/10. Provided with spout, grip, reinforced edges and bottom.

Not certified, for personal use only.

Capacity	l	3	5	10
3405M	Each	37,70	43,90	58,30



INOX 3405M



3405P

SCU

INOX



2

5

10

In heavy duty AISI 304 stainless steel 18/10. Funnel-shaped, with grip, reinforced edges and bottom.

Not certified, for personal use only.

Capacity	l	2	5	10
3405P	Each	45,10	66,60	79,50

3405R

SCU

INOX



2

5

In heavy duty AISI 304 stainless steel 18/10, funnel-shaped, with flexible pipe, antifreezing, non-toxic, with grip, reinforced edges and bottom.

Not certified, for personal use only.

Capacity	l	2	5
3405R	Each	48,40	71,70

CANS

3405T

SCU



Prod. SCU

Heavy, sturdy model in unbreakable plastic material. RID/ADR-approved, not certified, for personal use only. Complete with pourer and sealing plug.

Capacity	l	5	10	20
3405T	Each	6,72	9,38	13,70

Product running out of stock.

3405V

new

SCU

CE



Professional model in HIGH DENSITY REINFORCED POLYETHYLENE (HDPE), unbreakable; complying with UN 96/49/EC; suitable for the transport of flammable liquids by land (roads and railways), sea and air.

Complete with non-deformable pourer and sturdy knurled sealing plug with reinforcement ring to prevent any leakage of the liquid. Large reinforced carrying handle.

Capacity	l	5	10	20
Dimensions	cm	23x12x24	26x16x29	35x20x40
Weight	Kg	0,49	0,68	1,2
3405V	Each	7,06	9,48	13,70

3405Z

new

SCU

CE



Highest quality professional model made of reinforced METAL; complying with UN 96/49 / EC; suitable for the transport of flammable liquids by land (roads and railways), sea and air.

Hermetic closure with metallic safety pin. Full, external / internal, RAL 6003 powder coating (green). Sturdy handle, proportionate to the weight that can be transported.

Without pourer.

Capacity	l	5	10	20
Dimensions	cm	31,5x12,7x24,8	40x14x29,6	46,8x16,6x36,8
Weight	Kg	1,8	2,6	3,8
3405Z	Each	30,50	34,60	39,10



Optional pourer, for metal cans Art. 3405 Z 5-10-20. Rigid metal body, RAL 6003 (green) powder coated. Provided with flexible rubber ending. Complete with gasket for a watertight seal.



3405ZA
new

3405ZA Each **14,10**

DROP OILERS

Prod. SCU

Brass body nickel-plated, plexiglas tank, threaded stud.

Size		42	54	62	80	80A	105
Body Ø	mm	42	54	62	80	80A	105
Pivot thread	G	1/4	1/4	3/8	3/8	3/8	3/8
Capacity	cm3	35	75	150	250	450	750
3406A	Each	55,60	68,90	78,20	87,50	89,70	104,00

Spare tanks supplied on request.



3406A

OIL PENS

Prod. SCU

Pen-shaped, in synthetic plastic material, transparent tank. Push-button dispenser, clip, brass pipe and drip-catching cap. For the best regulation of small quantities of oil. Capacity: 5g. Length: 140mm.



3407D

3407D Each **11,60**

PLASTIC OILERS

Prod. SCU

With tank, pipe and cap in flexible polyethylene, resistant to oils and light acids.

Capacity	ml	25
3407M	Each	0,70



3407M

Product description as Art. 3407M

Capacity	ml	60
3407P	Each	0,88



3407P

Product description as Art. 3407M

Capacity	ml	80
3407R	Each	0,92



3407R

Tank in flexible polyethylene, transparent, which can't be attacked by oils and light acids. With fixed brass pipe.

Capacity	ml	125	250	500
3408	Each	1,98	2,36	2,68



3408

**3408A** SCU

Product description as Art. 3408

With fixed plastic pipe.

Capacity	ml	125	250	500
3408A	Each	1,52	1,86	2,18

3408C SCU

Product description as Art. 3408

With retractable brass pipe, screw valve.

Capacity	ml	125	250	500
3408C	Each	4,76	5,22	5,58

SPRAYERS**3409** SCU**Prod. SCU**

Tank and pipe in flexible transparent polyethylene. For light acids, water distilled in chemical labs, workshops.

Capacity	ml	250	500	1000
3409	Each	1,86	2,18	3,00

MIST SPRAYERS**3410E** SCU**Prod. SCU**

Professional model.

Spraying pump for light oils, diesel fuel and detergent products (acids excluded). Spout with adjustable nozzle. Polyethylene tank.

Capacity	ml	500
3410E	Each	3,26

3410F SCU

Product description as Art. 3410E

Capacity	ml	1000
3410F	Each	3,72

3410L SCU

Product description as Art. 3410E

With Viton brass ring, for liquids with moderately aggressive acid agents.

Capacity	ml	1000
3410L	Each	5,36

3410P SCU

Industrial model.

Pressure-operated with big capacity mist spraying pump, with Viton ring, for light oils, diesel fuel, detergent (not acid).

Spout with adjustable nozzle and brass jet.

Sturdy, polyethylene tank, with scaling and supporting base.

Capacity	ml	1250
3410P	Each	17,80



Product description as Art. 3410P

Capacity	ml	2200
3410R	Each	21,10

SCU



3410R

Industrial model.

Big-capacity, pressure-operated model, with big capacity, Viton ring and mist spraying pump and tube rod (length: 1.75m)

For light oils, diesel fuel, detergents and chemicals (acids excluded).

Trigger double position for continuous or intermittent spraying.

Spout with adjustable nozzle. Sturdy, polyethylene tank, with scaling, supporting base, safety valve and strap.

Capacity	l	5
3410T	Each	51,40

SCU



3410T

PLASTIC OIL SQUIRT CANS

Prod. SCU

Indeformable plastic tank. Stabilised plastic pump, vertical flexible pipe.

Capacity	ml	150	250
3411	Each	4,94	5,50

SCU



3411

Indeformable plastic tank. Stabilised plastic pump, horizontal screwable pipe.

With hard pipe.

Capacity	ml	200	300	500	700
3415A	Each	5,86	6,06	6,24	6,70

Spare hard pipe (for all capacities), for Art. 3415 A.

O3415A	Each	2,04
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SCU



3415A

Product description as Art. 3415A

With flexible pipe.

Capacity	ml	200	300	500	700
3415B	Each	5,86	6,06	6,24	6,70

Spare flexible pipe (for all capacities), for Art. 3415 B.

O3415B	Each	2,32
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SCU



3415B

METAL OIL SQUIRT CANS

Prod. SCU

With horizontal, screwable pipe. Tank in sturdy, enameled steel, brass pump.

With hard pipe.

Capacity	ml	200	300	500	700
3416A	Each	7,76	8,60	9,00	10,10

Spare hard pipe (for all capacities), for Art. 3416 A.

O3416A	Each	2,70
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SCU



3416A



3416B



Product description as Art. 3416A

With flexible pipe.

Capacity	ml	200	300	500	700
3416B	Each	7,76	8,60	9,00	10,10

Spare flexible pipe (for all capacities), for Art. 3416 B.

O3416B	Each	2,70
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OIL/PETROL SYRINGES

3418GA

**Orig. Samoa-Hallbauer**

Push-type, system with reentering piston. Metal body.

Capacity: 180g.

With flared nozzle.

3418GA	Each	40,60
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3418GB



Product description as Art. 3418GA

With pointed nozzle.

3418GB	Each	39,50
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3419G



In heavy galvanized steel. With hard pipe.

Capacity	ml	250	500	1000
Body Ø	mm	55	55	55
3419G	Each	13,60	17,10	20,20

Spare flexible pipe (for all capacities), for Art. 3419 G.

O3419G	Each	7,92
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3420

**Prod. SCU**

In brass. With hard pipe.

Capacity	ml	250	500
Body Ø	mm	40	50
3420	Each	28,90	36,30

3421C



In sturdy synthetic material. With flexible pipe.

Capacity	ml	500
3421C	Each	17,10

3421G

**Orig. Samoa-Hallbauer**

Simultaneous double effect of filling and drain. Heavy steel type, galvanized. Double speed and 2 flexible pipes. Length of each pipe: 500m.

Capacity	ml	500
Body Ø	mm	55
3421G	Each	50,80

LEVER OIL GUNS

3421GT

**Orig. Samoa-Hallbauer**

For oil. Professional model, steel body manufactured according to DIN 1283 standards and with the approval of "TÜV" - "GS". Capacity: 500ml. Connecting thread M 10x1. Without flexible pipes and nozzles. Operating pressure: 400 bar.

In cardboard box.

3421GT	Each	51,20
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For flexible pipes and nozzles see Art. 3425.

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OIL POURING SYSTEMS

Prod. SCU

Manual type, with tank. Suitable for pouring oils, gearbox oils and differential oils. Lever pump, with rubber hose approx. 2m in length and spout.

Tank capacity	Kg	12	16
3422A	Each	139,00	147,00



3422A

PNEUMATIC OIL PUMPS

Prod. SCU

With compressed air motor, high-performance. Apt for pouring oils, gearbox oils, differential oils, etc. In anti-rust material and anti-wear gaskets. Pressure ratio 1:3 Maximum pressure: 8 bar (Atm). Maximum capacity: l/min 14. Compressed air connection with diameter G 1/4". Fixing ring with thread G 2". Gun with hard pipe and pouring tube with length 3m. Rigid suction tube with filter. Without trolley and barrel.

For drums content	l	60	220
Take-up tube max length	mm	730	940
3422E	Each	653,00	653,00

Trolleys for barrels for Art. 3422 E 60-220.

For drums content	l	60	220
O3422E	Each	348,00	434,00



3422E



OIL EXTRACTOR PUMPS

Prod. SCU

Manual model, with tank. Suitable for exhausted oil extract from vehicle engines, marine engines, machine tools, engines, static etc.

Reciprocating pump with grip, plastic tube about 1 m long and 2 flexible probes, diameter 6 and 8 mm, total length m 1 each

Tank capacity 6,5 litres.

3422H	Each	397,00
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3422H

PUSH-TYPE GUNS WITH GREASE

Orig. Samoa-Hallbauer

Push-type system with reentering piston, provided with No.1 cartridge Art. 3424 C 100 to screw inside the aluminium cap thus forming a solid, compact unit, a greasing system quickly available without dirtying the operator's hands.

Gun with flared nozzle, universal use. Capacity 100g.

3422P	Each	20,60
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3422P



Product description as Art. 3422P

Gun with pointed nozzle. Capacity 100g.

3422R	Each	20,10
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3422R



PUSH-TYPE GREASE GUNS

Prod. SCU

Small dimensions, Push-type system with reentering piston.

Body in synthetic material.

(Capacity 60g is Orig. Hallbauer).

Gun with flared nozzle.

Capacity	grams	60	100	150
3422S	Each	9,10	6,22	6,34



3422S



Product description as Art. 3422S

Gun with pointed nozzle.

Capacity	grams	60	100	150
3422T	Each	8,78	6,30	6,34



3422T



For grease cartridge, only for Art. 3422 S-Tx60 see Art. 3424 C 60.



3423A



Push-type system with reentering piston.
Metal body.
Capacity: 200g. With nozzle Art. 3425 E.

3423A Each **9,86**

3423B



Product description as Art. 3423A
Capacity: 200g. With nozzle Art. 3425 A.

3423B Each **12,50**

3423GA



Orig. Samoa-Hallbauer
Professional type.
Capacity: 340g. With flared nozzle.

3423GA Each **41,80**

Product running out of stock.

3423GB



Product description as Art. 3423GA
Capacity: 340g. With pointed nozzle.

3423GB Each **41,10**

Product running out of stock.

HIGH PRESSURE LEVER GREASE GUNS FOR SCREW-IN CARTRIDGES

3423GBF



Orig. Samoa-Hallbauer
Professional pistol used with SCREWABLE CARTRIDGES Art. 3423 GBM, for rapid, simple and clean greasing. With the chance to adjust for more pressure or greater capacity. With flexible and professional rod of the length of 500 mm and high quality head with 4 jaws. Steel body and zinc-plated lever for use with one hand, lockable. With exhaust valve. Supplied without cartridges.

3423GBF Each **86,50**

3423GBM



High quality LITHIUM universal grease in practical SCREWABLE CARTRIDGES to be used in combination with lever compressors Art. 3423 GBF. Operating temperature from -30 ° C to + 120 ° C.

Automatic grease compaction system during dispensing.
Capacity g. 500, Ø mm 53.

3423GBM Each **13,70**

Adapter to fill grease cartridges Art. 3423 GBM, emptied, with the grease filling pumps Art. 3426 GE 10-20-25-50.

O3423GBM Each **25,10**

For grease cartridges for insertion into the compressor tank, see Art. 3424 C - 3424 D.

HIGH PRESSURE LEVER GREASE GUNS

3423GC



Orig. Samoa-Hallbauer
Gun type, with rigid hose and universal nozzle. Can be used with one hand to reach and grease small places. Connecting thread M 10x1. Art. 3423 GCx500 can be refilled with bulk grease by means of pumps Art. 3426 GE. Art. 3423 GCx100 and 500 can be refilled with grease cartridges Art. 3424 Cx60-100 -400.

Capacity	grams	100	150	500
Grease for pumping	cc	0,2	0,4	0,8
3423GC	Each	25,50	56,10	59,90

Capacity 150 gr. only is provided with 2 grease cartridges, included.

Solo per cartucce
3424C 60

Solo per cartucce
3424C 100

Solo per cartucce
3424C 400

3423GD



For grease. Professional type, with steel body.
Compliant with DIN 1283 standards and approved by "TÜV" - "GS" (only gr 500).
Automatic forward movement of bulk grease or grease cartridge.
With air valve.
Possible automatic refilling of bulk grease by means of pumps Art. 3426 GE. Connecting thread M 10x1. Without flexible pipes and nozzles
Operating pressure: 400bar (Atm).

Capacity	grams	500	600
3423GD	Each	28,10	51,60

For grease cartridges see Art. 3424 Cx400.
Flexible pipes and nozzles see Art. 3425.



HIGH-PRESSURE LEVER GREASE GUNS IN SET

Orig. Samoa-Hallbauer

Set consisting of:
 1 compressor Art. 3423 GDx500
 1 flexible connection Art. 3425 Mx300
 a 4-jaw nozzle Art. 3425 A
 In cardboard box.



3423GE



3423GE Each **34,54**

HIGH PRESSURE LEVER GREASE GUNS

Prod. SCU

For grease. Steel body. Automatic forward movement of bulk grease or cartridge grease.
 With air valve. Possible automatic refilling of bulk grease by means of pumps Art. 3426 GE.
 Connecting thread M 10x1.
 Without flexible pipes and nozzles.



3423H



Capacity	grams	300	500	750	1000
Body Ø	mm	45	56,5	56,5	56,5
3423H	Each	17,20	24,10	24,30	24,80

For grease cartridges 500g see Art. 3424 Cx400.
 For grease cartridges 750-1000g see Art. 3424 Cx600.
 For flexible pipes and nozzles see Art. 3425.

HIGH-PRESSURE LEVER GREASE GUNS IN SET

Prod. SCU

Set consisting of:
 1 compressor Art. 3423 Hx500
 1 flexible connection Art. 3425 Lx300
 a 4-jaw nozzle Art. 3425 A
 In cardboard box.



3423L



3423L Each **30,40**

HIGH PRESSURE LEVER GREASE GUNS

Prod. SCU

With optimal price/quality ratio.
 For grease. Steel body. Anti-slip matt painting.
 Automatic forward movement of bulk grease or cartridge grease by means of oversized lever. With air valve.
 Possible automatic refilling of bulk grease by means of pumps Art. 3426GE.
 Connecting thread M10x1. Without flexible pipes and nozzles.



3423LE



Capacity	grams	500
Body Ø	mm	56,5
3423LE	Each	16,50

For cartridges and grease see Art. 3424 Cx400.
 Flexible pipes and nozzles see Art. 3425.

HIGH-PRESSURE LEVER GREASE GUNS WITH MANOMETER

Orig. Samoa-Hallbauer

For grease. Industrial type with steel body. With manometer up to 400 bar. Automatic forward movement of bulk grease or cartridge grease. With air valve. Possible automatic refilling of bulk grease by means of pumps Art. 3426 GE. Connecting thread G 1/8. Without hoses, flexible pipes and nozzles. Operating pressure: 400bar (Atm). In cardboard box.



3423MG



Capacity	grams	500
3423MG	Each	154,00

For cartridges and grease see Art. 3424 Cx400.

Hard pipe, connecting thread G 1/8, length 150mm, complete with 4-jaws nozzle, professional, for Art. 3423 MG.

O3423MG 1 Each **7,98**

Flexible pipe, connecting thread G 1/8, reinforced, length 300mm, complete with 4-jaws nozzle, professional, for Art. 3423 MG.

O3423MG 2 Each **24,10**

**COMPRESSED AIR AUTOMATIC HIGH-PRESSURE GREASE GUNS****3423S****SCU****Prod. SCU**

For bulk grease or cartridges Art. 3424 Cx600.
Automatic forward movement of grease. Capacity 750g.
Delivery: 400Atm. Operating pressure: 6Atm. Equipped with air valve.
Standardized quick connection.
With flexible pipe and nozzle. Connecting thread M 10x1.

3423S	Each	122,00
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**3423T****SCU**

For bulk greas with steel tank.
forward movement and automatic pushing of grease. Capacity: 1000g.
Delivery: 400Atm. Operating pressure: 6Atm. Equipped with air valve.
Standardized quick connection.
With flexible pipe and nozzle. Connecting thread M 10x1.

3423T	Each	168,00
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**BATTERY GREASE GUNS****3423ZP**
new

Professional type which works with 18V - 1,5 Ah lithium (Li-on) battery, detachable and rechargeable. High-performance pump (approx. 70 ccm/min.) ideal to grease difficult places without compressed air or electricity. For bulk grease or cartridges Art. 3424 Cx400. Automatic forward movement of grease. Capacity: 430 g. Battery recharging time: 60 min approx. Supplied with plastic case complete with 1 battery, battery charger, flexible pipe with length 1000mm, professional 4-jaw nozzle.

3423ZP	Each	523,00
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Batteries, hoses and spare heads available on request.**18V****10**



GREASE CARTRIDGES

Prod. SCU

High quality LITHIUM universal grease in practical cartridges. Operating temperature from -30 ° C to + 120 ° C.

Size		60	100
Capacity		60 cc	100 g
Ø	mm	-	-
For compressors Art.		3422Sx60 - 3422Tx60 - 3423GCx100	3422P - 3422R - 3423GCx150
3424C	Each	6,40	5,56
Size		400	600
Capacity		400 g	600 cc
Ø	mm	53	53
For compressors Art.		3423GC - 3423GD - 3423GE - 3423Hx500 - 3423L - 3423LE - 3423MG - 3423ZG	3423Hx750/1000 - 3423S
3424C	Each	6,22	9,08



3424C



Cardboard unit Art. 3424 C 400 = 12 pcs / Art. 3424 C 600 = 15 pcs.

Orig. Samoa-Hallbauer

Very high quality LITHIUM grease with excellent resistance to mechanical friction and high pressures. Significant resistance to corrosion and oxidation. In practical cartridge. Operating temperature from -30 ° C to + 130 ° C (drop point higher than 180 ° C).

Capacity	grams	400
Ø	mm	53
For compressors Art.		3423GC - 3423GD - 3423GE - 3423Hx500 - 3423L - 3423LE - 3423MG - 3423ZG
3424D	Each	8,10



3424D
new



For grease cartridges screwed to the compressor Art. 3426 GBF See Art. 3423 GBM.

GREASE FITTINGS

Prod. SCU

Brass. Screw cover model, mod. STAUFFER.

Size		1	2	3
Thread drive	Gas	1/8	1/4	1/4
Body Ø	mm	17	20	31
3424E	Each	2,30	2,58	6,64



3424E



Extensions for greasers mod. STAUFFER Art. 3424E

Size		1	2
Overall length	mm	120	120
Thread drive	Gas	1/8	1/4
3424EP	Each	9,32	10,80



3424EP



Orig. Samoa-Hallbauer

In special hardened steel, ANTI-RUST, ANTI-OXIDANT. Hydraulic spheric head. DIN 71412. Straight type. In pack of approx. 100 pcs

Size		1	2	2A	3	3A	4	5
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,5	1/8 Gas	1/4 Gas
Hexagon	mm	7	9	9	11	11	11	14
3424GF	Each	1,42	1,78	2,00	1,96	1,96	1,96	7,50



3424GF



In zinc-coated hardened steel. Hydraulic spheric head. DIN 71412. In pack of approx. 100 pcs

Straight.

Size		1	2	2A	3	3A	3B	4	5	6
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,5	12x1,5	1/8 Gas	1/4 Gas	1/8 NPT
Hexagon	mm	7	9	9	11	11	14	11	14	11
3424GR	Each	0,26	0,28	0,30	0,36	0,36	1,18	0,36	0,68	0,36



3424GR



Product description as Art. 3424GR

45° angled.

Size		1	2	2A	3	3A	3B	4	5	6
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,5	12x1,5	1/8 Gas	1/4 Gas	1/8 NPT
Hexagon	mm	9	9	9	11	11	14	11	14	11
3424GS	Each	0,64	0,64	0,66	0,74	0,78	2,54	0,74	1,36	0,62



3424GS



Product description as Art. 3424GR

90° angled.

Size		1	2	2A	3	3A	3B	4	5	6
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,5	12x1,5	1/8 Gas	1/4 Gas	1/8 NPT
Hexagon	mm	9	9	9	11	11	14	11	14	11
3424GT	Each	0,64	0,64	0,66	0,74	0,78	2,54	0,74	1,18	0,62



3424GT





3424GTP



Prod. SCU

PVC caps with retaining ring for spherical head grease fittings.
In packages of approx. 100 pcs.

3424GTP	Each	0,10
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3424GU



With flat head. In pack of approx. 100 pcs
With single upper hexagon 15mm for all sizes.

Size		00	0	0A	1	01	1A	2
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,25	10x1,5	1/8 Gas
3424GU	Each	0,50	0,50	0,50	0,50	0,66	0,50	0,50
Size		3		7				
Thread drive	M.	1/4 Gas		1/4 Ww				
3424GU	Each	0,50		0,80				

Size 7 running out of stock.

3424GW



Product description as Art. 3424GU
With double hexagon 15mm for all sizes.

Size		00	0	0A	1	01	1A	2
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,25	10x1,5	1/8 Gas
3424GW	Each	0,54	0,54	0,54	0,54	0,66	0,54	0,54
Size		3		4		5		
Thread drive	M.	1/4 Gas		12x1,5		12x1,75		
3424GW	Each	0,54		0,54		0,54		

3424GZ



Orig. Samoa-Hallbauer

With concave head. DIN 3405. In pack of approx. 100 pcs

Size		1	2	2A	3	3A	4	5
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,5	1/8 Gas	1/4 Gas
Hexagon	mm	7	9	9	11	11	11	14
3424GZ	Each	0,46	0,50	0,50	0,52	0,68	0,70	0,98

3424GZ 110



Set of grease fittings.
In handy box to have them readily available.
It contains No. 110pcs:
No.30 pcs. Art. 3424 GR x 1
No.20 pcs. Art. 3424 GR x 2
No.10 pcs. per type Art. 3424 GR x 3-4
No.5 pcs. per type Art. 3424 GS x 1-4
No.10 pcs. Art. 3424 GS x 2
No.5 pcs. per type Art. 3424 GT x 1-4
No.10 pcs. Art. 3424 GT x 2
Complete set.

3424GZ 110	Each	78,80
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3424GZ 230



Set of grease fittings.
In handy box which makes them readily available.
Contains 230 pieces:
50 pieces Art. 3424 GR x 1
25 pieces Art. 3424 GR x 3-4
10 pieces per type Art. 3424 GS x 1-2-3-4
10 pieces per type Art. 3424 GT x 1-2-3-4
Complete set.

3424GZ 230	Each	189,00
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Prices in EURO . VAT not included



Set of grease fittings.
 In handy box which makes them readily available.
 Contains 475 pieces:
 100 pcs. Art. 3424 GR 1
 75 pcs. Art. 3424 GR 2
 50 pcs. Art. 3424 GR x 3-4
 30 pcs. Art. 3424 GS x 1-2
 20 pcs. Art. 3424 GS x 3-4
 30 pcs. Art. 3424 GT x 1-2
 20 pcs. Art. 3424 GT x 3-4
 Complete set.

3424GZ 475	Each	282,00
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3424GZ 475
new



Prod. SCU

In hardened, galvanized steel. Bayonet grease nipple. GAS pitch thread.

Thread drive	M.	1/8	1/4
3424GZE	Each	3,08	5,32

For grease nipple see Art. 3425 HE.



3424GZE

HEADS AND FLEXIBLES

Prod. SCU

Connecting thread M 10x1.
 4-jaw nozzles in zinc-coated hardened steel, for grease.

3425	Each	2,34
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3425

Connecting thread M 10x1.
 Product description as Art. 3425

3425A	Each	2,58
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Product description as Art. 3425
 EXCELLENTE professional type, 4-jaw zinc-coated hardened steel, turned, machine finished, finely galvanised, for grease and oil.

3425A 4	Each	3,56
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3425A
3425A 4

Orig. Samoa-Hallbauer

Product description as Art. 3425
 4-jaw zinc-coated hardened steel, turned and ground for maximum grease and oil seal.

3425B	Each	4,50
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3425B

Product description as Art. 3425
 High-pressure nozzles up to 700 bar, with 7 sealing balls for quick and precise insertion into the grease gun without loss of grease.
 Browned and knurled.

3425C	Each	75,20
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3425C
new

Ideal for use in combination with rubber hoses Art. 3425 T.

Prod. SCU

Product description as Art. 3425
 Nickel-plated steel caps with spheric nozzle for fittings.

3425D	Each	0,76
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3425D

Product description as Art. 3425
 Galvanised steel caps with flared nozzle for fittings.

3425E	Each	0,76
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3425E

Product description as Art. 3425
 Convex zinc-plated brass caps for fittings with hexagon or round nozzle 15mm.

3425F	Each	7,36
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3425F

Product description as Art. 3425
 Standard brass caps for fittings with hexagon or round nozzle 15mm.

3425G	Each	4,66
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3425G

**3425G 16** **Orig. Samoa-Hallbauer**

Product description as Art. 3425

Standard zinc-coated brass caps for fittings with hexagon or round nozzle 16mm.

3425G 16	Each	10,50
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3425G 22 

Product description as Art. 3425

Zinc-coated brass caps for tracks, for hexagon-shaped fittings 22mm.

3425G 22	Each	18,30
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3425H **Prod. SCU**

Product description as Art. 3425

Zinc-plated brass caps for tracks, for hexagon-shaped fittings 22mm.

3425H	Each	12,10
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3425HE 

Product description as Art. 3425

Zinc-plated brass caps for bayonet grease nipples Art. 3424 GZE 1/8 - 1/4.

3425HE	Each	21,40
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3425L 

Product description as Art. 3425

Reinforced nylon flexible pipes.

Overall length	mm	300	400	500
3425L	Each	3,52	3,80	4,16

3425M 

Product description as Art. 3425

Safety flexible pipes DIN 1283, in reinforced rubber for high-performance, tested at a pressure of max. 1000bar. Diameter: 11mm.

Overall length	mm	300	500	700
3425M	Each	3,86	4,84	5,86

3425T **Orig. Samoa-Hallbauer**

Product description as Art. 3425

Safety flexible pipes according to DIN 1283 standards, in reinforced rubber with high-performance steel braid, tested at a pressure of max. 1600bar. Diameter: 13mm.

Overall length	mm	300	500	1000
3425T	Each	17,20	25,80	41,50

3425V **Prod. SCU**

Product description as Art. 3425

Rigid steel pipes with total length: 150mm.

3425V	Each	1,52
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GREASE REFILLING PUMPS FOR GUNS**3426GE** **Orig. Samoa-Hallbauer**

For refilling lever guns and grease guns equipped with air/refilling valve.

For Art. 3423 GCx150-500 - 3423 GD - 3423 H - 3423 MG.

The follower plate allows to check the grease level. With dustproof sealing cover and retaining hooks. Approved by "TÜV" and "GS".

Without barrel.

For drums content	Kg	10	20	25	50
For drums int Ø	mm	215-230	285-305	300-335	355-387
3426GE	Each	247,00	265,00	265,00	342,00

Only for refilling of guns, not for greasing.



HAND-OPERATED LUBRICATION SYSTEMS

Orig. Samoa-Hallbauer

Hand-operated.
Lubricates by using grease directly from barrels.
Consists of:
1 lever pump with suction tube.
1 follower plate.
1 dust cover with fastening hooks.
1 rubber hose of 1.5m and connecting thread.
1 rigid rod with length 150mm complete with professional 4-jaw nozzle.
Without barrel.



3426GH



For drums content	Kg	20	50
For drums int Ø	mm	285-305	355-387
3426GH	Each	359,00	481,00

Prod. SCU

Hand-operated.
Lubricates by using grease directly from barrels.
Consists of:
1 lever pump with suction tube.
1 follower plate.
1 dust cover with fastening hooks.
1 rubber hose of 3m complete with rigid rod and nozzle.
Without barrel.



3426L



For drums content	Kg	25
For drums int Ø	mm	280-310
3426L	Each	194,00

Manual type with tank.
Lubricates by using grease from barrel made from sturdy painted steel.
Lever pump with rubber hose approx. 1.5m in length, complete with rigid rod and nozzle.



3426P



Tank capacity	Kg	8	12	16
3426P	Each	131,00	135,00	147,00

AIR OPERATED LUBE EQUIPMENTS

Orig. Samoa-Hallbauer

Air-operated, with very high performances for oils and greases up to consistency grade 3.
In anti-rust material and special anti-wear gaskets.
Pump capacity: 600g per min., with output pressure 400bar (Atm).
Pistol for one-hand use, 360° swinging.
Safety valve set up to 8bar (Atm).
Consists of:
1 pump with compressed air motor.
1 pistol with connection and nozzle.
1 follower plate.
1 high-pressure tube length 3.5m.
1 dust cover.
1 trolley for barrels.
Without barrel.



3427GE



For drums content	Kg	20	25	50
For drums int Ø	mm	260-306	285-341	340-393
3427GE	Each	1.620,00	1.620,00	1.700,00

Product running out of stock.

Spare follower plate for Art. 3427 GE.

For drums content	Kg	20	25	50
O3427GE	Each	62,10	84,20	120,00

Product running out of stock.



10



3427H

**Prod. SCU**

Motor-operated with compressed air.
In anti-rust material and special anti-wear gaskets.
Pump capacity: 500g per min., with output pressure 400bar (Atm).
Pistol for one-hand use.

Consists of:

- 1 pump with compressed air motor.
- 1 pistol with connection and nozzle.
- 1 follower plate.
- 1 high-pressure tube length 3m.
- 1 dust cover with fastening hooks.
- 1 trolley for barrels.

Without barrel.

Size		30	60
For drums content	Kg	20-30	50-60
For drums int Ø	mm	265-290	355-390
3427H	Each	962,00	1.080,00

Spare follower plate for Art. 3427 H.

Size		30	60
O3427H	Each	74,60	98,70

LEVER ACTION PUMPS

3427L

**Prod. SCU**

Pump with metal piston and valve for continuous suction of liquids.
Lever-operated. Connecting thread M 64x4 and bung adaptor G 2".
Suction tube max length: 800mm. Liquids output, PVC hose with max length: 1000mm. Apt for naphtha, diesel fuel, oils, antifreezers and petroleum. Not apt for solvents, detergents, gearbox oils, acids and gasoline.

Capacity	l/min.	25	60
3427L	Each	68,70	76,10

3427LG

**Orig. Samoa-Hallbauer**

Pump with metal piston and valve for continuous suction of liquids.
Lever-operated. Connecting thread for big barrels (200l).
Suction tube in synthetic material with max length: 750mm. Liquids output, PVC hose with max length: 1000mm. Apt for naphtha, diesel fuel, heating oils, hydraulic oils and motor oils, etc. Not apt for solvents, detergents, gearbox oils, acids and gasoline.
Output: 0.2l per stroke.

3427LG	Each	60,50
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3427LH

**Prod. SCU**

Heavy type, semi-rotary double acting (suction and filler) pump, lever-operated. Complete with liter-counter and hand delivery pistol.
Bung adaptor G 2". Suction tube max length: 1000mm. Liquids output rubber hose with max length: 2000mm. Apt for naphtha, diesel fuel, antifreezers and petroleum. Not apt for solvents, detergents, gearbox oils, acids and gasoline.
Output: 25l/min. Weight: 11.5kg

3427LH	Each	1.120,00
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Rotary double acting (suction and filler) pump, crank-operated.
 Bung adaptor G 2". Suction tube max length: 1000mm.
 Liquids output PVC hose with max length: 1000mm. Apt for naphtha, diesel fuel, antifreezers and petroleum. Not apt for solvents, detergents, gearbox oils, acids and gasoline.
 Output: 0,4l each turn.

SCU

3427M



3427M	Each	82,50
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Rotary double acting (suction and filler) pump, crank-operated. In stainless steel AISI 316.
 Bung adaptor G 2". Stainless steel AISI 316 suction tube max. length: 1000mm.
 Liquid output reinforced rubber hose max length: 2000mm. Ending part in stainless steel AISI 316.
 Apt for petrol, alcohol, acids, solvents, detergents, liquid food, water, etc.
 Output: 44l/min.

SCU

3427P



INOX

3427P	Each	2.330,00
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BARREL PVC PUMPS

Prod. SCU
 Apt for naphtha, diesel fuel, kerosene. With filter and ballgrip.

Takeup pipe length	mm	750	1000
3427R	Each	24,70	26,40

SCU

3427R



BARREL PUMPS FOR FUELS

Prod. SCU
 Lever-operated pump with diaphragm. Body in special synthetic material, diaphragm in Viton and metal components in stainless steel. Can work both in horizontal and vertical position by fastening it with 4 screws or directly on the barrel by means of G 2" fitting. Supplied without tubes, but arranged for 3 connections Ø 27-33-38mm. Suction tube max length: 5m, delivery hose max length: 8m. For gasoline, fuels in general, fuel oils and water. Max length when closed: 350mm.
 Output: 40l/min. Weight: 0.750kg

SCU

3427S



3427S	Each	172,00
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BARREL PUMPS FOR LIQUIDS

Prod. SCU
 Lever-operated pump with diaphragm. Body in special synthetic material, highly corrosion-resistant. Can work both in horizontal and vertical position (wall-mounted), or directly on barrels by means of the special support with bung adaptor M 64x4 and G 2". Suction tube length: about 1.20m, with filter. Delivery hose length: about 2m, with nozzle. Fastening screws and ties in stainless steel.
 Output: 25l/min. Weight: 2.95kg. Operating temperature: -10° to +40° C.
 Apt for water, seawater, diesel oil, mineral and synthetic oil, engine oil, glycol (anti-freeze), dielectric liquid (kerosene), heating oil, emulsions.

SCU

3427SE



3427SE	Each	97,10
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Pumps suitable for decanting liquid foodstuffs are available on request.



BARREL PUMPS

3427T

SCU

**Prod. SCU**

Lever-operated pump with metal body.
 Bung adaptor G 2".
 Suction telescopic tube max length: 900mm approx.
 Liquids output PVC hose with max length: 1000mm approx.
 Apt for naphtha, diesel fuel and all fluid oils.
 Not apt for solvents, detergents, acids and gasoline.
 Output: 30l/min.

3427T Each 85,50

3428GB

S h

**Orig. Samoa-Hallbauer**

Professional type, lever-operated pump with heavy metal body.
 Connecting thread M 64x4 and bung adaptor G 2".
 Suction telescopic tube max length: 900mm approx. Output: 0.5l per stroke. PVC hose length: 2m with spout and anti-bending spring. Apt for naphtha, diesel fuel and all fluid and thick oils. Not apt for solvents, detergents, acids and gasoline.

3428GB Each 83,00

3428GC

SCU

**Prod. SCU**

Model with lever pump and very resistant technopolymer body. External and internal metal parts in stainless steel.
 G 2" threaded connection.
 Possibility of pumping by hand.
 Max telescopic tube length mm 1000 c.ca.
 Output 1,0,5. Reinforced PVC hose, length 2 m.
 For urea (AdBlue®).

3428GC Each 152,00

3428GCE
new

SCU

**Product description as Art. 3428GC**

For fuel oils, emulsions, water, diesel fuel, kerosene, hydraulic oil, antifreeze, lubricants.

3428GCE Each 134,00

BARREL PUMPS FOR CHEMICALS

3428GD

S h

**Orig. Samoa-Hallbauer**

Indicated for aggressive chemicals. Not apt for diluents and solvents. Threaded connection G 2".
 Polypropylene body with inside stainless steel rod and gaskets in special synthetic material.
 Ballgrip.
 Output: 0.25l per stroke.

3428GD Each 72,20



Indicated for very aggressive chemicals, solvents NITRO diluents and varnishes. Bung adaptor G 2". Polypropylene body with inside stainless steel rod and gaskets in special synthetic material. Ballgrip. Output: 0.25l per stroke.



3428GDA

3428GDA Each **194,00**

Adaptors for connecting threads 38-64mm, for Art. 3428 GD / 3428 GDA.

O3428G 1 Each **10,10**

Connecting thread "Tri-Sure 2", for Art. 3428 GD / 3428 GDA.

O3428G 2 Each **9,74**

Model made completely of stainless steel AISI 316 with seals in anaerobic PTFE resin, suitable for highly aggressive chemicals, solvents, all Nitro thinner, Acetone and paint. Threaded 2" connection. Molded control handle. Extension hose in plastic with locking clamp. For 20 liter canisters liter and 60 liter drums. Delivery per pump stroke 0.20 l.



3428GDB

3428GDB Each **178,00**

Model made completely of stainless steel AISI 316 with seals in anaerobic PTFE resin, suitable for highly aggressive chemicals, solvents, all Nitro thinner, Acetone and paint. Threaded 2" connection. T control handle. Extension hose in plastic with locking clamp. For 200 liter canisters. Delivery per pump stroke 0.20 l.



3428GDC

3428GDC Each **328,00**

Prod. SCU

Model with lever pump and very resistant technopolymer body. External and internal metal parts in stainless steel.

G 2" threaded connection.

Possibility of pumping by hand.

Max telescopic tube length mm 1000 c.ca.

Output 0,5. Reinforced PVC hose, length 2 m.

For chemicals, alkalis and weak acids, detergents, soaps, washers, herbicides and pesticides.



3428GDP
new

3428GDP Each **174,00**

Orig. Samoa-Hallbauer

Indicated for very aggressive chemicals. Not suitable for transferring solvents and thinners.

Connecting thread M 64x4 and bung adaptor G 2".

Output: 0.5l per stroke. Steel body. Suction telescopic tube max length: 900mm. PTFE gaskets.

Special rubber hose, 2m long, valve with outlet tube, metal spout and anti-bending spring.



3428GE

3428GE Each **135,00**



3428GF



Special type suitable for NITRO diluents and paint thinner, neutral and basic, without acid components.
Connecting thread M 64x4 and bung adaptor G 2".
Output: 0.5l per stroke. Steel body. Suction telescopic tube max length: 900mm. Gaskets in special material. Special rubber hose, 2m long, valve with outlet tube, metal spout and anti-bending spring.

3428GF Each 217,00

3428L



Prod. SCU

Indicated for very aggressive chemicals. Not apt for diluents and solvents.
Threaded connection G 2".

Lever pump with acid-proof rubber diaphragm, alternate movement.

Output: 38l/min. Body in metal/special synthetic material. Suction PVC hose with length: 1000mm. Liquids output, flexible rubber tube with length 2000mm with spout.

3428L Each 729,00

BATTERY ELECTRIC PUMPS

3428P



Prod. SCU

Pump in special synthetic material, highly corrosion-resistant, with metal parts in galvanized steel.
Connecting thread M 64x4 and G 2". Suction tube extension length 1m. Intake filter. Rubber delivery tube, about 2,5m long. Fuelling gun. Clamps.
Operating temperature -10° C to +40° C.

12V battery operated, with cables.

Apt for diesel oil and naphtha (not for petrol).

Output: 35l/min.

3428P Each 295,00

3428R



12 V for battery operation.

Indicated for naphtha and diesel fuel (not for gasoline or colza oil). Pump supplied with suction tube, 1m long, filter and barrel Adaptor G 2". Connecting cable, length 1.8m, with clamps.
Gun and 4m long tube. Output: 40l/min.

3428R Each 526,00

SPARE PARTS FOR ELECTRIC PUMPS

3428RE



Prod. SCU

Pump in special synthetic material, highly corrosion-resistant, with metal parts in galvanized steel.
Connecting thread M 64x4 and G 2". Suction tube extension length 1m. Intake filter. Rubber delivery tube, about 2,5m long. Fuelling gun. Clamps.
Operating temperature -10° C to +40° C.

230 V - 50 Hz monophase motor with double insulation, supplied with cable and plug. On/off switch.

Apt for diesel oil and naphtha (not for petrol).

Output: 40l/min.

3428RE Each 266,00



Indicated for naphtha and diesel fuel (not for gasoline or rapeseed oil). 230 V monophasic engine. Suction tube, 1m long, filter and barrel adaptor G 2". On/off switch and 1.8. long cable with plug. Gun and 4m long tube. Output: 56 l/min.

3428S Each **726,00**



3428S



Orig. Samoa-Hallbauer

Industrial model. Particularly indicated for naphtha, diesel fuel and biodegradable fuels (not for gasoline or colza oil). Automatic delivery of liquid when the engine is started. V 230 50 Hz - kW 0.37 monophasic engine. Suction tube, 1.6m long, filter and barrel adaptor G 2". On/off switch and 3m long cable with plug. Equipped with automatic gun with limit switch operated when filling is complete. (According to the distribution system). Special rubber suction hose with length 4m. Output: 60l/min.

3428TG Each **861,00**

Digital liter-counter, with zerosetting and summation for Art. 3428 TG.

O3428TG 1 Each **367,00**

Spare automatic pistol for Art. 3428 TG.

O3428TG 3 Each **212,00**



3428TG



Prod. SCU

Pump made of special synthetic material with high corrosion resistance and stainless steel metal parts. Connection of the threaded pump M 64x4 and G 2" and suction tube 1 meter long. Suction filter. Rubber delivery tube, length m 3 approx. Dispense gun. Hose clamps. Operating temperature -10 ° C to + 40 ° C.

230 V - 50 Hz monophasic motor with double insulation, supplied with cable and plug. On/off switch. Apr for oils, lubricants, glycol (anti-freeze), dielectric oils, heating oil, diesel oil, water and emulsions. Output: 40l/min.

3428TL Each **322,00**

The same pump but 12 V battery operated, with cables is available on request.



3428TL



INOX

WALL-MOUNTED ELECTRIC PUMPS

Prod. SCU

Industrial type. Particularly indicated to be mounted on walls. Apt for diesel fuel, naphtha (not for gasoline or colza oil). V 230 monophasic engine. Mechanic liter-counter and automatic gun with limit switch when filling is complete (According to the distribution system). Suction tube with filter, 4m long. Delivery tube, 4m long. Output: 60l/min.

3428V Each **1.150,00**



3428V





ADHESIVES, SEALING AGENTS AND GLUES

3429 2

SCU



Prod. SCU

Anaerobic adhesives for metallic threads.
Operating temperature from -50° C to + 150° c.
Average setting time up to 3 hours (for stainless steel up to 6 hours).

THREAD LOCKER

MEDIUM BRAKING type for dismantling of assembled pieces using conventional tools. Resistant to common lubricant oils and solvents that are not excessively aggressive. For threads with maximum Ø M 36. In 50 ml bottles. Blue.

3429 2 Each 12,10

3429 4

SCU



Product description as Art. 3429 2

THREAD LOCKER

STRONG BRAKING type for complete unlocking of assembled pieces; gives good resistance to oils, solvents etc. For threads with maximum Ø M 20. In 50 ml bottles. Green.

3429 4 Each 12,10

3429 6

SCU



Anaerobic sealants for metal threads.
Operating temperature from -50° C to + 150° c.

Average setting time up to 3 hours (for stainless steel up to 6 hours).

THREAD LOCKER

MEDIUM RESISTANCE type sealing all types of thread from water, air, gas and making them particularly resistant to oils. For threads with maximum Ø up to 2". In 50 ml bottles. Red.

3429 6 Each 13,90

3429 8

SCU



Product description as Art. 3429 6

THREAD SEAL

HIGH RESISTANCE type sealing all types of thread from water, air, gas etc. For threads with maximum Ø up to 2". In 75 ml bottles. Fluorescent yellow.

3429 8 Each 17,60

3429 10

SCU



Anaerobic Fixer Blocker for metallic threads.

Operating temperature from -50° C to + 150° c.

Average setting time up to 3 hours (for stainless steel up to 6 hours).

THREAD LOCKER

HIGH RESISTANCE type to lock threaded joints to cylindrical connections, including very large ones. In 50 ml bottles. Green.

3429 10 Each 13,90

3429 12

SCU



Instant universal adhesives based on cyanoacrylate, ethyl ester. Allow paste firmly various kinds of materials such as steel, rubber, leather, wood, plastics, cardboard etc.

In 20 gram bottles.

3429 12 Each 8,08

3429 14

SCU



Instant universal adhesives based on cyanoacrylate, ethyl ester. High viscosity GEL, that allows to fill any spaces without strain and vertical applications. Suitable for gluing, steels, plastics rubber on metal surfaces.

In 20 gram tubes.

3429 14 Each 14,60

3429 18

SCU



Adhesives, sealants "GASKET SHAPE" silicone resists high temperatures up to 315° c. Thanks to polymerization for reaction to the atmospheric humidity is ideal for sealing oil cups, differentials, gear boxes, flanges, compressors, pipes with hot liquids. The elastic seal that forms is resistant to vibration, high temperature, oils, chemical agents, etc. Hardening time up to 24 hours.

In 80 gram tubes. Red.

3429 18 Each 11,10



MARKERS FOR SECURITY CONTROL

Prod. SCU

Tube type with dispenser cap. High visibility paint for an immediate visual inspection of inviolability on parts assembled with screws, nuts, bolts that must not be accidentally unscrewed or by malicious intervention.

Paint without dangerous substances both for the treated surfaces and for the user (does not contain xylene). The product must be used by professional staff due to the presence of n-butyl acetate. Resistant to temperatures up to + 200 ° C. Particularly suitable for industrial production, construction, hydraulics, railway, aeronautics and where maximum security is required.

White color.

3429 20 Each 11,70

SCU

3429 20
new



Product description as Art. 3429 20

Yellow color.

3429 21 Each 11,70

SCU

3429 21
new



Product description as Art. 3429 20

Red color.

3429 22 Each 11,70

SCU

3429 22
new



Product description as Art. 3429 20

Blue color.

3429 23 Each 11,70

SCU

3429 23
new



Product description as Art. 3429 20

Green colour.

3429 24 Each 11,70

SCU

3429 24
new



Product description as Art. 3429 20

Orange colour.

3429 25 Each 11,70

SCU

3429 25
new



Product description as Art. 3429 20

Black colour.

3429 26 Each 11,70

SCU

3429 26
new



WASHING AND LUBRICATING SPRAY GUNS

Prod. SCU

Body in special die-cast aluminium. Unified quick coupling. Apt for naphtha and graphitized oil. Tank capacity: 1l. Operated by compressed air. Operating pressure: 3-4bar (Atm). With painted steel tank.

3429A Each 16,50

SCU

3429A





3429B

SCU



Product description as Art. 3429A
With aluminium tank.

3429B	Each	21,90
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3430G

ewo

**Orig. Ewo - Art. 125**

With straight brass pipe. High-performance spray. Forged aluminium body. Tank made of nylon, unbreakable, indeformable and protected against oils or solvents. Constant check of the content. Does not leave any sign when it collides against glass surfaces. Does not bruise when it falls down. Capacity: 0.700l. Total length: 450mm. Operated by compressed air. Operating pressure: 3-4bar (Atm). Unified quick coupling.

3430G	Each	124,00
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3434G

ewo

**Orig. Ewo - Art. 355**

Spray model. Great liquid economy. Does not poison the environment. Straight brass pipe. Aluminium body. Tank made of nylon, unbreakable, indeformable and protected against oils and solvents. Constant check of the content. Does not leave any sign when it collides against glass surfaces. Does not bruise when it falls down. Capacity: 0.700l. Operated by compressed air. Operating pressure: 3-4bar (Atm). Unified quick coupling.

3434G	Each	166,00
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SAND BLASTING GUNS

3435L

SCU

**Prod. SCU**

Apt for eliminating rust on all metal surfaces. Body in aluminium die casting, aluminium tank. Hole nozzle 6 mm. Operating pressure 6-8 bar (Atm). Unified quick coupling. Tank capacity: 1kg.

3435L	Each	17,10
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3435S

SCU



Apt for eliminating rust on all metal surfaces. nickel-plated brass body, aluminium body. Nozzle hole: 6mm. Operating pressure 2-8 bar (Atm). Unified quick coupling. Tank capacity: 1kg.

3435S	Each	61,10
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Spare nozzle for Art. 3435 S.

O3435S	Each	16,60
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3436G

ewo

**Orig. Ewo - Art. 390**

Particularly indicated for eliminating rust from car bodies. The renewed surface can then be painted again. Also useful in any sand blasting activity. Optimal operating distance: 300mm. Operating pressure: 4-6bar (Atm). Nozzle in hardened alloy steel Ø 4mm. Unified quick coupling. Forged aluminium body. Plastic tank with capacity: 1kg.

3436G	Each	136,00
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Spare nozzle for Art. 3436 G.

O3436G	Each	26,60
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Prod. SCU

Type to eliminate rust on large metal surfaces. With reinforced pipe and metal sand extraction pipe. Nickel-plated brass body.
Nozzle aperture: internal Ø 2.5mm, external Ø 6mm. Unified quick coupling. Pipe length 1.8 m.

3436R Each **88,40**

Spare nozzle for Art. 3436 R.

O3436R Each **7,18**



3436R



SPRAY GUNS FOR UNDERBODY MATERIAL

Prod. SCU

Apt for spraying antinoise, underbody, bituminous, antivibrations products.
Body in aluminium die casting, aluminium tank. Unified quick coupling.
Tank capacity: 1kg.

3437C Each **17,10**



3437C



Apt for spraying antinoise, underbody, bituminous, antivibrations products.
nickel-plated brass body, aluminium tank. Unified quick coupling.
Tank capacity: 1kg.

3437E Each **53,80**

Spare nozzle for Art. 3437 E.

O3437E Each **2,48**



3437E



Orig. Ewo - Art. 318

Particularly indicated for car body shops and repair shops in general. Ideal to spray underbody paint. Body and tank in aluminium. Big-capacity gun for all kinds of paints. Unified quick coupling.
Tank capacity: 1l. Adjusting screw for fine spraying.

3437G Each **231,00**

Spare nozzle for Art. 3437 G.

O3437G Each **14,90**

Plastic, flexible extension, length 700mm, for Art. 3437 G.

O3437GP Each **19,80**



3437G



PAINT SPRAY GUNS

Prod. SCU

Nickel-plated brass body, aluminium lower tank.
Nozzle hole 1.5mm. Adjustable round-shaped and fan-shaped spray. Unified quick connection.
Tank capacity: 1kg

3440 Each **33,40**

Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	1,2	1,5	2	2,5
O3440	Series	6,14	6,14	6,14	6,14



3440





3440B

SCU



Professional type. nickel-plated brass body, aluminium lower tank.
Finely adjustable round-shaped or fan-shaped spray, with stainless steel needle.
Nozzle hole: 1.5mm Unified quick coupling.
Tank capacity: 1kg.

3440B Each **101,00**

Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	1,2	1,5	1,9	2,5
03440C	Series	23,40	23,40	23,40	23,40

3442A

SCU



Nickel-plated brass body, aluminium upper tank.
Nozzle hole: 1.5mm. Adjustable round-shaped or fan-shaped spray. Unified quick coupling.
Tank capacity 0.5kg.

3442A Each **32,30**

Series nozzle/spout and adjusting plug see Art. 03440.

3442D
3442E

SCU



Professional model. Nickel-plated brass body, aluminium upper tank.
Finely adjustable round-shaped or fan-shaped spray, with stainless steel needle.
Nozzle hole: 1.5mm Unified quick coupling.
Tank capacity: 0.5kg.

3442D Each **84,20**

Series nozzle/spout and adjusting plug see Art. 03440 C.

Product description as Art. 3442D

Tank capacity: 1kg.

3442E Each **85,90**

Series nozzle/spout and adjusting plug see Art. 03440 C.

3442GP

ewo



Orig. Ewo - Art. 250

High-performance industrial type. Manufactured in compliance with European standards. Good paint saving. Does not poison the environment. Adjusting inside plug and additional spray adjustment which allows performing basic and finish works. Interchangeable spouts. Body in cleaned, nickel-plated aluminium alloy. Light and handy; spouts/nozzles/adjusting plugs in stainless steel, tank in white-transparent polyethylene with drip-catcher and scaling, capacity 0.68l. Operating pressure: 2 bar (Atm). External connecting thread G 1/4" and nipple. Supplied in handy plastic box with cleaning-maintenance set and spare filters. Max operating temperature: 40°C, air consumption at 2 bar: 200 l/mm.

Hole nozzle 1.3mm.

3442GP Each **281,00**

Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	1,3	1,5	1,7	1,9	2,2
03442GP	Series	70,50	70,50	70,50	70,50	70,50

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MINI PAINT SPRAY GUNS

Prod. SCU

Professional model.
Apt for modelling, touching up, decorations and small works.
Nickel-plated brass body, white polyamide upper tank.
Nozzle hole: 0.5mm. Unified quick coupling. Tank capacity: 0.125 kg. Operating pressure 1-2 bar (Atm).

3443 Each **80,40**

Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	0,3	0,5	0,7
O3443	Series	22,50	22,50	22,50

SCU



3443



Orig. EWO - Art. 250 - MINIPAINT

High-performance super-industrial type.
Manufactured in compliance with European standards. Good paint saving. Does not poison the environment. Adjusting inside plug and additional spray adjustment which allows to perform finish applications, modelling, touching up, decorations. Interchangeable spouts. Body in polished, nickel-plated aluminium alloy. Very light and handy, spouts/nozzles/adjusting plugs in stainless steel, 2 interchangeable tanks in white-transparent polyethylene with drip-catcher, capacity 0.25l and 0.075l.
Operating pressure: 2 bar (Atm). External connecting thread G 1/4" and nipple. Supplied in handy plastic box with cleaning-maintenance set and spare filters. Max operating temperature: 40°C, air consumption at 2 bar:100 l/mm.

Hole nozzle 0.7mm.

3443G Each **169,00**

Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	0,7	1	1,2
O3443G	Series	53,30	53,30	53,30

ewo



3443G



MICROMETRIC ADJUSTERS

Orig. Ewo - Art. 250.01

Micrometric adjuster, light and small size model for low pressure. Especially required for air inlet fine adjustment. Supplied with pressure gauge. Inlet air pressure max. 6 bars (Atm). Adjustable from 0 to 2.5 bar (Atm).
Direct connection to the handgrip of spray guns orig. Ewo Art. 3442 GP and 3443 G or other devices having similar characteristics.
Inner/outer threaded connector G 1/4".

3443GE Each **44,30**

ewo



3443GE

ELECTRIC PAINT SPRAY GUNS

Prod. SCU

Professional model.
With double insulation approved by "TÜV" and "GS". Apt for paints, lakes, oils, disinfectants, insecticides. Adjustable spray up to 300 ml/min.
Viscosity according to DIN standards. Power: W 100, V 230.
Tank: 900ml.
With 3 nozzles 0.6 / 0.8 / 1.0mm and a flexible nozzle.

3444GA Each **50,90**

**Spare nozzles for guns Art. 3444 GA are not available.
Product running out of stock.**

SCU



3444GA



Professional type.
Compliant with European standards, insulation class II. To be used with paints, lacquers, oils, disinfectants and insecticides. Adjustable jet up to 320 g / min.
Maximum viscosity 60 din / sec. Power W 130, V 220-240.
800 ml tank.
With 1 nozzle 0.8 mm.

3444GB Each **73,60**

Spare nozzles available on request.

SCU



3444GB
new





GUNS FOR SILICON, SEALING AND FIXING

3444L
new

SCU

**Prod. SCU**

In sheet steel with plastic coated handle for a safer grip. The rack movement guarantees an higher forward speed of the push rod. For 280/300 ml cartridges.

With cartridge spout CUTTER on the gun body.
Without cartridge.

3444L Each 7,68

3444M

SCU



In steel sheet. With clutch movement which grants high extrusion force. For cartridges of 280/310ml.

Without cartridge.

3444M Each 4,58

3444M 1

SCU



Professional model with aluminium body. High-resistance hexagon-shaped pushing rod. Clutch movement with sealing drip-catching system. For cartridges of 280/300g (except Art. 3444 VE).

Without cartridge.

3444M 1 Each 6,22

3444M 5

SCU



Professional model with body in aluminium. Clutch movement, reinforced, with rotating cartridge holder. Epoxydic powder painting. For 280/300ml cartridges.

Without cartridge.

3444M 5 Each 23,10

3444P

SCU



Professional model with handle and die-cast lever.

Clutch movement, with rotating cartridge holder, ideal for works in progress.
For cartridges of 280/300ml.

Without cartridge.

3444P Each 10,40

3444P 1

SCU



Industrial model with body in light alloy, sturdy and ergonomic. Pushing rod with wear compensation (W.D.C), which allows constant high performances, even after long use. For cartridges of 280/300g.

Without cartridge.

3444P 1 Each 35,30

3444PE

SCU



Very sturdy industrial model with high thrust force. Clutch and push rod hardened to compensate for wear (W.D.C). Clutch movement with reinforced cartridge holder, rotating and with cartridge locking clip. Large and comfortable operating lever with soft and progressive movement. For 280/300 ml cartridges.

Without cartridge.

3444PE Each 49,40



Compressed air type, professional, for use with cartridge. Nickel-plated brass body, aluminum tank.

For 280/300 ml cartridges. 1/4 "G male air connection, 350 gram weight. Without cartridge.

3444R Each **74,80**

Pressure of use from 4 to 8 Atm.

SCU

3444R



Industrial, high performance, compressed air type. To be used with cartridge. Body in reinforced plastic material, aluminum tank. With pressure regulator.

For 280/310 ml cartridges. 1/4 " G male air connection. Weight 1.094 kg. Without cartridge.

3444RE Each **164,00**

Pressure of use from 4 to 8 Atm.

SCU

3444RE

new



Professional model operated by removable and rechargeable lithium (Li-ion) 7.4 V - 1.3 Ah battery. For the extrusion of medium density sealant products at a temperature of 25 ° C in standard cartridges from 280/300 ml. Maximum power 300 Kg. - 2941N. Supplied in plastic case complete with 1 battery and charger. Empty battery charge time: ca. 90 minutes. Weight Kg 1.25.

Without cartridge.

3444S Each **368,00**

Battery and battery-charger available on request.

SCU

3444S



SILICON-SEALING AND FIXING CARTRIDGES

Prod. SCU

Cartridges of pure transparent acetic silicone of 280g. For glasses, crystals, metal casing in aluminium, ceramic, metals, concrete, masonry, etc. Inalterable in time, resistant to U.V. rays.

3444T Each **5,02**

Package unit of 24 cartridges.

SCU

3444T



Cartridges of single-component polyurethane sealing, white, of 300ml, for building, carpentry, tinkers, etc. Can be painted over.

3444V Each **10,80**

Package unit of 12 cartridges.

SCU

3444V



Cartridges of chemical fixative, fast hardening, made of styrene-free polyester resin for injection with 2 components from 300 ml. For drilled and filled building materials, in ceilings, walls, floors, etc.

3444VE Each **14,30**

Pack of 12 cartridges.

SCU

3444VE



GUNS FOR POLYURETHANE FOAM

Prod. SCU

Light type with cast body, handle made from synthetic material and adjustment screw. With seal gasket. Suitable for cartridges Art. 3444 ZA - B.

3444VT Each **14,70**

SCU

3444VT

new



Professional type with sturdy cast body, ergonomic plastic handle and adjustment screw. Triple seal in anaerobic resin (PTFE). Suitable for cartridges Art. 3444 ZA - B. With hooking hole on body.

3444Z Each **35,10**

SCU

3444Z





POLYURETHANE FOAM CARTRIDGES

3444ZA SCU



Prod. SCU

Polyurethane foam in screw cartridges of 750ml (approx. 42 liters of foam). Apt for fixing, refilling and insulating. According to B3 DIN 4102-1 standards. Can be used with gun Art. 3444 Z.

3444ZA Each 12,60

Package unit of 12 cartridges.

GUN-CLEANER CARTRIDGES

3444ZB SCU



Prod. SCU

Polyurethane foam gun-cleaner in screw cartridges of 500ml. Indicated for cleaning guns after use so that they do not block themselves.

3444ZB Each 10,50

Package unit of 12 cartridges.

COMPRESSED AIR DUSTING PISTOLS

3445 ewo



Org. Ewo - Art. 270

Industrial model, straight, compact, in which air is delivered progressively, by pushing on the lever. To dust and clean motors from any kind of powder and to dry wet parts quickly. Body in aluminium alloy. Powerful spray with minimum compressed air consumption. Spout with nozzle 2mm. Hose connection 6mm and unified quick coupling.

3445 Each 19,90

This air gun can be equipped with all the accessories from Art. O3448 GB to O3448 GD 1 and from Art. 3448 GV to 3448 GZ 1.

3445A SCU CE



Prod. SCU

To dust and clean motors, mechanical parts from any kind of powder and to dry wet parts quickly. In die-cast aluminium. Powerful spray with minimum air consumption. Unified quick coupling.

With standard nozzle.

3445A Each 5,46

3445B SCU CE



Product description as Art. 3445A

With extended straight pipe, length mm 300.

3445B Each 7,18

3445E SCU CE



Product description as Art. 3445A

With safety nozzle.

3445E Each 7,88

3445F SCU CE



Product description as Art. 3445A

With air intensifier (Venturi system).

3445F Each 7,96

10



Orig. Ewo - Art. 269

Industrial.

To dust and clean motors, mechanical parts from any kind of powder and to dry wet parts quickly. Body in forged aluminum, protected against corrosion. Powerful spray with minimum consumption of compressed air. Spout with nozzle 1.5mm.

Unified quick coupling.

3448G Each **21,70**

ewo

3448G



Orig. Ewo - Art. 5269

Industrial type. Air is delivered progressively, by pushing on the lever. Flow adjustment by means of a knurled ring nut. Particularly suitable to dust, clean, dry and cool items that could be damaged in case of a too violent air pressure. The required pressure is regularly delivered. In conformity with safety BIA, BGV, 98/37/E and OSHA standards.

Used in electronics, precision mechanics, food and pharmaceutical fields, etc.

In Alu-elox alloy, protected against corrosion. Powerful spray with minimum consumption of compressed air. Spout with nozzle 1.5mm.

Unified quick coupling.

3448GB Each **46,80**

Spare nozzles 1.5mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GB Each **1,92**

Spare extension 150mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GC Each **10,80**

Spare extension 250mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GC 1 Each **11,30**

Spare extension 400mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GC 2 Each **16,30**

Spare bent extension 150mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GD Each **10,70**

Spare bent extension 250mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GD 1 Each **11,30**

ewo

3448GB



Orig. Ewo - Art. 269

Industrial type. Body in forged aluminium. Powerful spray with minimum consumption of compressed air. Unified quick coupling. Nozzle with SAFETY SILENCER/INTENSIFIER.

3448GE Each **45,60**

For spare nozzles see Art. 3448 GZ 1

ewo

3448GE



Industrial type. Air is delivered progressively, by pushing on the lever. Body in forged aluminium. Powerful spray with minimum consumption of compressed air. Unified quick coupling. With bent barrel, 125mm long, removable, safety nozzle with silencer.

3448GL Each **31,10**

Spare barrel for Art. 3448 GL - 3448 GM - 3448 GT.

O3448GL Each **10,60**

ewo

3448GL



Industrial type. Air is delivered progressively, by pushing on the lever. Flow adjustment by means of a knurled ring nut. Particularly suitable to dust, clean, dry and cool items that could be damaged in case of a too violent air pressure. The required pressure is regularly delivered. In conformity with safety BIA, BGV, 98/37/E and OSHA standards.

Used in electronics, precision mechanics, food and pharmaceutical fields, etc.

Forged aluminum body. Powerful spray with minimum consumption of compressed air. With bent barrel, 125mm long, removable, safety nozzle with silencer.

Unified quick coupling.

3448GM Each **56,10**

For spare barrel, see Art. O3448 GL.

ewo

3448GM



**3448GP****ewo****Orig. Ewo - Art. 470**

Air is delivered progressively, by pushing on the lever.

Body in special indeformable resine, brass inside parts, ergonomic handle. Possible bent extension.

To dust and clean motors, mechanical parts from any kind of powder and to dry wet parts quickly. In Alu-elox alloy, protected against corrosion. Powerful spray with minimum consumption of compressed air. Spout with nozzle 1.5mm.

3448GP Each **16,80**

Spare bent extension 110mm for Art. 3448 GP.

O3448GR Each **5,58****3448GS****ewo**

Industrial model in which air is delivered progressively, by pushing on the lever.

Body in special indeformable resine, brass inside parts. Unified quick coupling.

Nozzle with SAFETY SILENCER/INTENSIFIER.

3448GS Each **39,60**

For spare nozzles see Art. 3448 GZ_1

3448GT**ewo**

Industrial type; air is delivered progressively, by pushing on the lever.

Body in special indeformable resine, brass inside parts. Unified quick coupling.

With bent barrel, 125mm long, removable, safety nozzle with silencer.

3448GT Each **25,80**

For spare barrels see Art. O3448 GL.

3448GTP**ewo****Orig. Ewo - Art. 470-61**

FLAT NOZZLE. In special synthetic resin with 6 air outlet holes. Width 24mm. For guns Art. 3445 - 3448 G - 3448 GB - 3448 GP.

With threaded coupling M 12x1.25.

3448GTP Each **29,30****3448GTR****ewo****Orig. Ewo - Art. 470-84**

DISPENSER NOZZLE. Aluminium body, spout and special synthetic resin ring. Makes it possible to optimally adjust the air outlet, for more accurate jobs, cleaner air, saving and noise reduction.

For handguns. 3445-3448-3448 GB G-3448 GP.

With thread connection M 12 x 1.25.

3448GTR Each **27,70****3448GV****ewo****Orig. Ewo - Art. 269-33**

SILENCER for guns Art. 3445 - 3448 G - 3448 GB - 3448 GP.

Eliminates hissing in outgoing air.

With threaded coupling M 12x1.25.

3448GV Each **4,48****3448GZ****ewo****Orig. Ewo - Art. 269-45**

AIR INTENSIFIER.

Cylindrical type for guns Art. 3445 - 3448 G - 3448 GB - 3448 GP.

With threaded coupling M 12x1.25.

3448GZ Each **7,24****NOZZLES FOR COMPRESSED AIR GUNS****3448GZ 1****ewo****Orig. Ewo - Art. 470**

Nozzle combined with SAFETY SILENCER/INTENSIFIER. Patented unit in light alloy which allows to eliminate air hissing, to increase air power and, with the round-shaped nozzle, to avoid direct contact between output air and the material to be worked. At a pressure of 6 bar it reduces noise from 90 dB to 74 dB approx. Approved by the European safety institutes. Max operating pressure: 16bar. Weight: 20g. Particularly indicated for guns orig. Ewo Art. 3445 - 3448 G - 3448 GB - 3448 GE - 3448 GP - 3448 GS.

Connecting thread M 12x1.25.

3448GZ 1 Each **25,10**



EXTENSIONS FOR PNEUMATIC GUNS

Orig. Ewo - Art. 107

Suitable for all orig. EWO compressed air guns and nozzles. In anodized aluminum with male M 12x1,25 connection and rotating locking ring on one side of the gung and female nozzle connection M 12x1,25 on the other side. Operating pressure up to 10 bar (Atm). Particularly suitable for working in difficult positions or for greater safety and comfort while working.



3448GZA



Straight model.

Length	mm	150	300	450	800
3448GZA	Each	16,20	17,40	22,10	29,50

Product description as Art. 3448GZA

Bent model.

Length	mm	150	300	450	800
3448GZB	Each	16,90	19,90	24,10	31,70



3448GZB



COMPRESSED AIR DUSTING PISTOLS

Prod. SCU

Professional model in which air is delivered progressively, by pushing on the lever. Body in special indeformable resine, brass inside parts, ergonomic handle. Unified quick coupling. With bent barrel of 105mm.



3449A



3449A	Each	8,16
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Professional type. Air is delivered progressively, by pushing on the lever. Body in special indeformable resine, brass inside parts, ergonomic handle. Unified quick coupling.

With bent barrel, 105mm long and spiral pipe, 4m long.



3449A 4



3449A 4	Each	29,90
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Professional model in which air is delivered progressively, by pushing on the lever. Body in special indeformable resine, brass inside parts, ergonomic handle. Unified quick coupling.

With straight barrel of 30mm.



3449B



3449B	Each	13,60
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Product description as Art. 3449B

With straight barrel of 200mm.

3449E	Each	15,50
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Spare silencer for guns 3449 A-B-E.

O3449 1	Each	11,10
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Spare intensifier for guns 3449 A-B-E.

O3449 2	Each	10,70
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3449E



Professional model in which air is delivered progressively, by pushing on the lever. Body in special indeformable resine, brass inside parts, ergonomic handle. Unified quick coupling.

3449H	Each	21,70
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3449H



WASHING PISTOLS

Prod. SCU

For washing with water at medium pressure. Adjustable jet. Nozzle diameter: 2.5mm. Unified quick coupling.

3449L	Each	44,40
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3449L





3454G

**Orig. Ewo - Art. 160**

Professional type.

For washing with water.

Operates at the normal water pressure in the pipe when the 4mm nozzle is fitted. Operates at the pressure of the relevant washing machine when the 2mm nozzle is fitted. These two nozzles are supplied with the gun.

Jet can be adjusted from full to nebulised. Sturdy, precise manufacture, made from solid brass.

Unlimited duration. 1/2" hose connection. Pressure up to 40 bar (Atm). Weight 0.920 Kg.

3454G	Each	108,00
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Spare spouts for Art. 3454 G.

Bore Ø	mm	2	4
O3454G	Each	7,68	7,68

3455GA

**Orig. Ewo - Art. 404**

Heavy-duty Industrial type.

For washing with water.

Particularly indicated for use with washing machines, when the 2mm nozzle (supplied) is fitted. It operates at the normal water pressure in the pipe when the 4 and 6mm nozzles (supplied on request) are fitted. The jet can be adjusted from full to nebulised. Aluminium body, control lever, adjustment ring nut and brass internal components, ergonomic Ultramide shatter-proof grip and guard for the operator's hand. 1/2" hose connection.

Pressure up to 40 bar (Atm). Weight 1.120 Kg.

3455GA	Each	178,00
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Spare spouts for Art. 3455 GA.

Bore Ø	mm	2	4	6
O3455GA	Each	7,68	7,68	7,06

3455GE

**Orig. Ewo - Art. 416**

Industrial model heavy duty and continuous work.

For washing with water.

Thanks to all-aluminium body, soft rubber grip thick, composite lever has reached a considerable weight saving and optimal grip allowing high cost savings effort of the arm and hand. By applying the 2 mm nozzle (supplied) works with the normal pressure of water piping, applying the nozzle 4 mm (on request) the Jet is adjustable from full down to misting. 1/2" rubber coupling.

Pressure up to 25 bar (Atm). Weight 700 Kg.

3455GE	Each	145,00
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Spare nozzle for Art. 3455 GE.

Bore Ø	mm	2	4
O3455GE	Each	8,60	8,60

3455L

**Prod. SCU**

Apt for washing with water and compressed air.

Adjustable jet. Compressed air unified quick coupling 1/4". Water coupling for tube with inside diameter of 18mm. Nickel-plated brass body. Operating pressure: 5-8 bar (Atm).

3455L	Each	63,80
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3455P

**Orig. Ewo - Art. 165**

Industrial type for washing with water and compressed air.

Fine jet adjustment by means of a knurled nut for even delicate washes. Quick compressed air connection for taps (Art. 3480 GA-B-C / 3480 GP-R-S). External G 3/8 threaded connection to water pipes. Forged aluminum body. Operating pressure up to 10 bar (Atm).

3455P	Each	84,00
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HAND PRESSURE GAUGES

3456

**Prod. SCU**

1/10 graduations

Scale 0-12 Atm.

With rubber hose and coupling. Rubber protective cover for manometer.

3456	Each	11,10
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HAND TYRE INFLATOR AND PRESSURE GAUGES
Prod. SCU

With check manometer Ø 63mm.
 Scale 0-12 bar (Atm). 1/10 graduations.
 Rubber protective cover for manometer. Rubber hose with inflation nozzle.
 Unified quick coupling.

3456B Each **16,30**


3456B
Orig. Ewo - Art. 471

model with special resin body reinforced polyamide, polyurethane foam. Lightweight and durable with brass internal parts, ergonomic grip. With fine dosing system, to control the pressure and tire inflation. Precision gauge with rubber, diameter 63 mm, protected against shocks and weatherproof. For pressures from 0-10 bar (Atm). Subdivision 1/10. With unified quick coupling.

With extended shaft and dual function inflating head for cars, motorcycles and bicycles.

3456G Each **110,00**


3456G

Product description as Art. 3456G

With rubber hose and standard inflation nozzle.

3456GA Each **71,10**


3456GA

Product description as Art. 3456G

With rubber hose and nozzle complete with handle and extended rod.

3456GB Each **95,50**


3456GB
Orig. Ewo - Art. 356

Standard safety model to control tyre pressure and inflation. Precision manometer with rubber coating, Ø 63mm.

Shock-proof and weather-proof.

For pressures from 0-10 bar (Atm). 1/10 graduations. Also suitable for inflating with Nitrogen.

Rubber hose with inflation nozzle. Rubber coupling Ø 6mm.

3457G Each **93,80**


3457G
Orig. Ewo - Art. 245

Ergonomic design with body and pressure gauge fully upholstered in solid rubber for added protection.

Lever in sturdy synthetic material reinforced with glass fiber. For checking the pressure and inflating tires. Precision pressure gauge Ø 80 mm.

For pressures from 0-12 bar (Atm). Subdivision 1/10. Also suitable for inflating Nitrogen.

Rubber hose with inflation nozzle.

Quick connection for taps (Art. 3480 GA-B-C / 3480 GP-R-S).

3457GE Each **153,00**


3457GE

**3458GA** **Orig. Ewo - Art. 151**

Reinforced safety model to control tyre pressure and inflation. Precision manometer with rubber coating, Ø 80mm.

Shock-proof and weather-proof.

For pressures from 0-10 bar (Atm). 1/10 graduations. Also suitable for inflating with nitrogen. Rubber hose with inflation nozzle.

Quick coupling for taps (Art. 3480 GA-B-C/3480 GP-R-S).

3458GA Each **174,00**

3458GA 1 

Product description as Art. 3458GA

For pressures from 0-25 bar (Atm). 1/5 graduations. Also suitable for inflating with nitrogen. Rubber hose with inflation nozzle with 90° lever.

Quick coupling for taps (Art. 3480 GA-B-C/3480 GP-R-S).

3458GA 1 Each **200,00**

3458GB
3458GB 1

Product description as Art. 3458GA

For pressures from 0-10 bar (Atm). 1/10 graduations. Also suitable for inflating with nitrogen. Rubber hose with extended inflation nozzle.

Quick coupling for taps (Art. 3480 GA-B-C/3480 GP-R-S-).

3458GB Each **188,00**

Product description as Art. 3458GA

For pressures from 0-25 bar (Atm). 1/5 graduations. Also suitable for inflating with nitrogen. Rubber hose with extended inflation nozzle.

Quick coupling for taps (Art. 3480 GA-B-C/3480 GP-R-S-).

3458GB 1 Each **216,00**

Spare manometers for Art. 3458 GA e B.

O3458GC Each **99,60**

Spare manometer for Art. 3458 GA 1 e B 1.

O3458GC 1 Each **99,60**

3459A **Prod. SCU**

Digital model with 3 digits display (digit height: 12 mm) for checking the pressure and inflating tires. Precision manometer with rubber coating mm Ø 63. Protected against impacts.

For pressures from 0-12 bar (Atm). Subdivision 0.1 bar.

Operation with 2 alkaline batteries 1.5 V AAA (Art. 3600 C), supplied. Device auto-off after 25 sec.

Conversion key between measurement units bar / psi / kg / cm² / kPa.

Rubber hose with inflation nozzle.

Unified quick coupling.

3459A Each **79,10**

3459G **IP54****Orig. Ewo - Art. 152**

Digital model with large display (digit height 15mm), 4 digits, to control tyre pressure and inflation. Precision manometer with rubber coating, Ø 80mm. IP 54 protection against shocks, dust and water-sprays.

For pressures 0-12 bar (Atm). (Max. air inlet pressure 16 bar). 0.05 bar graduations. Also suitable for inflating with nitrogen.

Operated with No.3 lithium batteries (mod. CR 2450) (included). Automatic switch-off after 20 sec. Operating temperature ranging from -10° C to +60° C.

Rubber hose with inflation nozzle.

Quick coupling for taps (Art. 3480 GA-B-C/3480 GP-R-S).

3459G Each **304,00**



Orig. Ewo - Art. 356

Practical, fast and flexible system for checking the pressure and inflating tires; suitable for all types of valves. Formed by a gun, in forged aluminum, with rubber coated pressure gauge Ø 63 mm, protected from impact and bad weather, and a quick coupler for the application of pipes with different inflating heads Art. 3460 GB-C-E-F. For pressures from 0-10 bar (Atm). Subdivision 1/10. Also suitable for inflating nitrogen. Quick connection for taps (Art. 3480 GA-B-C / 3480 GP-R-S).

Only gun without hose and head.

3460GA Each **73,10**



3460GA



Product description as Art. 3460GA

Rubber hose; lever inflation nozzle with spring and quick coupling to gun Art. 3460 GA.

3460GB Each **28,40**



3460GB



Product description as Art. 3460GA

Rubber hose with 90° lever inflation nozzle and quick coupling to gun Art. 3460 GA.

3460GC Each **30,70**



3460GC



Product description as Art. 3460GA

Rubber hose with elongated inflation nozzle and quick coupling to gun Art. 3460 GA.

3460GE Each **46,70**



3460GE



Product description as Art. 3460GA

Inflation nozzle for bicycles and quick coupling for application to the gun Art. 3460 GA.

3460GF Each **12,90**



3460GF



PORTABLE FLOOR-TYRE INFLATOR-TESTER WITH AIR TANK

Prod. SCU

Portable, handy, floor-tyre inflator. Tank capacity 12l with manual or automatic charge. Inflator with manometer, rubber hose, nozzle and safety valve set at 8bar. Weight: 10kg.

Equipment complete with charging valve.

3461 Each **341,00**

Spare gun for Art. 3461.

03461 Each **31,40**



3461





3461G

**Orig. Ewo - Art. 350**

Portable tester with air-tank, handy and very sturdy.

Tank capacity 6l can be charged up to 16 bar (Atm). Relief valve to protect from overcharge. Special inside spring in BERYLLIUM/COPPER grants optimal precision testing also for AZOTE inflation. Can inflate completely 4 car tyres or more if they are to be checked and re-inflated. Manometer in 20° tilted position for easy reading. Scale plate diameter: 160mm.

Condensation is drained with manual valve. Individually tested.

Easy to use.

Inflation handle with double-nozzle rod. Push buttons on the handle to operate the 3 phases:

Check = Insert the rod in the tyre valve and read the manometer.

Inflation = Push the button (+)

Drainage = Push the button (-).

Manometer range: 0-10 bar (Atm)/0-140 PSI with double-nozzle rod, weight 7.1 kg.

Equipment complete with charging valve.

3461G Each **1.160,00****Automatic charge.****Air is charged (with idle equipment) by means of a pipe union placed at the end of the carrying handle. This union between handle and the quick coupling allows automatic charge as far as the necessary operating pressure is reached.**

3461GA



Only charging valve for Art. 3461 G.

3461GA Each **34,10**

3461GB



Spare inflator complete with hose for Art. 3461 G.

3461GB Each **232,00****AIRVISION L COMBINATION AIR TREATMENT UNITS**

3461GL

**Orig. Ewo - Art. 460**

AIRVISION L FILTERS FOR COMPRESSED AIR

Modular model with small dimensions. Supplied with manual drain valve. Polyethylene porous filter 50µm. Polycarbonate unbreakable glass.

Max operating temperature 50 °C.

Drive inch 1/4

Dimensions (A) mm 40

Dimensions (B) mm 110

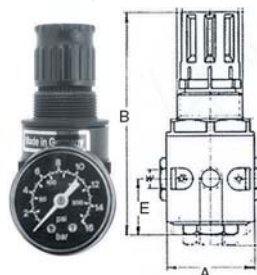
Dimensions (E) mm 11

3461GL Each **27,30****Standard operating pressure: 6 bar (Atm).**

Pair of threaded connection reductions from 1/4 to 1/8 inch for all AIRVISION "L" components from Art. 3461 GL to Art. 3461 GR.

O3461GL Per pair **2,96**

3461GM

**Orig. Ewo - Art. 461**

AIRVISION L REGULATORS COMPRESSED AIR

Modular model with small dimensions. Supplied with manometer. Adjustable from 0.5 to 10 bar (atm). Max operating temperature 50 °C.

Drive inch 1/4

Dimensions (A) mm 40

Dimensions (B) mm 80

Dimensions (E) mm 11

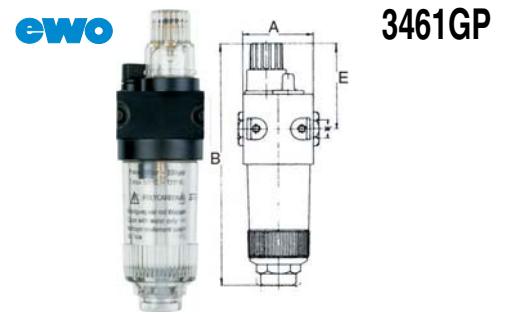
3461GM Each **49,20****Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.**


Orig. Ewo - Art. 462
AIRVISION L LUBRICATORS FOR COMPRESSED AIR

Modular model with small dimensions. With pilot light to check oil falling. Polycarbonate unbreakable glass. Max operating temperature 50 °C.

Drive	inch	1/4
Dimensions (A)	mm	40
Dimensions (B)	mm	135
Dimensions (E)	mm	47
3461GP	Each	32,40

Standard operating pressure: 6 bar (Atm).


Orig. Ewo - Art. 465
AIRVISION L FILTER-REGULATOR-LUBRICATOR COMBINATIONS

Combination of 3 pieces with the same features of the elements Art. 3461 GL-M-P. Adjustable from 0.5 to 10 bar (Atm).

Drive	inch	1/4
Dimensions (A)	mm	120
Dimensions (B)	mm	170
Dimensions (E)	mm	69
3461GP 3	Each	114,00

Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.


Orig. Ewo - Art. 464
AIRVISION L FILTER-REGULATOR-LUBRICATOR COMBINATIONS

Combination of 2 pieces with the same features of the elements Art. 3461 GL-M-P. Adjustable from 0,5 to 10 bar (Atm).

Drive	inch	1/4
Dimensions (A)	mm	80
Dimensions (B)	mm	178
Dimensions (E)	mm	79
3461GP 5	Each	99,10

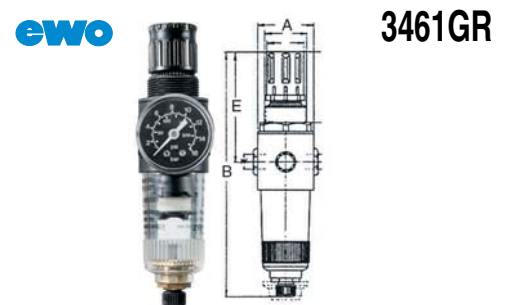
Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.


Orig. Ewo - Art. 463
AIRVISION "L" FILTER-REGULATOR COMBINATIONS

Combination of 1 piece with the same features of the elements Art. 3461 GL-M.

Drive	inch	1/4
Dimensions (A)	mm	40
Dimensions (B)	mm	160
Dimensions (E)	mm	65
3461GR	Each	61,70

Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.


AIRVISION COMBINATION AIR TREATMENT UNITS
Orig. Ewo - Art. 445-7445
AIRVISION FILTERS FOR COMPRESSED AIR

Modular model with small dimensions, to be used alone or as a spare part for combinations Art. 3462 GP-T-V. Supplied with manual drain valve. Polyethylene porous filter 50µm. Body in metal alloy (zinc/cast iron). Polycarbonated unbreakable glass. Max operating temperature 50°C.

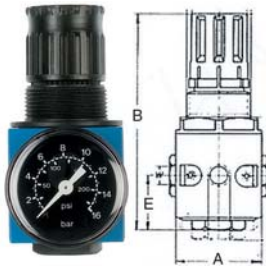
Drive	inch	1/8	1/4	3/4
Dimensions (A)	mm	40	40	70
Dimensions (B)	mm	120	120	215
Dimensions (E)	mm	25	25	35
3462GA	Each	45,70	45,70	143,00

**Standard operating pressure: 6 bar (Atm).
Size inch 3/4 running out of stock.**





3462GE



Orig. Ewo - Art. 444-7444

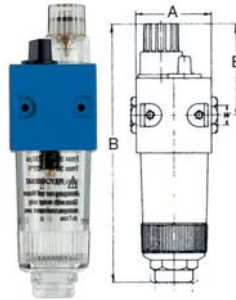
AIRVISION REGULATORS FOR COMPRESSED AIR

Modular model with small dimensions, to be used alone or as a spare part for combinations Art. 3462 GP-T-V. Body in metal alloy (zinc/cast iron). Supplied with manometer. Adjustable from 0.5 to 10 bar (Atm). Max operating temperature 50 °C.

Drive	inch	1/8	1/4
Dimensions (A)	mm	40	40
Dimensions (B)	mm	90	90
Dimensions (E)	mm	25	25
3462GE	Each	61,10	61,10

Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.

3462GH



Orig. Ewo - Art. 446-7446

AIRVISION LUBRICATORS FOR COMPRESSED AIR

Modular model with small dimensions, to be used alone or as a spare part for combinations Art. 3462 GP-T. With pilot light to check oil falling.

Body in metal alloy (zinc/cast iron). Polycarbonate unbreakable glass.

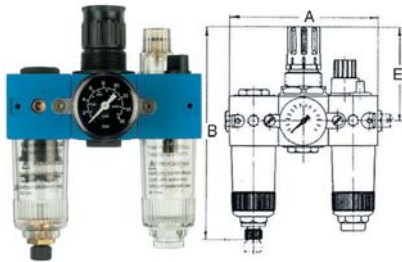
Max operating temperature 50 °C.

Drive	inch	1/8	1/4	1
Dimensions (A)	mm	40	40	70
Dimensions (B)	mm	140	140	230
Dimensions (E)	mm	50	50	65
3462GH	Each	49,80	49,80	147,00

Standard operating pressure: 6 bar (Atm).

Size inch 1 running out of stock.

3462GP



Orig. Ewo - Art. 450-7450

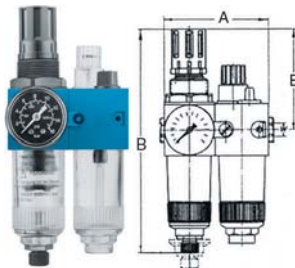
AIRVISION FILTER-REGULATOR-LUBRICATOR COMBINATIONS

Combination of 3 pieces with the same features of the elements Art. 3462 GA-E-H.

Drive	inch	1/8	1/4	3/4
Dimensions (A)	mm	120	120	210
Dimensions (B)	mm	160	160	274
Dimensions (E)	mm	65	65	100
3462GP	Each	171,00	171,00	509,00

Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.

3462GT



Orig. Ewo - Art. 449-7449

AIRVISION FILTER-REGULATOR-LUBRICATOR COMBINATIONS

Combination of 2 pieces with the same features of the elements Art. 3462 GA-E-H.

Drive	inch	1/8	1/4
Dimensions (A)	mm	80	80
Dimensions (B)	mm	160	160
Dimensions (E)	mm	65	65
3462GT	Each	137,00	137,00

Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.

3462GV



Orig. Ewo - Art. 443-7443

"AIRVISION" FILTER-REGULATOR COMBINATIONS

Combination of 1 piece with the same features of the elements Art. 3462 GA-E.

Drive	inch	1/8	1/4	1
Dimensions (A)	mm	40	40	70
Dimensions (B)	mm	160	160	270
Dimensions (E)	mm	65	65	100
3462GV	Each	79,90	79,90	255,00

Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.

Size inch 1 running out of stock.

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COMBIBLOC PROFESSIONAL COMBINATION AIR TREATMENT UNITS

Orig. Ewo - Art. 423

PATENTED SINGLE-BLOCK COMBINATIONS OF FILTER-REGULATOR-LUBRICATOR

New patented system, very compact.

Technology and quality components allow to filter, reduce and lubricate air by means of a very small combination.

Glass in sturdy transparent polycarbonate, unbreakable, coupled on a single line.

With lubricator pilot light.

Adjustable from 1 to 16 bar (Atm).

With manometer from 0 to 25 bar (Atm).

Porous filter in sintered bronze 50-75 µm.

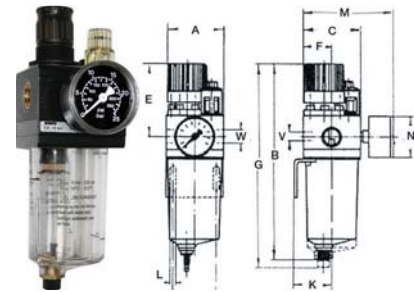
Operating pressure range: 0 °C +50 °C.

Condensation manual drain valve.

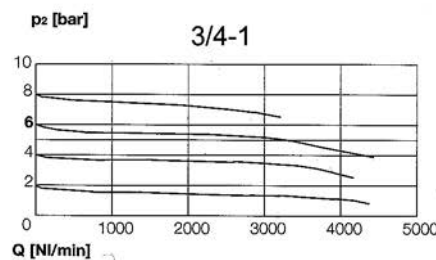
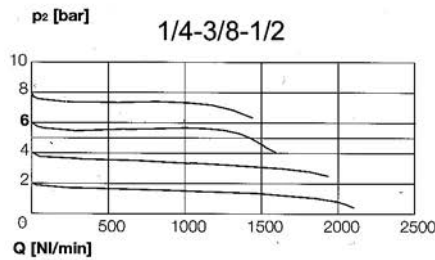
Drive	inch	1/4	3/8	1/2	3/4	1
3463GA	Each	190,00	190,00	190,00	293,00	293,00



3463GA



3463GA-GB - Quantità di flusso d'aria Q



Misure in mm

Da	1/4-3/8-1/2	3/4-1
A	66	93
B**	200	295
C	69	96
E	65	105
F	34,5	48
G**	220	325
J	82	112
K	43	61
L	6,5	9
M	105	135

** con scarico automatico +10mm

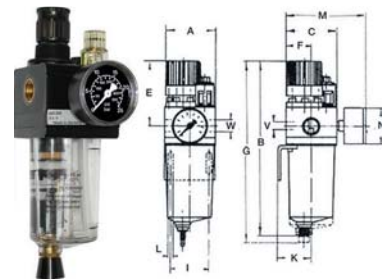
Product description as Art. 3463GA

Condensation automatic drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GB	Each	225,00	225,00	225,00	327,00	327,00



3463GB



SPARE PARTS AND ACCESSORIES FOR ART 3463 GA-B

Spare glasses with manual valve.

Size		1	2
For drive groups	inch	1/4-3/8-1/2	3/4-1
3463GF	Each	35,10	63,60



3463GF



Product description as Art. 3463GF

Spare glasses with automatic valve inside the glass.

Size		1	2
For drive groups	inch	1/4-3/8-1/2	3/4-1
3463GL	Each	45,50	72,20



3463GL



Product description as Art. 3463GF

Metal guards.

Size		1	2
For drive groups	inch	1/4-3/8-1/2	3/4-1
3463GP	Each	19,80	29,90



3463GP



Product description as Art. 3463GF

Brackets complete with screws.

Type		1	2
3463GPE	Each	7,40	13,50



3463GPE





VARIOBLOC FILTERS FOR COMPRESSED AIR

3463GS



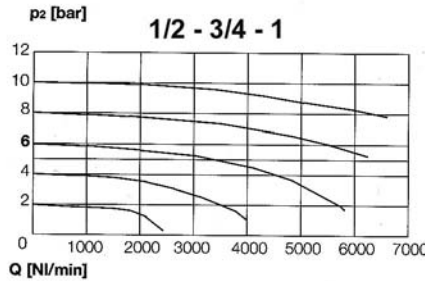
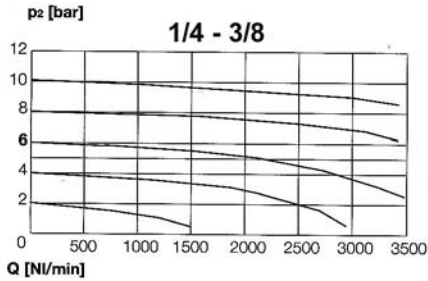
Orig. Ewo - Art. 482

New modular filter which can be used alone or as a spare part for combinations Art. 3464 GC - 3464 GCA. Can be supplied either with manual or automatic drain valve. Porous filter in polyethylene 40µm. Metal glass, quick-release, which can stand high temperatures up to 80 °C and stronger pressures up to 20bar. Condensation manual drain valve.



Drive	inch	1/4	3/8	1/2	3/4	1
3463GS	Each	96,10	96,10	139,00	139,00	188,00

3463GS-GSA-GSP-GSPA - Quantità di flusso d'aria Q



Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	48	70	125
B**	158	202	202
C	48	70	70
E	22	26	26
F	24	35	35
H	32	44	44
J	43	62	62
K	14,5	18	18
L	4,4	5,4	5,4

** con scarico automatico +10mm

3463GSA



Product description as Art. 3463GS
Condensation automatic drain valve.



Drive	inch	1/4	3/8	1/2	3/4	1
3463GSA	Each	130,00	130,00	173,00	173,00	222,00

3463GSP



The newly designed modular filter, can be used individually or as part of the Art groups. 3464 GCP - 3464 GCPA. Can be supplied in version with manual or automatic discharge. Porosity of polyethylene filter 40 µm. Glass in sturdy polycarbonate, unbreakable, with quick release, to withstand temperatures up to 50° C and at pressures up to 16 bar.



With manual condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GSP	Each	54,60	54,60	91,30	91,30	141,00

3463GSPA



Product description as Art. 3463GSP
With automatic condensation drain.



Drive	inch	1/4	3/8	1/2	3/4	1
3463GSPA	Each	88,70	88,70	126,00	126,00	175,00

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VARIOBLOC REGULATORS FOR COMPRESSED AIR

Orig. Ewo - Art. 481

New concept modular regulator, can be used individually or as a spare part for units Art. 3463GZ - 3463GZA - 3463GZP - 3463GZPA - 3464 GC - 3464 GCA - 3464 GCP - 3464 GCPA - 3464GF - 3464GFA - 3464GFP - 3464GFPA.

Maximum working pressure 25 bar.

Pressure gauge scale from 0 to 16 bar (Atm). Adjustable from 1 to 10 bar (Atm).

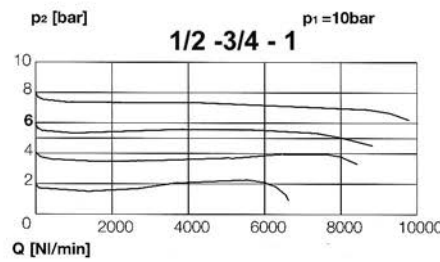
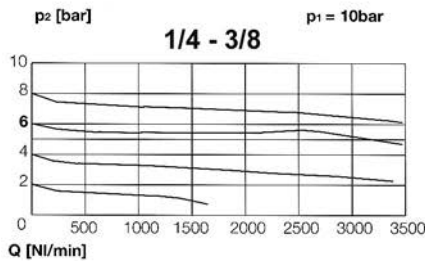
Working temperature up to 50 °C.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GT	Each	78,70	78,70	113,00	113,00	162,00



3463GT

3463GT - Quantità di flusso d'aria Q



Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	48	70	125
B	98	134	134
C	48	70	70
D	28	39	39
E	68	98	98
F	24	35	35
H	26	33	33
I	M30x1,5	M42x1,5	M42x1,5
J	43	62	62
K	14,5	18	18
L	4,4	5,4	5,4
M	84	106	106
N	40	50	50
V	G1/4	G1/4	G1/4

VARIOBLOC LUBRICATORS FOR COMPRESSED AIR

Orig. Ewo - Art. 483

New modular lubricator which can be used alone or as a spare part for the combinations Art.

3464 GC - 3464 GCA - 3464 GF - 3464 GFA.

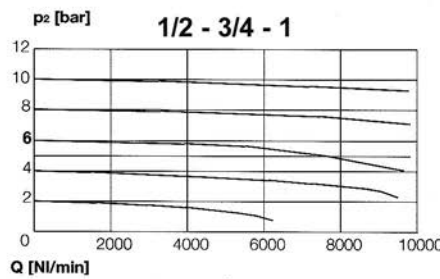
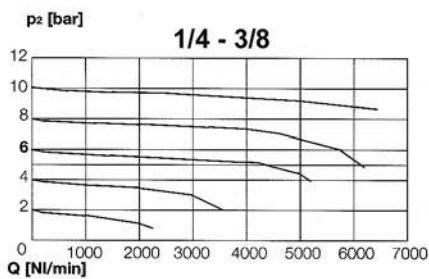
Metal glass, quick-release, which can stand very aggressive synthetic oils, high temperatures up to 80 °C and stronger pressures up to 20bar. With metal oil regulator.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GV	Each	130,00	130,00	173,00	173,00	222,00



3463GV

3463GV-GVP - Quantità di flusso d'aria Q



Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	48	70	125
B**	171	224	224
C	48	70	70
D	22	22	22
E	52	57	57
F	24	35	35
H	32	44	44
J	43	62	62
K	14,5	18	18
L	4,4	5,4	5,4

Newly designed modular Lubricator for use individually or as part of the Art. 3464 GCP - 3464 GCPA - 3464 GFP - 3464 GFPA.

Glass in sturdy polycarbonate, unbreakable, with quick release, to withstand temperatures up to 50° C and at pressures up to 16 bar. With polycarbonate oil dispenser.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GVP	Each	66,60	66,60	103,00	103,00	152,00



3463GVP



VARIOBLOC COMBINATION AIR TREATMENT UNITS

3463GZ

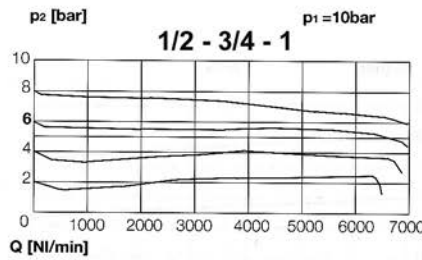
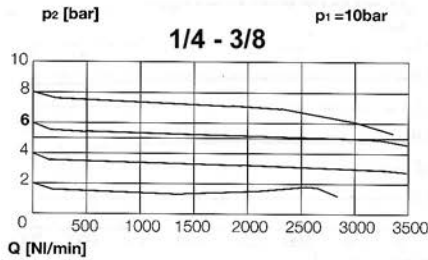


Orig. Ewo - Art. 480

Coaxial filter-regulator combination, according to the new Variobloc technique.
 Can be used alone or as a spare part of combinations
 Art. 3464 GF - 3464 GFA.
 Can be supplied with manual or automatic condensation drain valve.
 Porous filter in polyethylene μm 40.
 Metal glass, quick-release, which can stand high temperature up to 80 °C and higher pressures up to 20 bar.
 Manometer range: 0-16 bar (Atm).
 Adjustable from 1 to 10 bar (Atm).
 Manual condensation drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GZ	Each	149,00	149,00	217,00	217,00	266,00

3463GZ-GZA-GZP-GZPA - Quantità di flusso d'aria Q



Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	48	70	125
B**	203	273	273
C	48	70	70
D	28	39	39
E	68	98	98
F	24	35	35
H	32	44	44
I	M30x1,5	M42x1,5	M42x1,5
J	43	62	62
K	14,5	18	18
L	4,4	5,4	5,4
M	84	106	106
N	40	50	50
V	G1/4	G1/4	G1/4

** con scarico automatico +10mm

3463GZA



Product description as Art. 3463GZ
 Automatic condensation drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GZA	Each	183,00	183,00	251,00	251,00	300,00

3463GZP



Coaxial reducer-filter groups according the Variobloc European technique.
 Can be used individually or as part of the groups
 Art. 3464 GFP-3464 GFPA.
 Can be supplied in version with manual or automatic discharge of condensate.
 Porosity of polyethylene filter 40 μm .
 Glass in sturdy polycarbonate, unbreakable, with quick release, to withstand temperatures up to 50° C and at pressures up to 16 bar.
 Pressure gauge with scale from 0 to 16 bar (Atm).
 Adjustment capacity from 1 to 10 bar (Atm).
 With manual condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GZP	Each	108,00	108,00	170,00	170,00	220,00

3463GZPA



Product description as Art. 3463GZP
 With automatic condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GZPA	Each	142,00	142,00	204,00	204,00	253,00

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VARIOBLOC COMBINATION AIR TREATMENT UNITS

Orig. Ewo - Art. 489

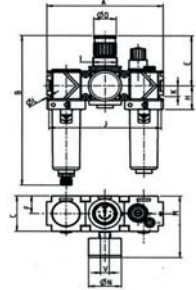
3-pieces combination. New modular combination with small overall dimensions. Technique and components materials grant the best performances for air filtering-regulation and lubrication. Filter, regulator and nebulizer are assembled in the order indicated by the arrows printed on the unit. Metal glass, quick-release, which can stand very aggressive synthetic oils, temperatures up to 50°C and stronger pressures up to 20bar. With metal oil regulator. Manometer range: 0-16 bar (Atm). Adjustable from 1 to 10 bar (Atm). Porous filter in polyethylene 40µm.

Manual condensation drain valve.

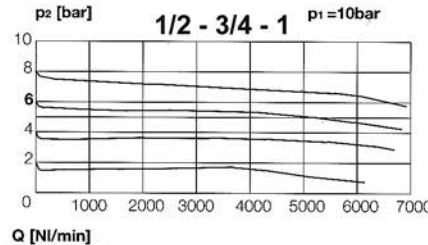
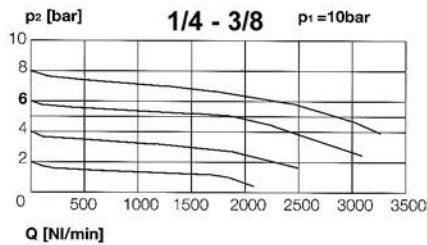
Drive	inch	1/4	3/8	1/2	3/4	1
3464GC	Each	318,00	318,00	450,00	450,00	499,00

ewo

3464GC



3464GC-GCA-GCP-GCPA - Quantità di flusso d'aria Q



Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	144	210	265
B**	203	273	273
C	48	70	70
D	28	39	39
E	68	98	98
F	24	35	35
H	32	44	44
I	M30x1,5	M42x1,5	M42x1,5
J	139	194	194
K	14,5	18	18
L	4,4	5,4	5,4
M	84	106	106
N	40	50	50
V	G 1/4	G 1/4	G 1/4

** con scarico automatico +10mm

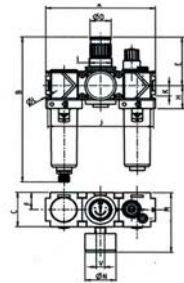
Product description as Art. 3464GC

Automatic condensation drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GCA	Each	353,00	353,00	484,00	484,00	533,00

ewo

3464GCA



Groups of 3 units. Newly developed modular construction with reduced dimensions.

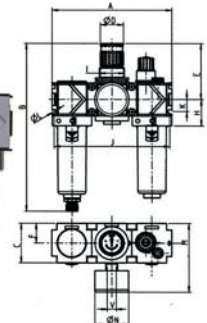
The technique and materials of the components ensures the best performance-reducing and filtering air lubrication. Filter, regulator and lubricant are installed in the order indicated by arrows imprinted on the group. Polycarbonate tumblers, unbreakable, with quick release, to withstand temperatures up to 50° C and at pressures up to 16 bar. With polycarbonate oil dispenser. Pressure gauge with scale from 0 to 16 bar (Atm). Adjustment capacity from 1 to 10 bar (Atm). Porosity of polyethylene filter 40 µm.

With manual condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GCP	Each	215,00	215,00	332,00	332,00	381,00

ewo

3464GCP



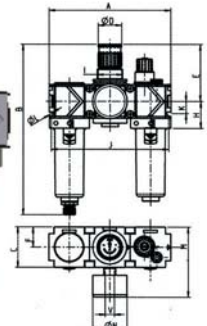
Product description as Art. 3464GCP

With automatic condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GCPA	Each	249,00	249,00	370,00	370,00	419,00

ewo

3464GCPA





3464GF



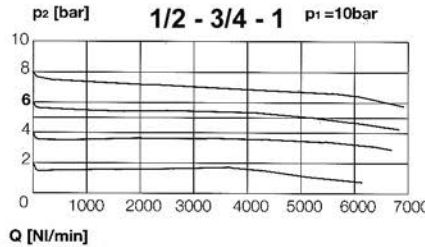
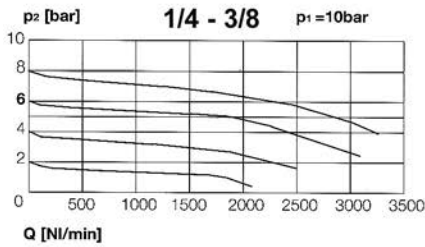
Orig. Ewo - Art. 488

2-pieces combination. Compact model for small places. New modular combination. Metal glass, quick-release, which can stand very aggressive synthetic oils, temperatures up to 50°C and stronger pressures up to 20 bar. Metal oil regulator. Manometer range: 0-16 bar (Atm). Adjustable from 1 to 10 bar (Atm). Porous filter in polyethylene 40µm.

Manual condensation drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GF	Each	286,00	286,00	396,00	396,00	445,00

3464GF-GFA-GFP-GFPA - Quantità di flusso d'aria Q



Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	96	140	195
B**	203	273	273
C	48	70	70
D	28	39	39
E	68	98	98
F	24	35	35
H	32	44	44
I	M30x1,5	M42x1,5	M42x1,5
J	91	132	132
K	14,5	18	18
L	4,4	5,4	5,4
M	84	106	106
N	40	50	50
V	G1/4	G1/4	G1/4

** con scarico automatico +10mm

3464GFA



Product description as Art. 3464GF

Automatic condensation drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GFA	Each	320,00	320,00	430,00	430,00	479,00

3464GFP



Groups of 2 units. Compact model for the exploitation of spaces. Newly developed modular construction. Sturdy glasses polycarbonate, unbreakable, quick-release, for temperatures up to 50° C and pressures up to 16 bar. With polycarbonate oil dispenser.

Pressure gauge with scale from 0 to 16 bar (Atm). Adjustment capacity from 1 to 10 bar (Atm). Porosity of polyethylene filter 40 µm.

With manual condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GFP	Each	182,00	182,00	285,00	285,00	334,00

3464GFPA



Product description as Art. 3464GFP

With automatic condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GFPA	Each	216,00	216,00	319,00	319,00	368,00



Orig. Ewo - Art. 480

SPARE PARTS AND ACCESSORIES FOR VARIOBLOC SYSTEM (Art. 3463 GA-B excluded)

Spare metal glasses for filters with manual valve with connection 1/4-3/8 inches.

3464GR 1 Each **63,80**



3464GR 1

Product description as Art. 3464GR 1

Spare polycarbonate glasses for filters with manual valve, 1/4-3/8 inch coupling.

3464GR 1P Each **21,50**



3464GR 1P

Product description as Art. 3464GR 1

Spare metal glasses for filters with manual valve with connection 1/2-3/4-1 inches.

3464GR 2 Each **77,20**



3464GR 2

Product description as Art. 3464GR 1

Spare polycarbonate glasses for filters with manual valve, 1/2-3/4-1 inch coupling.

3464GR 2P Each **28,10**



3464GR 2P

Product description as Art. 3464GR 1

Spare metal glasses for filters with automatic valve with connection 1/4-3/8 inches.

3464GR 3 Each **98,10**



3464GR 3

Product description as Art. 3464GR 1

Spare polycarbonate glasses for filters with automatic internal valve, 1/4-3/8 inch coupling.

3464GR 3P Each **55,70**



3464GR 3P

Product description as Art. 3464GR 1

Spare metal glasses for filters with automatic valve with connection 1/2-3/4 inches.

3464GR 4 Each **112,00**



3464GR 4

Product description as Art. 3464GR 1

Spare polycarbonate glasses for filters with automatic internal valve, 1/2-3/4-1 inch coupling.

3464GR 4P Each **62,40**



3464GR 4P

N.B. For external valves with automatic discharge, see Art. 3468 GV.



3464GR 5 ewo



Orig. Ewo - Art. 483

Product description as Art. 3464GR 1

Spare metal glasses for lubricators connection 1/4-3/8 inches.

3464GR 5	Each	58,10
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3464GR 5P ewo



Product description as Art. 3464GR 1

Spare polycarbonate glasses for lubricators, 1/4-3/8 inch coupling.

3464GR 5P	Each	15,80
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3464GR 6 ewo



Product description as Art. 3464GR 1

Spare metal glasses for lubricators with connection 1/2-3/4-1 inches.

3464GR 6	Each	72,10
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3464GR 6P ewo

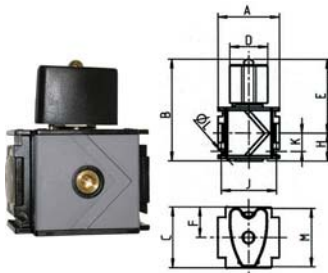


Product description as Art. 3464GR 1

Spare polycarbonate glasses for lubricators, 1/2-3/4-1 inch coupling.

3464GR 6P	Each	22,80
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3464GRA ewo



Orig. Ewo - Art. 487

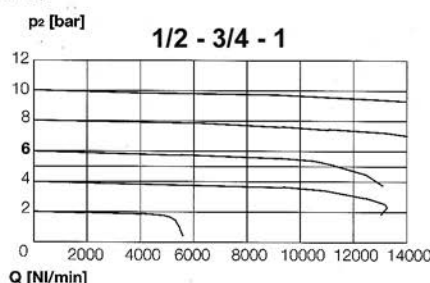
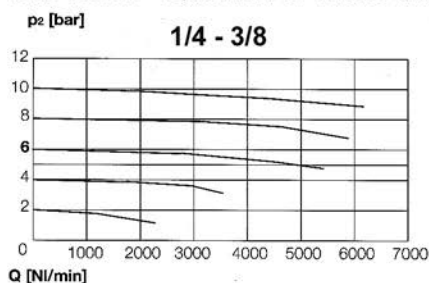
Product description as Art. 3464GR 1

Manual air drain valve. Max operating pressure: 25 bar. Ideal for draining the remaining air from compressed-air circuits.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GRA	Each	61,10	61,10	91,50	91,50	133,00

On demand, DRAIN ELECTROVALVES, PROGRESSIVE STARTERS AND AIR DISTRIBUTORS WITH OR WITHOUT CHECK VALVE.

3464GRA - Quantità di flusso d'aria Q



Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	48	70	125
B	80	92	92
C	48	70	70
D	30	30	30
E	58	64	64
F	24	35	35
H	22	28	28
J	43	62	62
K	14,5	18	18
L	4,4	5,4	5,4
M	45	45	45

10



Orig. Ewo - Art. 480

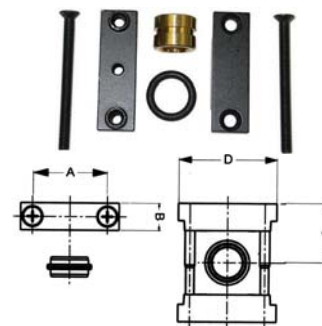
Product description as Art. 3464GR 1

Sets of modular COMPACT joints with gaskets.

Drive	inch	1/4	3/8	1/2	3/4-1
Dimensions (A)	mm	30,4	30,4	41,6	41,6
Dimensions (B)	mm	11	11	16	16
Dimensions (C)	mm	24	24	29	29
Dimensions (D)	mm	40	40	52	52
3464GRE	Each	5,62	9,48	11,10	11,10



3464GRE



Product description as Art. 3464GR 1

Sets of modular COMPACT joints with gaskets and wall bracket.

Drive	inch	1/4	3/8	1/2	3/4-1
Dimensions (A)	mm	75	75	110	110
Dimensions (B)	mm	19	19	16	16
Dimensions (C)	mm	35	35	55	55
Dimensions (D)	mm	90	90	130	130
Dimensions (E)	mm	6,5	6,5	6,5	6,5
Dimensions (F)	mm	12	12	9,5	9,5
3464GRF	Each	10,70	10,70	20,40	20,40



3464GRF



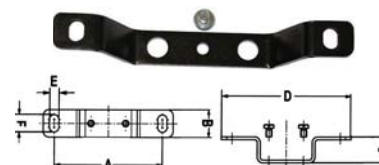
Product description as Art. 3464GR 1

Wall brackets for modular COMPACT joints.

Type		1	2
Drive	inch	1/4-3/8	1/2-3/4-1
Dimensions (A)	mm	75	110
Dimensions (B)	mm	16	16
Dimensions (C)	mm	14	26
Dimensions (D)	mm	90	130
Dimensions (E)	mm	6,5	6,5
Dimensions (F)	mm	9,5	9,5
3464GRL	Each	5,16	9,56



3464GRL



Orig. Ewo - Art. 443

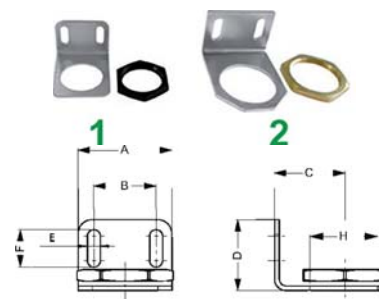
Product description as Art. 3464GR 1

Brackets complete with nuts to mount gearboxes and assemblies to the base of the adjustment ring.

Type		1	2
Drive	inch	1/4-3/8	1/2-3/4-1
Dimensions (A)	mm	40	55
Dimensions (B)	mm	26,5	35
Dimensions (C)	mm	30	42,5
Dimensions (D)	mm	30	40
Dimensions (E)	mm	5,5	7
Dimensions (F)	mm	16	20
Dimensions (H)	mm	30,5	43
3464GRT	Each	7,58	12,60



3464GRT



Orig. Ewo - Art. 480

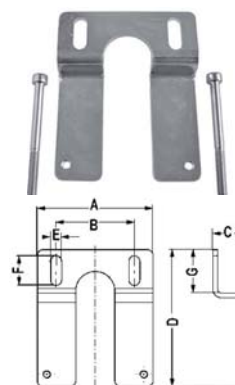
Product description as Art. 3464GR 1

Brackets complete with screws to mount gearboxes, filters, lubricators and assemblies.

Type		1	2
Dimensions (A)	mm	50	74
Dimensions (B)	mm	34	50
Dimensions (C)	mm	15	20
Dimensions (D)	mm	71	88
Dimensions (E)	mm	5,5	7
Dimensions (F)	mm	16	19
Dimensions (G)	mm	25	28
3464GRV	Each	15,10	15,90



3464GRV





EWO TOP PROFESSIONAL COMBINATION AIR TREATMENT UNITS

3465G



Orig. Ewo - Art. 333-334

FILTER - REGULATOR - LUBRICATOR COMBINATION

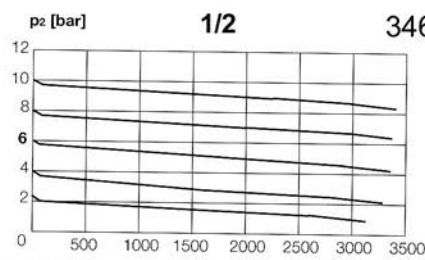
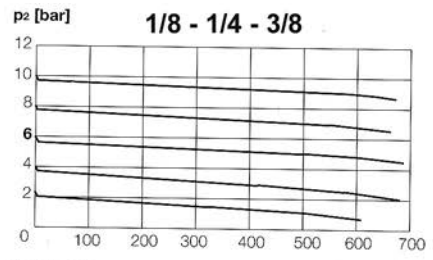
Product which is high-qualified for its material and for the fine working of all its details. These combinations grant constant filtering and lubrication both at high and low pressures. They are installed upstream of the pneumatic circuit. Filter, regulator and lubricator must be assembled in the order indicated by the arrows printed on the body. They supply downstream clean dry air, at the right pressure and appropriately lubricated.

Adjustable from 0.5 to 10 bar (Atm). Glasses in sturdy, unbreakable transparent plastic.

Drive	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2
Series		klein	klein	klein	mittel	gross	gross	max	max
Gauge Ø	mm	50	50	50	63	63	63	63	63
Filter porosity	micron	50/75	50/75	50/75	50/75	50/75	50/75	50/75	50/75
Lubricant content	cc	40	40	40	135	360	360	360	360
3465G	Each	206,00	206,00	206,00	333,00	882,00	882,00	1.430,00	1.430,00

On demand: metal glasses and metal oil regulators.

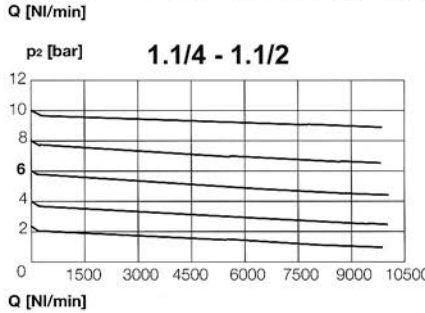
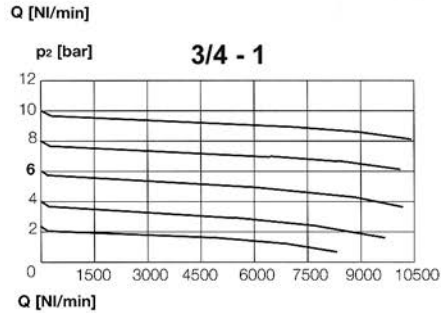
Available on request GROUPS AND COMPONENTS for compressed air in STAINLESS STEEL AISI 316.



3465G - Quantità di flusso d'aria Q

Misure in mm

Da	1/8-1/4-3/8	1/2	3/4
A	196	281	426
B	197	274	382
C	51	55	58
D	135	172	206
E	67	85	130
Da	1	1.1/4	1.1/2
A	426	426	426
B	370	382	370
C	58	58	58
D	206	206	206
E	130	130	130



3465GA



Orig. Ewo - Art. 322

SPARE PARTS AND ACCESSORIES FOR ART. 3465 G

Filter with manual condensation drain valve.

Drive	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
3465GA	Each	55,20	55,20	55,20	104,00	278,00	278,00	397,00
Drive	inch	1.1/2						
3465GA	Each	397,00						

On demand: metal glasses.

3465GB



Orig. Ewo - Art. 323-280

Product description as Art. 3465GA

Regulator.

Drive	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
3465GB	Each	80,20	80,20	80,20	115,00	319,00	319,00	578,00
Drive	inch	1.1/2						
3465GB	Each	578,00						

On demand: spare manometers.

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Prices in EURO . VAT not included



Orig. Ewo - Art. 327-300

Product description as Art. 3465GA

Lubricator.

Drive	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
3465GC	Each	61,20	61,20	61,20	105,00	251,00	251,00	391,00
Drive	inch	1.1/2						
3465GC	Each	393,00						

On demand: metal glasses and metal oil regulators.



3465GC

Orig. Ewo

Product description as Art. 3465GA

Filter glass.

Drive	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
3465GD 1	Each	21,30	21,30	21,30	36,50	72,70	72,70	72,70
Drive	inch	1.1/2						
3465GD 1	Each	72,70						



3465GD 1

Orig. Ewo

Product description as Art. 3465GA

Lubricator glass.

Drive	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
3465GD 2	Each	15,30	15,30	15,30	29,50	64,20	64,20	64,20
Drive	inch	1.1/2						
3465GD 2	Each	64,20						



3465GD 2

Orig. Ewo

Product description as Art. 3465GA

Metal guard with ring for Art. 3465 GD 1-2.

Drive	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
3465GE	Each	39,20	39,20	39,20	55,20	109,00	109,00	109,00
Drive	inch	1.1/2						
3465GE	Each	109,00						



3465GE

Orig. Ewo

Product description as Art. 3465GA

Nipples.

Drive	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
3465GF	Each	2,74	2,92	3,10	3,94	9,98	16,50	26,10
Drive	inch	1.1/2						
3465GF	Each	26,10						



3465GF

FILTER WITH AUTOMATIC DRAIN VALVE

Orig. Ewo - Art. 370

Differently from other traditional filters, this filter automatically drains liquid and oil impurities.

Collection glass in transparent plastic.

Unbreakable, resistant up to 50°C.

Sintered bronze filter with porosity 50/75 Micron.

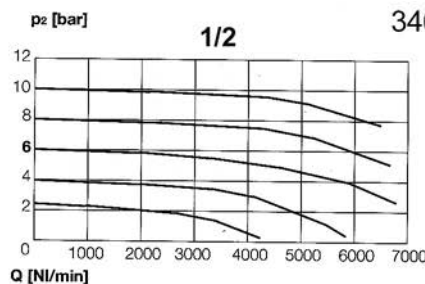
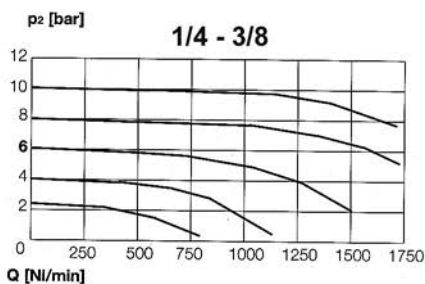
Drive	inch	1/4	3/8	1/2
Dimensions (A)	mm	56	56	87
Dimensions (B)	mm	57	57	80
Dimensions (C)	mm	19	19	24
Dimensions (D)	mm	225	225	261
Series		klein	klein	mittel
3468G	Each	130,00	130,00	178,00

For spare glass see Art. 3465 GD 1.
Standard operating pressure 6bar (Atm).



3468G

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3468G - Quantità di flusso d'aria Q

Misure in mm

	1/4	3/8	1/2
Da	1/4	3/8	1/2
A	56	56	87
B	57	50	80
C	19	19	24
D	225	225	262



AUTOMATIC DRAIN VALVES

3468GP



Orig. Ewo - Art. 441

Automatic condensation drain valve to be installed inside the air filters glass with hole Ø 14mm and hexagon guide 19mm. One size for all the EWO filter dimensions. Body in brass and synthetic material Ø 24mm. Min/max operating pressure: 1/12 bar (Atm).

3468GP Each **40,70**

3468GV



Orig. Ewo - Art. 5370

External automatic drain valves made of metal. One size for all the combinations COMBIBLOC - VARIOBLOC - EWO TOP. Min/max operating pressure 4/16 bar (Atm). To be screwed on the filter glass in place of the manual valve.

3468GV Each **84,80**

MINI LUBRICATORS

3469E



Orig. Ewo - Art. 317.10

Mini-lubricators to be connected directly to the compressed air tools. Small. Oil level visible. Aluminium alloy body and polycarbonate container. Working pressure: approx. 6 bar (Atm). Working temperature: 0°/50°C. Contents: 5.5 cm³ oil with viscosity VG 32 (Art. 1730 G). Inner/outer connection. 1/4 GAS.

3469E Each **18,70**

3469G



Orig. Ewo

Mini-lubricators to be connected directly on pen-shaped or handled tools which work at rhythmical impulses. Characterised by small dimensions and light weight. Oil lever is visible. Adjustable oil flow.

In aluminium, with polycarbonate glass. Nebulising and regulating components made of brass. Operating pressure: 6bar (Atm) approx. Operating temperature range: 0°/50 °C. Content: 12 cm³ of oil with viscosity VG 32 (Art. 1730 G). Regulation: 0.4 cm³ per 100 pulses approx.

Drive	inch	1/4	3/8
Supplier code		317.12	317.14
3469G	Each	55,10	55,10

FILTERS FOR COMPRESSED AIR UP TO 40 BAR

3470GT



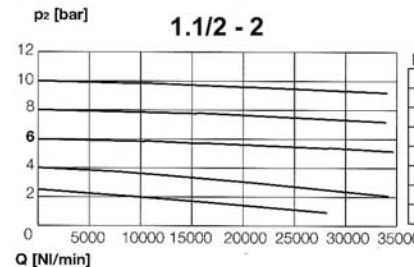
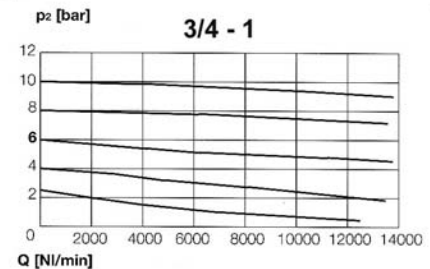
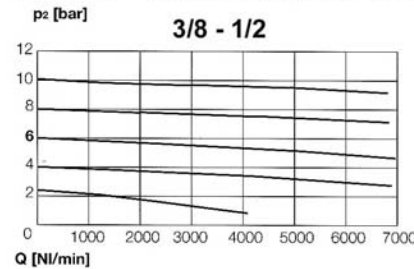
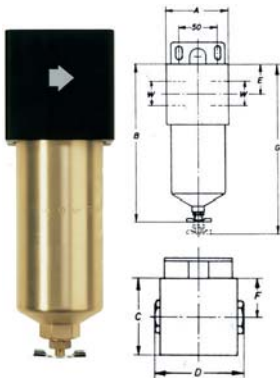
Orig. Ewo - Art. 445-454

Modular type for very high pressures up to 40 bar. Apt for filtering, upstream, the air of circuits. Sintered brass filter, aluminium body, brass glass. Manual drain valve. Supplied with test certification.

Drive	inch	3/8	1/2	3/4	1	1.1/2	2
3470GT	Each	234,00	234,00	271,00	271,00	1.060,00	1.060,00

Available on request purifier filters for compressed air up to 60 BAR fitting 3/4-1 inches.

3470GT - Quantità di flusso d'aria Q



Misure in mm	3/8	1/2	3/4	1	1.1/2	2
A	62	62	80	80	140	140
B	200	200	210	210	285	285
C	62	62	80	80	140	140
D	70	62	92	80	160	140
E	30	30	45	45	42,5	42,5
F	31	31	40	40	70	70
G	250	250	285	285	350	350

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Prices in EURO . VAT not included



REGULATORS FOR COMPRESSED AIR UP TO 40 BAR

Orig. Ewo - Art. 280

For very high input pressures up to actual 40 bar. Apt for regulating, upstream, the pressure of compressed air. With manometer. Adjustable output pressure from 0.5 to 25 bar.

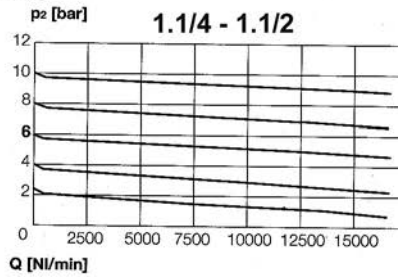
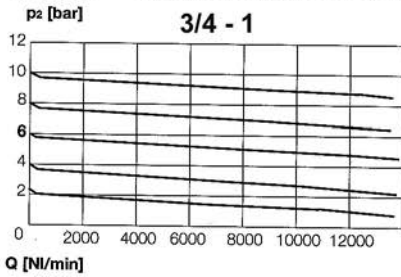


3471G

Drive	inch	3/4	1	1.1/4	1.1/2
3471G	Each	319,00	319,00	578,00	578,00

Compressed air pressure regulators for up to 60 BAR, 1 inch drive, available on request.

3471G - Quantità di flusso d'aria Q



Misure in mm

Da	3/4	1	1.1/4	1.1/2
A	116	116	116	116
B	95	83	128	114
C	41	41	50	50
D	175	175	190	190

Orig. Ewo - Art. 417

For very high input pressures up to actual 40 bar. Apt for regulating, upstream, the pressure of compressed air. With 2 manometers. Adjustable output pressure from 0.5 to 25 bar.

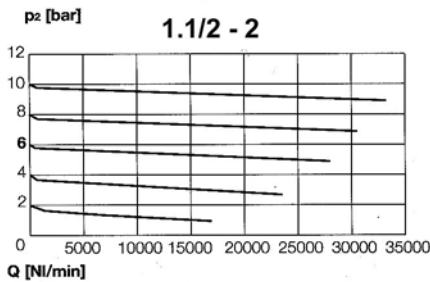


3471GP

Drive	inch	1.1/2	2
3471GP	Each	1.010,00	1.010,00

Available on request reducers supplied for compressed air up to 60 BAR fitting 1 inch.

3471GP - Quantità di flusso d'aria Q



Misure in mm

Da	1,1/2	2
A	180	160
C	78	78
D	170	170



LUBRICATORS FOR COMPRESSED AIR UP TO 25 BAR

Orig. Ewo - Art. 457

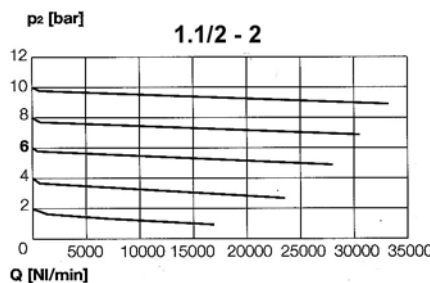
For very high pressures up to 25 bar. Oil can be refilled also under pressure. Aluminium body, glass and oil regulator made of metal and resistant to very aggressive synthetic oils, high temperatures up to 80°C and strong pressures up to 25 bar.



3471GT

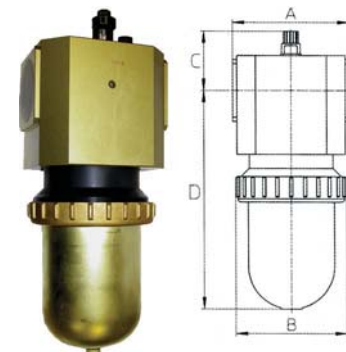
Drive	inch	1.1/2	2
Dimensions (A)	mm	140	140
Dimensions (B)	mm	140	140
Dimensions (C)	mm	72	72
Dimensions (D)	mm	360	360
3471GT	Each	1.100,00	1.100,00

3471GT - Quantità di flusso d'aria Q



Misure in mm

Da	1,1/2	2
A	140	140
B	140	140
C	72	72
D	360	360





3472G



Orig. Ewo - Art. 391

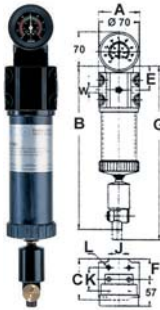
High-performance silencer for maximum capacity and silentness of air draining. Metal body with internal, polyester filter. Axial one-direction air output to grant the operators' safety. Easy to remove and washable with gasoline.

Operating temperature from -10 °C to +90 °C. Max counterpressure : 6 bar.

Drive	inch	1/2	3/4	1	1.1/4	1.1/2	2
Level of noiselessness	dB	88	88	88	89	91	92
3472G	Each	74,50	79,10	115,00	118,00	194,00	197,00

FILTERS AT MAXIMUM PURIFICATION EWOBLOC SYSTEM

3473GA



Orig. Ewo - Art. 429

High qualified product for extreme filtering of compressed air up to total purification. Used where standard filters are not sufficient any more. Body in special aluminium alloy with surface protection against corrosion. Differential manometer indicates pressure drop in the filter. Double scale with range from 0 to 2 bar. Combinations of 3 different types of internal filters are available to suit the different needs of air purification. Each combination can also be integrated with another one for higher filtering.

1-PIECE FILTER COMBINATION

1-piece combination with internal filter in sintered polyethylene for filtering solid particles over 2 µm.

Particularly indicated as a pre-filter in installations for compressed air and gas in general. With automatic drain valve and manometer.

Drive	inch	1/4	3/8	1/2	3/4	1
3473GA	Each	473,00	473,00	528,00	528,00	700,00

For spare drain valves see Art. 3468 GV.

Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	83	83	118
B	335	405	420
C	83	83	118
E	57	57	72
F	41,5	41,5	59
G**	410	550	430
J	40	40	70
K	48	48	80
L	M6	M6	M8
Peso g	2.100	2.300	4.800

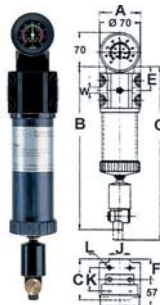
** Con spazio necessario per cambio cartuccia

3473GA - Quantità di flusso d'aria Q

Quantità di flusso d'aria Q
in Nm3 (Nl/min) misurato ad una pressione = 6 bar
ed una pressione differenziale di 0,05 bar

Da	1/4-3/8	1/2-3/4	1
Q	60 (1000)	120 (2000)	180 (3000)

3473GB



Orig. Ewo - Art. 430

Product description as Art. 3473GA

1-PIECE FILTER COMBINATION

1-piece combination with internal filter in borosilicate for filtering aerosols and solid particles over 0.01 µm.

Particularly indicated for painting installations, sandblasting, decompression installations, measure instruments and machines, air-conditioning, technical air and production process. With automatic drain valve and manometer.

Drive	inch	1/4	3/8	1/2	3/4	1
3473GB	Each	473,00	473,00	528,00	528,00	700,00

For spare drain valves see Art. 3468 GV.

Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	83	83	118
B	335	405	420
C	83	83	118
E	57	57	72
F	41,5	41,5	59
G**	410	550	430
J	40	40	70
K	48	48	80
L	M6	M6	M8
Peso g	2.100	2.300	4.800

** Con spazio necessario per cambio cartuccia

3473GB - Quantità di flusso d'aria Q

Quantità di flusso d'aria Q
in Nm3 (Nl/min) misurato ad una pressione = 6 bar
ed una pressione differenziale di 0,1 bar

Da	1/4-3/8	1/2-3/4	1
Q	78 (1300)	120 (2000)	245 (4080)

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Orig. Ewo - Art. 431

High qualified product for extreme filtering of compressed air up to total purification. Used where standard filters are not sufficient any more. Body in special aluminium alloy with surface protection against corrosion. Combinations of 3 different types of internal filters are available to suit the different needs of air purification. Each combination can also be integrated with another one for higher filtering.

1-PIECE FILTER COMBINATION

1-piece combination with internal filter in activated carbon for absorbing liquids which produce vapours.

Particularly indicated for food and packaging industry, drink production, air breathed out from organisms, pressure chambers, medicine, dentists.

Drive	inch	1/4	3/8	1/2	3/4	1
3473GC	Each	279,00	279,00	334,00	334,00	505,00

Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	83	83	118
B	245	315	330
C	83	83	118
E	57	57	72
F	41,5	41,5	59
G**	320	460	440
J	40	40	70
K	48	48	80
L	M6	M6	M8
Peso g	1.890	2.090	4.590

** Con spazio necessario per cambio cartuccia



3473GC



3473GC - Quantità di flusso d'aria Q

Quantità di flusso d'aria Q in Nm3 (NI/min) misurato ad una pressione = 6 bar ed una pressione differenziale di 0,12 bar

Da	1/4-3/8	1/2-3/4	1
Q	30 (500)	60 (1000)	90 (1500)

Orig. Ewo - Art. 432

High qualified product for extreme filtering of compressed air up to total purification. Used where standard filters are not sufficient any more. Body in special aluminium alloy with surface protection against corrosion. Differential manometer indicates pressure drop in the filter. Double scale with range from 0 to 2 bar. Combinations of 3 different types of internal filters are available to suit the different needs of air purification. Each combination can also be integrated with another one for higher filtering.

2-PIECES FILTER COMBINATION

Combination of filters Art. 3473 GA and 3473 GB. Complete.

Drive	inch	1/4	3/8	1/2	3/4	1
3473GE	Each	961,00	961,00	1.080,00	1.080,00	1.430,00

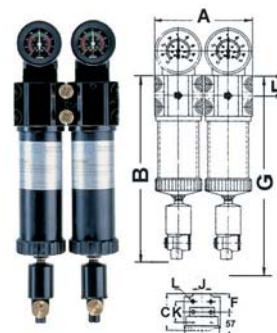
Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	166	166	236
B	335	405	420
C	83	83	118
E	57	57	72
F	41,5	41,5	59
G**	410	550	430
J	40	40	70
K	48	48	80
L	M6	M6	M8
Peso g	4.200	4.600	9.600

** Con spazio necessario per cambio cartuccia



3473GE



3473GE - Quantità di flusso d'aria Q

Quantità di flusso d'aria Q in Nm3 (NI/min) misurato ad una pressione = 6 bar ed una pressione differenziale di 0,1 bar

Da	1/4-3/8	1/2-3/4	1
Q	78 (1300)	120 (2000)	245 (4080)

Orig. Ewo - Art. 433

Product description as Art. 3473GE

2-PIECES FILTER COMBINATION

Combination of filters Art. 3473 GB and 3473 GC. Complete.

Drive	inch	1/4	3/8	1/2	3/4	1
3473GF	Each	767,00	767,00	877,00	877,00	1.240,00

Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	166	166	236
B	335	405	420
C	83	83	118
E	57	57	72
F	41,5	41,5	59
G**	410	550	430
J	40	40	70
K	48	48	80
L	M6	M6	M8
Peso g	3.990	4.390	9.390

3473GF - Quantità di flusso d'aria Q

Quantità di flusso d'aria Q in Nm3 (NI/min) misurato ad una pressione = 6 bar ed una pressione differenziale di 0,12 bar

Da	1/4-3/8	1/2-3/4	1
Q	30 (500)	60 (1000)	90 (1500)

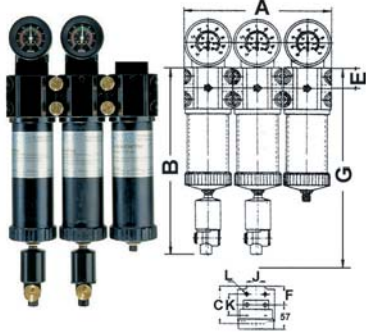


3473GF





3473GL **ewo**



Orig. Ewo - Art. 434

3-PIECES FILTER COMBINATION

Combination of 3 filters Art. 3473 GA - 3473 GB - 3473 GC.

Complete.

Drive	inch	1/4	3/8	1/2	3/4	1
3473GL	Each	1.270,00	1.270,00	1.430,00	1.430,00	1.960,00

Misure in mm

Da	1/4-3/8	1/2-3/4	1
A	166	166	236
B	335	405	420
C	83	83	118
E	57	57	72
F	41,5	41,5	59
G**	410	550	430
J	40	40	70
K	48	48	80
L	M6	M6	M8
Peso g	6.090	6.690	14.190

3473GL - Quantità di flusso d'aria Q

Quantità di flusso d'aria Q
in Nm³ (NI/min) misurato ad una pressione = 6 bar
ed una pressione differenziale di 0,12 bar

Da	1/4-3/8	1/2-3/4	1
Q	30 (500)	60 (1000)	90 (1500)

3473GP 1 **ewo**



Orig. Ewo - Art. 429

SPARE FILTERS FOR FILTER COMBINATIONS ART. 3473 GA-B-C-E-F-L.

In sintered polyethylene for groups with connection 1/4 - 3/8.

3473GP 1	Each	93,50
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3473GP 2 **ewo**



Product description as Art. 3473GP 1

In sintered polyethylene for groups with connection 1/2 - 3/4.

3473GP 2	Each	113,00
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3473GP 3 **ewo**



Product description as Art. 3473GP 1

In sintered polyethylene for groups with connection 1.

3473GP 3	Each	145,00
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3473GR 1 **ewo**



Orig. Ewo - Art. 430

Product description as Art. 3473GP 1

In borosilicate for groups with connection 1/4 - 3/8.

3473GR 1	Each	93,50
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3473GR 2 **ewo**



Product description as Art. 3473GP 1

In borosilicate for combinations with connection 1/2 - 3/4.

3473GR 2	Each	113,00
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3473GR 3 **ewo**



Product description as Art. 3473GP 1

In borosilicate for combinations with connection 1.

3473GR 3	Each	145,00
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3473GS 1 **ewo**



Orig. Ewo - Art. 431

Product description as Art. 3473GP 1

In activated carbon for groups with connection 1/4 - 3/8.

3473GS 1	Each	93,50
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Product description as Art. 3473GP 1
In activated carbon for groups with connection 1/2 - 3/4.

3473GS 2 Each **113,00**



3473GS 2

Product description as Art. 3473GP 1
In activated carbon for groups with connection 1.

3473GS 3 Each **145,00**



3473GS 3

Orig. Ewo - Art. 5429
SPARE MANOMETERS FOR FILTER COMBINATIONS ART. 3473 GA-B-E-F-L.
Diameter: 48mm (one size for all combinations).

3473GT Each **141,00**



3473GT

Orig. Ewo - Art. 429
SPARE FIXING BRACKETS FOR FILTER COMBINATIONS ART. 3473 GA-B-C-E-F-L.
For groups with connection 1/4 - 3/8 - 1/2 - 3/4.

3473GV 1 Each **12,10**

Product description as Art. 3473GV 1
For groups with connection 1.

3473GV 2 Each **15,10**



3473GV 1
3473GV 2

NYLON CABLE TIES

Prod. SCU
In nylon 6/6 resistant to atmospheric agents, chemicals and self-extinguishing.
Highly resistant to tearing, for any type of cable.
White ties are marked by the letter B.
Black ties are marked by the letter N.
Width: 2.5mm. Package unit of 100pcs not sold separately.

Overall length	mm	75B	75N	100B	100N	135B	135N	160B	160N
3473H	Pack	1,22	1,22	1,06	1,06	1,82	1,82	2,46	2,46
Overall length	mm	200B	200N						
3473H	Pack	2,58	2,58						

Product description as Art. 3473H
Width: 3.6mm. Package unit of 100pcs not sold separately.

Overall length	mm	140B	140N	200B	200N	280B	280N	360B	360N
3473L	Pack	2,52	2,52	3,86	3,86	5,78	5,78	8,22	8,22

Product description as Art. 3473H
Width: 4.8mm. Package unit of 100pcs not sold separately.

Overall length	mm	160B	160N	200B	200N	250B	250N	280B	280N
3473M	Pack	4,50	4,50	4,82	4,82	6,30	6,30	8,00	8,00
Overall length	mm	360B	360N	430B	430N	530B	530N		
3473M	Pack	9,68	9,68	14,60	14,60	20,60	20,60		

Product description as Art. 3473H
Width: 7.5mm. Package unit of 100pcs not sold separately.

Overall length	mm	180B	180N	240B	240N	280B	280N	360B	360N
3473P	Pack	11,30	11,30	13,30	13,30	15,50	15,50	18,80	18,80
Overall length	mm	450B	450N	540B	540N	750B	750N		
3473P	Pack	28,90	30,40	38,30	40,40	48,20	50,40		

Product description as Art. 3473H
Width: 9mm. Package unit of 100pcs not sold separately.

Overall length	mm	430B	430N	550B	550N	780B	780N		
3473PE	Pack	35,10	36,80	41,40	43,80	57,50	60,80		

Product description as Art. 3473H
Width: 12.5mm. Package unit of 50pcs not sold separately.

Overall length	mm	250B	250N	500B	500N	750B	750N	1000B	1000N
3473PF	Pack	17,60	18,50	28,60	30,20	36,70	38,50	53,80	56,40



3473H
3473L
3473M
3473P
3473PE
3473PF



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REUSABLE NYLON CABLE TIES

3473PS **SCU** **CE**



Prod. SCU
7-packages assorted set of 6/6 nylon cable ties.
Colour BLACK.
The set consists of:
No.1 cable ties pliers Art. 3473 T
No.1 package per type, tape width 2.5mm Art. 3473 H 75N - 100N
No.1 package per type, tape width 3.6mm, Art. 3473 L 140N - 200N
No.1 package per type, tape width 4.8mm, Art. 3473 M 200N - 250N - 280N.
In plastic case.

3473PS	Each	108,78
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3473PT **SCU** **CE**



Product description as Art. 3473PS
Colour WHITE.
The set consists of:
No.1 cable ties pliers Art. 3473 T
No.1 package per type, tape width 2.5mm, Art. 3473 H 75B - 100B
No.1 package per type, tape width 3.6mm, Art. 3473 L 140B - 200B
No.1 package per type, tape width 4.8mm, Art. 3473 M 200B - 250B - 280B.
In plastic case.

3473PT	Each	108,78
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NYLON CABLE TIES WITH STAINLESS STEEL CATCH

3473RA
3473RB
3473RF
3473RL

SCU **CE**



Prod. SCU
With stainless steel catch which grants a big load. Cable tie body in nylon 6/6 resistant to atmospheric agents, chemicals and self-extinguishing, with SMOOTH surface for more flexibility and resistant to tearing.
Ideal for cables in the more advanced technological sectors, i.e. naval, aeronautical, transport, electrical, etc. White ties are marked by the letter B. Black ties are marked by the letter N.

Width: 2.5mm. Max load: 18N. Package unit of 100pcs not sold separately.

Overall length	mm	100B	100N	200B	200N
3473RA	Pack	4,58	4,80	12,80	13,30

Product description as Art. 3473RA

Width: 3.5mm. Max load: 28N. Package unit of 100pcs not sold separately.

Overall length	mm	140B	140N	200B	200N	280B	280N
3473RB	Pack	6,80	7,08	13,20	13,80	24,40	25,60

Product description as Art. 3473RA

Width: 4.5mm. Max load: 40N. Package unit of 100pcs not sold separately.

Overall length	mm	200B	200N	290B	290N	360B	360N
3473RF	Pack	18,10	18,90	34,40	36,10	39,10	40,90

Product description as Art. 3473RA

Width: 7.5mm. Max load: 80N. Package unit of 50pcs not sold separately.

Overall length	mm	220B	360B	360N
3473RL	Pack	16,60	30,00	31,60

Size mm 220B running out of stock.

REUSABLE NYLON CABLE TIES

3473S **SCU** **CE**



Prod. SCU
Reusable cable tie with release lock. In nylon 6/6 resistant to atmospheric agents, chemicals and self-extinguishing. Highly resistant to tearing, for any kind of cable.
White ties are marked by the letter B.
Black ties are marked by the letter N.

Band length: 7.6mm. Package unit of 100pcs not sold separately.

Overall length	mm	150B	150N	200B	200N	250B	250N	300B
3473S	Pack	17,50	17,50	21,50	21,50	26,80	26,80	30,70
Overall length	mm	300N	370B	370N				
3473S	Pack	30,70	36,40	36,40				

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Prices in EURO . VAT not included



NYLON CABLE TIES

Prod. SCU

Reusable, with simple lock up to 180mm, with double line lock starting from 265mm.
In nylon 12, particularly resistant to atmospheric agents, chemicals and self-extinguishing. Highly resistant to tearing, for any kind of cable.
Colour: black.

Package unit of 100pcs not sold separately.

Overall length	mm	115	175	180	265	360	500	750
Width	mm	6	6	9	9	9	9	9
3473SE	Pack	12,20	14,80	18,40	29,10	41,30	80,60	108,00

SCU

CE 3473SE



CABLE TIES PLIERS

Prod. SCU

Professional manual model to clamp and cut.
In painted steel, for cable ties up to 9.5mm of width.

Overall length	mm	180
3473T	Each	70,40

SCU

3473T



Professional automatic model with adjustable traction to clamp and cut.
In sturdy, synthetic material, operating parts in steel. For cable ties of 2.5 - 4.8mm of width.

Overall length	mm	165
3473V	Each	57,80

SCU

3473V



Industrial automatic model with adjustable traction to clamp and cut. For continuous use.
Completely made of steel. For cable ties of 2.2 - 4.8mm of width.

Overall length	mm	165
3473VE	Each	102,00

SCU

3473VE



NYLON CABLE TIES CUTTERS

Prod. SCU

Model with special-shaped blades to cut Nylon cable-ties without damaging the tight cables.
High shear force, special steel blades, hardened, plastic-coated handles, spring and latch.

For clamps up to width	mm	10
Overall length	mm	150
3473VR	Each	21,70

SCU

3473VR



BAND, NYLON CABLE TIES

Prod. SCU

Band cable ties for clamping any diameter. In nylon 6/6 resistant to atmospheric agents, chemicals and self-extinguishing. Highly resistant to tearing. To be used together with clamping clips Art. 3473 Z/40 and 3473 Z/70. No special tool is required for stretching and clamping. Clips and band are reusable. Colour: black.

Band width: 4mm. In packages of 25m, not sold separately.

3473Z 4	Pack	22,90
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Product running out of stock.

SCU

3473Z 4



Product description as Art. 3473Z 4
Band width: 7mm. In packages of 20m, not sold separately.

3473Z 7	Pack	26,20
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Product running out of stock.

SCU

3473Z 7





3473Z 40 SCU



CLIPS FOR ART. 3473 Z/4 - 3473 Z/7
In nylon 6/6. Colour: black.
For band with width: 4mm. In packages of 200pcs, not sold separately.

3473Z 40	Pack	21,80
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Product running out of stock.

3473Z 70 SCU



Product description as Art. 3473Z 40
For band with width: 7mm. In packages of 100pcs, not sold separately.

3473Z 70	Pack	21,60
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Product running out of stock.

INOX CABLE TIES

3473ZE SCU



Prod. SCU
Self-locking type, completely made of stainless steel 304, W4.
Great tear strength, for any type of wiring.
Width 4.6 mm, thickness 0.28 mm.
Tensile strength 90 Kg.
Package unit: 100 pcs.

Overall length	mm	201	259	360	520	679	838	1067
Ø max use	mm	50	69	102	152	203	254	305
3473ZE	Pack	155,00	166,00	178,00	225,00	310,00	372,00	464,00

3473ZF SCU



Product description as Art. 3473ZE
Width 7.9 mm, thickness 0.46 mm.
Tensile strength 136 Kg.
Package unit: 100 pcs.

Overall length	mm	201	259	360	520	679	838	1067
Ø max use	mm	50	69	102	152	203	254	305
3473ZF	Pack	171,00	175,00	186,00	271,00	384,00	446,00	545,00

3473ZG SCU
new



Hand tools suitable for pulling and cutting the INOX clamps Art. 3473 ZE - ZF. Operating parts in steel. Grips in non-slip rubber material.
Length: 200 mm.

3473ZG	Each	319,00
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HOSE CLAMPS

3474A SCU



Prod. SCU
Completely made of zinc-coated steel, perforated band.
Width: 9mm.

Capacity	mm	25-45	32-52
3474A	Each	0,20	0,22

Product running out of stock.

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DIN 3017 type with band and housing made from stainless steel INOX 430, galvanised screw highly resistant to oxidation. Embossed band, rounded, raised edges. 7mm hex screw.

Width: 9mm. Driving torque: 4.5Nm

Capacity	mm	8-12	8-16	12-20	16-25	20-32	25-40	32-50
3474BN	Each	0,40	0,42	0,42	0,46	0,48	0,50	0,54
Capacity	mm	40-60	50-70	60-80	70-90	80-100	90-110	100-120
3474BN	Each	0,60	0,64	0,70	0,74	0,78	0,86	0,86
Capacity	mm	110-130						
3474BN	Each	0,86						

SCU

INOX 3474BN



DIN 3017 type with band and housing made from stainless steel INOX 430, W 2, galvanised screw extremely resistant to oxidation. Embossed band, rounded, raised edges. 7mm hex screw. Width 12mm. Locking torque Nm 6.

Capacity	mm	16-27	20-32	25-40	30-45	32-50	40-60	50-70
3474CN	Each	0,76	0,76	0,76	0,84	0,84	0,84	0,88
Capacity	mm	60-80	70-90	80-100	90-110	100-120	110-130	120-140
3474CN	Each	1,30	1,40	1,50	1,56	1,58	1,62	1,76
Capacity	mm	130-150	140-160	150-170	160-180	170-190	180-200	
3474CN	Each	1,80	1,84	1,84	1,86	2,06	2,24	

SCU

INOX 3474CN



DIN 3017 type, made entirely from stainless steel INOX 304, W 4. Embossed band, rounded, raised edges. 7mm hex screw.

Width: 9mm. Driving torque: 4.5Nm

Capacity	mm	8-12	8-16	12-20	16-25	20-32	25-40	32-50
3474EN	Each	0,90	0,94	0,96	1,06	1,10	1,16	1,22
Capacity	mm	40-60	50-70	60-80	70-90	80-100	90-110	100-120
3474EN	Each	1,28	1,34	1,40	1,46	1,52	1,60	1,66
Capacity	mm	110-130						
3474EN	Each	1,78						

SCU

INOX 3474EN



Product description as Art. 3474EN

Width 12mm. Locking torque Nm 6.

Capacity	mm	16-27	20-32	25-40	30-45	32-50	40-60	50-70
3474FN	Each	1,26	1,30	1,30	1,38	1,50	1,50	1,54
Capacity	mm	60-80	70-90	80-100	90-110	100-120	110-130	120-140
3474FN	Each	1,88	2,00	2,12	2,40	2,50	2,50	2,60
Capacity	mm	130-150	140-160	150-170	160-180	170-190	180-200	
3474FN	Each	2,74	2,82	2,92	3,02	3,60	3,96	

SCU

INOX 3474FN



Model DIN 3017, 316 stainless steel, W 5. Drawn band, rounded edges and raised. Screw with Hexagon mm 7.

Width 9mm. Locking torque 4.5 Nm.

Suitable for the food, maritime, petrochemical sector etc.

Capacity	mm	8-12	8-16	12-20	16-25	20-32	25-40	32-50
3474G	Each	1,24	1,28	1,32	1,46	1,50	1,58	1,66
Capacity	mm	40-60	50-70	60-80	70-90	80-100		
3474G	Each	1,76	1,84	1,94	2,02	2,10		

SCU

INOX 3474G



Product description as Art. 3474G

Width 12mm. Locking torque 6 Nm.

Suitable for the food, maritime, petrochemical sector etc.

Capacity	mm	16-27	20-32	25-40	30-45	32-50	40-60	50-70
3474H	Each	2,08	2,14	2,24	2,24	2,36	2,48	2,60
Capacity	mm	60-80	70-90	80-100	90-110	100-120	110-130	120-140
3474H	Each	2,96	3,10	3,24	3,36	3,48	3,62	3,76
Capacity	mm	130-150	140-160	150-170	160-180	170-190	180-200	
3474H	Each	3,86	3,98	3,98	4,22	4,22	4,22	

SCU

INOX 3474H



Collar type.

In W1 galvanized steel, band in one smooth unit, round esges.

Width: 9mm. Ensure a low driving torque. Suitable for automotive industry, household appliances, gas system components, etc.

Capacity	mm	7-9	8-10	9-11	10-12	11-13	12-14	13-15
3474L	Each	0,34	0,34	0,34	0,34	0,34	0,34	0,34
Capacity	mm	14-16	15-17	16-18	17-19	18-20	19-21	
3474L	Each	0,34	0,34	0,34	0,34	0,34	0,34	

SCU

3474L





KEYS FOR CLAMPS

3474LG

SCU



Prod. SCU

For frequent clamping, non-heavy applications. For hose clamps Art. 3474 BN - CN - EN - FN - L as well for any hose clamp with hexagonal screw, opening 7mm.

HOSE CLAMP PLASTIC KEYS

3474LG	Each	0,66
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HOSE CLAMPS WITH RUBBER

3474M

SCU



Prod. SCU

Type in W1 galvanized steel, smooth band with raised edges and hex-end screw. The bolt is directly fixed on the threaded barrel, therefore collars can be tighten with electric or pneumatic screwdrivers.

Ensure high clamping capacities. To be employed in agriculture, building, hydraulic sectors, etc.

Capacity Ø	mm	23-25	26-28	29-31	32-35	36-39	40-43	44-47
Screw	M	6	6	6	6	6	6	6
Belt width x thickness	mm	20x0,6	20x0,6	20x0,6	20x0,6	20x0,6	20x0,6	22x0,8
3474M	Each	1,34	1,34	1,38	1,44	1,80	1,86	1,86
Capacity Ø	mm	48-51	52-55	56-59	60-63	64-67	68-73	74-79
Screw	M	6	6	6	6	6	8	8
Belt width x thickness	mm	22x0,8	22x0,8	22x0,8	22x0,8	22x0,8	22x0,8	22x0,8
3474M	Each	1,88	1,90	1,92	1,98	2,02	2,12	2,16
Capacity Ø	mm	80-85	86-91	92-97	98-103	104-112	113-121	122-130
Screw	M	8	8	8	8	8	8	8
Belt width x thickness	mm	24x0,8	24x0,8	24x0,8	24x0,8	24x0,8	24x0,8	24x0,8
3474M	Each	2,24	2,28	2,32	2,36	2,42	2,72	3,76
Capacity Ø	mm	131-139	140-148	149-161	162-174	175-187	188-200	
Screw	M	10	10	10	10	10	10	
Belt width x thickness	mm	26x1	26x1	26x1	26x1	26x1	26x1	
3474M	Each	3,84	3,96	4,14	4,18	4,30	4,58	

When the stocks will be run out we will provide the steel version INOX 430, W2.

3474ME

SCU



INOX

Type made entirely from stainless steel INOX 304, W 4. Smooth band with raised edges and hex screw. The bolt is directly fixed on the threaded barrel, so that collars can be tightened with electric or pneumatic screwdrivers.

Ensure high clamping capacities. Particularly suitable for nautical and food sectors.

Capacity Ø	mm	23-25	26-28	29-31	32-35	36-39	40-43	44-47
Screw	M	6	6	6	6	8	8	8
Belt width x thickness	mm	21x0,8	21x0,8	21x0,8	21x0,8	21x0,8	21x0,8	21x0,8
3474ME	Each	3,60	3,60	3,60	3,60	5,98	6,02	6,08
Capacity Ø	mm	48-51	52-55	56-59	60-63	64-67	68-73	74-79
Screw	M	8	8	8	8	8	8	8
Belt width x thickness	mm	21x0,8	21x0,8	21x0,8	21x0,8	21x0,8	24x1,2	24x1,2
3474ME	Each	6,12	6,16	6,26	6,30	6,34	6,40	6,44
Capacity Ø	mm	80-85	86-91	92-97	98-103	104-112	113-121	122-130
Screw	M	8	8	8	8	8	8	8
Belt width x thickness	mm	24x1,2	24x1,2	24x1,2	24x1,2	24x1,2	24x1,2	24x1,5
3474ME	Each	6,50	6,58	6,66	6,72	6,76	6,82	6,86
Capacity Ø	mm	131-139	140-148	149-161	162-174	175-187	188-200	
Screw	M	8	8	8	8	8	8	
Belt width x thickness	mm	26x1,5	26x1,5	26x1,5	26x1,5	26x1,5	26x1,5	
3474ME	Each	6,98	7,08	7,18	7,26	7,36	7,50	

BAND, HOSE CLAMPS

3474PA

SCU



Prod. SCU

Assorted sets of No. 100 hose clamps Art. 3474 BN, in practical case Art. 2083 T 10. Empty compartments are provided to allow the customer to add new items to his set.

The set consists of:

- 20 hose clamps Art. 3474 BN 8-12
- 30 hose clamps Art. 3474 BN 10-16
- 20 hose clamps Art. 3474 BN 12-20
- 20 hose clamps Art. 3474 BN 16-25
- 10 hose clamps Art. 3474 BN 20-32.

Complete set.

3474PA	Each	54,60
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Assorted sets of No. 50 hose clamps Art. 3474 CN, in practical case Art. 2083 T 12.

Composition:

- 17 hose clamps Art. 3474 CN 16-27
 - 5 hose clamps Art. 3474 CN 20-32
 - 5 hose clamps Art. 3474 CN 25-40
 - 10 hose clamps Art. 3474 CN 32-50
 - 10 hose clamps Art. 3474 CN 40-60
 - 3 hose clamps Art. 3474 CN 50-70.
- Complete set.

3474PE	Each	52,16
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SCU

3474PE



BAND, HOSE CLAMPS

Prod. SCU

Band type, to clamp any kind of diameter.

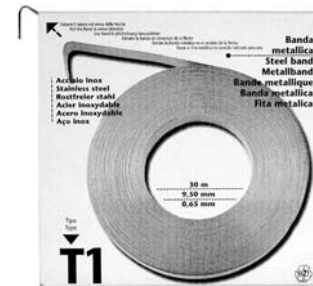
In stainless steel (AISI 301). Package unit in rolls of 30m approx. Not sold separately.

Width	mm	6,3	9,5	12,7	15,8	19
Thickness	mm	0,51	0,65	0,75	0,75	0,75
3474R	Pack	23,30	26,30	40,60	49,10	52,30

SCU

INOX

3474R



Band type, to clamp any kind of diameter.

In stainless steel INOX (AISI 304) for a higher resistance to oxidation. Package unit in rolls of 30m approx. Not sold separately.

Width	mm	6,3	9,5	12,7	15,8	19
Thickness	mm	0,51	0,65	0,75	0,75	0,75
3474RE	Pack	25,60	29,10	45,10	54,10	57,70

SCU

INOX

3474RE



Band type hose clamps and fastening claws in stainless steel AISI 316 available on

FASTENING CLAWS FOR ART.3474R - 3474 RE

In stainless steel (AISI 304). Package unit or 100 pcs not sold separately.

For belt width	mm	6,3	9,5	12,7	15,8	19
3474S	Pack	13,20	14,60	22,60	26,30	27,80

SCU

INOX

3474S



CLAWS WITH FASTENING SCREW FOR ART. 3474 R 19 - 3474 RE 19.

In stainless steel (AISI 304) to be used many times and for an even safer fastening. Packages of 25m, not sold separately.

3474SE	Pack	58,10
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SCU

INOX

3474SE





3474T

SCU



DEVICE FOR BAND, HOSE CLAMPS ART.3474R - 3474 RE

In forged steel. Apt for stretching, clamping and cutting band hose clamps of any width.

3474T Each 164,00

HOSE CLAMPS WITH RUBBER

3474V

SCU

INOX



Prod. SCU

In stainless steel 430 (W 3). Shaped belt covered with antivibrating rubber. With fastening holes. Ideal to support and fasten hoses, protecting them from vibrations and breaks due to clamping. Fastening hole 8mm (capacity diam. 45-50-60 fastening hole 10.5mm).

Capacity Ø	mm	6	8	10	12	14	16	18
Belt width x thickness	mm	16x0,6	16x0,6	16x0,6	16x0,6	16x0,6	16x0,8	16x0,8
3474V	Each	0,54	0,58	0,58	0,64	0,70	0,70	0,76
Capacity Ø	mm	20	22	25	28	30	32	35
Belt width x thickness	mm	16x0,8	16x0,8	16x0,8	16x0,8	16x0,8	16x0,8	16x0,8
3474V	Each	0,76	0,80	0,80	0,92	1,08	1,08	1,22
Capacity Ø	mm	40	45	50	60			
Belt width x thickness	mm	16x0,8	20x1	20x1	20x1			
3474V	Each	1,50	1,76	1,88	2,26			

TWO-WIRE SPRING CLAMPS

3474VE

SCU



Prod. SCU

Self-locking model with double blade of special steel, galvanized, recommended to tighten pipes with embossed spirals, very soft tubes, thin tubes, etc.

Capacity Ø	mm	6,6-7	7-7,5	7,3-7,8	7,8-8,3	8,3-8,8	8,8-9,3	9,3-9,8
Wire Ø	mm	1	1	1	1	1	1	1
3474VE	Each	0,08	0,08	0,08	0,08	0,08	0,08	0,08
Capacity Ø	mm	9,8-10,4	10,4-11	11-11,6	11,6-12,2	12,2-12,9	12,4-13,1	12,9-13,6
Wire Ø	mm	1,2	1,2	1,2	1,5	1,5	1,2	1,5
3474VE	Each	0,10	0,10	0,10	0,14	0,14	0,14	0,14
Capacity Ø	mm	13,3-14,1	13,6-14,4	14,4-15,1	14,8-15,9	15,1-15,9	15,5-16,3	15,9-16,8
Wire Ø	mm	1,5	1,5	1,8	1,6	1,8	1,8	1,8
3474VE	Each	0,14	0,14	0,16	0,16	0,16	0,16	0,16
Capacity Ø	mm	16,8-17,7	17,7-18,7	18,7-19,5	19,6-20,5	20,6-21,6	21,5-22,6	22-23,1
Wire Ø	mm	1,8	1,9	2	2	2	2,2	2,2
3474VE	Each	0,18	0,18	0,20	0,20	0,22	0,24	0,24
Capacity Ø	mm	22,4-23,6	23,5-24,7	24,5-25,8	25,1-26,4	25,6-26,9	26,7-28,1	27,9-29,4
Wire Ø	mm	2,2	2,2	2,5	2,5	2,5	2,5	2,5
3474VE	Each	0,24	0,24	0,36	0,36	0,36	0,36	0,36
Capacity Ø	mm	29,3-30,9	30,4-32	31,8-33,4	33,2-34,8	33,9-35,7	34,6-36,4	36,2-38
Wire Ø	mm	2,8	2,8	2,8	2,8	2,8	3	3
3474VE	Each	0,44	0,44	0,44	0,44	0,62	0,64	0,64
Capacity Ø	mm	37,7-39,7	38,5-40,5	39,4-41,4	40,7-42,3	41-43,2	42,8-45	44,6-46,8
Wire Ø	mm	3,2	3,2	3,2	3,2	3,2	3,2	3,2
3474VE	Each	0,68	0,68	0,68	0,68	0,68	0,68	0,70
Capacity Ø	mm	46,5-48,9	48,8-50,9	50,6-53,2				
Wire Ø	mm	3,2	3,5	3,5				
3474VE	Each	0,94	0,94	0,94				

For continuous and perfect clampings see pliers Art. 283 GL.

10



CLICK HOSE CLAMPS

Prod. SCU

Stainless steel 304 model, W4 endless belt, formed by a hook and a locking tooth that prevent the accidental release of the clamp. The ease and speed of installation make these clamps ideal for standard assemblies.



3474VL

Width of clamps 6 mm from Art. 3474 VL 8.5-9.5 to 14-15.

Width of clamps 8 mm from Art. 3474 VL 14.5-15.5 to 24-25.5.

Capacity Ø	mm	8,5-9,5	9-10	9,5-11	10-11,5	10,5-11,5	11-12	11,5-12,5
Closed clamp Ø	mm	8	8,5	9	9,5	10	10,5	11
3474VL	Each	0,46	0,46	0,46	0,46	0,46	0,46	0,46
Capacity Ø	mm	12-13	12,5-13,5	13-14	13,5-14,5	14-15	14,5-15,5	15-16
Closed clamp Ø	mm	11,5	12	12,5	13	13,5	14	14,5
3474VL	Each	0,46	0,46	0,46	0,46	0,46	0,46	0,46
Capacity Ø	mm	15,5-16,5	16-17	16,5-17,5	17-18	17,5-18,5	18-19	18,5-19,5
Closed clamp Ø	mm	15	15,5	16	16,5	17	17,5	18
3474VL	Each	0,46	0,46	0,46	0,46	0,46	0,46	0,56
Capacity Ø	mm	19-20	19,5-21	20-21,5	20,5-22	21-22,5	21,5-23	22-23,5
Closed clamp Ø	mm	18,5	19	19,5	20	20,5	21	21,5
3474VL	Each	0,56	0,56	0,56	0,56	0,56	0,56	0,56
Capacity Ø	mm	22,5-24	23-24,5	23,5-25	24-25,5			
Closed clamp Ø	mm	22	22,5	23	23,5			
3474VL	Each	0,56	0,56	0,56	0,56			



For continuous and perfect clampings see pliers Art. 283 G.

HOSE CLAMPS

Prod. SCU

Hose clips made from galvanised steel W1. Allows a strong, concentric clamping in a few seconds with simple pincers. It is the cheapest system for permanent clamping of small and medium sized pipes.



3474Z

Capacity Ø	mm	5-7	7-9	9-11	10-12	11-13	13-15	14-17
Width x thickness	mm	6x0,6	6x0,8	6,5x0,8	6,5x0,9	6,5x0,9	7x1	7x1,2
Indivisible pck.		50	50	50	50	50	50	50
3474Z	Pack	13,20	14,50	15,30	16,10	16,90	17,10	17,40
Capacity Ø	mm	15-18	17-20	18-21	20-23	22-25	23-27	25-28
Width x thickness	mm	7,5x1,2	7,5x1,2	8x1,2	8x1,3	8,5x1,4	8,5x1,4	9x1,4
Indivisible pck.		50	50	50	50	25	25	25
3474Z	Pack	17,60	19,60	26,10	23,50	14,30	16,10	17,80
Capacity Ø	mm	28-31	31-34	34-37	37-40			
Width x thickness	mm	9x1,4	9,5x1,4	9,5x1,6	10x1,6			
Indivisible pck.		25	25	25	25			
3474Z	Pack	18,70	20,80	21,70	22,20			



For continuous and perfect clamping see pliers Art. 285 GE - 285 GL.

FITTING LINE

Orig. Ewo - Art. 397

model with built-in filter for a circuit PRE-FILTERING on compressed air, gas, water, oil etc. In brass and cast iron with double stainless steel filter for dirt particles greater than 0.2 mm. Screw cap to access the filter cleaning. For pressures up to 10 bar (Atm).



3475

Straight type with 2 internal threads.

Thread Ø		1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
3475	Each	6,72	9,68	11,20	19,30	29,20	44,10	52,50	87,50



Product running out of stock.

Prod. SCU

In pressed brass, nickel-plated. For compressed air up to 10 bar (Atm). Elbow with internal and external thread.



3475A

Thread Ø	inch	1/4	3/8	1/2
3475A	Each	1,98	3,30	4,82



Product description as Art. 3475A

Union T with 2 internal threads and 1 external thread.

Thread Ø	inch	1/4	3/8	1/2
3475B	Each	2,90	4,38	7,12



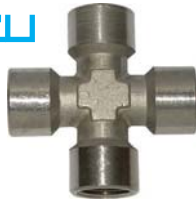
3475B





3475C

SCU



Product description as Art. 3475A

Cross with 4 internal threads.

Thread Ø	inch	1/4	3/8
3475C	Each	4,08	6,02

3475E

SCU



Product description as Art. 3475A

Nipples with external threading.

Thread Ø	inch	1/4x1/4	1/4x3/8	3/8x3/8	3/8x1/2	1/2x1/2
3475E	Each	0,76	1,16	1,20	1,98	2,40

3475F

SCU



Product description as Art. 3475A

Coupling with internal thread.

Thread Ø	inch	1/8-1/4	1/8-3/8	1/8-1/2	1/4-1/4	1/4-3/8	1/4-1/2	3/8-3/8	
3475F	Each	0,90	1,50	2,44	0,90	1,34	2,42	1,28	
Thread Ø	inch	3/8-1/2	1/2-1/2						
3475F	Each	2,42	2,24						

3475G

SCU



Product description as Art. 3475A

Reducer with external and internal thread.

Thread Ø	inch	1/4x1/4	1/4x3/8	3/8x3/8	3/8x1/2
3475G	Each	0,92	1,38	1,40	2,22

3475H

SCU



Product description as Art. 3475A

Threaded cap.

Thread Ø	inch	1/4	3/8	1/2
3475H	Each	0,64	0,98	1,64

COMPRESSED AIR ACCESSORIES

3476A

ewo



Orig. Ewo - Art. 113

Brass bar stock execution. Robust and precise execution.

For compressed air up to 40 bar (Atm).

Hose connection with female thread, enbloc.

Size	1	2	3	4	5	6	7	8	9	
GAS thread Ø	1/8	1/8	1/4	1/4	1/4	3/8	3/8	3/8	1/2	
Rubber holder Ø	4	6	4	6	9	6	9	13	6	
Overall length	33	36	36	40	40	42	42	47	42	
Hexagonal opening	12	12	17	17	17	19	19	19	24	
3476A	Each	2,56	2,66	2,92	3,02	3,30	3,76	3,76	4,30	
Size	10	11	12	13	14	15	16	17		
GAS thread Ø	1/2	1/2	3/4	3/4	3/4	1	1	1		
Rubber holder Ø	9	13	9	13	19	19	25	32		
Overall length	42	47	47	52	58	60	66	70		
Hexagonal opening	24	24	32	32	32	36	36	36		
3476A	Each	4,30	4,30	6,22	6,22	6,22	13,30	13,30	21,30	

3476B

ewo



Product description as Art. 3476A

Hose connection with male thread, enbloc.

Size	1	2	3	4	5	6	7	8	9	
GAS thread Ø	1/8	1/8	1/4	1/4	1/4	3/8	3/8	3/8	1/2	
Rubber holder Ø	4	6	4	6	9	6	9	13	6	
Overall length	34	37	36	40	40	43	43	48	44	
Hexagonal opening	14	14	17	17	17	17	17	19	24	
3476B	Each	2,74	2,74	2,92	2,92	2,92	2,92	3,66	4,84	
Size	10	11	12	13	14	15	16	17		
GAS thread Ø	1/2	1/2	3/4	3/4	3/4	1	1	1		
Rubber holder Ø	9	13	9	13	19	19	25	32		
Overall length	44	49	49	54	58	60	66	70		
Hexagonal opening	24	24	32	32	32	36	36	36		
3476B	Each	4,84	5,32	8,06	8,06	8,06	10,40	12,10	20,50	

3476E

ewo



Brass bar stock execution. Robust and precise execution.

Double hose connector according to EN ISO 560 (DIN 8542) standards.

Size	1	2	3	4	
Rubber holder Ø	6/6	6/9	9/9	13/13	
Overall length	70	70	70	70	
Max Ø	9	12	12	16	
3476E	Each	2,74	4,22	4,22	4,66


Prod. SCU

Nickel-plated brass finish.
For compressed air up to 10 bar (Atm).
Bayonet connection. Male thread.

Thread Ø	inch	1/4	3/8
3477E	Each	0,90	1,24


3477E

Product description as Art. 3477E

Bayonet connection. Female thread.

Thread Ø	inch	1/4	3/8
3477L	Each	0,92	1,24


3477L

Product description as Art. 3477E

Bayonet connection. Hose connector.

For pipes Ø	mm	6	8	10
3477P	Each	0,74	0,78	0,80


3477P

Product description as Art. 3477E

Bayonet joint. Pipe holder in rubber and polyurethane.

For pipes Ø	mm	6x14	8x17
3478A	Each	1,88	2,06


3478A

Product description as Art. 3477E

Hose connector. Pipe holder in rubber and polyurethane

Size		1	2	3	4
Thread Ø	inch	1/4	1/4	3/8	3/8
For pipes Ø	mm	6x14	8x17	6x14	8x17
3478B	Each	2,00	2,18	2,66	2,72


3478B

Product description as Art. 3477E

Hose connector. Pipe holder in rubber and polyurethane.

Size		2	3	4	5
Thread Ø	inch	1/4	1/4	3/8	3/8
For pipes Ø	mm	6x14	8x17	6x14	8x17
3478C	Each	2,00	2,18	2,66	2,72


3478C

Product description as Art. 3477E

Bayonet joint for connections Art. 3478 A - With external thread.

Thread Ø	inch	1/4	3/8
3478D	Each	1,20	1,64


3478D

Product description as Art. 3477E

Bayonet joint for connections Art. 3478 A - With internal thread.

Thread Ø	inch	1/4	3/8
3478E	Each	1,46	1,80


3478E

For connections for flexible hoses see Art. 1733 A and 1733 A 1.

Product description as Art. 3477E

Quick tap coupling. Bayonet connection.
To be used with Art. 3478 A - I-L-M-N-P-R-S-T-V-Z.

3478EA	Each	1,48
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3478EA

Product description as Art. 3477E

Coupling for quick cocks - Pipe holder in rubber and polyurethane. Can be used with Art. 3478 I-L-M-N-P-R-S-T-V-Z.

For pipes Ø	mm	6x14	8x17
3478F	Each	1,88	2,06


3478F

Product description as Art. 3477E

Coupling for quick cocks - With external thread. Can be used with Art. 3478 I-L-M-N-P-R-S-T-V-Z.

Thread Ø	inch	1/4	3/8	1/2
3478G	Each	0,94	1,16	1,98


3478G

**3478GA** SCU

Product description as Art. 3477E
Quick tap coupling - With internal thread.
To be used with Art. 3478 I-L-M-N-P-R-S-T-V-Z.

Thread Ø	inch	1/4	3/8	1/2
3478GA	Each	1,06	1,38	2,10

3478H SCU

Product description as Art. 3477E
Quick coupling + bayonet joint. Can be used with Art. 3478 D-E and I-L-M-N-P-R-S-T-V-Z.

3478H	Each	1,20
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For couplings for elastic tubes see Art. 1733 B and 1733 B 1.

3478HA SCU

Product description as Art. 3477E
Quick tap coupling. With male hose connector for pipes.
To be used with Art. 3478 I-L-M-N-P-R-S-T-V-Z.

For pipes Ø	mm	6	8	10
3478HA	Each	1,08	1,08	1,08

3478I SCU

Product description as Art. 3477E
Quick tap for couplings Art. 3478 EA- F-G-GA-H-HA - Pipe holder in rubber and polyurethane.

For pipes Ø	mm	6x14	8x17
3478I	Each	6,46	6,66

3478L SCU

Product description as Art. 3477E
Quick tap for couplings Art. 3478 F-G-H-HA - With external thread.

Thread Ø	inch	1/4	3/8	1/2
3478L	Each	4,64	4,64	5,54

3478M SCU

Product description as Art. 3477E
Quick tap for couplings Art. 3478 EA-F-G-GA-H-HA. With internal thread.

Thread Ø	inch	1/4	3/8	1/2
3478M	Each	4,84	4,84	6,70

3478N SCU

Product description as Art. 3477E
Quick tap for coupling Art. 3478 EA-F-G-GA-H. With coil for elastic pipes.

For pipes Ø	mm	6x8	8x10
3478N	Each	5,92	6,10

For elastic pipes (RISLAN) see Art. 1733 and 1733 1.

3478P SCU

Product description as Art. 3477E
Quick tap for couplings Art. 3478 EA-F-G-GA-H-HA. With male connection for hose.

For pipes Ø	mm	6	8	10
3478P	Each	4,78	4,78	4,96

3478R SCU

Product description as Art. 3477E
Rapid tap with air vent safety system, for coupling Art. 3478 EA-F-G-GA-H-HA. With rubber and polyurethane hose connector.

For pipes Ø	mm	6x14	8x17
3478R	Each	21,10	21,30

3478S SCU

Product description as Art. 3477E
Rapid tap with air vent safety system, for coupling Art. 3478 EA-F-G-GA-H-HA. With external thread.

Thread Ø	inch	1/4	3/8	1/2
3478S	Each	19,90	20,50	21,20

3478T SCU

Product description as Art. 3477E
Rapid tap with air vent safety system, for coupling Art. 3478 EA-F-G-GA-H-HA. With internal thread.

Thread Ø	inch	1/4	3/8	1/2
3478T	Each	19,20	20,40	21,30



Product description as Art. 3477E

Rapid tap with air vent safety system, for coupling Art. 3478 EA-F-G-GA-H-HA. With coil for elastic pipes.

For pipes Ø	mm	6x8	8x10
3478V	Each	21,10	21,10

For elastic pipes (RISLAN) see Art. 1733 and 1733 1.

SCU

3478V



Product description as Art. 3477E

Rapid tap with air vent safety system, for coupling Art. 3478 EA-F-G-GA-H-HA. With male hose connection for pipes.

For pipes Ø	mm	6	8	10
3478Z	Each	20,10	20,10	20,10

When the stocks will be run out, the Art. 3478 R to Z 3478 will be provided in red.

SCU

3478Z



VALVES

Prod. SCU

Ball type, in pressed brass, nickel-plated.

For compressed air up to 10 bar (Atm).

With internal thread on 2 sides.

Drive	inch	1/4x1/4	3/8x3/8	1/2x1/2
3479A	Each	7,18	7,04	7,64

SCU

3479A



Product description as Art. 3479A

With external thread on 2 sides.

Drive	inch	1/4x1/4	3/8x3/8	1/2x1/2
3479B	Each	8,26	8,62	9,90

SCU

3479B



Product description as Art. 3479A

With external and internal thread.

Drive	inch	1/4x1/4	3/8x3/8	1/2x1/2
3479E	Each	7,18	7,04	7,64

SCU

3479E



QUICK COUPLING AUTOMATIC VALVE CLOSING

Orig. Ewo - Art. 308

For air at 1-15 bar (Atm).

In bar brass. Sturdy and precise finish. The tap is automatically closed when the coupling is removed.

Quick cocks for couplings with external thread.

Thread Ø	inch	1/4	3/8	1/2
3480GA	Each	7,24	7,24	7,24

ewo

3480GA



Product description as Art. 3480GA

Quick cocks for couplings with internal thread.

Thread Ø	inch	1/4	3/8	1/2
3480GB	Each	7,24	7,24	7,24

ewo

3480GB



Product description as Art. 3480GA

Quick cocks for couplings with hose connector.

Rubber holder Ø	mm	6	9	13
3480GC	Each	8,70	8,70	10,20

ewo

3480GC



Product description as Art. 3480GA

Couplings for quick cocks.

Rubber holder Ø	mm	6	9	13
3480GD	Each	1,44	1,44	2,06

ewo

3480GD



**3480GE****ewo**

Product description as Art. 3480GA

Couplings for quick cocks Ø 9mm with external thread.

Thread Ø	inch	1/4	3/8	1/2
3480GE	Each	1,80	2,06	3,94

3480GF**ewo**

Product description as Art. 3480GA

Couplings for quick cocks Ø 9mm with internal thread.

Thread Ø	inch	1/4	3/8	1/2
3480GF	Each	1,80	2,06	3,94

3480GH**ewo**

Product description as Art. 3480GA

Couplings with screw for clamping synthetic tubes.

For pipes Ø	mm	6x4	8x6	10x8
3480GH	Each	5,80	5,80	5,80

3480GL**ewo****Orig. Ewo - Art. 128**

Product description as Art. 3480GA

Branches with quick cocks, 2 ways, with internal thread 3/8.

3480GL	Each	25,20
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3480GM**ewo**

Product description as Art. 3480GA

Branches with quick cocks, 3 ways, with internal thread 3/8.

3480GM	Each	35,50
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QUICK COUPLING AUTOMATIC VALVE CLOSING WITH SAFETY SYSTEM**3480GP****ewo****Orig. Ewo - Art. 455**

For air at 1-15 bar (Atm).

In heavy brass, nickel-plated. Sturdy and precise finish. Equipped with release ring with double subsequent action system: first the air tube is emptied and then released. The valve is automatically closed when the coupling is removed.

Quick cocks with external thread, for couplings.

Thread Ø	inch	1/4	3/8	1/2
3480GP	Each	41,60	41,60	41,60

3480GR**ewo**

Product description as Art. 3480GP

Quick cocks with internal thread, for couplings.

Thread Ø	inch	1/4	3/8	1/2
3480GR	Each	41,60	41,60	41,60

3480GS**ewo**

Product description as Art. 3480GP

Quick cocks with hose connection, for couplings.

Rubber holder Ø	mm	6	9	13
3480GS	Each	41,60	41,60	41,60

3480GT**ewo****Orig. Ewo - Art. 308**

Product description as Art. 3480GP

Couplings for quick cocks.

Rubber holder Ø	mm	6	9	13
3480GT	Each	3,14	3,42	5,38



Product description as Art. 3480GP

Couplings for quick cocks Ø 9mm with external thread.

Thread Ø	inch	1/4	3/8	1/2
3480GV	Each	3,32	3,94	5,38

ewo

3480GV



Product description as Art. 3480GP

Couplings for quick cocks Ø 9mm with internal thread.

Thread Ø	inch	1/4	3/8	1/2
3480GZ	Each	3,32	3,94	5,38

ewo

3480GZ



Orig. Ewo - Art. 411

Air-model, bar (Atm) 1 -12, according to ISO 4414.

Aluminium body with hardened steel internal parts, brass mount, springs and balls made from stainless steel, NBR. Robust and precise execution. Equipped with dual-release button: pressing the action once it gets air flushing, with a second pressure gets uncoupling of the graft. Removing the connector, the valve closes automatically.

Quick cocks with external thread, for couplings.

Thread Ø	inch	1/4	3/8	1/2
3485GA	Each	31,40	31,40	31,40

ewo

3485GA



Product description as Art. 3485GA

Quick cocks with internal thread, for couplings.

Thread Ø	inch	1/4	3/8	1/2
3485GB	Each	31,40	31,40	31,40

ewo

3485GB



Product description as Art. 3485GA

Quick cocks with hose connection, for couplings.

Rubber holder Ø	mm	6	8	9	10	13
3485GC	Each	31,40	31,40	31,40	31,40	31,40

ewo

3485GC



Snap-on taps Art. 3485 GA/B/C can also be used with connectors Art. 3480 GD/E/F/H and 3480 GT/V/Z.



10

NEW!

NEW ITEMS GROUP 11

MB
GERMANY



3741M

Graduated dials, combined type
▶ P. 905

MB
GERMANY



DIGITAL AND DEPTH ELECTRONIC GAUGES

3747VEG-VEGA-VEH-VEZ,
3748PR-PS ▶ P. 910, 915

MB
GERMANY



3968GA

Plates with holes calibrated for tips
▶ P. 935



MEASUREMENT CUNEEES

3968L-P
▶ P. 935



3987GH

Gauges for measuring welds
▶ P. 938

MB
GERMANY



SIMPLE AND UNIVERSAL GONIOMETERS

4020GL, 4021G, 4023G
▶ P. 943, 944



4051G

High precision knife lines, type MINI
▶ P. 948

GEDORE



4141DE

Internal and external flexometers,
professional type ▶ P. 951



4141TL

Electronic distance meters,
high precision type ▶ P. 952

MB
GERMANY



4267GEL

Flat squares to center
▶ P. 967

MB
GERMANY



4316D

Altimeters and precision scribers
▶ P. 971

MB
GERMANY



TIPS FOR TRACING AND TRACERS

4319C, 4328GF-GP
▶ P. 973, 974-975

VÖLKEL



BUFFER AND RING GAUGES FOR THREADING

4350LA-LB-LC-LF-LM-LP-LR-LS-LT-LV-LZ ▶ P. 981-983

MB
GERMANY



DEPTH ELECTRONIC DIGITAL COMPARATORS

4420GV, 4421PA ▶ P. 992, 995

MB
GERMANY



4422

Devices for concentricity control
▶ P. 995

WORK LAMPS

4465L-P-R-T ▶ P. 1009

LED LAMPS

4471AC, 4471GAL-GAR-GBL-GD,
4471LB 3-6-9, 4471ME-MF-ML-MP-
PF-PL, 4472GV ▶ P. 1010-1017

4474GS

Portable current distributors
▶ P. 1023

4475GH

Multi-function detectors
▶ P. 1026

4476FT

Infrared and laser digital thermometers,
combined type ▶ P. 1035

4476GTA

Digital Igro-thermometers,
professional type ▶ P. 1038

MULTIMETERS AND AMPEROMETRIC PLIERS

4479A, 4481GA-GEM ▶ P. 1038-1042

INSULATION RESISTANCE MEASURERS

4481GF-GLE ▶ P. 1042-1043

4482GM

Electronic voltage testers
▶ P. 1047

4487GTE

Digital electronic dynamometers
▶ P. 1051

All items are in sequence. It's very easy to find them!

Batteries
Rechargeable batteries
Battery chargers
Rulers with lenses
Magnifying lenses
Binocular visors
Microscopes



From **3600A**
To **3697E**

Dividers



From **3699**
To **3742G**

Measure and control tools
Calipers - Micrometers
Screw pitch gauges
Feeler gauges - Goniometers
Tapes, rulers, measuring tapes, meters
Squares - Surface gauges - Hand scribes
Precision V blocks - Surface plates



From **3743G**
To **4345GB**

Plug and ring gauges
Addition timers



From **4350GA**
To **4390G**

Dial indicators and supports
Dial bore gauges
Dial caliper gauges



From **4400G**
To **4424T**

Work counters
Revolution counters
Stroke counters
Meter counters
Impulse counters



From **4425G**
To **4460GB**

Stroboscopes
Working lamps
Headlamps
Cable drums
sockets, plugs and electrical panels
Detectors



From **4461**
To **4475GR**

Electric and air engraves
Pastels
Markers



From **4475GS**
To **4476A 3**

Thermometers - Hygrometers
Multimeters - Light meters
Hardness testers
Battery charges
Tension tester
Electronic car testers



From **4476AB**
To **4482GT**

Balances
Dynamometers
Anchorage systems
Tie rads



From **4483A**
To **4490FB**



ALKALINE BATTERIES

3600A SCU



Prod. SCU

Micro button cell battery LR44, for digital instruments, mini flashlight, remote controls, etc.
In blister single packing unit.

Voltage	Volt	1,5
Ø	mm	11,5
Height	mm	5,1
3600A	Each	2,10

3600B SCU



Micro-stilo LRV08, for remote controls, etc.
In blister single packing unit.

Voltage	Volt	12
Ø	mm	10
Height	mm	28
3600B	Each	1,96

3600C SCU



Micro LR03 (AAA), universal model.
Blister packing unit: 4 pcs. not sold separately.

Voltage	Volt	1,5
Ø	mm	10,5
Height	mm	44,5
3600C	Pack	3,06

3600E SCU



Mignon LR6 (AA), universal model.
Blister packing unit: 4 pcs. not sold separately.

Voltage	Volt	1,5
Ø	mm	14,5
Height	mm	50,5
3600E	Pack	2,76

3600F SCU



Baby LR14 (C), universal model.
Blister packing unit: 2 pcs. not sold separately.

Voltage	Volt	1,5
Ø	mm	25,7
Height	mm	50
3600F	Pack	3,24

3600L SCU



Mono LR20 (D), universal model.
Blister packing unit: 2 pcs. not sold separately.

Voltage	Volt	1,5
Ø	mm	33,6
Height	mm	61,5
3600L	Pack	4,96

3600M SCU



Rectangular type, transistor 6LR61 for remote controls, universal model.
In blister single packing unit.

Voltage	Volt	9
3600M	Each	3,54

From Art. 3600 A to Art. 3600 M, the manufacturer reserves the right to change the image and packaging of the product.



LITHIUM BATTERIES

Prod. SCU

Button cell battery CR1632 for watches, cameras, calculators, measuring instruments, remote controls, portable electronic devices, etc.

In blister single packing unit.

Voltage	Volt	3
Ø	mm	16
Height	mm	3,2
3600P	Pack	3,56



3600P

Button cell battery CR2016 for digital instruments, remote controls, etc.

Blister packing unit: 2 pcs. not sold separately.

Voltage	Volt	3
Ø	mm	20
Height	mm	1,6
3600R	Pack	3,90



3600R

Button cell battery CR2032 for digital instruments, remote control, etc.

Blister packing unit: 2 pcs. not sold separately.

Voltage	Volt	3
Ø	mm	20
Height	mm	3,2
3600T	Pack	3,92



3600T

From Art. 3600 P to Art. 3600 T, the manufacturer reserves the right to change the image and packaging of the product.

RECHARGEABLE BATTERIES AND CHARGERS

Prod. SCU

Rechargeable P6I AA NiMH/NiCd batteries, capacity up to 1900 mAh, for universal use.

Blister packing unit: 2 pcs. not sold separately.

Voltage	Volt	1,2
Ø	mm	14,5
Height	mm	50,5
3602	Pack	14,10



3602

Rechargeable P03I AAA NiMH/NiCd batteries, capacity up to 750 mAh, for universal use.

Blister packing unit: 4 pcs. not sold separately.

Voltage	Volt	1,2
Ø	mm	10,5
Height	mm	44,5
3603	Pack	21,70



3603

Battery charger 100-240 V for rechargeable AA up to 1900 mAh and AAA up to 750 mAh. Suitable for charging batteries Art. 3602 and Art. 3603. Overload system protection and temperature control.

3604	Each	57,10
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3604



FRONTE



RETRO

From Art. 3602 to Art. 3604, the manufacturer reserves the right to change the image and packaging of the product



RULERS WITH MAGNIFIERS LENS

3660 SCU



Prod. SCU

In plastic material with silicate glass lens over the entire length of the ruler. With graduation mm / inch, 2.5x magnification. Total length 300mm/12". Ideal for offices, laboratories, schools etc.

3660 Each 9,64

POCKET MAGNIFIERS

3664 SCU



Prod. SCU

In silicate glass, square frame made of transparent plastic. Applied protective sheath in synthetic material.

Lens Ø mm 43

Magnifications 3x

3664 Each 4,62

3665 SCU



In optical glass, square frame in transparent plastic. Comes with a protective synthetic frame.

Lens Ø mm 45

Magnifications 4x

3665 Each 20,80

3665A SCU



In optical glass, square frame in ABS. Comes with a protective synthetic frame.

Lens Ø mm 60

Magnifications 2½x

3665A Each 24,70

3665P SCU



In optical glass, housing frame in sturdy synthetic material (ABS). With one lens.

Lens Ø mm 11 17

Magnifications 12x 8x

3665P Each 16,80 16,80

3665R SCU



Model with three lenses, in silicate glass. Frame in sturdy plastic. Lenses Ø 30 mm. Magnification 5x / 10x / 15x.

3665R Each 12,10

3665T 

Orig. MIB - Art. 01005092

In optical crystal, frame and grip metal housing. Ø 21 mm lens, 10x magnification.

3665T Each 8,26

3666 SCU



Prod. SCU

In optical crystal, with grip metal housing.

Size 19

Lens Ø approx mm 22

Magnifications 10x

3666 Each 48,80

3666A SCU



In optical crystal. Frame in metal, plastic handle. Lens Ø 20 mm. 15x magnification. Total length 85 mm.

3666A Each 59,20

Product running out of stock.



HAND-HELD MAGNIFIERS

Prod. SCU

Type for hand use with round lenses, rimless, with handle in two-component material. Silicate glass lens, with 1 "SPOT" lens 10x in the handle.

Lens Ø	mm	75	90
Magnifications		2,5x	2x
3666E	Each	16,10	18,50

SCU



3666E



Hand-use type with round lens. Sturdy synthetic frame.

Lens Ø	mm	45
Magnifications		3x
3667	Each	21,70

SCU

3667



Type for hand use with round lens in silicate glass. Frame and handle in two-component material. With 1 "SPOT" lens 6x.

Lens Ø	mm	45	70
Magnifications		3x	2x
3667E	Each	6,84	7,84

SCU



3667E



Hand-use type with round lens. Sturdy synthetic transparent frame.

Lens Ø	mm	60
Magnifications		3x
3667G	Each	19,80

SCU

3667G



Orig. MIB

Type for use by hand with round lens. Metal frame.

Lens Ø	mm	60	75	100
Magnifications		5x	3x	2x
Supplier code		01005089	01005090	01005091
3668	Each	6,00	7,50	9,76



3668



Prod. SCU

Hand-use type with round lens in optical glass. Stainless steel frame.

Lens Ø	mm	50	60	80	100
Magnifications		3 1/2x	3x	2 1/2x	2 1/4x
3670	Each	45,40	49,40	57,20	73,10

SCU

3670



Hand-use type with 2 aplanatic lenses, in white optical glass. Stainless steel frame. Clear and neat lens.

Lens Ø	mm	60	80
Magnifications		4x	3x
3673	Each	71,00	92,70

SCU

3673



Type for hand use with rectangular lenses, rimless, handle with two-component material. Silicate glass lens. 2x magnification with 2 "SPOT" lenses 6x and 10x, one in the handle. Lens size 90x55 mm.

3673R	Each	20,80
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SCU



3673R



Hand-use type with rectangular lens, in white optical glass. Stainless steel frame. Clear and neat lens.

Lenses dimensions	mm	65x30
Magnifications		3 1/2x
3674	Each	69,10

SCU

3674



ILLUMINATED MAGNIFIERS FOR TECHNICAL PURPOSES

Prod. SCU

Pocket type, with practical sliding, lens-protecting hood, in two-component material. 1 long life and high brightness LED light. Operated by 3 AAA alkaline batteries (see. Art. 3600 C), supplied.

Rectangular lens in optical glass. 3x magnification. Lens size 35x40 mm.

3674T	Each	21,30
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SCU



3674T





3675A SCU



Rimless type, with handle in two-component material. 2 long life and high brightness LED lights. Operation 3 alkaline button batteries, supplied.

Lens in optical glass.

Lens Ø	mm	75	90
Magnifications		2,5	2
3675A	Each	25,10	27,80



3675E SCU



Product description as Art. 3675A

Rectangular lens in optical glass. 2x magnification, with "SPO" lens. Lens size 90x55 mm.

3675E	Each	28,60
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3675F SCU



Set of 8 glasses on handy counter support (250x170 mm) for a more visible exposure.

Composition:

2 lenses Art. 3675 A 75

4 lenses Art. 3675 90

2 lenses Art. 3675 E

Complete set.

3675F	Each	227,00
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3677B MIB GERMANY



Orig. MIB - Art. 01005087

Suitable for technical, mechanical, photographic uses and for teaching, etc. In sturdy unbreakable plastic. Interior light with 6 long life LEDs with high brightness. Operation with 2 AAA alkaline batteries (see Art. 3600 C), not supplied. Optical white lens.

4x magnification, lens size 50x50 mm.

3677B	Each	21,80
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3677G MIB GERMANY



Orig. MIB - Art. 01005086

Indicated for technical, mechanical, photographic and educational purposes. In sturdy, unbreakable plastic. Internal illumination with 2 alkaline batteries LR 14 (see Art. 3600 F), not included. Aplanatic lens.

Magnification 5x, Ø lens 50mm.

3677G	Each	25,50
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3677GA MIB GERMANY



Orig. MIB - Art. 01005085

Product description as Art. 3677G

Magnification 10x, Ø lens 35mm.

3677GA	Each	25,50
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THREAD COUNTERS

3679P SCU



Prod. SCU

In plastic material. Clear and neat lens.

With fenster	mm	20x20
Magnifications		8x

3679P	Each	4,58
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3680 SCU



In metal. Clear and neat lens.

With fenster	mm	10x10	15x15	20x20	30x30
Magnifications		12x	10x	6x	5x

3680	Each	14,40	15,50	18,50	25,70
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3680L SCU



In metal. Sized basis, 20x20 mm / inches 3/4x3/4. Silicate glass lens, clear and sharp.

Lens Ø	mm	20
Magnifications		6x

3680L	Each	18,70
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HAND-HELD MAGNIFIERS

Prod. SCU

Focus magnifier in unbreakable plastic. Ø lens mm 22.

Focal distances	inch	1	2	3
Magnifications		8x	6x	4x
3681	Each	22,70	20,80	18,80

SCU



3681

Counter type in unbreakable plastic.
With transparent basis for optimal lighting.
Silicate glass lens.

Lens Ø	mm	25
Magnifications		10x
Body Ø	mm	50
Body height	mm	48
3681C	Each	10,70

SCU



3681C

With post, in unbreakable plastic.
Transparent base for a perfect lighting.

Lens Ø	mm	27	56
Magnifications		10x	4x
Body Ø	mm	45	70
Body height	mm	49	60
3681E	Each	20,50	29,20

SCU



3681E

With post, in unbreakable plastic.
Transparent base for a perfect lighting.
Graduated aplanatic lens 0 to 15mm. Increments 1/10mm.

Lens Ø	mm	27
Magnifications		10x
Body Ø	mm	45
Body height	mm	49
3681L	Each	26,80

SCU



3681L

Round type with self-illuminating lens for sharper vision. In silicate glass, unbreakable. Ideal for reading books, maps, photos, small character printings, philatelics, etc.
Ring frame in transparent opaque plastic, Ø 60 mm.
3x magnification.

3683A	Each	16,70
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SCU



3683A

For tweezers with magnifying glass see Art. 165.

TECHNICAL MICROSCOPES

Prod. SCU

Pocket type with light and glass lens.
Plastic body, with 2 rubber thumbwheels for focus adjustment and ZOOM magnifications from 60x to 100x. 1 long life and high brightness LED light. Operated by 2 AAA alkaline batteries (see Art. 3600 C), supplied.

3683F	Each	26,20
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SCU



3683F

Pen type with achromatic lens.
Metal body, precise apparatus with adjusting ring for magnification range: 40-50-60x.
For any kind of technical check or measurement.
Comes with pouch.

3683G	Each	100,10
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SCU



3683G



MAGNIFIERS GOGGLES

3683R SCU



Prod. SCU

Twin rectangular lenses, magnification 2x and 3x and additional single round lens, magnification 4x and 5x, tilting.

Adjustable band, velcro fastener.

Body in plastic material with No.2 side lamps for optimal lighting. Operated by No.4 AAA alkaline batteries (Art. 3600 C), not included. It can be used without removing one's own glasses.

3683R Each 48,80

3684 SCU



Apt for precision works.

Rectangular lenses. Adjustable head-band. Adjustable focal distance for a more relaxing vision.

Lenses can be tilted when not used. Interchangeable lenses.

Users can use this magnifier while wearing their own glasses. Magnification 3x.

3684 Each 184,00

STAND MAGNIFIER WITH FLEXIBLE GOOSENECK

3686A SCU



Prod. SCU

Type with stable plastic support and 2 long life and high brightness LED lights. Operated by 2 AA alkaline batteries (see. Art. 3600 E), supplied. Frameless design with round lens optical glass Ø 130 mm. Magnification 2x.

Total length body + rod 180 mm.

3686A Each 32,10

3688 SCU



Stand-type with base.

Stainless steel frame with round, white glass lens.

Lens Ø 100mm. Magnification 2.25x. Gooseneck total length: 250mm.

3688 Each 208,00

3689 SCU



Stand-type with clamp fastening.

Stainless steel frame with round, white glass lens.

Lens Ø 100mm. Magnification 2.25x. Gooseneck total length: 250mm.

3689 Each 174,00

3690 SCU



Stand-type with base.

Stainless steel frame with rectangular lens 75x150mm.

Magnification 2x, with big field of view. Gooseneck total length: 250mm.

3690 Each 326,00

ILLUMINATED STAND MAGNIFIERS WITH PANTOGRAPH ARM

3694A SCU



Prod. SCU

Professional type with LED light.

Type with clamp connection.

Metal frame with pantograph arms and spring compensated joints.

Protection class IP 20. Class I.

Pantograph arms: 100cm. Connection to power supply 220-240 V.

Optical glass lens with magnification 0,75x (3 dioptries).

Lens diameter: 120mm.

3694A Each 381,00



Professional type with LED light. Type with round cast iron base. Metal frame with pantograph arms and spring compensated joints. Protection class IP 20. Class I. Development of arms 100 cm. Connection to 220-240 V mains. Optical crystal lens with 0.75x magnification (3 dioptries). Lens diameter 120 mm.

3694B Each **511,00**



Orig. MIB - Art. 01005096

Light with 60 LEDs. With a rectangular base 31x21 cm. Metal frame with pantograph arm and friction joint. Not suitable to light reflective or irregular surfaces. Arm length 60 cm. Connection to mains 100-240 V. Optical crystal lens with zoom 2.25x (5 dioptries). Lens diameter 120 mm.

3695A Each **195,00**



Orig. MIB - Art. 01005095

Light with 60 LEDs. With clamp connection. Metal frame with pantograph arm and friction joint. Not suitable to light reflective or irregular surfaces. Arm length 80 cm. Connection to mains 100-240 V. Optical crystal lens with zoom 2.25x (5 dioptries). Lens diameter 120 mm.

3695B Each **150,00**



BINOCULAR MICROSCOPES

Prod. SCU

Stable, sturdy and compact binocular column microscope, easy to use and particularly suitable for laboratories, workshops, training schools, etc. High quality optical performance, large field of view, LED light, precision mechanics. Finely adjustable stand.

Optical system: Greenough 45 °.
Working distance: 55 mm to 75.
Ocular: 10x Ø 20 mm.
Objective: 2x / 4x.
Magnification: 20x / 40x
Field Ø: 10/5 mm
Lighting: LED 0.21 W, 240 V-50 Hz.
Net weight 2.25 Kg. Ø of the point of support for the objects 59.5 mm.
Dimensions mm 170x115x295h.

3697A Each **414,00**



Particularly stable binocular microscope, sturdy, with box-support, easy to use and precise, particularly suitable for laboratories, fine mechanical workshops, specialized training schools, etc. High quality optical performance, large field of view, LED light, mechanical precision. Finely adjustable stand.

Optical system: Greenough 45 °.
Working distance: 55 mm to 75.
Ocular: 10x Ø 20 mm.
Objective: 1x / 2x / 4x.
Magnification: 10x / 20x / 40x
Field Ø: 20/10/5 mm
Double lighting: LED 0.21 W and 1 W, 240 V-50 Hz.
Net weight Kg 3. Ø of the point of support for the objects 74.5 mm.
Dimensions mm 220x140x330h.

3697E Each **708,00**





METRIC CALIPERS

3699

SCU



Prod. SCU

In duraluminium, sturdy, light, extensible. Direct reading of the measured value on millimeter rod and through dedicated window. The three adjustable tips allow to check squarings, pitches, shaped part crowning, etc. Indicated for: automotive and in particular workshops, body works, etc.

Maximum length 3m, Minimum length 0,90m

3699 Each 520,00

Product running out of stock.

DIVIDERS

3700G

SCU



Prod. SCU

In forged steel. Double hinge. Hardened tips. Polished finish.

Overall length	mm	150	200	250	300	400	500
3700G	Each	8,26	10,60	15,30	18,10	32,70	46,30

3702G

SCU



In forged steel. Type with guide. Double hinge. Hardened tips. Polished finish.

Overall length	mm	150	200	250	300	400	500
3702G	Each	10,40	13,90	16,20	21,20	39,80	48,10

3705G

MIB
MESSZEUGE
GERMANY

Orig. MIB

In forged steel. Pencil leads DIN model 6484, with guides. Double hinge. Hardened tips. Polished finish.

Overall length	mm	150	200	300	500
Supplier code		04048020	04048021	04048023	04048024
3705G	Each	18,80	21,10	34,50	60,10

3720G

SCU



Prod. SCU

Spring-type, reinforced. In steel. Square rods. Through screw for rapid opening/closing. Polished finish. Hardened tips.

Overall length	mm	100	125	150	200	250	300
3720G	Each	8,26	8,70	9,50	10,80	12,80	15,30

INSIDE DIVIDERS

3721G

SCU



Prod. SCU

Product description as Art. 3720G

Overall length	mm	125	150	200	250	300
3721G	Each	8,70	9,50	11,30	13,10	15,50

OUTSIDE DIVIDERS

3723G

SCU



Prod. SCU

Product description as Art. 3720G

Overall length	mm	100	150	200	250
3723G	Each	8,70	9,50	11,30	13,10

DIVIDERS

3725G

SCU



Prod. SCU

Reinforced hardened tips model. Spring-type, reinforced. In steel. Square rods. Through screw for rapid opening/closing. Polished finish. Hardened tips.

Overall length	mm	100	125	150	200	250	300
3725G	Each	9,76	9,76	9,50	11,30	13,50	15,30

Spare steel tips (for any length) for Art. 3725 G.

O3725G Per pair 1,08

Spare tips in HARD METAL (for any length) for Art. 3725 G.

O3725GA Per pair 10,30



INSIDE DIVIDERS

Prod. SCU

Flat execution. In steel. Polished finish.

Overall length	mm	150	200	250	300	400	500
3726G	Each	7,54	9,32	12,20	14,70	22,30	26,20

SCU

3726G



OUTSIDE DIVIDERS

Prod. SCU

Product description as Art. 3726G

Overall length	mm	150	200	250	300	400	500
3727G	Each	7,54	9,32	12,20	14,70	22,30	26,20

SCU

3727G



INSIDE-OUTSIDE DIVIDERS

Orig. MIB

Product description as Art. 3726G

Overall length	mm	150	200	250	300
Supplier code		04051030	04051032	04051033	04051034
3728G	Each	22,50	27,10	30,10	37,50



3728G



SCRIBING COMPASSES

Prod. SCU

Micrometer screw. Vernier scale 1/20. In special steel, hardened steel tips.

Useful opening	mm	300	500	1000	1500	2000
3733	Each	150,00	191,00	308,00	353,00	585,00

300mm size is not supplied with micrometer screw.

Spare tips in hard metal for 3733 mm 300-500.

O3733	Per pair	34,50
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Spare tips in hardened steel for Art. 3733 mm 1000 - 1500 - 2000.

O3733A	Per pair	42,10
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SCU

INOX

3733



1/20

GRADUATED COMPASSES

Prod. SCU

Combination model for out- and inside measurements. In special steel. Graduation in mm.

In special steel. Reading 1 mm.

Max opening	mm	120	160	200
Overall length	mm	190	250	310
3741G	Each	212,00	260,00	308,00

Product running out of stock.

SCU

3741G



Orig. MIB

Product description as Art. 3741G

In hardened black aluminum, hardness 63 HRC, which guarantees excellent resistance to wear. "Made in Germany" precision execution. Laser engraved graduated scale, indelible and easy to read.

Reading 1 mm.

Max opening	mm	120	160	200	250	300
Overall length	mm	200	260	325	415	490
Supplier code		04056061	04056062	04056063	04056064	04056065
3741M	Each	105,00	120,00	143,00	165,00	203,00



3741M

new



Prod. SCU

Return spring. Steel body. Brass scale. Graduation: 1/10 mm.

Max opening	mm	10	15	20
3742G	Each	16,50	22,50	24,10

SCU

3742G



1/10



DIGITAL SLIDING CALIPER GAUGES

3743G digiMax



Prod. digiMax - Swiss made - Art. 2001

Precision digital calipers. For inside, outside and depth measurements. Technical-professional fields of application. In super-polyamid with 60% glass fiber reinforcement. Measuring range 150mm/6 inch (accuracy ±0.1 mm). Direct reading on display 0.1 (1/10) mm and 0.001 (1/1000) inch. Zero setting button for relative and incremental measurements. Inch/metric toggle switch conversion. On/off switch. Depth rod. Environmental-friendly, long life battery. Light and handy construction, unbreakable, antiacid, antireflection glass, large digits for easy readout. High quality and cost effective instrument.

In practical case.

3743G	Each	130,00
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DIALMAX SLIDING CALIPER GAUGES

3744G dialMax



Prod. dialMax - Swiss made - Art. 2921

Precision dial calipers. For inside, outside and depth measurements. Technical-professional fields of applications. In super-polyamid with 60% glass fiber reinforcement. Measuring range: 150mm. One complete dial revolution corresponds to 10 mm, in 1/10 mm increments, precision according to DIN 862. Light and handy construction. Unbreakable, antiacid. Provided with zero setting, antireflection glass, scratch-resistant. Patented knurled wheel and Supplied in handy case.

3744G	Each	43,30
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CALIMAX SLIDING CALIPER GAUGES

3745GE caliMax



Prod. caliMax - Swiss made - Art. 2901

Precision caliper with vernier scale. For inside, outside and depth measurements. Technical-didactic field of application. In super-polyamid with 60% glass fiber reinforcement. Measuring range: 150mm. Vernier scale 1/10 mm. Precision according to DIN 862. Reading without parallax errors. Light and handy construction. Unbreakable, antiacid, fluorescent vernier scale. Double reading caliper 0.1mm and 1/64inch. Supplied in handy case.

3745GE	Each	31,40
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3745GF caliMax



Prod. caliMax - Swiss made - Art. 2902

Product description as Art. 3745GE
Single reading caliper 0.1mm. Supplied in handy case.

3745GF	Each	31,40
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SMALL POCKET VERNIER CALIPERS

3746G SCU



Prod. SCU

Pocket model. In brass. Mm/inch graduation. Vernier scale 1/10mm. Tapered jaws also for outside measurements.

Measuring capacity	mm	60	80	100
	3746G	Each	7,50	7,50

PRECISION POCKET CALIPERS

3746GF MIB **INOX**



Orig. MIB

DIN 862 precision. In stainless steel, MONOBLOCK, accurate execution. With lock screw. Totally hardened, tempered jaw and tips. Graduation and vernier scale reading in 1/20 mm increments. Chrome plated finish.

Useful opening	mm	70	100
	Jaws length	mm	20 30
Supplier code		01004010	01004008
3746GF	Each	35,90	35,10

3746GL MIB **INOX**



Precision according to DIN 862. In stainless steel, finely worked. MA threading table. Model with lock screw. Totally hardened, tempered jaw and tips.

Graduation and vernier scale reading in 1/20 mm, 1/128 inch increments. Chrome plated finish.				
Useful opening	mm	150	200	300
	Jaws length	mm	40	50
Supplier code		01001002	01001016	01001025
3746GL	Each	35,90	54,20	93,10

11



Product description as Art. 3746GL

Graduation and vernier scale reading in 1/50 mm, 1/1000 inch increments. Chrome plated finish.

Useful opening	mm	150	200
Jaws length	mm	40	50
Supplier code		01001041	01001043
3746GM	Each	38,40	55,80



INOX 3746GM



1/50

Prod. SCU

Precision DIN 862. In stainless steel. Type with lock-down lever.

Totally hardened, tempered jaws and tips.

Scale and nonius with readings 1/20 of a mm, 1/128 of an inch. With table for MA and Whitworth threads. In a package.

Matt chrome plated.

Useful opening	mm	150	200
Jaws length	mm	40	40
3747B	Each	17,60	26,50



INOX 3747B



1/20

Orig. MIB

Precision according to DIN 862. In stainless steel, finely worked.

MA threading table. Lock down lever. Totally hardened, tempered jaw and tips.

Graduation and vernier scale reading 1/20 mm, 1/128 inch, chrome plated, matt.

Useful opening	mm	150	200	300
Jaws length	mm	40	50	60
Supplier code		01001001	01001015	01001026
3747D	Each	35,90	54,50	93,10



INOX 3747D



1/20

Orig. MIB - Art. 01001013

Product description as Art. 3747D

With round depth rod Ø 2mm.

Graduation and vernier scale reading in 1/20 mm, 1/128 inch increments. Chrome plated finish.

Useful opening	mm	150
Jaws length	mm	40
3747DP	Each	41,40



INOX 3747DP



Asta tonda 1/20

Orig. MIB - Art. 01001050

Precision according to DIN 862. In stainless steel, finely worked.

MA and Whitworth threading table. Lock down screw. Totally hardened, tempered jaw and tips.

Graduation and vernier scale reading in 1/20 mm. Chrome plated finish. Crystal-clear reading.

Useful opening	mm	150
Jaws length	mm	40
3747DT	Each	54,10



INOX 3747DT



1/20

Prod. SCU

Product description as Art. 3747DT

Scale and nonius with readings 1/20 of a mm, 1/128 of an inch. With level tables.

PARALLAX-FREE READINGS.

Opaque chrome finish.

Useful opening	mm	150
Jaws length	mm	40
3747DV	Each	66,40



INOX 3747DV



1/20

Orig. MIB

Precision according to DIN 862. In stainless steel, finely worked.

MA and Whitworth threading table. Lock down lever. Totally hardened, tempered jaw and tips.

Graduation and vernier scale reading in 1/50 mm, 1/1000 inch increments. Chrome plated finish.

Useful opening	mm	150	200
Jaws length	mm	40	50
Supplier code		01001040	01001042
3747E	Each	38,40	57,10



INOX 3747E



1/50



3747H



INOX



**Per
mancini**

1/20

Orig. MIB - Art. 01004001

For LEFT hand users.

Precision according to DIN 862. In stainless steel with table for MA thread. Lock down lever.

Totally hardened, tempered jaw and tips.

Graduation and vernier scale reading in 1/20 mm, 1/128 inch increments. Chrome plated finish.

Useful opening	mm	150
Jaws length	mm	40
3747H	Each	54,30

DIAL CALIPERS

3747R



INOX



1/50

Orig. MIB

Pocket model. Precision according to DIN 862. In stainless steel, hardened. With table for MA thread and locking screw.

Reading accuracy 1/50 mm (0.02). With dial for easy and rapid readout.

Useful opening	mm	100	150	200	300
Jaws length	mm	30	40	50	60
Supplier code		01004007	01004003	01004009	01004005
3747R	Each	57,10	64,50	93,10	179,00

3747S



INOX



1/50

TOP model, high precision according to DIN 862. Pocket execution in stainless steel, hardened. With table for MA thread and locking screw. Reading accuracy 1/50 mm (0.02). With dial for easy and rapid readout.

Useful opening	mm	150	200
Jaws length	mm	40	50
Supplier code		01004016	01004018
3747S	Each	67,50	91,50

3747T



INOX



1/100

Orig. MIB - Art. 01004004

Pocket model. Precision according to DIN 862. In stainless steel, hardened. With table for MA thread and locking screw.

Reading accuracy 1/100 mm (0.01). With dial for easy and rapid readout. With action roller.

Useful opening	mm	150
Jaws length	mm	40
3747T	Each	70,50

3747V



INOX



1/100

Orig. MIB - Art. 01004015

TOP model, high precision according to DIN 862. Pocket execution in stainless steel, hardened. With table for MA thread and lock screw. Reading accuracy 1/100 mm (0.01). With dial for easy and rapid readout.

Useful opening	mm	150
Jaws length	mm	40
3747V	Each	70,50

ELECTRONIC-DIGIT-CALIPERS WITH BRIDGES FOR DEPTH MEASURING

3747VB



INOX



1/100

Orig. MIB - Art. 02026109

Accuracy DIN 862. Stainless steel, hardened.

Direct reading on display with large digits for easy reading. Reset button for measures relating, compare, switching on and off. Keyboard conversion mm/inch.

With set screw. Powered by 1.5 V battery.

Reading 0.01 mm/0.0005 inches. Accuracy ± 0.03 mm.

In case.

With flat depth rod. Without operating wheel. With BRACKET FOR MEASURES OF DEPTH length 80 mm, special steel, with clamping screw.

Useful opening	mm	150
Jaws length	mm	40
3747VB	Each	67,50

BRIDGES FOR DEPTH MEASURING

3747VE



Orig. MIB - Art. 01001014

In special steel, hardened. Finely cleaned and honed. Lock screw. Suitable for all pocket and digital calipers up to 200mm.

Dimensions 100x8mm.

3747VE	Each	27,10
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Prices in EURO . VAT not included



ELECTRONIC-DIGIT-CALIPERS

Prod. SCU

Precision according to DIN 862. In hardened stainless steel.
 Direct reading on display, high digits for easy reading. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion.
 With lock screw. 1,5 V lithium battery.
 Reading 0.01 mm/0.0005 inch. Precision ± 0.03 mm.
 In case.

With flat depth rod. Without operating wheel. Without data output.

Useful opening	mm	150	200
Jaws length	mm	40	50
3747VEA	Each	32,90	65,80

SCU

INOX

3747VEA



1/100

Orig. MIB

Product description as Art. 3747VEA

Metal casing, with flat depth rod. Without operating wheel. Without data output.

Useful opening	mm	100	150
Jaws length	mm	30	40
Supplier code		02026085	02026086
3747VEB	Each	66,10	63,80



INOX

3747VEB



1/100

Professional model. Precision according to DIN 862. In stainless steel, hardened.

Direct reading on display, high digits for easy reading. Reset button for relative and comparative measurements, on and off button. Conversion button mm / inches.

With set screw. Environmental-friendly 3 V, long life lithium battery.

Reading 0.01 mm / 0.0005 in. Accuracy ± 0.03 mm.

In case.

With "HOLD" (MEMORY) additional function. With metal shell, flat depth rod. Ability to drive with or without removable wheel. Without data output.

Useful opening	mm	150	200	300
Jaws length	mm	40	50	60
Supplier code		02026240	02026241	02026242
3747VEBA	Each	69,10	128,00	173,00



INOX

3747VEBA



HOLD

1/100

Orig. MIB - Art. 02026089

Product description as Art. 3747VEBA

Metal casing, with round depth rod Ø 1.6mm. Operated with or without removable wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40
3747VEC	Each	76,50



INOX

3747VEC



HOLD

Asta tonda

1/100

Orig. MIB

Professional. Accuracy DIN 862. Stainless steel, hardened.

Direct reading on display with large digits for easy reading. Reset button for relative and compared measurements, on and off and additional functions "ABS" (ABSOLUTE REFERENCE VALUE) and "ORIGIN" (THE PRESET VALUES REMAIN UNCHANGED EVEN WHEN THE BATTERY IS CHANGED). Keyboard conversion mm/inch.

With set screw. Powered by a long life 3 V ecological lithium battery.

Reading 0.01 mm/0.0005 inches. Accuracy ± 0.03 mm.

In case.

With metal shell, flat depth rod. Ability to drive with or without removable wheel. Without data output.

Useful opening	mm	150	200
Jaws length	mm	40	50
Supplier code		02026110	02026111
3747VED	Each	79,50	101,00



INOX

3747VED



ABS

1/100

**3747VEG**

new



INOX



IP67

1/100

Precision DIN 862. In hardened stainless steel.

Direct reading on display. Power on / off and mm / inch conversion key.

With set screw. Power supply with 3 V ecological, long life lithium battery.

Reading 0.01 mm / 0.0005 in. Accuracy ± 0.03 mm.

In box.

IP 67 protection from temporary immersion in liquids and dust penetration.

With flat depth rod. Without operating wheel. Without data output.

Useful opening	mm	150	200	300
Jaws length	mm	40	50	60
Supplier code		02026310	02026311	02026312
3747VEG	Each	176,00	225,00	327,00

3747VEGA

new



INOX



IP67

Asta
tonda

1/100

Orig. MIB - Art. 02026313

Product description as Art. 3747VEG

With round depth rod $\varnothing 1.6$ mm.

Without operating wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40

3747VEGA	Each	191,00
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3747VEH

new



INOX



IP67

1/100

Orig. MIB

Professional type. Precision DIN 862. In hardened stainless steel.

Direct reading on display with large digits for easy reading.

Power on / off and mm / inch conversion key.

With set screw. Power supply with 3 V ecological, long life lithium battery.

Reading 0.01 mm / 0.0005 in. Accuracy ± 0.03 mm.

In box.

IP 67 protection from temporary immersion in liquids and dust penetration.

With flat depth rod. Without operating wheel. Without data output.

Useful opening	mm	150	200	300
Jaws length	mm	40	50	60
Supplier code		02026315	02026316	02026317
3747VEH	Each	216,00	275,00	375,00

Available on request same gauges with BLUETOOTH connection.

3747VET

INOX



IP67

HARTMETALL

1/100

With professional electronics "SYLVAC". Accuracy DIN 862.

Stainless steel, hardened.

Direct reading on display with large digits for easy reading. "MODE" and "SET" keys for relative and compared measurements, mm/inch conversion, on and off.

With set screw. Ecological battery power lithium 3 V, long lasting.

0.01 mm/0.0005 inch reader.

Accuracy ± 0.03 mm.

In slipcase. With IP67 protection against temporary immersion in liquids and dust penetration.

With additional function "ABS" (ABSOLUTE REFERENCE VALUE).

With contact tips in carbide.

With flat depth rod. Without operating wheel. Without data output.

Useful opening	mm	150	200	300
Jaws length	mm	40	50	60
Supplier code		02026098	02026205	02026090
3747VET	Each	330,00	416,00	392,00

Size 300 mm running out of stock, with stainless steel spouts.

3747VEZ

new



INOX



IP67

1/100

Prod. SCU

Precision DIN 862. In hardened stainless steel.

Direct reading on display with large digits for easy reading. "MODE" and "SET" keys for relative and compared measurements, mm/inch conversion, on and off.

With set screw. Power supply with 3 V ecological, long life lithium battery.

Read 0.01 mm / 0.0005 in.

With IP67 protection against temporary immersion in liquids and dust penetration.

With flat depth rod. Without operating wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40
3747VEZ	Each	287,00



Orig. MIB - Art. 02026065

Precision according to DIN 862. In hardened stainless steel.
 Direct reading on display, high digits for easy reading. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion.
 With lock screw. Environmental-friendly long-life lithium battery 3 V.
 Reading 0.01 mm/0.0005 inch. Precision ± 0.03 mm.
 In case.
 With "HOLD" (MEMORY) additional function. With round depth rod Ø 1.6mm. Operated with or without removable wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40
3747VGL	Each	61,50



INOX

3747VGL



HOLD

Asta tonda

1/100

Orig. MIB

Precision according to DIN 862. In hardened stainless steel.
 Direct reading on display, high digits for easy reading. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion.
 With lock screw. 1,5 V lithium battery.
 Reading 0.01 mm/0.0005 inch. Precision ± 0.03 mm.
 In case.
 With flat depth rod. With actioning roller. Without possibility of data output.

Useful opening	mm	150	200	300
Jaws length	mm	40	50	60
Supplier code		02026006	02026007	02026008
3747VGP	Each	54,10	91,50	158,00



INOX

3747VGP



1/100

Precision according to DIN 862. In hardened stainless steel.
 Direct reading on display, high digits for easy reading. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion.
 With lock screw. Environmental-friendly long-life lithium battery 3 V.
 Reading 0.01 mm/0.0005 inch. Precision ± 0.03 mm.
 In case.
 With "HOLD" (MEMORY) additional function. With contacts reported in hard metal, both on jaws and tips.
 With flat depth rod. Operated with or without removable wheel. Without data output.

Useful opening	mm	150	200
Jaws length	mm	40	50
Supplier code		02026033	02026041
3747VGR	Each	111,00	165,00



INOX

3747VGR



HOLD

HARTMETALL

1/100

Professional. Accuracy DIN 862. In hardened stainless steel. Vitrified pole for a more accurate scan.
 Direct reading on display with large digits for easy reading. Reset button for relative and compared measurements, on and off and additional functions "ABS" (ABSOLUTE REFERENCE VALUE) and "ORIGIN" (THE PRESET VALUES REMAIN UNCHANGED EVEN WHEN THE BATTERY IS CHANGED). Keyboard conversion mm/inch.
 With set screw. Ecological battery power lithium 3 V, long lasting.
 0.01 mm/0.0005 reader inch. Accuracy ± 0.03 mm.
 In slipcase.
 With IP 54 protection from moisture and dust penetration. With flat depth rod. Without data output (RB6).
 Ability to drive with or without removable wheel.

Useful opening	mm	150	200	300
Jaws length	mm	40	50	60
Supplier code		02026210	02026211	02026212
3747VGTA	Each	128,00	165,00	216,00



INOX

3747VGTA



ABS

1/100

Precision according to DIN 862. In hardened stainless steel.
 Direct reading on display, high digits for easy reading. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion.
 With lock screw. Environmental-friendly long-life lithium battery 3 V.
 Reading 0.01 mm/0.0005 inch. Precision ± 0.03 mm.
 In case.
 With "HOLD" (MEMORY) additional function. With flat depth rod. Operated with or without removable wheel. Without data output.

Useful opening	mm	150	200	300
Jaws length	mm	40	50	60
Supplier code		02026195	02026196	02026197
3747VGU	Each	54,10	94,50	158,00



INOX

3747VGU



HOLD

1/100



3747ZE



INOX



ABS **Per mancini** **1/100**

Orig. MIB - Art. 02026034

Precision according to DIN 862. In hardened stainless steel. Direct reading on display, high digits for easy reading. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion. With lock screw. 1,5 V lithium battery. Reading 0.01 mm/0.0005 inch. Precision ± 0.03 mm. In case. For LEFT hand users. With additional "ABS" (ABSOLUTE VALUE OF REFERENCE). With flat depth rod. Without operating wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40
3747ZE	Each	116,00

3747ZG



INOX



HOLD **1/100**

Orig. MIB - Art. 02026049

Precision according to DIN 862. In hardened stainless steel. Direct reading on display, high digits for easy reading. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion. With lock screw. Environmental-friendly long-life lithium battery 3 V. Reading 0.01 mm/0.0005 inch. Precision ± 0.03 mm. In case. With "HOLD" (MEMORY) additional function. Tips 35mm long, for inside and outside measurements from 8mm. Metal casing, with flat depth rod. Without operating wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40
3747ZG	Each	155,00

3747ZL



INOX



HOLD **1/100**

Orig. MIB - Art. 02026053

Product description as Art. 3747ZG. With "HOLD" (MEMORY) additional function. Noses 80mm long. Metal casing, with flat depth rod, without operating wheel. Without data output.

Useful opening	mm	200
Jaws length	mm	80
3747ZL	Each	215,00

3747ZP



INOX



HOLD **1/100**

Orig. MIB - Art. 02026101

Product description as Art. 3747ZG. With "HOLD" (MEMORY) additional function. With thin noses, 0.75mm, to measure necks. With metal shell, flat depth rod, without drive wheel. Without data output.

Useful opening	mm	150
Noses overall length	mm	40
Noses thin side length	mm	18
3747ZP	Each	101,00

3747ZT



INOX



HOLD **1/100**

Orig. MIB - Art. 02026103

Product description as Art. 3747ZG. With "HOLD" (MEMORY) additional function. With acute pointed tips, 15°, to measure in hard-to-access areas. With metal shell, flat depth rod, without drive wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40
3747ZT	Each	102,00

PRECISION POCKET CALIPERS

3748



1/20



Orig. MIB

In special steel, chrome plated graduated rod and vernier scale, matt. Micromatic screw, completely hardened. Graduation and vernier scale reading in 1/20 mm. In case. Tipped.

Useful opening	mm	200	300
Jaws length	mm	45	55
Supplier code		01001020	01001021
3748	Each	54,20	76,20

11



Professional model, long jaws. Precision according to DIN 862. In stainless steel MONOBLOCK. Chrome plated graduated rod and vernier scale, matt finish. Totally hardened. Finely ground surface. Graduation and vernier scale reading in 1/20 mm, 1/128 inch.

Without tips.

Useful opening	mm	200	300	500
Jaws length	mm	60	90	150
Supplier code		01011050	01011052	01011059
3748 3	Each	101,00	161,00	375,00



INOX

3748 3



1/20

Product description as Art. 3748 3

Tipped.

Useful opening	mm	200	300	500
Jaws length	mm	60	90	150
Supplier code		01013040	01013042	01013046
3748 4	Each	108,00	198,00	443,00



INOX

3748 4



1/20

Long noses model. Precision according to DIN 862. In stainless steel MONOBLOCK, graduated rod and vernier scale, matt finish. With micrometric screw. Totally hardened. Ground surface. Graduation and vernier scale reading in 1/20 mm, 1/128 inch.

Without tips.

Useful opening	mm	200	300
Jaws length	mm	60	100
Supplier code		01009060	01009062
3748 5	Each	108,00	150,00



INOX

3748 5



1/20

Product description as Art. 3748 5

Tipped.

Useful opening	mm	200	300
Jaws length	mm	60	100
Supplier code		01009065	01009067
3748 5E	Each	120,00	180,00



INOX

3748 5E



1/20

Industrial, extra-heavy model, long jaws. Precision according to DIN 862. In stainless steel. Chrome plated graduated rod and vernier scale, matt finish. Micrometer screw. Totally hardened. Finely ground surface. Graduation and vernier scale reading in 1/20 mm, 1/128 inch.

Without tips.

Useful opening	mm	200	300	400	500	800	1000
Jaws length	mm	60	90	125	150	150	150
Supplier code		01012050	01012052	01012055	01012059	01012067	01012071
3748 6	Each	105,00	173,00	342,00	405,00	735,00	825,00



INOX

3748 6



1/20

Product description as Art. 3748 6

Tipped.

Useful opening	mm	200	300	400	500	800	1000
Jaws length	mm	60	90	125	150	150	150
Supplier code		01014040	01014042	01014043	01014046	01014051	01014054
3748 7	Each	117,00	225,00	405,00	488,00	908,00	990,00



INOX

3748 7



1/20

Prod. SCU

Professional model, long jaws. Precision according to DIN 862. In stainless steel. Chrome plated graduated rod and vernier scale, matt finish.

Micrometer screw. Totally hardened. Finely ground surface.

Graduation and vernier scale reading in 1/50 mm. In case.

Without tips.

Useful opening	mm	300	400	500	800	1000
Jaws length	mm	100	125	150	150	150
3748A	Each	199,00	319,00	397,00	810,00	945,00



INOX

3748A



1/50

Product description as Art. 3748A

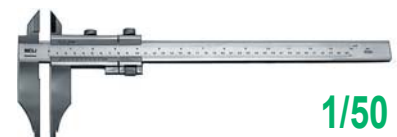
Tipped.

Useful opening	mm	300	400	500	800	1000
Jaws length	mm	100	125	150	150	150
3748B	Each	227,00	434,00	555,00	990,00	1.130,00



INOX

3748B



1/50



ELECTRONIC-DIGIT-CALIPERS

3748C



INOX

Orig. MIB

Precision DIN 862.

In stainless steel. With micrometer screw and graded rod. Reading directly on display with extra-large figures for easy reading. Reset button for relative and incremental measurements and for switching on/off. Metric/inches conversion button. "ABS" (Absolute Reference Value) and "PRESET" button. With lock-down screw. Powered by ecological, long-life 3V lithium batteries. Readings 0.01 mm/ 0.0005 inch.



ABS

1/100

Without tips. Without data output.

Useful opening	mm	300	500	1000
Jaws length	mm	150	150	150
Precision	mm	0,03	0,05	0,07
Supplier code		02026057	02027009	02027008
3748C	Each	338,00	375,00	848,00

Art. 3748 C 300 is without "ABS" function, but with "HOLD" function.

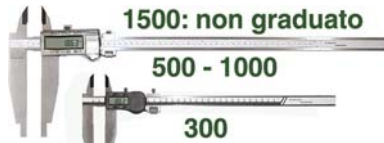
3748D



INOX

Precision DIN 862.

In stainless steel. With micrometer screw and graded rod (only size 1500 with ungraded rod). Reading directly on display with extra-large figures for easy reading. Reset button for relative and incremental measurements and for switching on/off. Metric/inches conversion button. "ABS" (Absolute Reference Value) and "PRESET" button. With lock-down screw. Powered by ecological, long-life 3 V lithium batteries. Readings 0.01 mm/ 0.0005 inch.



ABS

1/100

With tips. Without data output.

Useful opening	mm	300	500	1000	1500
Jaws length	mm	90	150	150	200
Precision	mm	0,03	0,05	0,07	0,10
Supplier code		02027011	02027015	02027016	02027017
3748D	Each	300,00	495,00	927,00	2.150,00

The Art. 3748 D 300 without "ABS" and "PRESET" and it is supplied with battery 1.5 V.

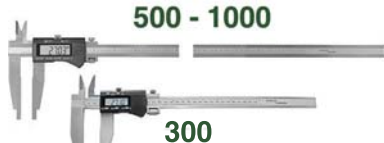
3748E



INOX

Precision according to DIN 862.

In stainless steel. With micrometer screw and graduated rod. Direct reading on display, high digits for easy reading. Reset button, for relative and comparative measurements, on and off buttons. Conversion button mm / inches. "ABS" (Absolute Reference Value) and "PRESET" buttons. With set screw. Environmental-friendly 3 V, long life lithium battery. Reading 0.01 mm / 0.0005 in.



ABS

1/100

Phillips pointed for internal measures. Without data output.

Useful opening	mm	300	500	1000
Jaws length	mm	90	150	150
Precision	mm	0,04	0,05	0,10
Supplier code		02027030	02027031	02027033
3748E	Each	375,00	600,00	975,00

The Art. 3748 E 300 without "PRESET" function, but with "HOLD" function (MEMORY).

SLIDING GAUGES FOR DEPTH MEASUREMENTS

3748L



INOX

Orig. MIB

Precision according to DIN 862. In stainless steel. With graduated rod and vernier scale, matt finish. Lock screw. Totally hardened. Finely ground surface.

Graduation and vernier scale reading in 1/20 mm. Tapered rod end.



1/20

Useful opening	mm	150	200	300	400	500
Support base length	mm	100	100	100	150	150
Supplier code		01015041	01015043	01015048	01015052	01015053
3748L	Each	48,10	55,50	69,80	125,00	155,00

3748P



INOX

Precision according to DIN 862. In stainless steel. Chrome plated graduated rod and vernier scale, matt finish. Lock screw. Totally hardened. Finely ground surface.

Graduation and vernier scale reading in 1/20 mm. Combination model with a rod extremity bent at 90° and the other one tapered.



1/20

Useful opening	mm	200	300
Support base length	mm	100	150
Supplier code		01016023	01016028
3748P	Each	96,10	117,00

11

Prices in EURO . VAT not included



Orig. MIB - Art. 01016051

Precision according to DIN 862. In stainless steel, chrome plated graduated rod and vernier scale, matt. With lock screw. Completely hardened. Finely ground surface. Graduation and vernier scale reading in 1/20 mm. Pivot rod end.

Useful opening	mm	200
Support base length	mm	100
Pivot Ø	mm	1,6
Pivot length	mm	6
3748PE	Each	70,50



INOX

3748PE



1/20

Orig. MIB - Art. 01015015

In special steel, chrome plated graduated rod and vernier scale, matt. With lock screw. Completely hardened. Finely ground surface. Graduation and vernier scale reading in 1/50 mm. Hooked rod end.

Useful opening	mm	200
Support base length	mm	100
Hook extension	mm	7,5
3748PG	Each	75,10



3748PG



1/50

ELECTRONIC DIGIT DEPTH GAUGES STAINLESS STEEL WITH DIAL

Prod. SCU

Accuracy DIN 862. In hardened stainless steel. Direct reading on display with large digits for easy reading. Keys for reset, relative measurements, comparing and turning on and off. Conversion key mm / in. With set screw. Power supply with 1.5 V ecological, long life lithium battery. Reading 0.01 mm / 0.0005 in. Tapered rod end. Without operating wheel.

Useful opening	mm	150	200	300	500
Support base length	mm	100	100	150	150
3748PR	Each	115,00	136,00	210,00	370,00



INOX

3748PR
new



1/100

Precision DIN 862. In hardened stainless steel. Direct reading on display with large digits for easy reading. "MODE" and "SET" keys for relative and compared measurements, mm/inch conversion, on and off. With set screw. Power supply with 3 V ecological, long life lithium battery. Read 0.01 mm / 0.0005 in. With IP67 protection against temporary immersion in liquids and dust penetration. Tapered rod end. Without operating wheel.

Useful opening	mm	150	300
Support base length	mm	100	150
3748PS	Each	250,00	389,00



INOX

3748PS
new



IP67 1/100

Orig. MIB

Precision according to DIN 862. In hardened stainless steel. Direct reading on display, high digits for easy reading. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion. With lock screw. Environmental-friendly long-life lithium battery 3 V. Reading 0.01 mm/0.0005 inch. With "HOLD" (MEMORY) additional function. Tapered rod end. Metal casing, without operation wheel.

Useful opening	mm	150	200	300
Support base length	mm	100	100	150
Supplier code		02026170	02026171	02026172
3748R	Each	94,50	117,00	188,00



INOX

3748R



HOLD 1/100

3-5 POINT VERNIER CALIPERS

Prod. SCU

In stainless steel. Lock screw. Totally hardened. Chrome plated graduated rod and vernier scale, matt. Graduation and vernier scale reading in 1/20 mm, 1/128 inch. Suitable to measure tools with three cutting edges. Effective opening: 4 to 40mm. With three points.

3748S	Each	103,00
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INOX

3748S



1/20

In stainless steel. Lock screw. Totally hardened. Chrome plated graduated rod and vernier scale, matt. Graduation and vernier scale reading in 1/20 mm, 1/128 inch. Suitable to measure tools with five cutting edges. Effective opening: 2 to 40mm. With five points.

3748T	Each	103,00
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INOX

3748T



1/20



SQUARE VERNIER CALIPERS

3748V



1/20

Orig. MIB

DIN 862 precision. In special steel chrome plated. Micrometer screw. Graduation and vernier scale reading in 1/20 mm.

Useful opening	mm	250	500
Bracket length	mm	140	160
Supplier code		01006004	01006006
3748V	Each	168,00	353,00

CALIPERS FOR BREAK DISCS

3748Z



INOX

1/10

Orig. MIB - Art. 01007015

In stainless steel. Chrome-plated graduated rod and vernier scale, matt. Set screw. Totally hardened. Graduation and vernier scale reading in 1/10 mm.

Fixed contact tips.
Effective opening: 0 to 50mm. Jaw length: 80mm.

3748Z	Each	69,10
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DIGITAL GAUGES FOR DISC BRAKES

3748ZE



INOX

HOLD 1/100

Orig. MIB - Art. 01007022

In hardened stainless steel.

Direct reading on display, with high digits for easy reading. Reset button for relative and incremental measurements, on and off buttons. Conversion button mm / inches. With set screw. Operated by one 1.5 V battery. Reading 0.01 mm. With additional "HOLD" (MEMORY) function.

With fixed contact tips.
Opening 0-50 mm, beaks length 50 mm.

3748ZE	Each	111,00
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VERNIER DIGITAL CALIPERS FOR WALL THICKNESS

3749A



INOX

1/100

Orig. MIB - Art. 02026060

Precision according to DIN 862. In hardened stainless steel.

Direct reading on display, with high digits for easy reading. Zero setting button for relative and incremental measurements, on/off switch. With lock screw. 1,5 V lithium battery. With conversion mm/inch button. Reading 0.01mm. Effective opening 4-150mm. Nose length 35mm. Pivot diameter 4mm.

3749A	Each	173,00
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Product running out of stock.

DRAWING VERNIER CALIPERS

3749B



INOX

1/10

Prod. SCU

In stainless steel, MONOBLOCK. Lock screw. Totally hardened. Interamente temprate.

Interchangeable drawing tip. Graduation and vernier scale reading in 1/10 mm. Effective opening: Supplied with tip.

3749B	Each	32,70
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For markers see Art. 4328 G and 4328 GE

Spare drawing tip for Art. 3749 B.

O3749B	Each	4,66
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INTERNAL GROOVE VERNIER CALIPERS

3749C



INOX

1/20

Orig. MIB

DIN 862 precision. In stainless steel.

With lock screw. Hardened measuring surfaces.

Graduation and vernier scale in 1/20 mm. Chrome plated finish.

Min useful opening	mm	10	20
Max useful opening	mm	160	160
Jaws length	mm	25	40
Measuring teeth length	mm	3	5
Supplier code		01006012	01006013
3749C	Each	92,10	97,70

11



DIGITAL INTERNAL GROOVE VERNIER CALIPERS

Orig. MIB - Art. 02026040

In hardened stainless steel. Direct reading on display, large digits for easy reading. Reset key for relative, incremental measurements, on-off key, P+/P- keys for starting measurement preset. Lock screw. Environmental-friendly long-life lithium battery 3 V.

Reading accuracy 0.01mm.

Metal housing, without thumbwheel.



INOX

3749CE



1/100

Min useful opening	mm	24
Max useful opening	mm	170
Jaws length	mm	30
Measuring teeth length	mm	5
Measuring teeth Ø	mm	2
3749CE	Each	168,00

COMPASS VERNIER CALIPERS

Orig. MIB

In special steel.

Completely hardened. Finely ground surface.

Graduated scale with 1/10 mm reading. With lock screw.

Useful opening	mm	200	300
Jaws length	mm	40	40
Supplier code		01007031	01007032
3749D	Each	114,00	135,00



3749D



1/10

GEAR TEETH VERNIER CALIPERS

Prod. SCU

In stainless steel.

Double slider with micrometer advance. Nonius 1/50 of a mm. Matt finish. To measure the thickness and height of gear teeth. In a box.

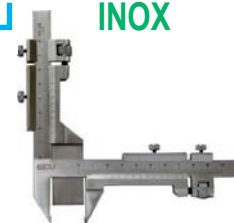
For gears modules	mm	1÷26
3749E	Each	146,00

The electronic digital version is available on request.



INOX

3749E



1/50

POCKET SLIDING CALIPERS

Prod. SCU - Orig. Helios-Preisser

DIN 682 Precision.

In high quality stainless steel, totally hardened. Chrome plated matt finish, antireflection for sharp reading.

Precision. Graduation and vernier scale reading in 1/20 mm, 1/128 inch. With lever. Supplied in

Useful opening	mm	150
Noses length	mm	40
3749G	Each	59,20



INOX

3749G



1/20

Product description as Art. 3749G

Precision gauge. Graduation and vernier scale reading in 1/20 mm, 1/128 inch.

Useful opening	mm	200
Noses length	mm	40
3749GB	Each	88,80



INOX

3749GB



1/20

Product description as Art. 3749G

Precision. Graduation and vernier scale reading in 1/20 mm, 1/128 inch. With lever. Supplied in

Useful opening	mm	150
Noses length	mm	40
3749GE	Each	59,20



INOX

3749GE



1/20

**3749GF** SCU INOXAsta
tonda

1/50

Product description as Art. 3749G

Precision. Graduation and vernier scale reading in 1/50 mm, 1/1000 inch. With screw and round depth bar. Supplied in case.

Useful opening mm 200
Noses length mm 40**3749GF** Each **92,80****3749GT** SCU INOXAsta
tonda

1/20

Product description as Art. 3749G

Precision model. Graduation and vernier scale reading in 1/20mm, 1/128 inch.

High precision. Round rod for depth measurements.

Useful opening mm 150
Noses length mm 40**3749GT** Each **70,10****3749GV** SCU INOXAsta
tonda

1/20

Product description as Art. 3749G

Precision. Graduation and vernier scale reading in 1/20 mm, 1/128 inch.

With round depth rod. With lock screw. Supplied in case.

Useful opening mm 150
Noses length mm 40**3749GV** Each **70,10****3750G** SCU INOX

1/20

Product description as Art. 3749G

Graduation and vernier scale with reading in 1/20 mm, 1/128 inch.

Reading without parallax errors. With lever. Supplied in case.

Useful opening mm 150
Noses length mm 40**3750G** Each **79,40****3751G** SCU INOX

1/20

Product description as Art. 3749G

Graduation and vernier scale reading in 1/20 mm, 1/128 inch.

Parallel planes without parallax errors. With screw. Supplied in case.

Useful opening mm 150
Noses length mm 40**3751G** Each **79,40****DIAL CALIPERS****3756G** SCU INOX

1/50

Prod. SCU - Orig. Helios-Preisser

Precision according to DIN 862. In stainless steel, hardened. With dial for easy and rapid readout.

Antishock movement makes the dial robust and precise. One complete dial revolution

corresponds to 2mm. Sharp reading dial with zero setting. Reading increments 1/50 mm (0.02).

Supplied in wallet.

Useful opening mm 150
Noses length mm 40**3756G** Each **175,00****ELECTRONIC-DIGIT-CALIPERS****3759GA** SCU INOXAsta
tonda

1/100

Prod. SCU - Orig. Helios-Preisser

Precision according to DIN 862. In high quality stainless steel, totally hardened. Direct reading on

high contrast display. Digits 7,5mm high for easy reading. Reading precision assured by high

precision tooling and coupling of sliding and contacting parts. Repeatability $\pm 0,01$ mm.

Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle

switch conversion. Lock screw and depth rod (except Art. 3759 GF). Environmental-friendly, long

life lithium battery.

Readings: 0.01 mm/0,0005 inch.

Max. response speed: 1 m/s

min/max working temperature: 10-50 °C

Supplied in case.

PROFESSIONAL model.

Without data output.

Useful opening mm 150
Noses length mm 40**3759GA** Each **294,00**



Product description as Art. 3759GA
 Readings: 0.01 mm/0,0005 inch.
 Max. response speed: 1 m/s
 min/max working temperature: 10-50 °C
 Supplied in case.
 PROFESSIONAL model.
 With possibility of data output.

Useful opening	mm	150
Noses length	mm	40

3759GE	Each	382,00
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SCU INOX 3759GE

Asta tonda 1/100 CE

Product description as Art. 3759GA
 Readings: 0.01 mm/0,0005 inch.
 Max. response speed: 1 m/s
 min/max working temperature: 10-50 °C
 Supplied in case.
 PROFESSIONAL model.
 With possibility of data output.

Useful opening	mm	200
Noses length	mm	50

3759GF	Each	482,00
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SCU INOX 3759GF

1/100 CE

Precision according to DIN 862.
 In high quality stainless steel, totally hardened. Direct reading on high contrast display. Digits 7.5mm high for easy reading. Reading precision assured by high precision tooling and coupling of sliding and contacting parts. Repeatability ± 0.01 mm. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion. With lock screw. Environmental-friendly, long life lithium battery.

Readings: 0.01 mm/0,0005 inch.
 Max. response speed: 1 m/s
 min/max working temperature: 10-50 °C
 Supplied in case.
 PROFESSIONAL model
 Without data output.

Useful opening	mm	300
Noses length	mm	60

3759GH	Each	619,00
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SCU INOX 3759GH

1/100 CE

Precision according to DIN 862. In high quality stainless steel, totally hardened. Direct reading on high contrast display. Digits 6mm high. Reading precision assured by high precision tooling and coupling of sliding and contacting parts. Repeatability ± 0,01 mm. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion. Lock screw and depth rod. Environmental-friendly, long life lithium battery.
 Readings: 0.01 mm/0.0005 inch.
 Max response speed: 1 m/s
 min/max working temperature: 10-50 °C
 Supplied in case. PROFESSIONAL model, IP 65 protection against splash water, oil, dust, ecc., according to EN 60529 standards. Graduated rod.
 With data output.

Useful opening	mm	150
Noses length	mm	40

3760GA	Each	425,00
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SCU INOX 3760GA

Asta tonda IP65 1/100 CE

Precision according to DIN 862.
 In high quality stainless steel, totally hardened. Direct reading on high contrast display. Digits 7.5mm high for easy reading. Reading precision assured by high precision tooling and coupling of sliding and contacting parts. Repeatability ± 0.01 mm. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion. With lock screw and round depth rod. Environmental-friendly, long life lithium battery.
 IP 67 protection against temporary immersion in liquids and dust penetration according to EN60529 standard.
 Readings: 0.01 mm/0,0005 inch.
 Max. response speed: 1 m/s
 min/max working temperature: 10-50 °C
 Supplied in case.
 PROFESSIONAL model
 Without data output.

Useful opening	mm	150
Noses length	mm	40

3760GE	Each	425,00
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SCU INOX 3760GE

Asta tonda IP67 1/100 CE



BRIDGES FOR DEPTH MEASURING

3760GS SCU INOX



Prod. SCU - Orig. Helios-Preisser

In stainless steel. Lock screw. Base dimensions: 75x5mm. Suitable to all types of pocket and digit Helios-Preisser calipers.

3760GS	Each	57,90
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ELECTRONIC-DIGIT-CALIPERS

3775G SCU INOX



1/100 CE

Prod. SCU - Orig. Helios-Preisser

Precision according to DIN 862.

In high quality stainless steel, totally hardened. Direct reading on high contrast display. Digits 6mm high. Reading precision assured by high precision tooling and coupling of sliding and contacting parts. Repeatability ± 0.01 mm. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion. With lock screw. Environmental-friendly, long life lithium battery.

Reading: 0.01mm/0,0005 inch.

Max reply speed: 1 m/s

Min/max working temperature: 10-50 °C

Supplied in case.

PROFESSIONAL type.

With micrometric screw.

Data output function.

Useful opening	mm	300	500
Jaws length	mm	90	125
3775G	Each	1.100,00	1.550,00

3781GE SCU INOX



1/100 CE

Product description as Art. 3775G

Reading: 0.01mm/0,0005 inch.

Max reply speed: 1 m/s

Min/max working temperature: 10-50 °C

Supplied in case.

PROFESSIONAL type.

With tips and micrometric screw.

With data output function.

Useful opening	mm	300	500	800
Jaws length	mm	90	125	150
3781GE	Each	1.200,00	1.770,00	2.720,00

SLIDING GAUGES FOR DEPTH MEASUREMENTS

3781GN SCU INOX



1/20

Prod. SCU - Orig. Helios-Preisser

Precision according to DIN 862. In stainless steel. Very stable execution.

Lock screw. Hardened measuring surfaces. Vernier scale 1/20 mm.

Chrome plated finish, matt.

Straigh measuring rod.

Useful opening	mm	200	300	500
Support base length	mm	100	100	150
3781GN	Each	213,00	240,00	393,00

ELECTRONIC DIGIT DEPTH GAUGES STAINLESS STEEL WITH DIAL

3781GRA SCU INOX



1/100 CE

Prod. SCU - Orig. Helios-Preisser

In high quality stainless steel, totally hardened. Direct reading on high contrast display. Digits 6mm high for easy reading. Reading precision assured by high precision tooling and coupling of sliding and contacting parts. Repeatability ± 0.01 mm. Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion. With lock screw. Environmental-friendly, long life lithium battery.

Readings: 0.01 mm/0,0005 inch.

Max. response speed: 1 m/s

min/max working temperature: 10-50 °C

Supplied in case.

PROFESSIONAL model

With straight tapered rod extremity.

Useful opening	mm	200	300
Support base length	mm	100	150
Rod section	mm	12x4	12x4
3781GRA	Each	963,00	1.090,00

11



Product description as Art. 3781GRA
 Readings: 0.01 mm/0,0005 inch.
 Max. response speed: 1 m/s
 min/max working temperature: 10-50 °C
 Supplied in case.
 PROFESSIONAL model
 With rod extremity bent at 90°.

Useful opening	mm	300
Support base length	mm	150
Rod section	mm	12x4
3781GS	Each	1.120,00



EXTERNAL GROOVE VERNIER CALIPERS

Prod. SCU - Orig. Helios-Preisser
 In stainless steel. Very stable execution.
 Contact parts hardened and ground. Scale and nonius 1/20 of a mm, 1/128 of an inch.
 With matt chrome finish.

Useful opening	mm	300
Jaws length	mm	90
Contact noses thicknesses	mm	1,5
3781GZ	Each	700,00



EXTERNAL MICROMETERS

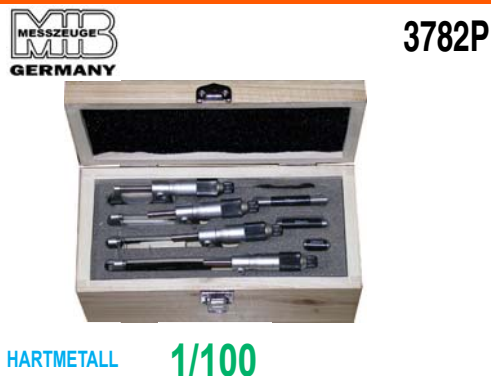
Orig. MIB
 Standard model according to DIN 863.
 Contact surfaces in hardmetal.
 Matt chrome plated reading knob. Increments 1/100 mm.
 Ratchet screw, locking lever and heatproof gripping pads.
 Setting gauge 25mm onwards. Supplied in case.

Capacity	mm	0-25	25-50	50-75	75-100	100-125	125-150
Supplier code		01017070	01017071	01017072	01017073	01017074	01017075
3782L	Each	50,30	54,10	58,50	63,80	75,10	84,10
Capacity	mm	150-175	175-200	200-225	225-250	250-275	275-300
Supplier code		01017056	01017057	01017058	01017059	01017060	01017061
3782L	Each	96,10	110,00	122,00	134,00	141,00	162,00



Orig. MIB - Art. 01017080
 4-micrometers set Art. 3782 L measuring ranges: 0-25, 25-50, 50-75, 75-100mm.
 Supplied in case.

3782P	Each	228,00
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Orig. MIB
 Professional model, DIN 863. Contact surfaces in hardmetal. Matt chrome plated reading knob.
 Increments in 1/100 mm. Friction thimble, locking lever and heatproof gripping pads. Setting gauge 25mm onwards.
 Supplied in case.

Capacity	mm	0-25	25-50	50-75	75-100
Supplier code		01019050	01019051	01019052	01019053
3782S	Each	54,10	57,10	60,80	69,10



Prices in EURO . VAT not included

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3782T



HARTMETALL 1/100

Orig. MIB - Art. 01019054

4-micrometres set Art. 3782 S measuring ranges: 0-25, 25-50, 50-75, 75-100mm. Supplied in case.

3782T Each 248,00

3783GE



HARTMETALL 1/100

Orig. MIB

Precision type, DIN 863. Oversize thimble Ø 25mm. Contact surfaces in hardmetal on rod Ø 8mm. Matt chrome plated reading knob. Increments in 1/100 mm. Friction thimble, locking lever and heatproof gripping pads. Setting gauge 25mm onwards. Supplied in case.

Capacity	mm	0-25	25-50	50-75	75-100
Supplier code		01019090	01019091	01019092	01019093
3783GE	Each	111,00	117,00	138,00	144,00

3786



HARTMETALL 1/100

Precision and high capacity model. Contact surfaces in hardmetal. Interchangeable measuring rods. Steel bow. Matt chrome plated graduated parts. Increments in 1/100 mm. Ratchet screw and locking lever. Setting gauge supplied in case together with the micrometer.

Capacity	mm	0-100	100-200	200-300	300-400
Supplier code		01019059	01019062	01019063	01019065
3786	Each	293,00	405,00	416,00	528,00
Capacity	mm	400-500	500-600	600-700	700-800
Supplier code		01019066	01019067	01019068	01019069
3786	Each	630,00	705,00	885,00	1.040,00

Sizes 300-400 / 400-500 / 500-600 / 600-700 / 700-800 are provided with tubular steel arc.

3786L



Per mancini HARTMETALL 1/100

Orig. MIB - Art. 01018030

Model for use also with LEFT hand, DIN 863, double scale. Contact points in hardmetal. Matt chrome plated reading knob. Increments 1/100 mm. Ratchet screw, locking lever and heatproof gripping pads. Supplied in case.

Capacity	mm	0-25
3786L	Each	57,10

3786T



1/100

Orig. MIB

Precision type, DIN 863. Fine, flat contact tips 0.75x6.5mm on Ø 8mm rod. Indicated for measurement of necks, slots, splined shafts, etc. Reading parts with matt chrome finish. Division 1/100 of a mm. Ratchet screw and heatproof gripping pads. Control measurements from 25mm onwards. Boxed.

Capacity	mm	0-25	25-50
Supplier code		01020077	01020078
3786T	Each	275,00	285,00

11



Precision type, DIN 863.
 Reduced Ø contact tips 2x5mm on Ø 6.5mm rod.
 Reading parts with matt chrome finish. Division 1/100 of a mm.
 Ratchet screw, locking lever and heatproof gripping pads. Control measurements from 25mm onwards.
 Boxed.
 Capacity mm **0-25** **25-50**
 Supplier code 01020075 01020076
3787G Each **138,00** **153,00**



3787G



1/100

EXTERNAL MICROMETERS WITH DIGITAL READING

Orig. MIB
 Precision model, DIN 863.
 Hard metal contact tips.
 Hardened and ground measuring rod.
 Matt chrome finish graded parts.
 Division 1/100 of mm.
 Ratchet screw, locking lever and heatproof gripping pads. Control measurements from 25mm onwards.
 Boxed.
 Capacity mm **0-25** **25-50**
 Supplier code 01019001 01019002
3788 Each **107,00** **120,00**



3788



HARTMETALL 1/100

PRECISION EXTERNAL ELECTRONIC MICROMETERS

Orig. MIB
 Easy-to-use type with excellent quality/price ratio. Precision DIN 863, for absolute and relative linear measurements.
 Ratchet inserted in the drum for exact pressure of the hard metal contact tips.
 Direct reading on viewer 0.001 mm.
 1,5 V battery-powered. Control measurements from 25mm onwards.
 In case.
 Capacity mm **0-25** **25-50** **50-75** **75-100**
 Supplier code 02029090 02029091 02029092 02029093
3788T Each **150,00** **188,00** **203,00** **218,00**



3788T



HARTMETALL 1/1000

Precision type DIN 863, for absolute and relative linear measurements.
 Ratchet screw for exact pressure of the hard metal contact tips.
 Direct reading on viewer 0.001 mm. Locking screw and heatproof gripping pads.
 1,5 V Battery-powered. Control measurements from 25mm onwards.
 Boxed.
 Capacity mm **0-25** **25-50** **50-75** **75-100**
 Supplier code 02030030 02030031 02030032 02030033
3789B Each **203,00** **237,00** **270,00** **285,00**



3789B



HARTMETALL 1/1000

Accuracy DIN 863 model, for absolute and relative measures.
 "ABS" (ABSOLUTE VALUE).
 Ratchet screw for the exact pressure of contact drills in hard metal.
 Direct reading on reader 0.001 mm.
 Includes lock screw.
 1,5 V battery power. With IP 65 protection from splashing water, oils, powders etc. With control measures 25 mm onwards.
 In slipcase.
 Capacity mm **0-25** **25-50** **50-75** **75-100**
 Supplier code - 02030081 02030082 02030083
3789C Each **205,00** **263,00** **315,00** **360,00**



ABS 3789C



IP65 HARTMETALL 1/1000

The size 0-25 is prod. SCU instead of Orig. MIB.

model of accuracy DIN 863, for absolute and relative measures.
 "ABS" (ABSOLUTE VALUE).
 Ratchet screw for the exact pressure of contact drills in hard metal. With a fast forward of the stem: 2 MM for EACH TURN of the drum.
 Direct reading on reader 0.001 mm.
 Includes lock screw and athermic pillows.
 1,5 V battery power. With IP 65 protection from splashing water, oils, powders etc. With control measures 25 mm onwards.
 In slipcase.
 Capacity mm **0-25** **25-50**
 Supplier code 02030090 02030091
3789D Each **338,00** **375,00**



ABS 3789D



IP65 HARTMETALL 1/1000



3789E



IP54



HARTMETALL

1/1000

Precision type DIN 863, for absolute and relative linear and tolerance measurements. Ratchet screw for exact pressure of the hard metal contact tips. Dual measurement scale: millimetres and inches. Direct reading on viewer 0.001 mm (0.00005"). Large sized figures for easy, precise measurement. Automatic switch-off. Locking lever and heatproof gripping pads. 1,5 V battery-powered. With IP54 protection against splashing water. Control measurements from 25mm onwards.

In case.

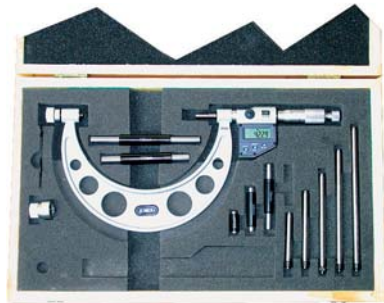
Capacity	mm	0-25	25-50	50-75	75-100
Supplier code		02030014	02030015	02030016	02030017
3789E	Each	251,00	267,00	290,00	321,00

Product running out of stock.

3791G



IP54



HARTMETALL

1/1000

Precision and wide measuring range model. Contact surfaces in hardmetal. Interchangeable measuring rods. Absolute and relative linear measurement function. Ratchet inserted in the thimble for uniform pressure of hardmetal contact surfaces. Direct reading on display 0.001 mm. 1,5 V Battery operated. Setting gauge supplied in case together with the micrometer.

Capacity	mm	0-150	150-300
Supplier code		02032060	02032061
3791G	Each	525,00	555,00

SETTING FOR CALIBRATION EXTERNAL ELECTRONIC MICROMETERS

3791GB



Orig. MIB

In hardened steel. Suitable for calibration of micrometer for outdoor use. Ground and lapped ends. Heat insulated handles.

Overall length	mm	25	50	75	100	125	150
Parallelism precision	µm ±	2	2	2	2,5	2,5	3
Supplier code		01018050	01018051	01018052	01018053	01018054	01018055
3791GB	Each	18,00	18,00	18,00	21,10	27,10	27,10
Overall length	mm	175	200	225	250	275	
Parallelism precision	µm ±	3	3,5	3,5	3,5	3,5	
Supplier code		01018056	01018057	01018058	01018059	01018060	
3791GB	Each	27,10	27,10	40,50	40,50	40,50	

SCREW-THREAD MICROMETERS

3791GF



1/100

Orig. MIB

Precision according to DIN 863. With advance rod for crozes and conical inserts, which are able to rotate. Suitable to measure external threads diameters at 60° (metric thread/UNF) and at 55° (Ww). Matt graduating parts. Increments in 1/100 mm. Sensitive screw, locking lever and athermic gripping pads. Supplied without crozes and conical inserts. Supplied in case.

Capacity	mm	0-25	25-50	50-75	75-100
Supplier code		01019080	01019081	01019082	01019083
3791GF	Each	270,00	293,00	323,00	345,00

3791GL



60°



Couple of crozes and conical inserts for threading at 60° (metric and UNF). For micrometers Art. 3791 GF.

Pitch	mm	0,4 - 0,5	0,6 - 0,9	1 - 1,75	2 - 3	3,5 - 5	5,5 - 7
Supplier code		01019084	01019085	01019086	01019087	01019088	01019089
3791GL	Per pair	43,50	43,50	43,50	43,50	43,50	43,50

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PRECISION MICROMETERS FOR MEASURING GEARINGS

Orig. MIB

Precision type.
Advance rod Ø 8mm, in hardened and ground steel. Oversize discs.
Suitable to measure thickness, width and distance of gear and tool teeth, both linear and angled.
Matt chrome plated graduated parts. Increments in 1/100 mm. Sensitive screw and heatproof gripping pads. Setting gauge 25mm onwards. Supplied in case.

Capacity	mm	0-25	25-50	50-75	75-100
Plate Ø	mm	20	20	20	20
Supplier code		01019096	01019097	01019098	01019099
3792GA	Each	153,00	177,00	203,00	218,00



3792GA

1/100

3-POINT MICROMETERS

Orig. MIB

Precision type.
With 3-contact points in hardmetal. 60° prism. Advance rod Ø 6.5mm, in hardened and ground steel.
Suitable to measure tools with 3 cutting edges. Matt chrome plated graduated parts. Increments in 1/100 mm. Sensitive screw, locking lever and heatproof gripping pads. Supplied in case.

Capacity	mm	1-15	5-20	20-35
Supplier code		01020060	01020061	01020062
3792L	Each	303,00	320,00	380,00



3792L

HARTMETALL 1/100

Size 1-15mm are with tipped contact rod, sizes 5-20mm and 20-35mm are with flat contact rod.

TUBE MICROMETERS

Orig. MIB - Art. 01021055

Precision according to DIN 863/1.
With contact points in hardmetal. Advance rod Ø 6.5mm, in hardened and ground steel. Depth of the arc mm 27.5.

Suitable to measure tube walls and curved surfaces thickness. Matt chrome plated graduated parts. Increments in 1/100 mm. Sensitive screw, locking lever and heatproof gripping pads.

Capacity	mm	0-25
3792T	Each	90,10

Can measure tubes with a minimum diameter of 5 mm.



3792T

HARTMETALL 1/100

TUBE MICROMETERS

Orig. MIB - Art. 01019015

Model with reading comparator 1/1000.
Comparator range ± 0.04 mm. Micrometer accuracy 0.003mm, comparator accuracy 0.002mm.
Contact points in hardmetal. Advance rod Ø 6.5mm, hardened and ground steel. Matt chrome plated graduated parts. Increments in 1/1000 mm. locking lever and heatproof gripping pads. Supplied in case.

Capacity	mm	0-25
3792Z	Each	495,00



3792Z

HARTMETALL 1/1000

MICROMETERS FOR DEPTH MEASUREMENTS

Orig. MIB

Reading 1/100 mm.
Hardened contact surfaces and anvil.
Ratchet screw. Matt chrome plated thimble.
Anvil length 100mm. Supplied in case.

Capacity	mm	0-100	0-200	0-300
Rods number		4	8	12
Precision	mm	0,005	0,006	0,007
Supplier code		01020055	01020056	01020057
3793	Each	161,00	290,00	387,00



3793

1/100



PRECISION MICROMETERS FOR DEPTH MEASUREMENTS

3793B



IP65 ABS 1/1000

Orig. MIB

Precision for absolute and relative linear measurements. Hardened contact surfaces and baseplate. Ratchet screw. With "ABS" (ABSOLUTE REFERENCE VALUE) function. Direct reading on display 0.001 mm. Baseplate length: 100mm. 1,5 V battery operated. IP 65 protection against splash water and dust. Supplied in case.

Capacity	mm	0-100	0-200
Rods number		4	8
Precision	mm	0,005	0,006
Supplier code		02032057	02032058
3793B	Each	405,00	495,00

PRECISION INSIDE MICROMETERS

3793E



HARTMETALL



1/100

Orig. MIB

Precision type. Reading 1/100 mm. Contact surfaces in hardmetal. Ratchet screw. Matt chrome plated thimble. Supplied in case.

Capacity	mm	5-30	25-50	50-75	75-100
Supplier code		01021001	01021002	01021003	01021004
3793E	Each	116,00	131,00	155,00	177,00

Art. 3793 E 5-30 and 25-50 with reference ring.

SETS OF PRECISION INSIDE MICROMETERS

3794G



HARTMETALL



3794G 12 1/1000

3794G 20-50-100 5/1000

Orig. MIB

3-point model, in hardmetal, precision model according to DIN 863, suited to measure through and blind borings. Reading: 5/1000 mm (6 to 12mm: reading 1/1000). Matt chrome plated graduated parts. Ratchet screw (pitch 0.5mm), thimble Ø 23mm (6 to 12mm Ø 19mm). Supplied with calibration key, setting ring and extensions. Supplied in packaging.

Precision of capacity 6 to 40mm: 0,004mm
Precision of capacity 40 to 100mm: 0,005mm

Capacity	mm	6-12	12-20	20-50	50-100
Micrometres number		3	2	4	4
Rings Ø	mm	6-8-10	16	25 e 40	62 e 87
Extensions length	mm	100	150	2x150	150
Supplier code		01022070	01022071	01022074	01022075
3794G	Each	1.360,00	750,00	1.810,00	2.260,00

PRECISION INSIDE MICROMETERS

3794GF



HARTMETALL



5/1000

Orig. MIB

3-point model, in hardmetal, precision model according to DIN 863, suited to measure through and blind borings. Reading: 5/1000 mm (6 to 12mm: reading 1/1000). Matt chrome plated graduated parts. Ratchet screw (pitch 0.5mm), thimble Ø 23mm (6 to 12mm Ø 19mm). Supplied with calibration key and setting rings. Supplied in packaging.

Measuring range from 6 to 40mm: 0.004mm.
Measuring range from 40 to 100mm: 0.005mm.
With extensions for depth measurements.

Capacity	mm	6-8	8-10	10-12	12-16	16-20	20-25	25-30
Measuring depth	mm	55	55	55	81	81	91	91
Extensions length	mm	100	100	100	150	150	150	150
Supplier code		01022077	01022078	01022079	01022080	01022081	01022082	01022083
3794GF	Each	495,00	495,00	495,00	375,00	375,00	495,00	495,00
Capacity	mm	30-40	40-50	50-63	62-75	75-88	87-100	
Measuring depth	mm	101	101	115	115	115	115	
Extensions length	mm	150	150	150	150	150	150	
Supplier code		01022084	01022085	01022086	01022087	01022088	01022089	
3794GF	Each	540,00	645,00	675,00	690,00	705,00	750,00	

Prices in EURO . VAT not included



Precision according to DIN 863/1. Reading: 1/100 mm.
Convex contact surfaces, in hardened steel, ground and lapped.
Matt chrome plated finish.

Capacity	mm	25-30	30-35	35-50	50-75	75-100	100-125	125-150
Supplier code		01021010	01021011	01021012	01021013	01021014	01021015	01021016
3795	Each	236,00	236,00	236,00	255,00	270,00	300,00	315,00



1/100

3795



Orig. MIB - Art. 01021044

Precision according to DIN 863/1. Reading: 1/100 mm. Matt chrome plated thimble Ø 15mm.
Convex contact surfaces in hardmetal. Micrometer measuring range 50 - 63mm. Reference gauge and extension. Supplied in case.
Set measuring range 50 - 150mm.
Each set consists of 1 micrometer and 3 extensions (13 - 25 - 50mm).

3795F Series **204,00**



HARTMETALL 1/100

3795F



Orig. MIB - Art. 01021045

Product description as Art. 3795F
Set measuring range 50 - 250mm.
Each set consists of 1 micrometer and 4 extensions (13 - 25 - 50 - 100mm).

3795G Series **248,00**



HARTMETALL 1/100

3795G



Orig. MIB - Art. 01021046

Product description as Art. 3795F
Set measuring range 50 - 600mm.
Each set consists of 1 micrometer and 6 extensions (13 - 25 - 50 - 100 - 150 - 200mm).

3795GA Series **338,00**



HARTMETALL 1/100

3795GA



Orig. MIB - Art. 01021049

Product description as Art. 3795F
Set measuring range 50 - 1000mm.
Each set consists of 1 micrometer and 8 extensions (13 - 25 - 50 - 2x100 - 150 - 200 - 300mm).

3795GA 3 Series **1.010,00**



HARTMETALL 1/100

3795GA 3



Orig. MIB - Art. 01021047

Precision according to DIN 863/1. Reading: 1/100 mm. Matt chrome plated thimble Ø 15mm.
Convex contact surfaces in hardmetal. Micrometer measuring range 100 - 125mm. Reference gauge and extension. Supplied in case.
Set measuring range 100 - 1300mm.
Each set consists of 1 micrometer and 6 extensions (25 - 50 - 100 - 200 - 2x400mm).

3795GA 5 Series **1.460,00**



HARTMETALL 1/100

3795GA 5





3795GB SCU HARTMETALL 1/100



Prod. SCU - Orig. Helios-Preisser

Precision according to DIN 863. Reading: 1/100 mm. Matt chrome plated thimble Ø 17mm. Convex contact surfaces in hardmetal. Micrometer measuring range 50 - 75mm. Reference gauge and extension. Supplied in case.

Set measuring range 50 - 250mm.
Each set consists of 1 micrometer and 3 extensions 25 - 50 - 100mm.

3795GB Series **1.250,00**

3795GC SCU HARTMETALL 1/100



Product description as Art. 3795GB

Set measuring range 50 - 450mm.
Each set consists of 1 micrometer and 4 extensions (25 - 50 - 100 - 200mm) .

3795GC Series **1.540,00**

3795GD SCU HARTMETALL 1/100



Product description as Art. 3795GB

Set measuring range 50 - 850mm.
Each set consists of 1 micrometer and 5 extensions (25 - 50 - 100 - 200 - 400mm) .

3795GD Series **1.940,00**

EXTENSIONS FOR INSIDE MICROMETERS

3795GP SCU



Prod. SCU - Orig. Helios-Preisser

Steel extensions, hardened and ground. With thermo-insulating covering.

For micrometers from Art. 3795 GB to 3795 GD.

Overall length	mm	25	50	100	200	400
3795GP	Each	191,00	194,00	216,00	264,00	350,00

MICROMETERS HEADS

3798GA MIB GERMANY 1/100



Orig. MIB - Art. 01021065

Small model.
Precision according to DIN 863. Reading: 1/100 mm. Increments in 0.5mm.
Matt chrome plated thimble Ø 9.4mm.
Rod Ø 3.5mm. Spindle Ø 6mm.
Flat contact surface, in hardened steel.

Capacity	mm	0-6,5
3798GA	Each	46,50

3798GB MIB GERMANY 1/100



Orig. MIB - Art. 01021066

Product description as Art. 3798GA
Ball contact surface, in hardened steel.

Capacity	mm	0-6,5
3798GB	Each	46,50

3799GA MIB GERMANY 1/100



Orig. MIB - Art. 01021070

Precision according to DIN 863. Reading: 1/100 mm. Increments in 0.5mm.
Matt chrome plated thimble Ø 18mm.
Contact face in carbide, stem Ø mm 6.5.
Spindle Ø mm 10. Ratchet screw.

Capacity	mm	0-25
3799GA	Each	39,10

3799GB MIB GERMANY 1/1000



Orig. MIB - Art. 01021071

Precision according to DIN 863. Reading: 1/100 mm. Increments in 0.5mm.
Matt chrome plated thimble Ø 18mm.
Contact face in carbide, stem Ø mm 6.5.
Spindle Ø mm 12. Ratchet screw.

Capacity	mm	0-25
3799GB	Each	82,50

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Prices in EURO . VAT not included



PRECISION MICROMETRIC HEADS

Orig. MIB - Art. 02031097

Precision model for absolute and relative linear measurements.
 Ratchet inserted in the thimble for uniform pressure of hardmetal contact surfaces.
 Metric/inch double measuring scale. With "ABS" (ABSOLUTE REFERENCE VALUE) function.
 Direct reading on display 0.001 mm. (0.00005")
 Rod Ø 6,5mm, spindle Ø 12mm. 1,5 V battery operated.
 Supplied in case.



1/1000 3799GE



ABS

Capacity	mm	0-25
3799GE	Each	225,00

WIRE GAUGE MICROMETERS

Prod. SCU

Sensitive screw. Increments in 1/100 mm.
 Hardened contact face. Matt polished finish.



1/100 3900G

Capacity	mm	0-10
3900G	Each	49,10



INDEX DISC MICROMETERS

Prod. SCU

Easy reading dial.
 Dial reinforcement support.
 Sensitive screw and indicator.
 Increments in 1/100 mm.



1/100 3950G

Type		50A
Arch depth	mm	50
Capacity	mm	0-15
3950G	Each	126,00



MICROMETER STANDS

Orig. MIB - Art. 01018037

High stability model, tilting, for bow micrometers. In steel. Central clamp screw and protection pads, opening 7-15mm.



3950GP

3950GP	Each	46,50
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Orig. MIB - Art. 01018035

High stability model, inclinable, for bow micrometers. Baseplate in heavy cast iron, lacquered. Tightening clamps with protection pads, opening 0- 20mm.



3950GR

3950GR	Each	32,10
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Orig. MIB - Art. 01018040

Stable, inclinable model, for bow micrometers.
 Steel body and tightening clamp.
 Weight: 1.8Kg. Clamp opening 13mm.



3950T

3950T	Each	66,10
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THICKNESS MEASURING INSTRUMENTS

Prod. SCU - Orig. Käfer

Particularly suitable to measure paper, cardboard, plywood, leather, plastics, etc.
 Increments in 1/10 mm. Bow depth 15mm. Automatic recoil. Lock screw.
 Pocket execution.



1/10 3951GT

Useful opening	mm	10
Flat round contacts Ø	mm	6,3
3951GT	Each	112,00





3951GV

SCU



1/10

Product description as Art. 3951GT

Useful opening mm 20
Flat round contacts Ø mm 10

3951GV Each **129,00**

3952B

SCU



1/10

Prod. SCU

Increments in 1/10 mm. Automatic recoil. Lock screw.
Round flat contact face Ø mm 10. Pocket execution.

Arch depth mm 20
Useful opening mm 20

3952B Each **116,00**

3952C

SCU



1/10

Product description as Art. 3952B

Arch depth mm 50
Useful opening mm 20

3952C Each **124,00**

3952D

SCU



1/10

Increments in 1/10 mm, deep bow, sensitive lever.
Automatic recoil. With dial.

Arch depth mm **200** **300**
Useful opening mm 30 30
Flat round contacts Ø mm 16 16

3952D Each **231,00** **236,00**

3952E

SCU



1/10

Ball contact surface Ø 12mm. Increments in 1/10 mm, deep bow, sensitive lever. Automatic recoil.
With dial.

Arch depth mm 300
Useful opening mm 30

3952E Each **229,00**

3952G 3

SCU



1/10

Prod. SCU - Orig. Käfer

Professional model. Increments in 1/10 mm, sensitive lever.
Automatic recoil. Soft touch, calibrated keys.
Wide dial for easy reading.

Arch depth mm 50
Useful opening mm 20
Flat round contacts Ø mm 10

3952G 3 Each **231,00**

3952G 5

SCU



1/10

Product description as Art. 3952G 3

Arch depth mm 100
Useful opening mm 30
Flat round contacts Ø mm 10

3952G 5 Each **301,00**

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Product description as Art. 3952G 3

Art.		3952G 7	3952G 9
Arch depth	mm	200	300
Useful opening	mm	30	30
Flat round contacts Ø	mm	10	10
Each		346,00	400,00

SCU

**1/10 3952G 7
3952G 9**



Increments in 1/100 mm. Suitable to rapidly and precisely measure the thickness of paper, cardboard, plastics, ferrous and non-ferrous metal, etc. Pocket execution. Constant pressure automatic lock.

Arch depth	mm	12
Useful opening	mm	8
Flat round contacts Ø	mm	6,3
3952GA	Each	229,00

SCU

1/100 3952GA



Product description as Art. 3952GA

Arch depth	mm	18
Useful opening	mm	10
Flat round contacts Ø	mm	6,3
3952GB	Each	223,00

SCU

1/100 3952GB



Product description as Art. 3952GA

Arch depth	mm	45
Useful opening	mm	10
Flat round contacts Ø	mm	6,3
3952GE	Each	257,00

SCU

1/100 3952GE



Orig. MIB

Digit reading, increments in 1/100 mm. ON/OFF toggle switch (on size 25mm. On size 15mm automatic switch-off). Button for relative and incremental measurements. Inch/metric switch conversion.

Useful opening	mm	15	25
Arch depth	mm	20	20
Flat round contacts Ø	mm	9	9
Supplier code		02027060	02027061
3953G	Each	168,00	213,00



1/100 3953G



Prod. SCU - Orig. Käfer

Professional model, increments in 1/100 mm, sensitive lever. Automatic recoil. Effective opening 10mm. Wide dial for easy reading with two indicators for millimeters, 1/10 millimeters and 1/100 millimeters. Round flat contact surface Ø 10mm. Soft touch, calibrated keys.

Arch depth	mm	50	100	200
3955G	Each	264,00	332,00	399,00

SCU

1/100 3955G



On request also available with flat round discs Ø 20mm, 30mm, crowned or tipped discs.



3956G

SCU

1/100



Professional model, roller contact surface, width 8.7mm and diameter 8.4mm. Effective opening 5mm. Bow depth 50mm. Particularly suited to measure the thickness of cables, wire, bands, etc. Increments in 1/100 mm, sensitive lever and automatic recoil. Wide dial for easy reading with two indicators for millimeters, 1/10 millimeters and 1/100 millimeters.

3956G Each **496,00**

3956GA

SCU

1/100



Professional model, rollers and runners contact surface, width 8.7mm and diameter 8.4mm. Effective opening 5mm. Bow depth 50mm. Particularly suited to measure the thickness of cables, wire, bands, etc. Increments in 1/100 mm, sensitive lever and automatic recoil. Wide dial for easy reading with two indicators for millimeters, 1/10 millimeters and 1/100 millimeters.

3956GA Each **496,00**

3958

SCU

1/100



Increments in 1/100 mm, with sensitive lever and automatic recoil. Suited to measure the thickness of linings and tappets in the automotive sector. Lower flat basement and contact surface, ball upper contact surface. Bow depth 50mm, effective opening 10mm.

3958 Each **123,00**

3959G

SCU

1/1000



Professional model, highly precise. Increments in 1/1000 mm. Particularly suited to measure sheets of very thin thickness. Insulated handle to avoid hand heat influence. Controlled pressure force of approx. 2 Nm. Bow depth 30mm. Effective opening 1mm (one indicator revolution corresponds to 0.2mm). Flat round contact surface Ø 6.3mm.

3959G Each **485,00**

3960G

SCU

1/10

5/100



VISTA DA AMBO I LATI

Particularly suited to measure saw teeth alternation. 4 contact surfaces to directly show on display the position of the alternate tooth. Increments in 1/10 mm and + 5/100 mm. Measuring range 2mm.

3960G Each **121,00**

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DIGITAL THICKNESS MEASURING INSTRUMENTS

Prod. SCU

Professional digital type with LCD display with figures of great height for easy reading. 2 external probes to easily reach the most difficult points. Cable length 1 meter. Body of sturdy plastic, reinforced. Equipped with plate zeroing and calibration films. Offset-Accur function for a measurement with higher precision than the standard (1% of the measured value).

Suitable for measuring insulating coatings on magnetic metals (ferrous) and insulating coatings on non-magnetic metals (non-ferrous). Built to meet ISO 2178. Power supply: 4 alkaline batteries 1.5 V AA (Art. 3600 E) provided. Minimum radius of surface for coatings for magnetic / non magnetic materials with convex shape mm 1.5 / 3 and concave shape mm 25/50.

SCU

3960GL



Measuring field	µm	0-1000
Standard measuring precision		5%
Offset-Accur measuring precision		1%
Base material min. thickness	mm	0,3
Minimum surface Ø	mm	6
Working temperature		0°C - 50°C
Device dimensions		161x69x32h
Weight	grams	260
3960GL	Each	726,00

METERS OF COATINGS THICKNESSES

Prod. SCU

Professional, high precision, electronic digital type, with separate interchangeable probes for measuring the thickness of non-magnetic coatings such as paints, plastics, enamel materials, chromium, copper, zinc etc. Changing the supplied probe it is also possible to measure non-ferromagnetic coatings on metal surfaces (such as aluminum, copper, brass). Ideal for companies, body shops and professionals.

Measuring capacity from 0 to 1250 µm / from 0 to 50 mil. Accuracy ± 2.5 mM ± 3.1% / ± 1.3%. Minimum measuring field Ø mm 5. Minimum bending radius: convex iron ca. 1.5 mm, non-ferrous materials mm 3. Minimum thickness of the substrate: iron 0.5 mm, non-ferrous materials 0.3 mm. Operated by 4 alkaline batteries 1.5V AAA (Art. 3600 C), supplied. Weight 220 g. With 2 interchangeable probes Fe and NFe.

SCU

CE 3960GP



3960GP	Each	836,00
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ULTRASONIC METERS OF THICKNESS

Prod. SCU

Professional, high precision, electronic digital type, with separate ultrasonic probe for measuring the thickness of materials such as steel, aluminum, copper, brass, quartz glass, PVC, zinc, iron, gray cast iron, polyethylene. Thanks of the possibility to set the resonance frequency it is also possible to measure all the other materials. Suitable for many applications from industry to professionals.

Measuring capacity from 1.2 to 200 mmol. Accuracy ± 0.5 mm. Resolution 0.1 mm. Minimum measuring field Ø mm 5. Operated by 4 alkaline batteries 1.5V AAA (Art. 3600 C), supplied. Weight 220 g. With 1 ultrasonic probe and 1 pack of glycerine fat.

SCU

CE 3960GT



3960GT	Each	882,00
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MEASURING GAUGES FOR CRANKSHAFT

Prod. SCU - Orig. Helios-Preisser

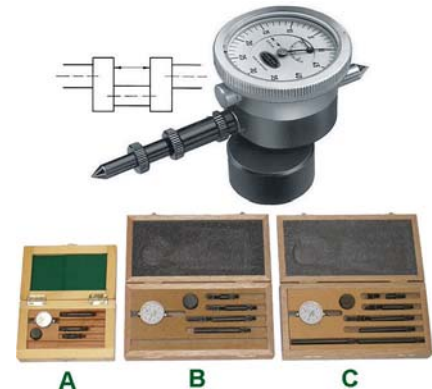
Measuring gauge suitable to check the distance between the cranks of a shaft and to check the cylinder measures. Place the measuring gauge between the two elbows and rotate the shaft to detect possible bushing misalignments.

The gauge is supplied with a special counterweight that allows positioning stability during measurement. Supplied with reading comparator 1/100, counterweight, extension rods and caps. In case.

Art.	3961GA	3961GB	3961GE
Capacity	mm 45-150	60-300	60-500
Each	1.060,00	950,00	1.110,00

SCU

**1/100 3961GA
3961GB
3961GE**




11



TIRE TREAD FEDER GAUGES

3961GT **SCU** **1/10**



Prod. SCU
 In brass, 20mm symmetric baseplate. End tipped rod.
 Vernier scale 1/10 mm. Particularly suitable for tyre track measurements.
 Measuring range 30mm, length 100mm.

3961GT	Each	6,00
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3961GV **SCU** **1/10**



In brass, 40mm asymmetric baseplate. End tipped rod.
 Vernier scale 1/10 mm. Particularly suitable for tyre track measurements.
 Measuring range 50mm, length 105mm.

3961GV	Each	8,26
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3961GVA **MIB GERMANY** **1/10**



Orig. MIB - Art. 01007055
 In brass, 50mm symmetric baseplate. End tipped rod.
 Vernier scale 1/10 mm. Particularly suitable for tyre track measurements.
 Measuring range 50mm, length 100mm.

3961GVA	Each	13,50
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3961GZ **MIB GERMANY** **1/100**



Orig. MIB - Art. 01007019
 Digital reading, division 1/100 mm, with 60 mm symmetrical base.
 Pole with flat end. On/off button. Reset button for relative and compared measurements. Mm/inch conversion key.
 Powered by a long life 3 V ecological lithium battery.
 Particularly suitable for the measurement of TIRE treads.
 Measuring capacity 25 mm. Length mm 112.4.

3961GZ	Each	25,50
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BORE GAUGES

3962G **SCU** **1/10**



Prod. SCU
 Model with flat-conical section.
 In hardened and ground steel. Graduation 1/10 mm.

For bores Ø	mm	1-15	15-30
3962G	Each	39,50	45,20

3963G **SCU** **1/10**



Model with round-conical section.
 In hardened and ground steel. Graduation 1/10 mm.

For bores Ø	mm	1-6	4-15	15-30
3963G	Each	170,00	227,00	496,00

3964G **SCU** **1/100**




Model with slider and round-conical rod.
 In hardened and ground steel. Vernier scale 1/100 mm with protection cap.

For bores Ø	mm	0,10-3	0,10-5
3964G	Each	66,20	85,80

3965G **SCU**

3965GA



Body with lock screws.
 With 20 points in hardened and ground steel size from 0.45 to 1.5mm on plastic support.
 Suitable for carburator holes.


3965G	Each	9,86
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Body with lock screws.
 With 16 points in hardened and ground steel size from 1.5 to 3mm on plastic support.
 Suitable for carburator holes.

3965GA	Each	9,86
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MILLIMETER TWIST DRILL GAUGES

3968G **SCU**



Prod. SCU
 Millimeter twist drill gauge, hardened.

Capacity	mm	0,5-10	10-20
Progression	mm	0,5	0,5
Bores	Nr	20	21
3968G	Each	71,60	115,00

Product running out of stock.

11



Orig. MIB - Art. 08082009

Stainless steel plate with calibrated holes.
Capacity mm 1-13, progression mm 0,5, number of holes 25.

3968GA	Each	9,00
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3968GA
new



MEASUREMENT CUNEEES

Prod. SCU

To measure and check cracks, grooves, distances etc.
In matt chromed steel. Taper 1:10.

Type		7	11
Capacity	mm	2,0-7	0,5-11
Precision	mm	0,1	0,1
3968L	Each	69,60	77,10

SCU

3968L
new



Product description as Art. 3968L

In plastic, to avoid scratches or rubbing traces on the material to be measured. Taper 1:10.

Capacity	mm	0,5-11
Precision	mm	0,1
3968P	Each	77,10

SCU

3968P
new



SCREW PITCH GAUGES

Prod. SCU

With lock screw.
Double type for Whitworth, ISO Metric and Whitworth Gas threads. 58 blades

3969G	Each	12,00
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SCU

BSW **BSP**

3969G

M



Product description as Art. 3969G

Double type for Whitworth and ISO Metric threads. 52 blades.

3970G	Each	8,26
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SCU

BSW

3970G

M



Product description as Art. 3969G

Single type for Whitworth threads. 28 blades.

3971G	Each	5,26
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SCU

BSW

3971G



Product description as Art. 3969G

Single type for ISO Metric threads. 24 blades.

3972G	Each	5,26
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SCU

3972G

M



Product description as Art. 3969G

Single type for GAS threads at 55°. 6 blades.

3972GE	Each	3,76
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SCU

BSP

3972GE



Product description as Art. 3969G

Single type for UNC threads at 60°. 22 blades.

3972GF	Each	6,76
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SCU

UNC

3972GF





3972GL

SCU

UNF



Product description as Art. 3969G
Single type for UNF threads at 60°. 16 blades.

3972GL Each **6,76**

PRECIOUS RADIUS GAUGES

3973GA
3973GB
3973GC
3973GE
3973GL
3973GP

SCU



Prod. SCU
Suited to check the radius of round, convex or concave surfaces.
With lock screws.
34 blades for 1-7 radii. In steel.

3973GA Each **14,70**

Product description as Art. 3973GA
32 blades for 7.5-15 radii. In steel.

3973GB Each **15,60**

Product description as Art. 3973GA
30 blades for 15.5-25 radii. In steel.

3973GC Each **15,60**

Product description as Art. 3973GA
34 blades for 1-7 radii. In stainless steel.

3973GE Each **28,50**

Product description as Art. 3973GA
32 blades for 7.5-15 radii. In stainless steel.

3973GL Each **30,10**

Product description as Art. 3973GA
30 blades for 15.5-25 radii. In stainless steel.

3973GP Each **30,10**

THREADING TOOL GAUGES

3974G

SCU

55°



Prod. SCU
For Whitworth pitch threads at 55°.

3974G Each **5,26**

3975G

SCU

60°



For Metric pitch threads at 60°.

3975G Each **5,26**

UNIVERSAL GRINDING GAUGES

3975GA

SCU



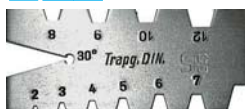
Prod. SCU
Used to measure and check twist drill angles of 90° and 118° and to measure Whitworth and metric pitch threads.

3975GA Each **6,76**

COMBINED TURNING AND THREAD GAUGES

3976G

SCU



Prod. SCU
Type for trapezoidal theading from 2-to12mm and 30°.

3976G Each **6,00**

3977G

SCU



Type for Whitworth, metric, trapezoidal threads 2-12mm and with notches from 40° to 80° for cutting tools.

3977G Each **20,80**

11



Type for threads angled at 45°-53.8°-55°-60°-70° and for square threads 2-8 coil/inchs.

3978G Each **6,00**



Type for Whitworth, metric, trapezoidal threads 2-12mm and for square threads 2-8 coil/inch.

3978GA Each **13,50**



Type for Whitworth, metric, trapezoidal threads 2-12mm and with notches from 40°-to 80° for cutting tools. Adjustable rod to fix and check 0° - 30° angles. Thickness 2mm.

3979G Each **19,50**



THREAD RULERS

Orig. MIB - Art. 08082010

With slider, for threading parameters concerning ISO Metric, Whitworth and Gas cylindric thread.

3980GA Each **24,10**



THREAD INDICATORS

Prod. SCU

Handy plastic box, dust-proof, shock-resistant and waterproof, with special roller used to state the most important parameters of following threads: ISO Metric - Ww - GAS - BSF - PG - BA UNC - UNF - UNEF. Dimensions: 110x60x30mm.

3980GB Each **135,00**



ISO TOLERANCE INDICATORS

Prod. SCU

Handy plastic box, dust-proof, shock-resistant and waterproof, with special roller used to state tolerance of couplings according to the directive ISO R286 - 1962 for nominal values up to 500mm. Dimensions: 110x60x30mm.

3980GE Each **135,00**



ISO - TOLERANCE CONVERTORS FROM MM TO INCHES

Prod. SCU

Handy plastic box, dust-proof, shock-resistant and waterproof, provided with special roller used for coupling tolerance parameter conversion from mm to inch in the different standards (American, English), according to ISO recommendations. Dimensions 110x60x30mm.

3980GL Each **135,00**



LATHE TOOL GAUGES

Prod. SCU

With notches to set lathe cutting tool with cutting edge in hardmetal.

3981GA Each **15,00**



With notches to set lathe cutting tool with cutting edge in HSS.

3981GB Each **15,00**

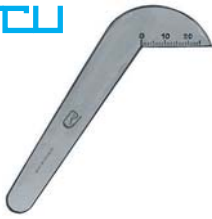




TWIST DRILL GRINDING GAUGES

3983G

SCU



Prod. SCU

Suited to measure and control twist drill cutting angle. Angle at 118°, for iron and steel.

3983G Each 3,00

UNIVERSAL ANGLE GAUGES

3984G

SCU



Prod. SCU

Suited to measure and control the cutting angle of tips and cutting tools.

Graduation 30° to 160°.

Graduated base up to 35mm in hardened and ground steel.

3984G Each 14,10

PRECISION GRINDING TOOL GAUGES

3985G

SCU

INOX



Prod. SCU

In stainless steel. For cutting angle checking and setting up of lathe cutting tools, millers, planers and other machine tools.

Absolutely necessary for the workshop engineer. Supplied in wooden case.

3985G Each 186,00

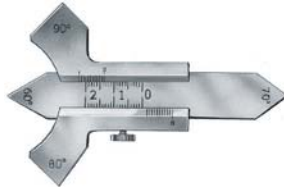
Product running out of stock.

WELDING SEAM GAUGES

3987G

SCU

INOX



Prod. SCU

Suited to measure flat and angled seams.

Precise execution, points at 60°, 70°, 80°, 90°. In stainless steel, chromium plated. Measuring range up to 20mm.

3987G Each 28,90

3987GE

MIB
MESSZEUGE
GERMANY



Orig. Mib - Art. 08085010

Suitable for measuring 90° weld beads.

In special steel, with retaining ring.

Provided with No.12 blades 3 - 3.5 - 4 - 4.5 - 5 - 5.5 - 6 - 6.5 - 7 - 8 - 10 - 12mm.

3987GE Each 21,60

3987GH

new

SCU

INOX



Prod. SCU

To measure the height of weld beads.

In stainless steel. Measurement capacity up to 20 mm, reading accuracy 0.1 mm.

3987GH Each 126,00

11



THICKNESS GAUGES

Prod. SCU

Double blade model. Blades in calibrated steel, hardened and ground. Suitable for tappet adjustment.

Overall length 130mm. Length of each blade 35mm. Blade width 13mm. Handle in synthetic material.

Size	3	4	6
For thicknesses mm	0,15-0,25	0,20-0,25	0,45-0,50
3989G	Each 1,62	Each 1,62	Each 1,62

Product running out of stock.

SCU

3989G



Type of precision according to DIN 2275. In special steel, hardened and ground. With locking screw. Lock screw.

Conic-shaped blades, length 100mm.

With 8 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,40-0,50mm. In steel.

3992GA	Each	3,00
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SCU

3992GA



Product description as Art. 3992GA

With 13 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,40-0,50-0,60-0,70-0,80-0,90-1,00mm.

3992GB	Each	3,76
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SCU

3992GB



Product description as Art. 3992GA

With 20 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00mm.

In steel.

3992GC	Each	6,00
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SCU

3992GC



Product description as Art. 3992GA

With 32 blades, dimensions 0,03-0,04-0,05-0,06-0,07-0,08-0,09-0,10-0,12-0,15-0,18-0,20-0,23-0,25-0,28-0,30-0,32-0,35-0,38-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00mm.

3992GE	Each	14,30
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SCU

3992GE



Product description as Art. 3992GA

With 13 blades 0,05-0,10-0,15-0,20-0,25-0,30-0,40-0,50-0,60-0,70-0,80-0,90-1,00mm. In stainless steel.

3992GL	Each	13,10
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SCU

3992GL



INOX

Product description as Art. 3992GA

With 20 blades, dimensions 0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00mm.

In stainless steel.

3992GP	Each	19,80
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SCU

3992GP



INOX

Product description as Art. 3992GA

With 20 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00mm.

In amagnetic brass.

3992GT	Each	32,30
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SCU

3992GT



OTTONE

**3994G** SCU

Type with parallel blades, length 200mm, width 13mm.

With 13 blades, dimensions 0,05-0,10-0,15-0,20-0,25-0,30-0,40-0,50-0,60-0,70 0,80-0,90-1,00mm.

3994G Each **15,00**

3994GA SCU

Product description as Art. 3994G

With 20 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00mm.

In steel.

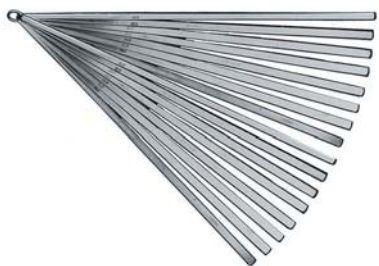
3994GA Each **21,80**

3994GB SCU

Type with parallel blades, length 300mm, width 13mm.

With 13 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,40-0,50-0,60-0,70 0,80-0,90-1,00mm. In steel.

3994GB Each **18,80**

3994GC SCU

Product description as Art. 3994GB

With 20 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00mm.

In steel.

3994GC Each **27,10**

3994GD SCU

Type with parallel blades, length 500mm, width 13mm.

With 13 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,40-0,50-0,60-0,70 0,80-0,90-1,00mm. In steel.

3994GD Each **30,10**

3994GE SCU

Product description as Art. 3994GD

With 20 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00mm.

In steel.

3994GE Each **43,50**



CALIBRATED SHIMSTEEL

Prod. SCU

Very strict tolerance. Particularly suitable for shimming of several equipment, tools, dies. Tolerance registration. Workpiece positioning on machine tools. Leveling in mechanical component production. Height compensation. Check of dimensions. Pressure roller adjustment in typographic industry, etc..

Carbon steel sheets. Dimensions: 25x300mm.

Supplied in 10-sheets packing units

Thickness	mm	0,03	0,05	0,10	0,15	0,20	0,30	0,40	0,50	1,00
3994GL	Pack	35,90	27,70	24,10	25,10	24,10	25,10	27,70	29,50	37,90

SCU

3994GL
3994GM



Product description as Art. 3994GL

Carbon steel sheets. Dimensions: 50x300mm.

Supplied in 10-sheets packing units

Thickness	mm	0,01	0,02	0,03	0,05	0,10	0,15	0,20	0,25
3994GM	Pack	117,00	65,30	48,80	40,60	32,30	34,10	33,20	34,10

Thickness	mm	0,30	0,35	0,40	0,50	0,60	0,70	0,80	1,00
3994GM	Pack	34,10	37,90	37,90	37,90	59,90	60,80	61,70	60,80

Tapes with thicknesses of 0.01 and 0.02 mm in stainless steel.

Product description as Art. 3994GL

Stainless steel sheets. Dimensions: 100x500mm.

Supplied in 5-sheets packing units

Thickness	mm	0,01	0,02	0,03	0,04	0,05	0,10	0,15	0,20
3994GR	Pack	138,00	78,20	67,30	61,70	55,30	51,50	51,50	64,40

Thickness	mm	0,25	0,30	0,35	0,40	0,45	0,50	1,00
3994GR	Pack	68,20	64,40	79,10	74,60	90,60	86,50	147,00

SCU

INOX

3994GR
3994GS



Product description as Art. 3994GL

Stainless steel sheets. Dimensions: 150x500mm.

Supplied in 5-sheets packing units

Thickness	mm	0,025	0,05	0,075	0,10	0,15	0,20	0,25	0,30	0,40	0,50	1,00
3994GS	Pack	109,00	83,80	83,80	79,10	80,90	99,60	104,00	99,60	113,00	131,00	237,00

Product description as Art. 3994GL

Brass sheets. Dimensions: 150x500mm.

Supplied in 5-sheets packing units.

Thickness	mm	0,025	0,05	0,075	0,10	0,15	0,20	0,25	0,30	0,40	0,50
3994GT	Pack	54,30	57,50	63,10	70,60	74,10	77,30	77,30	84,10		

Thickness	mm	0,30	0,40	0,50	1,00
3994GT	Pack	88,30	93,90	109,00	282,00

SCU

OTTONE

3994GT



SETS OF CALIBRATED SHIMSTEEL

Prod. SCU

Assorted set supplied in box. One sheet per thickness.

With 11 sheets Art. 3994 GM 0,02-0,03-0,05-0,10-0,15-0,20-0,25-0,30-0,40-0,50-1,00mm.

3994GVE	Each	47,90
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SCU

3994GVE



Product description as Art. 3994GVE

With 11 sheets Art. 3994 GR 0,02-0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50mm.

3994GVL	Each	139,00
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SCU

INOX

3994GVL



Product description as Art. 3994GVE

With 10 sheets Art. 3994 GS 0,025-0,05-0,075-0,10-0,15-0,20-0,25-0,30-0,40-0,50mm.

3994GVP	Each	200,00
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SCU

INOX

3994GVP



Product description as Art. 3994GVE

10 sheets Art. 3994 GT 0,025-0,05-0,075-0,10-0,15-0,20-0,25-0,30-0,40-0,50mm.

3994GVR	Each	235,00
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SCU

OTTONE

3994GVR





THICKNESS-GAUGE BANDS

3995GA SCU



Prod. SCU

Very strict tolerance. Particularly suitable for shimming of several equipment, tools, dies. Tolerance registration. Workpiece positioning on machine tools. Leveling in mechanical component production. Height compensation. Check of dimensions. Pressure roller adjustment in typographic industry, etc. Bands length 5m.

Carbon steel bands. Width 12.7mm.

Thickness	mm	0,02	0,03	0,04	0,05	0,06	0,07	0,08	0,09
3995GA	Pack	32,50	16,30	13,40	13,40	13,40	13,40	13,40	13,40
Thickness	mm	0,10	0,12	0,15	0,18	0,20	0,25	0,30	0,35
3995GA	Pack	13,40	13,40	13,40	13,40	13,40	13,40	13,40	13,40
Thickness	mm	0,40	0,45	0,50	0,55	0,60	0,65	0,70	0,80
3995GA	Pack	13,40	13,40	13,40	17,80	17,80	17,80	17,80	17,80
Thickness	mm	0,85	0,90	0,95	1,00				
3995GA	Pack	17,80	17,80	17,80	17,80				

The thickness 0.01 mm can only be ordered in stainless steel, Art. 3995 GL.

3995GL SCU INOX



Product description as Art. 3995GA
Stainless steel bands. Width 12.7mm.

Thickness	mm	0,01	0,02	0,03	0,05	0,10	0,15	0,20
3995GL	Pack	75,10	37,50	27,10	21,10	21,10	24,10	24,10
Thickness	mm	0,25	0,30	0,40	0,50	1,00		
3995GL	Pack	30,10	30,10	31,50	33,10	66,30		

3995GP SCU



Blade holder for Art. 3995 GA - 3995 GL.

3995GP	Each	5,86
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3997G SCU



Very strict tolerance. Particularly suitable for shimming of several equipment, tools, dies. Tolerance registration. Workpiece positioning on machine tools. Leveling in mechanical component production. Height compensation. Check of dimensions. Pressure roller adjustment in typographic industry, etc. Bands length 5m.

Carbon steel bands. Width 25mm.

Thickness	mm	0,01	0,02	0,03	0,04	0,05	0,06	0,07
3997G	Pack	121,00	66,20	47,90	47,90	41,50	33,20	33,20
Thickness	mm	0,08	0,09	0,10	0,15	0,20	0,25	0,30
3997G	Pack	33,20	33,20	33,20	34,10	34,10	34,10	34,10
Thickness	mm	0,40	0,50	0,60	0,70	0,80	0,90	1,00
3997G	Pack	37,90	39,70	53,50	58,10	59,90	59,90	58,90

Thickness gauge bands 0.01 and 0.02 mm in stainless steel.

4000G SCU



Product description as Art. 3997G
Carbon steel bands. Width 50mm.

Thickness	mm	0,03	0,04	0,05	0,06	0,07	0,08	0,09
4000G	Pack	69,10	68,20	64,40	47,90	47,90	47,90	47,90
Thickness	mm	0,10	0,15	0,20	0,25	0,30	0,35	0,40
4000G	Pack	47,10	48,80	48,80	49,70	48,80	54,40	54,40
Thickness	mm	0,45	0,50	0,60	0,70	0,80	0,90	1,00
4000G	Pack	54,40	54,40	86,50	86,50	86,50	86,50	86,50

4001G SCU INOX



Product description as Art. 3997G
Stainless steel bands. Width 100mm.

Thickness	mm	0,01	0,02	0,03	0,05	0,10	0,15	0,20
4001G	Pack	237,00	152,00	122,00	104,00	96,90	96,90	121,00
Thickness	mm	0,25	0,30	0,35	0,40	0,45	0,50	0,60
4001G	Pack	126,00	121,00	147,00	139,00	165,00	161,00	212,00
Thickness	mm	0,70	0,80	0,90	1,00			
4001G	Pack	243,00	257,00	262,00	268,00			

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Product description as Art. 3997G
Stainless steel bands. Width 150mm.

Thickness	mm	0,025	0,05	0,075	0,10	0,15	0,20	0,25
4001GE	Pack	198,00	156,00	155,00	143,00	146,00	180,00	187,00
Thickness	mm	0,30	0,40	0,50	1,00			
4001GE	Pack	179,00	208,00	237,00	460,00			

SCU INOX 4001GE



Product description as Art. 3997G
Brass bands. Width 150mm.

Thickness	mm	0,025	0,05	0,075	0,10	0,15	0,20	0,25
4002G	Pack	70,10	67,40	74,70	84,30	103,00	121,00	137,00
Thickness	mm	0,30	0,40	0,50	1,00			
4002G	Pack	155,00	165,00	187,00	573,00			

SCU OTTONE 4002G



GONIOMETERS

Prod. SCU

In hardened and ground stainless steel. Easy and accurate graduation reading. Indelible laser marked.

Arch Ø	mm	80	120	150	200	250	300
Rod length	mm	120	150	200	300	390	465
4020B	Each	27,80	31,10	34,70	43,10	71,20	104,00

SCU 4020B



In hardened and ground stainless steel. Easy and accurate graduation reading. Indelible mechanical marked degree increments.

Arch Ø	mm	80	120	150	200
Rod length	mm	120	150	200	300
4020GA	Each	50,60	61,10	68,20	96,50

SCU INOX 4020GA



Orig. MIB

In hardened black aluminum with hardness 63 HRC, which guarantees excellent resistance to wear. Precision execution, "Made in Germany". Double graduated, laser engraved scale, indelible and easy to read. Locking with the screw of the mobile rod.

Arch Ø	mm	80	120	150	200	300
Rod length	mm	120	150	200	300	500
Supplier code		05058030	05058031	05058032	05058033	05058034
4020GL	Each	25,50	27,10	33,10	48,10	102,00

MIB GERMANY 4020GL *new*



Prod. SCU

Digital type in hardened and ground steel. Locking with the screw of the mobile rod. Digital reading on display with large digit height for easy reading. Reset button for relative and comparative measurements; additional functions: HOLD (memory, short press) / REV (reverse, long press). Auto switch-off after approx. 7 min. of inactivity. Reading 0.05°. Accuracy ± 0.3°. Measurement range 0-180°. Power supply with 1 type 3V alkaline battery (Art. 3600 T), supplied.

Arch Ø	mm	120	150	200
Rod length	mm	150	200	300
4021G	Each	119,00	154,00	202,00

SCU INOX 4021G *new*





UNIVERSAL GONIOMETERS

4022B

SCU



Prod. SCU

In hardened and ground stainless steel. Easy and accurate graduation reading. Indelible laser marked degree increments. Ring nut locking goniometer arm. Matt chrome finish.

Ruler with through slot.

Arch Ø	mm	120	150	200	250	300
Rod length	mm	240	300	400	500	600
4022B	Each	42,80	50,10	62,10	92,10	131,00

4022G

SCU



In hardened and ground stainless steel. Easy and accurate graduation reading. Indelible mechanical marked degree increments. Goniometer arm screw lock. Polished finish.

Precision model with non-through slot.

Arch Ø	mm	100	150	200	250	300
Rod length	mm	150	300	400	500	600
4022G	Each	42,40	49,90	58,10	79,50	103,00

4023G

new

SCU

INOX



Digital type in hardened and ground steel. Type with non-through-groove rod.

Locking with the screw of the mobile rod.

Digital reading on display with large digit height for easy reading.

Reset button for relative and comparative measurements; additional functions: HOLD (memory, short press) / REV (reverse, long press). Auto switch-off after approx. 7 min. of inactivity. Reading 0.05°. Accuracy ± 0.3°. Measurement range 0-180°. Power supply with 1 type 3V alkaline battery (Art. 3600 T), supplied.

Arch Ø	mm	100	150	200
Rod length	mm	150	300	400
4023G	Each	150,00	210,00	254,00

UNIVERSAL BEVEL PROTRACTORS

4026GB

SCU

INOX



Prod. SCU

In stainless steel, hardened and ground. 360° scale, four scale reads 0° to 90°.

Easy and accurate graduation reading. Vernier scale in 1/12 degree increment.

Sliding rod length	mm	300
4026GB	Each	84,10

BEVEL PROTRACTORS

4028

SCU

INOX



Prod. SCU

In stainless steel, hardened and ground. Easy reading thanks to the magnifying lens.

Matt 360° chrome plated scale divided into four sections from 0° to 90°. 1/12 degree nonius, parallax-free readings. Fine adjustment using a micrometer screw. With supplementary adjustable square and 150 - 200 - 300mm sliding rulers.

Boxed.

4028	Each	106,00
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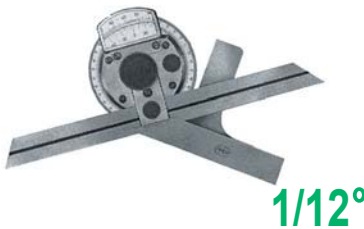
4028G

4028GA

4028GB

SCU

INOX



High-precision execution.

In stainless steel, hardened and ground.

Panoramic magnifier, 360° matt chrome plated, four 0° to 90° reading graduation. Vernier scale in 1/12 degree increments without parallax errors. Fine adjustment through micrometer screw.

Supplied in case.

Art.	4028G	4028GA	4028GB	
Sliding rod length	mm	150	300	500
Each	279,00	295,00	418,00	

The electronic digital version is available on request.

BEVEL PROTRACTORS WITH DIAL INDICATOR

4031



INOX



Orig. MIB - Art. 05060012

In stainless steel, hardened and ground.

Dial indicator. Four 0° to 90° reading graduation.

Vernier scale in 1/12 degree increments. Supplied in case.

Sliding rod length	mm	300
4031	Each	218,00

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PERIMETER SPECIAL STEEL MEASUREMENTS

Orig. MIB - Art. 07074065

For direct measuring of perimeters and diameters.
Vernier scale reading 0.1 mm. DIN 2768 m precision.
In special steel, flexible.

Size	6	
Circumference capacity	mm	5960-7230
Capacity Ø	mm	1900-2300
4036G	Each	141,00

Product running out of stock.



4036G



1/10

Orig. Richter

Product description as Art. 4036G
Big capacity. In stainless steel, flexible.
(Size 1 Orig. MIB - Art. 07074070)

Size	1		2		3		4		5	
Circumference capacity	mm	60-950	60-2200	60-3780	60-4720	60-5980				
Capacity Ø	mm	20-300	20-700	20-1200	20-1500	20-1900				
4037G	Each	84,10	91,50	123,00	143,00	149,00				
Size	6		7		8		9			
Circumference capacity	mm	60-7540	60-8500	60-9760	60-11310					
Capacity Ø	mm	20-2400	20-2700	20-3100	20-3600					
4037G	Each	155,00	175,00	181,00	188,00					



INOX 4037G



1/10

TAPES WITH GRADUATION

Orig. Richter - Art. SK527Ga-SK527GSa

In yellow enamelled steel, graduation in mm.
Left-to-right reading, width and thickness 13x0.2mm.
Without adhesive.

Belt length	mm	2000	3000	5000
4038A	Each	9,84	14,70	20,70



4038A



Product description as Art. 4038A

With adhesive.

Belt length	mm	2000	3000	5000
4038B	Each	14,90	22,20	33,10



4038B



Orig. Richter - Art. SK725Ga

In yellow enamelled steel, graduation in mm.
Left-to-right reading, width and thickness 13x0.2mm.
Without adhesive.

Belt length	mm	2000	3000	5000
4038E	Each	11,80	17,80	24,90



4038E



Orig. Richter - Art. SK725GSa

Product description as Art. 4038E
With adhesive.

Belt length	mm	2000	3000	5000
4038F	Each	16,80	24,90	37,20



4038F



FLEXIBLE STEEL RULERS

Prod. SCU

In stainless steel. Graduated on both sides.
Left-to-right reading.
mm/inch graduation.

Overall length	mm	300	500	1000
Width x thickness	mm	13x0,5	20x0,5	25x0,5
4040B	Each	2,90	11,20	27,20



INOX 4040B



In stainless steel.

Precision machined.

With both edges graded. Reading from left to right. Precision DIN 866 B.
mm/1/2mm scale on one side, mm/mm scale on the other side
(except type 500 which has mm/1/2mm scale on one side only).

Type	150		200		250		300		500		500A		1000	
Overall length	mm	150	200	250	300	500	500	1000						
Width x thickness	mm	13x0,5	13x0,5	13x0,5	13x0,5	13x0,5	20x0,5	25x0,5						
4040G	Each	1,94	2,36	2,54	3,24	6,90	22,40	23,80						



INOX 4040G





4041G SCU INOX



In stainless steel.
Satin accurate finish.
Graduated on both sides. Left-to-right reading. Precision according to DIN 866 B.
mm/mm scale on one side.

Type	500	
Overall length	mm	500
Width x thickness	mm	13x0,5
4041G	Each	26,40

SELF-ADHESIVE STEEL RULERS

4041GL SCU INOX



Prod. SCU
Self-adhesive. In stainless steel.
Satin accurate finish with protective film.
Graduated on both sides. Left-to-right reading. Precision according to DIN 866 B.
mm/1/2 mm graduation.

Overall length	mm	150	200	300	500	1000
Width x thickness	mm	13x0,3	13x0,3	13x0,3	13x0,3	18x0,5
4041GL	Each	10,10	11,70	18,20	31,60	104,00

4041GP SCU INOX



Product description as Art. 4041GL
mm/mm graduation.

Overall length	mm	150	200	300	500	1000
Width x thickness	mm	13x0,3	13x0,3	13x0,3	13x0,3	18x0,5
4041GP	Each	10,10	11,70	17,80	28,60	112,00

4041GR SCU INOX



Self-adhesive. In stainless steel.
Satin accurate finish with protective film.
Graduated on both sides. Right-to-left reading. Precision according to DIN 866 B.
mm/1/2 mm graduation.

Overall length	mm	150	200	300	500	1000
Width x thickness	mm	13x0,3	13x0,3	13x0,3	13x0,3	18x0,5
4041GR	Each	11,30	13,10	20,30	32,70	113,00

SEMI-RIGID STEEL RULERS

4043GA SCU INOX



Prod. SCU
In stainless steel, hardened and ground. Matt surface.
Graduated on both sides. Left-to-right reading.
Tolerance according to European Standards - Class II.
mm/mm graduation.

Overall length	mm	300	500	1000	1500	2000
Width x thickness	mm	30x1	30x1	30x1	30x1	30x1
4043GA	Each	10,50	15,80	30,10	45,10	60,10

4043GB SCU INOX



Product description as Art. 4043GA
mm/1/2 mm graduation.

Overall length	mm	300	500	1000	1500	2000
Width x thickness	mm	30x1	30x1	30x1	30x1	30x1
4043GB	Each	10,50	15,80	30,10	45,10	60,10

4043GC SCU INOX



Product description as Art. 4043GA
mm/inch graduation.

Overall length	mm	300	500	1000	1500	2000
Width x thickness	mm	30x1	30x1	30x1	30x1	30x1
4043GC	Each	7,50	16,50	30,10	45,10	60,10

4043GE SCU INOX



In stainless steel, hardened and ground. Matt surface.
Oversize dimensions. Graduated on both sides. Left-to-right reading.
Tolerance according to European Standards - Class II.
mm/mm graduation.

Overall length	mm	500	1000	1500	2000
Width x thickness	mm	40x2	40x2	40x2	40x2
4043GE	Each	54,10	97,50	144,00	195,00

4043GF SCU INOX



Product description as Art. 4043GE
mm/1/2 mm graduation.

Overall length	mm	1500	2000
Width x thickness	mm	40x2	40x2
4043GF	Each	196,00	245,00

Product running out of stock.

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In stainless steel, hardened and ground. Matt surface.
 Graduated on both sides. Left-to-right reading.
 Tolerance according to European Standards - Class II.
 mm/mm graduation.

Overall length	mm	300	500	1000	1500	2000
Width x thickness	mm	30x1	30x1	30x1	30x1	30x1
4043GP	Each	10,50	15,00	30,10	45,10	60,10

SCU

INOX 4043GP



RIGID STEEL RULERS

Prod. SCU

Beveled type. In hardened and ground steel.
 Graduation in mm.

Overall length	mm	500	1000
Width x thickness	mm	40x5	40x5
4044GT	Each	36,10	67,50

SCU

4044GT



In hardened and ground steel. Finely polished edges.
 Graduation in mm. Precision according to DIN 866 B.

Overall length	mm	500	750	1000	1500	2000
Width x thickness	mm	25x5	30x6	30x6	30x6	40x8
4045G	Each	26,50	45,60	54,70	85,10	146,00

SCU

4045G



In stainless steel. Finely polished edges.
 Graduation in mm. Precision according to DIN 866 B.

Overall length	mm	500	750	1000	1500	2000
Width x thickness	mm	25x5	30x6	30x6	30x6	40x8
4047G	Each	56,20	108,00	120,00	210,00	368,00

SCU

INOX 4047G



HIGH PRECISION STEEL RULERS

Prod. SCU

Over-size type, high precision.
 In hardened and ground steel. Finely polished edges.
 Graduation in mm. Precision according to DIN 866 A.

Overall length	mm	500	1000	1500	2000
Width x thickness	mm	30x6	40x8	40x8	50x10
4047GE	Each	45,60	91,10	168,00	250,00

SCU

4047GE



Over-size type, high precision.
 In stainless steel. Finely polished edges.
 Graduation in mm. Precision according to DIN 866 A.

Overall length	mm	500	1000	1500	2000
Width x thickness	mm	30x6	40x8	40x8	50x10
4047GL	Each	82,10	192,00	301,00	562,00

SCU

INOX 4047GL



STRAIGHT EDGES

Prod. SCU

In steel. Sides and edges finely ground and polished.
 Without graduation.
 Precision according to DIN 874/II.

Overall length	mm	500	750	1000	1500	2000
Width x thickness	mm	30x6	40x8	40x8	50x10	60x12
4048G	Each	42,60	69,90	85,10	161,00	228,00

SCU

874/II 4048G



Product description as Art. 4048G
 Precision according to DIN 874/I.

Overall length	mm	500	750	1000	1500	2000
Width x thickness	mm	40x8	50x10	50x10	60x12	70x15
4048GA	Each	60,80	107,00	128,00	243,00	638,00

SCU

874/I 4048GA



In stainless steel. Sides and edges finely ground and polished.
 Without graduation.
 Precision according to DIN 874/II.

Overall length	mm	500	1000	2000
Width x thickness	mm	30x6	40x8	60x12
4049G	Each	79,10	210,00	775,00

SCU

INOX 874/II 4049G





4049GA SCU INOX 874/I



Product description as Art. 4049G
Precision according to DIN 874/I.

Overall length	mm	500	1000	2000
Width x thickness	mm	40x8	50x10	70x15
4049GA	Each	122,00	335,00	1.440,00

HIGH PRECISION RULERS

4051G SCU 874/00
new



Prod. SCU
MINI type. Accuracy DIN 874/00. In special steel. Tempered, ground and lapped surfaces. With rod handle.
Particularly suitable for mold makers, fine mechanics and testing laboratories.
Provided in INDIVISIBLE set of 6 pcs. mm 8-12-16-20-30-40.
In wooden case.

4051G	Series	422,00
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4052G MIB 874/00



Orig. MIB
DIN 874/00 precision. In special steel. Hardened and ground.
Thermo-insulated gripping pads. Burnished execution.

Overall length	mm	75	100	125	150	200	
Supplier code		07075031	07075032	07075033	07075034	07075035	
4052G	Each	20,30	25,50	27,10	31,50	48,10	
Overall length	mm	300	400				
Supplier code		07075037	07075038				
4052G	Each	82,50	120,00				

4053G MIB INOX 874/00



DIN 874/00 precision. In stainless steel. Highly hardened, ground and lapped. Chrome-plated.
Thermo-insulated gripping pads.
Supplied in case.

Overall length	mm	75	100	125	150	200
Supplier code		07075011	07075012	07075013	07075014	07075015
4053G	Each	24,50	28,50	33,80	40,50	49,50
Overall length	mm	300	400			
Supplier code		07075017	07075018			
4053G	Each	87,10	150,00			

CURVIMETER

4100G SCU



Prod. SCU
To detect actual distances read in scale on maps, topographic maps and drawings. Dial Ø 40 mm, easy to read scales, knurled brass wheel for zero setting, body made of unbreakable plastic.
Scale: 25000-50000 - 75000-200000 on one side.
Scale: 20000-40000 - 80000-100000 on the other side.

4100G	Each	30,60
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WOODEN FOLDING RULERS

4110 SCU



Prod. SCU
WOODEN METERS.
5 boards and stainless steel spring hinges. Width: 16mm.
Enamelled in natural wood.

4110	Each	1,96
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4118 SCU



WOODEN FOLDING RULER
10 boards and stainless steel spring hinges. Width: 16mm.
Enamelled in natural wood.

4118	Each	3,28
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Prices in EURO . VAT not included



WOODEN FOLDING RULES

10 boards, steel springs and external rivets for excellent board movement.
Width 16mm.

Alternated decimeters enamelled in yellow/white.

4120 Each **3,44**

SCU



4120



WOODEN FOLDING RULER

10 boards; reinforced, lubricated stainless steel springs with hidden rivets for a fluid and guided movement of the boards. Width: 16mm.

Alternated decimeters enamelled in yellow/white, particularly sharp incision.

4122 Each **4,66**

SCU



4122



STAINLESS STEEL FOLDING RULERS

Prod. SCU

STAINLESS STEEL METERS.

10 boards and spring hinges.

Width 12mm.

4132 Each **16,80**

SCU



4132



STAINLESS STEEL FOLDING RULERS.

10 boards and spring hinges.

Width 14mm.

4134 Each **25,60**

SCU



4134



LIGHT METAL FOLDING RULERS

Prod. SCU

LIGHT METAL METERS

5 boards and brass spring hinges.

Width 14mm.

4137 Each **8,64**

SCU



4137



LIGHT METAL FOLDING RULES

10 boards and brass spring hinges.

Width 14mm.

4139 Each **14,80**

SCU



4139



PLASTIC FOLDING RULERS

Prod. SCU

10 boards.

In special plastic material, flexible, resistant, glass-fiber reinforced. Spring hinges.

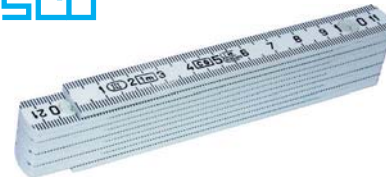
Accuracy class III.

PLASTIFLEX METERS

Width: 13mm.

4140 Each **3,80**

SCU



4140

Product description as Art. 4140

PLASTIFLEX FOLDING RULERS

Width 16mm.

4141 Each **5,60**

SCU



4141

COMPOSITE PLUS FOLDING RULERS

Prod. SCU

FOLDING RULERS made of a multilayer material composed of polyamide and glass fibre.

With 10 sections.

Professional, resistant to bending, resistant to water, oils, etc., deep engraving of the scale for greater resistance to wear. Resistant metal terminals and springs.

Easy to read thanks to the reverse scale.

Precision class II like the metal folding rulers.

4141AE Each **16,60**

SCU



4141AE





COMBINATED FOLDING RULERS WITH SQUARE

4141AL SCU



Prod. SCU

Polyamide plastic FOLDING RULERS.

With 10 sections.

Combines with variable angle square ruler function. Thanks to the pin on the sliding bar of the first section and to the hole in the third section, where the pin can be inserted, you can measure angles from 20° to 90° and complementary. Also, the sliding bar allows for very accurate measurements. Sharp and resistant engraving of the scale, resistant springs.

Easy to read thanks to the reverse scale. Precision class III

4141AL	Each	15,10
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4141B SCU

C II



Prod. SCU

Lock button and tape storing control. Yellow enamelld tape, matt, antireflection. ABS case, unbreakable. Hook end.

Accuracy class II.

Type		2	5
Belt length	m	2	5
Belt width	mm	16	19
Tolerance ±	mm	0,7	1,3

4141B	Each	2,64	4,64
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Product running out of stock.

4141BA SCU

C II



Tape lock button. Yellow enamelled tape.

Ergonomic ABS case, chrome plated. Hook end.

Accuracy class II.

Belt length	m	2	3	5
Belt width	mm	13	15	19
Tolerance ±	mm	0,7	0,9	1,3

4141BA	Each	3,52	4,06	5,68
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4141C SCU

C II



Window for inside digits direct reading.

Tape lock button and quick tape recovery. Yellow enamelled tape.

ABS case, white (3 m) or chrome plated (5 m), unbreakable. Hook end.

Accuracy class II.

Belt length	m	3	5
Belt width	mm	16	19
Tolerance ±	mm	0,9	1,3

4141C	Each	4,24	14,90
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4141DA SCU

C II



Professional type with high flexing resistant tape.

Tape lock button and quick tape recovery, shock absorber.

Yellow enamelled tape (10 m with nylon coating, anti-abrasion and anti-reflective). ABS case, unbrekable and rubberized for a safer and more comfortable grip. Hook end.

Accuracy class II.

Belt length	m	3	5	8	10
Belt width	mm	19	19	25	25
Tolerance ±	mm	0,9	1,3	1,9	2,3

4141DA	Each	2,48	3,48	6,60	10,20
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4141DB SCU

C II



Type with large magnetic tongue and high flexing resistant tape.

Tape lock button and rapid zero settig. Yellow enamelled tape. ABS case, unbreakable, coated with shockproof soft rubber for a safer and more comfortable grip. Hook end.

Accuracy class II.

Type		5A
Belt length	m	5
Belt width	mm	25
Tolerance ±	mm	1,3

4141DB	Each	5,38
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Orig. Gedore - Art. R9455

Professional type with high flexing resistant tape and magnet on the external tab. With tape locking button and rapid return. Yellow enamel tape with anti-abrasion and anti-reflective nylon coating. ABS case, unbreakable, coated with shockproof soft rubber for a safer and more comfortable grip. Belt clip. Accuracy class II.

Belt length	m	3	5	8
Belt width	mm	19	19	25
Tolerance ±	mm	0,9	1,3	1,9
4141DE	Each	9,64	13,60	17,60



Prod. SCU

Professional type with high flexing resistant tape. Tape lock button and quick tape recovery. Yellow enamelled tape. Chrome plated, unbreakable ABS case with belt clip. Hook end. Accuracy class II.

Belt length	m	3	5	8	10
Belt width	mm	16	25	25	25
Tolerance ±	mm	0,9	1,3	1,9	2,3
4141DG	Each	3,82	6,96	10,10	12,40



Professional type with high flexing resistant tape (it does not bend up to approx. 3m height). Tape lock button and quick tape recovery, shock absorber. Yellow enamelled tape with stainless steel tongue. ABS case, unbreakable and chrome plated. Hook end. Accuracy class II.

Belt length	m	3	5	8
Belt width	mm	25	25	25
Tolerance ±	mm	0,9	1,3	1,9
4141E	Each	8,34	10,40	14,10



Type with extra large tape with a very high flexing resistance (it does not bend up to approx. 3m height). Tape lock button and quick tape recovery, shock absorber. Yellow enamelled tape, matt, antireflection, nylon-coated, resistant to abrasion. Unbreakable ABS case; in stainless steel coated with shockproof soft rubber for a safer and more comfortable grip. Belt hook. Accuracy class II.

Belt length	m	5	8
Belt width	mm	33	33
Tolerance ±	mm	1,3	1,9
4141H	Each	14,90	22,20



Type with triple tape grading in mm/feet/inches. Lock button and tape storing control. Yellow enamelled tape, matt, antireflection, with special abrasion-proof coating. Unbreakable ABS case; coated with shockproof soft rubber for a safer and more comfortable grip. Belt hook. Precision class II.

Belt length	m	3	5	8
Belt length	feet	10'	16'	26'
Belt length	inch	120"	200"	320"
Belt width	mm	16	19	25
Tolerance ±	mm	0,9	1,3	1,9
4141P	Each	10,70	14,20	23,60



ELECTRONIC DISTANCE MEASURING INSTRUMENTS

Prod. SCU - SKILL

Ultrasound model for inside and outside measurements. Enable non-contact distance, surface and volume measurements. With laser pointer for reference only and 2 positioning spirit levels. Summative functions up to 10 measurements, measurement correction, m/inch conversion. 5 digits digital display for m, cm, mm measurements. 1 x 9 V alkaline battery operated (Art. 3600 M).

Automatic disconnection after 30 sec. idle time. Battery level indicator. Measuring range 0.5m to 15m. Accuracy: +/- 0.5% +/- 1 figure. Opening angle +/- 5°. Supplied in case.

4141R	Each	110,00
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Product running out of stock.





4141TE SCU  



IP54

High precision class II laser beam for indoor and outdoor measurements. It detects, without contact, distances; it calculates areas and volumes; it saves measurements; by using simple functions of the Pythagorean theorem, it allows for distance measurements. Wide digital display with unit of measurement in meters, feet, inches. Back-lit. Automatic switch-off after 3 minutes of inactivity. Powered by two 1.5 V AAA alkaline batteries (Art. SCU 3600 C), included. Measuring capacity from 0.05 to 40 m. Accuracy +/- 1.5 mm.

4141TE	Each	166,00
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4141TL *new* SCU  



Prod. SCU
Product description as Art. 4141TE
Bubble integrated in the body.
Measuring capacity from 0.3 to 60 m. Accuracy +/- 1.5 mm. Data storage function.

4141TL	Each	218,00
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4141ZA SCU  



IP54

Product description as Art. 4141TE
Measuring capacity from 0.1 to 80 m. Accuracy +/- 1.5 mm. Data storage function detected.

4141ZA	Each	322,00
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TELESCOPIC METERS

4142G  



LATO MILLIMETRATO

LATO STADIA

Orig. Richter - Art. 6735
Suitable to measure the dimensions of ceilings, suspended elements and depth measurements. Rectangular housing, 5 staves made from light aluminium alloy with protective anodised coating. Fixed circular level for vertical positioning. On one side there is a millimetre scale, on the other it is Imperial. Length when closed 1.25 m.

Capacity	m	5
4142G	Each	80,70

NYLON MEASURING TAPES

4144 SCU 



NASTRO NYLON - CIFRE SU DUE LATI

Prod. SCU
Type with nylon tape with fiber glass reinforcement. ABS case. Tape width: 15mm. Increments in CENTIMETERS. Accuracy class III.

Belt length	m	10	20	50
4144	Each	7,18	11,80	22,90

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FIBER GLASS MEASURING TAPES

Prod. SCU

Type with fiber glass tape.
Case made of unbreakable ABS coated with anti-shock soft rubber for a more secure and comfortable grip.
Tape width: 15mm. Increments in CENTIMETERS.
Accuracy class III.

Belt length	m	20	30	50
4144E	Each	13,40	18,20	26,10

SCU CE C III 4144E



NASTRO FIBRA VETRO - CIFRE SU DUE LATI

Type with fiber glass tape.

Metal case with imitation leather coating.
Tape width: 16mm. Increments in CENTIMETERS.
Accuracy class III.

Belt length	m	10	20	30	50
4144F	Each	11,70	16,70	22,10	50,60

SCU C III 4144F



NASTRO FIBRA VETRO - CIFRE SU DUE LATI

Orig. Richter - Art. 274 P

Type with fiber glass tape, PVC-coated. Hand crank rapid roll up.
Metal case coated with synthetic leather. Indeflexible tape, width: 16mm.
Graduation on one side.

Division into CENTIMETER. Accuracy class II.

Belt length	m	10	20
Tolerance ±	mm	2,3	4,3
4145GE	Each	23,10	32,50

Spare tapes for Art. 4145 GE.

Belt length	m	10	20
O4145GE	Each	12,40	19,50

Richter Messwerkzeuge Measuring Tools C II 4145GE



NASTRO FIBRA VETRO - CIFRE SU UN LATO

Orig. Richter - Art. 272 P

Product description as Art. 4145GE
Division into MILLIMETER. Accuracy class II.

Belt length	m	10	20
Tolerance ±	mm	2,3	4,3
4146G	Each	23,10	32,50

Spare tapes for Art. 4146 G.

Belt length	m	10	20
O4146G	Each	12,40	19,50

Richter Messwerkzeuge Measuring Tools C II 4146G



NASTRO FIBRA VETRO - CIFRE SU UN LATO

POLYSAN MEASURING TAPES

Orig. Richter - Art. 404 P

Type with polyamid coated steel tape, enamelled, yellow. Increments in black and meter indication in red all tape long.
Rust-proof, antireflection, scratch-resistant, unbreakable and indeformable.
Hand crank tape rapid roll up. Metal case coated with synthetic leather.
Tape width: 13mm, graduated on one side only.
Increments in MILLIMETERS. Accuracy class II.

Belt length	m	10	20
Tolerance ±	mm	2,3	4,3
4147GB	Each	31,70	42,60

Spare tapes for Art. 4147 GB.

Belt length	m	10	20
O4147GB	Each	15,60	26,40

Richter Messwerkzeuge Measuring Tools C II 4147GB



NASTRO ACCIAIO RIVESTITO CIFRE SU UN LATO



STEEL MEASURING TAPES

4148GM Richter
Messwerkzeuge
Measuring ToolsNASTRO SMALTATO BIANCO
CIFRE SU UN LATO

C II

Orig. Richter - Art. 348

Type with white enamelled tape. Graduation on one side only. Pocket execution reduced in dimensions and weight. Tape width: 10mm.

Hand crank tape rapid roll up. Metal case coated with synthetic leather.

Division into MILLIMETER. Accuracy class II.

Belt length	m	10	20	30
Tolerance ±	mm	2,3	4,3	6,3
4148GM	Each	22,20	30,80	41,50

Spare tapes for Art. 4148 GM.

Belt length	m	10	20	30
O4148GM	Each	12,20	19,70	26,90

4149GA Richter
Messwerkzeuge
Measuring Tools

NASTRO ACCIAIO - CIFRE SU UN LATO

C II

Orig. Richter - Art. 308 PZ

Graduation on one side only. Width: 13mm. Hand crank tape rapid roll up. Increments in MILLIMETERS. Accuracy class II.

Burnished tape and case sheathed in synthetic leather.

Belt length	m	10	20	50
Tolerance ±	mm	2,3	4,3	10,3
4149GA	Each	24,50	33,10	68,40

Spare tapes for Art. 4149 GA.

Belt length	m	10	20	50
O4149GA	Each	12,90	20,60	47,10

4149GD Richter
Messwerkzeuge
Measuring ToolsNASTRO SMALTATO BIANCO
CIFRE SU UN LATO

C II

Orig. Richter - Art. 308 WZ

Product description as Art. 4149GA

White enamelled tape and case sheathed in synthetic leather.

Belt length	m	10	20	30	50
Tolerance ±	mm	2,3	4,3	6,3	10,3
4149GD	Each	24,50	33,10	44,10	68,40

Spare tapes for Art. 4149 GD.

Belt length	m	10	20	30	50
O4149GD	Each	12,20	19,70	26,90	45,10

4149GF Richter
Messwerkzeuge
Measuring Tools

INOX

NASTRO INOX - CIFRE SU UN LATO

C II

Orig. Richter - Art. 358 PZ

Product description as Art. 4149GA

Stainless steel tape and case sheathed in synthetic leather.

Belt length	m	10	20	30	50
Tolerance ±	mm	2,3	4,3	6,3	10,3
4149GF	Each	29,90	44,60	64,60	96,50

Spare tapes for Art. 4149 GF.

Belt length	m	10	20	30	50
O4149GF	Each	17,30	31,30	46,50	73,30

4150GF Richter
Messwerkzeuge
Measuring Tools

INOX

NASTRO INOX - CIFRE SU UN LATO

C II

Orig. Richter - Art. 356 PZ

Graduation on one side only. Width: 13mm. Hand crank tape rapid roll up. Increments in MILLIMETERS. Accuracy class II.

Stainless steel tape and case sheathed in synthetic leather.

Belt length	m	10	20	50
Tolerance ±	mm	2,3	4,3	10,3
4150GF	Each	29,90	44,60	96,50

Spare tapes for Art. 4150 GF.

Belt length	m	10	20	50
O4150GF	Each	17,30	31,30	73,30



FIBER GLASS MEASURING TAPES

Prod. SCU

Type with glass fiber tape.
Aluminium alloy frame and handle in synthetic material.
Tape width: 15mm. Increments in CENTIMETERS.
Accuracy class III.

Belt length	m	20
4151F	Each	25,70

Product running out of stock.

SCU

C III

4151F



NASTRO FIBRA VETRO - CIFRE SU DUE LATI

POLYSAN MEASURING TAPES

Orig. Richter - Art. 404 R

Type with polyamid coated steel tape.
Enamelled, yellow tape. Increments in black and meter indication in red all tape long. Rust-proof, antireflection, scratch-resistant, unbreakable and indeformable.
Handle grip in synthetic material, unbreakable. Tape width: 13mm. Graduation on one side only. Increments in MILLIMETERS. Accuracy class II.

Belt length	m	20	50
Tolerance ±	mm	4,3	10,3
4151GR	Each	45,30	82,70

Spare tapes for Art. 4151 GR.

Belt length	m	20	50
O4151GR	Each	26,40	61,90

Richter
Messwerkzeuge
Measuring Tools

C II

4151GR



**NASTRO ACCIAIO RIVESTITO
CIFRE SU UN LATO**

STEEL MEASURING TAPES

Orig. Richter - Art. 464 SR

Type with handle in unbreakable plastic material. Light alloy anodized frame.
Tape width: 13mm. Graduation on one side only. Increments in MILLIMETERS.
Accuracy class II.
Stainless steel tape.

Belt length	m	20	30	50
Tolerance ±	mm	4,3	6,3	10,3
4153GB	Each	48,30	57,40	91,80

Spare tapes for Art. 4153 GB.

Belt length	m	20	30	50
O4153GB	Each	31,30	46,50	73,30

Richter
Messwerkzeuge
Measuring Tools

C II

4153GB



NASTRO INOX - CIFRE SU UN LATO

Orig. Richter - Art. 414 W SR

Product description as Art. 4153GB
White enamelled tape.

Belt length	m	20	30	50
Tolerance ±	mm	4,3	6,3	10,3
4153GC	Each	36,70	44,80	63,60

Spare tapes for Art. 4153 GC.

Belt length	m	20	30	50
O4153GC	Each	19,70	26,90	45,10

Richter
Messwerkzeuge
Measuring Tools

C II

4153GC



**NASTRO SMALTATO BIANCO
CIFRE SU UN LATO**

STEEL MEASURING TAPES WITH PLUMB BOB

Orig. Richter - Art. 414 MS

Model with wooden handle. Brass frame. Tape length: 30m, tape width: 13mm. Graduated on one side only. Increments in MILLIMETERS. Plumb bob weight: 0.400kg. Suitable to measure well, cistern, basin, reservoir depth.
Burnished tape and plumb bob.

4155GA	Each	91,40
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Spare tapes without plumb bob for Art. 4155 GA.

O4155GA	Each	26,90
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Richter
Messwerkzeuge
Measuring Tools

4155GA



NASTRO ACCIAIO - CIFRE SU UN LATO



Orig. Richter - Art. 464 MS

Product description as Art. 4155GA

Stainless steel and plumb bob.

4155GB Each **107,00**

Spare tapes without plumb bob for Art. 4155 GB.

O4155GB Each **42,10**

Plumb bob for Art. 4155 GA / 4155 GB.

O4155GC Each **30,60**

ROAD DISTANCE MEASURING DEVICE



Prod. SCU

In duralumin tubing, telescopic. Counter for measurements up to 9999.9m (additive forward measurements, backward subtractive measurements).

Zero setting knob. Rubber-coated wheel Ø 355mm.

Overall length when open 1050mm.

4160A Each **147,00**



Orig. Richter - Art. 6680

Heavy duty. In steel tubing, collapsible, with handle. Large dimension for measurements up to 9999.9m (additive forward measurements, backward subtractive measurements).

Zero setting lever. Rubber-coated sturdy wheel Ø 320mm.

4160GP Each **317,00**

WATER LEVELS



Prod. SCU

ABS housing, transparent and unbreakable, graduation in mm 0-120. Self-lubricating cocks in synthetic material.

Supplied in couple. To be used with connection pipe Art. O4164 (not included).

4164 Per pair **13,40**

Connection pipe in transparent rubber, length 20m.

O4164 Each **13,60**

ROUND BUBBLES



Prod. SCU

In acrylic material, shock resistant.

Coloured liquid to highlight the air bubble. Sensitivity 1.8 mm/m.

Base Ø	mm	14	18	20	30
4164L	Each	5,82	5,82	5,82	7,76

MINI LEVELS



Prod. SCU

In unbreakable ABS, T-shaped. With No.2 vials, horizontal and vertical. Sensitivity 1.8 mm/m.

With holes for mounting screws. Dimensions 60x45mm.

4164T Each **3,68**

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POCKET-LEVELS

Prod. SCU

In aluminium.
With hooking clip. With 1 horizontal vial.

Overall length	mm	100
4165A	Each	11,20

SCU

4165A



In unbreakable ABS. With 3 vials, horizontal, vertical and bent at 45°. With magnetic support.

Overall length	mm	230
4165G	Each	2,42

SCU

4165G



In unbreakable ABS. With 3 vials, horizontal, vertical and bent at 45°. With magnetic base and reinforced edges.

Overall length	mm	225
4165GM	Each	6,66

SCU

4165GM



ALUMINIUM LEVELS

Prod. SCU

In die-cast aluminium. Ground support base. Thinned profile, 2 vial in shock-proof material, horizontal and vertical. 1mm per metre accuracy (0.057°).

Length	mm	400	500	600
4175	Each	19,10	20,80	22,70

SCU

4175



DURALUMIN LEVELS

Prod. SCU

Profiled type.
0.5mm per metre accuracy (0.029°).
2 unbreakable vials, horizontal and vertical (length 100mm with 1 horizontal vial).

Overall length	mm	100	150	200	300	400	500	600
4179A	Each	7,38	11,50	11,50	12,30	14,10	15,50	17,60
Overall length	mm	800	1000	1200	1500			
4179A	Each	21,10	25,10	30,50	36,70			

SCU

4179A



Product description as Art. 4179A

3 unbreakable vials, horizontal, vertical and bent at 45°.

Overall length	mm	300	400	500	600	800	1000	1200	1500
4179B	Each	14,30	16,30	17,90	20,10	23,80	28,60	35,60	40,10

SCU

4179B



model profile with 2 handles paperwork for a better grip. Professional.
Accuracy 0.5 mm per metre (0.029°).

With 3 shatter-proof spirit levels, horizontal, vertical and 45° inclined.

Oven painted.

Overall length	mm	600	800	1000	1200	1500	2000
4179E	Each	40,20	46,10	52,10	57,50	70,60	87,60

SCU

4179E



Profiled type.

Support base graduated in mm. 1mm per metre accuracy (0.057°). 3 vials in shock-proof material, horizontal, vertical and bent at 45°.

Overall length	mm	300	400	500	600	800	1000
4179G	Each	11,50	13,20	14,90	16,50	19,80	25,80

SCU

4179G



Heavy model in die-cast aluminium, ground on all surfaces.

Adjustable and interchangeable central vial. 3 vials in shock-proof material, horizontal, vertical and bent at 45°.

Overall length	mm	400	500	600	800
4180P	Each	29,80	32,70	37,30	44,30

SCU

4180P



Spare horizontal vials for Art. 4180 P.

O4180P	Each	1,46
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4184G **Richter**
Messwerkzeuge
Measuring Tools



Orig. Richter

Extra model - Sturdy and stable support base, width 25mm. 3 vials in shock-proof material, horizontal, vertical and bent at 45° allow the level to be read from any angle. 0.5mm per metre accuracy (0,029°).

Overall length	mm	400	600	800	1000	1500
4184G	Each	30,90	34,10	37,70	41,80	61,40

Spare horizontal vials for Art. 4184 G.

O4184GM	Each	6,46
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Spare vertical or bent vials for Art. 4184 G.

O4184GP	Each	6,46
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DURALUMIN MAGNETIC LEVELS

4184H **SCU**



Prod. SCU

Magnetic base with powerful magnet. 2 impermeable vials in shock-proof material, horizontal and vertical.

Overall length	mm	220
4184H	Each	21,60

4184M **SCU**



Magnetic base with two powerful magnets. 2 impermeable vials in shock-proof material, horizontal and vertical. Only central vial is adjustable and interchangeable.

Support base graduated in mm except dimensions 1200 - 1500mm. Yellow finish.

0.5mm per metre accuracy (0.029°).

Overall length	mm	300	400	500	600	800	1000	1200	1500
4184M	Each	23,10	24,20	29,10	30,50	39,30	41,80	48,00	56,10

Spare horizontal vials for Art. 4184 M.

O4184M	Each	1,46
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4185G **SCU**



Magnetic base with two powerful magnets. 3 impermeable vials in shock-proof material, horizontal, vertical and bent at 45°. 1mm per metre accuracy (0.057°).

Overall length	mm	400	500	600
4185G	Each	18,10	20,20	22,80

INCLINE LEVELS

4186A **SCU**



Prod. SCU

Type with pivot pin, particularly suited to measure angles and slopes.

Reading on graduated scale 0 to 5%. 2 vials in shock-proof material, horizontal and vertical. In profiled anodized aluminium. Length: 600mm. When rotating the handwheel, the pin moves in or out to show the measured or wished slope.

4186A	Each	60,60
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ELECTRONIC ANGLE MEASURING DEVICES

4186F **SCU**



Prod. SCU

Aluminium profile with 2 unbreakable bubbles, horizontal and vertical.

Electronic inclination measuring instrument with display reading in degrees. Division 0.1°.

With ON/OFF key, HOLD key to store the measurement and key for the display backlight.

For angles from 0° to 225°, accuracy ± 0.057°.

With lock knob.

Operation with 9 V battery (Art. 3600 M), included.

Length of spirit level: 400 mm.

In case.

4186F	Each	85,60
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4186G **Richter**
Messwerkzeuge
Measuring Tools



Orig. Richter - Art. 3033

Professional typem, profiled in duralumin, 2 vials in shock-proof material, horizontal and vertical.

Accuracy 0.5 mm/m. Digital angle measuring device with direct display reading in degrees and percent. Increments in 0.05°. With ON / OFF key, HOLD key for storing the measurement, beep key for angle 0° and 90°, key for conversion degrees / percentage and calibration key

Accuracy of slope measuring device:

±0.5° for 0° to 90° angles

±20° for 1° to 89° angles

9 V battery operated (Art. 3600 M) included.

Length: 600mm. In case.

4186G	Each	442,00
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LASER SPIRIT LEVELS

Prod. SCU

Laser level in sturdy duralumin tube. 2 vials in shock-proof material, horizontal and rotating. 650nm wave length laser, power 1 mW.
 Measuring range approx. 30m (depends on ambient light).
 2 x AAA (Art. 3600 C) alkaline batteries, supplied. Vial accuracy: 0.5 mm/m. Length: 400mm.
 Ideal for rapid and precise alignements on long distances.
 Supplied complete with rotating base support, 1200mm tripod and glasses.
 Delivered in plastic case.

4186GL Each **140,00**



TURNING LASER SPIRIT LEVELS

Prod. SCU

Laser level for horizontal and vertical alignements, with 3 vials in shock-proof material, 2 horizontals, 1 vertical.
 Rotating base support for easy, continuous alignment and 360° marking.
 Operated by 4 alkaline batteries type AA (Art. 3600 F), supplied. Rotation speed: 0-500 rpm.
 650nm wave length laser, power 1 mW (Class 2).
 Measurement range approx. 10m (depending on brightness).
 0.5 mm/m alignment precision.
 Supplied with 1200mm tripod and protection glasses.
 In plastic case.

4186GR Each **200,00**

Product running out of stock.



Professional grade laser for horizontal and vertical alignements. With unbreakable bubbles and 3 manual levelling system. Movement powered by 4 AA alkaline batteries (Art. 3600 E), supplied.
 Remote to remote control, carried out by a single operator, with 9 V alkaline battery (Art. 3600 M), supplied.
 Rotational speed 100-300 RPM. Laser beam with wavelength 635 nm, 1 mW power (class 2).
 Measuring capacity c.ca 10 m (depends on the brightness of light); with receiver up to 100 m, working with 9 V alkaline battery (Art. 3600 M), supplied.
 Accuracy ± 0.2 mm/m for horizontal measurements.
 Accuracy ± 0.3 mm/m for vertical measurements.
 Complete with glasses to highlight the Laser beam.
 Sturdy plastic case.

Weight Kg 0,85
4186GRE Each **2.580,00**



**4186GRF** SCU

STANDS FOR ROTATING LEVELS ART. 4186 GRE

Robust and stable model with manual adjustment and sealing of chain telescopic legs to avoid any slippage.

Adjustable height 1050 mm to 2100. Pointed feet. With carrying strap.

Weight Kg 4.

4186GRF Each **375,00**

4186GS SCU

Super-professional laser beam type for horizontal and vertical alignment. With 1 shatterproof spirit level and electric self-levelling system. Power driven by special rechargeable batteries (5x1.2 VDC Ni-H), provided, or by alkaline batteries (4x1.5 VDC type LR 20 (D) Art. 3600 L), not provided. Remote control device, for use by a single operator, with 9 V battery (Art. 3600 M), provided.

Rotation speed 0/5/200/420 rpm. Laser beam with wavelength 635 nm, power 1 mW (Class 2). Measuring capacity approx. 20 m (depending on the luminosity of lighting); with receiver up to 200 m (operates with 2 x 1.5 V AA alkaline batteries, Art. 3600 E, provided).

Sensor with flashing light to signal when the laser beam reaches the required point.

Precision ± 0.1 mm/m for horizontal measurements.

Precision ± 0.2 mm/m for vertical measurements.

Battery charger V 110-240 Hz 50-60.

In a sturdy plastic case.



Weight Kg 2,5
4186GS Each **4.320,00**

Product running out of stock.

CORD MARKER**4186T** SCU**Prod. SCU**

Sturdy cord marker, rechargeable.

Plastic housing, cotton cord 25m length.

Roll up hand crank. With hook.

It can be also used as plumb line. Supplied with blu powder 150gr bottle, Art. 4186 V 1.

4186T Each **5,86**

4186TE SCU

Professional model with magnesium alloy body, durable and lightweight and cotton/nylon yarn for maximum dust impregnation capability/strength, length 30 m. Fast extraction system of rope, without rotation of the crank, by pressing on the "PUSH" button. Anchor hook hardened and serrated, headquartered in the body for a tracker's convenient and safe housing.

Large dust tank with wide opening for filling. Hips plates for platter a perfectly level surface on both sides. With clips for application to belt or pocket.

Can be used also as a plumb line.

4186TE Each **13,90**



Product description as Art. 4186TE

System for quick return of the rope by means of rotation of the crank with 5: 1 ratio. Anchor hook hardened and toothed, with headquarters in the body of the plotter for a comfortable and secure housing.

SCU

4186TF



4186TF	Each	18,10
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POWDER FOR MARKER

Prod. SCU

Type for tracing. In 150gr bottles.

Type	1	2
Colour	blue	red
4186V	Each 1,66	1,66

SCU

4186V



4186V 1 4186V 2

Professional model with special powder for tracing (3 model is dark blue, particularly visible and resistant to erasure). In bottles.

Type	1	2	3
Colour	blue	red	dark blue
Contents	grams 250	250	100
4186VE	Each 3,38	3,38	2,64

SCU

4186VE



1 2 3

INCLINE SPIRIT LEVELS WITH PROTRACTOR

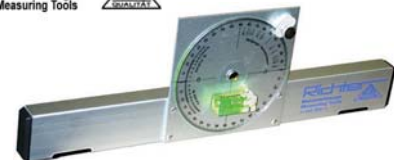
Orig. Richter - Art. 1085M

Suitable to mark inclined planes and carpentry and carpentry works in general. Graded protractor of 4x90° =360°. Locking device. Vial in shock-proof material. In anodised aluminium with magnetic base.

Overall length	mm	400	600
4187G	Each	58,90	71,80

Richter
Messwerkzeuge
Measuring Tools

4187G



DIGITAL INCLINE SPIRIT LEVELS

Orig. MIB - Art. 06071995

Alluminium body with precision resting surface. Direct reading on large-sized display of all angles up to 360° (4x90°).

Zero setting in every point. Memory button.

Reading: 0.1°. Accuracy: 0.2°.

Dimensions: 150x30x60hmm.

Operated by long lasted battery.

4192G	Each	165,00
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MIB
MESSZEUGE
GERMANY

4192G



PRECISION LEVELS IN ALUMINIUM

Prod. SCU

1 longitudinal vial. Accuracy: 0.6 per 1000 mm. Prismatic and ground support base. Width: 22mm.

Length	mm	100	150	200	250	300
4194G	Each	92,10	102,00	115,00	142,00	165,00

SCU

0,6x1000

4194G





METAL SPIRIT LEVELS

4195E

SCU

0,30x1000



Prod. SCU

With 2 spirit levels. Flat-prismatic base.
Ground base with spirit level adjustment screws.
In a case.

Accuracy: 0.30 per 1000 mm.

Length approx	mm	150	200	300
4195E	Each	162,00	188,00	263,00

4196A

SCU

0,05x1000



With 2 spirit levels. Precision model.

Finely ground flat-prismatic base. Spirit level adjustment screw.
In a case.

Accuracy: 0.05 per 1000 mm.

Length approx	mm	150	200	250	300
4196A	Each	162,00	173,00	200,00	250,00

4196B

SCU

0,02x1000



Product description as Art. 4196A

Accuracy: 0.02 per 1000 mm.

Length approx	mm	150	200	250	300
4196B	Each	169,00	185,00	219,00	269,00

METAL PRECISION LEVELS

4197GD

SCU

0,04x1000



Prod. SCU

With two vials. High paccuracy model according to DIN 877.
Flat-prismatic base, finely ground. Support base in stabilised cast iron. Thermo insulating handle.
Thanks to a careful assembly, vials assure constant measuring accuracy. Longitunal vial with protection glass.

Supplied in case.

Accuracy: 0.04 per 1000 mm.

Length	mm	160	200	250	300
4197GD	Each	449,00	524,00	612,00	674,00

4197GE

SCU

0,02x1000



Product description as Art. 4197GD

Accuracy: 0.02 per 1000 mm.

Length	mm	160	200	250	300
4197GE	Each	540,00	640,00	704,00	757,00

4197GF

SCU

0,01x1000



Product description as Art. 4197GD

Accuracy: 0.01 per 1000 mm.

Length	mm	200	250	300
4197GF	Each	796,00	857,00	964,00

METAL SPIRIT LEVELS

4198

0,30x1000



Orig. MIB

Square type framework. With 2 bubbles.
Two flat and two prismatic sides. Rectified base.
In case.

Sensitivity 0.30 to 1000 mm.

Side length	mm	150	200
Supplier code		06072041	06072042
4198	Each	233,00	248,00

11



Prod. SCU

Square precision model. With 2 spirit levels.
Two flat and two prismatic sides. Ground base.
In a case.

Accuracy: 0.05 per 1000 mm.

Side length	mm	200	250
4198B	Each	277,00	323,00

SCU



4198B

0,05x1000

Product description as Art. 4198B

Accuracy: 0.02 per 1000 mm.

Side length	mm	200	250
4198C	Each	300,00	369,00

SCU



4198C

0,02x1000

METAL PRECISION LEVELS

Prod. SCU

High accuracy square model. Three prismatic sides and one vertical smooth side, finely ground.
Two vials. High accuracy according to DIN 877. In stabilised cast iron. Thermo insulating handle.
Thanks to a careful assembly, vials assure constant measuring accuracy. Longitunal vial with protection glass.

Accuracy: 0.04 per 1000 mm.

Length	mm	150	200
4202GD	Each	943,00	1.140,00

SCU



4202GD

0,04x1000

Product description as Art. 4202GD

Accuracy: 0.02 per 1000 mm.

Length	mm	150	200
4202GE	Each	1.050,00	1.270,00

SCU



4202GE

0,02x1000

Product description as Art. 4202GD

Accuracy: 0.01 per 1000 mm.

Length	mm	200
4202GF	Each	1.850,00

SCU



4202GF

0,01x1000

High accuracy square model, 90° smooth magnetic base and three finely ground prismatic sides. Two vials. High accuracy according to DIN 877.

In stabilised cast iron. Thermo insulating handle. Thanks to a careful assembly, vials assure constant measuring accuracy. Longitunal vial with protection glass.

Supplied in case.

Accuracy: 0.04 per 1000 mm.

Length	mm	150	200
4204GD	Each	1.690,00	2.010,00

SCU

MAGNETICHE



4204GD

0,04x1000

Product description as Art. 4204GD

Accuracy: 0.02 per 1000 mm.

Length	mm	150	200
4204GE	Each	1.790,00	2.140,00

SCU

MAGNETICHE



4204GE

0,02x1000



STEEL SQUARES

4250

SCU



Prod. SCU

In steel, galvanized.
Execution for carpentry.
Standard execution.

Dimensions	mm	100x70	150x100	200x130	250x160	300x175	400x200	500x250
Section	mm	20x5	20x5	25x5	25x6	30x6	30x6	30x6
4250	Each	6,14	6,72	8,84	10,80	11,80	15,40	19,20
Dimensions	mm	600x300						
Section	mm	30x6						
4250	Each	23,00						

The sections of the squares are subject to changes.

4251

SCU



In steel, grinded, polished.
Fine execution for carpentry.
Back squares, with screws.

Dimensions	mm	100x70	150x100	200x130	250x160	300x175	400x200	500x250
Section	mm	20x5	20x5	25x5	25x6	25x5	30x6	30x6
4251	Each	13,50	14,60	16,80	19,10	24,90	28,90	34,70
Dimensions	mm	600x300						
Section	mm	30x6						
4251	Each	42,10						

The sections of the squares are subject to changes.

4251E

SCU



Fine execution for carpentry. In steel, galvanized.

Back squares, welded.

Dimensions	mm	100x70	150x100	200x135	250x165	300x180	400x200	500x250
Section	mm	20x5	20x5	25x5	25x5	30x6	30x6	30x6
4251E	Each	9,20	10,30	13,50	17,30	19,20	22,70	26,50
Dimensions	mm	600x300						
Section	mm	30x6						
4251E	Each	35,30						

The sections of the squares are subject to changes.

PRECISION STEEL SQUARES

4251M

SCU



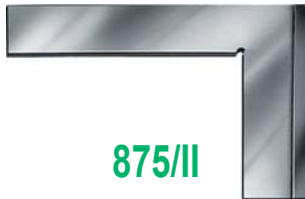
Prod. SCU

In steel, undeformable. Accurate execution according to DIN 875/II.
Completely ground. Heavy model. Polished edges.
Standard execution.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x175	500x250
Section	mm	15x5	20x5	25x5	30x6	35x7	35x7	40x8
4251M	Each	9,50	10,30	13,30	18,10	28,70	35,90	77,90
Dimensions	mm	750x375		1000x500				
Section	mm	45x10		50x8				
4251M	Each	170,00		240,00				

4251P

SCU



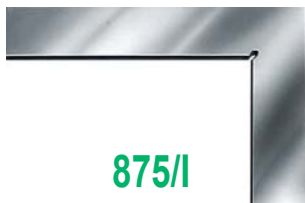
Product description as Art. 4251M

Back squares, with screws.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x175	500x250
Section	mm	15x5	20x5	25x5	30x6	35x7	35x7	40x8
4251P	Each	13,30	14,60	19,90	24,30	37,50	45,00	109,00
Dimensions	mm	750x375		1000x500				
Section	mm	45x10		50x8				
4251P	Each	222,00		285,00				

4259G

SCU



In steel, undeformable. Accurate execution according to DIN 875/I.
Completely ground. Heavy model. Polished edges.

Standard execution.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200	500x330
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8	50x10
4259G	Each	13,30	15,30	17,10	24,30	33,40	49,20	175,00



Product description as Art. 4259G

Back squares, with screws.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200	500x330
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8	50x10
4260G	Each	14,90	17,40	24,40	32,70	42,70	61,90	208,00

SCU

4260G



875/I

PRECISION STAINLESS STEEL SQUARES

Prod. SCU

In stainless steel. Accurate execution according to DIN 875/II.

Completely ground. Heavy model. Finely polished edges.

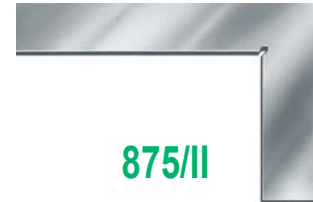
Standard execution.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8
4261G	Each	14,90	18,30	26,80	42,10	58,50	77,10

SCU

INOX

4261G



875/II

Product description as Art. 4261G

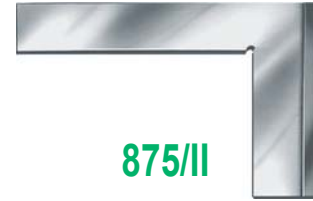
Back squares, with screws.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8
4262G	Each	23,70	30,90	40,40	57,10	80,20	101,00

SCU

INOX

4262G



875/II

In stainless steel. Accurate execution according to DIN 875/I.

Completely ground. Heavy model. Finely polished edges.

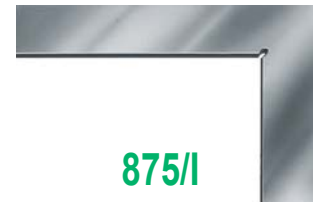
Standard execution.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200	500x330
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8	50x10
4263G	Each	15,30	17,40	21,60	28,70	49,20	58,10	201,00

SCU

INOX

4263G



875/I

Product description as Art. 4263G

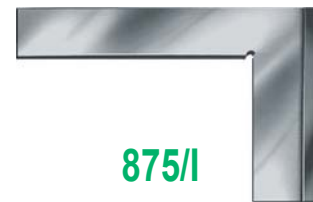
Back squares, with screws.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200	500x330
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8	40x8
4264G	Each	19,10	24,80	39,30	51,10	69,10	91,80	269,00

SCU

INOX

4264G



875/II

In stainless steel. Accurate execution according to DIN 875/0.

Completely ground. Heavy model. Finely polished edges.

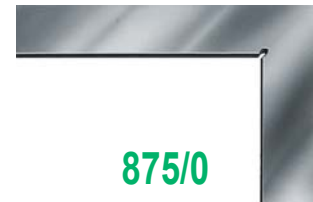
Standard execution.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8
4265G	Each	35,90	42,10	56,30	80,10	126,00	170,00

SCU

INOX

4265G



875/0

Product description as Art. 4265G

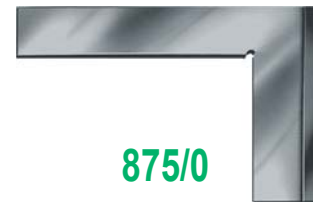
Back squares, with screws.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8
4266G	Each	49,50	54,90	93,30	136,00	234,00	250,00

SCU

INOX

4266G



875/0



HIGH PRECISION STAINLESS STEEL SQUARES

4266GF



875/00

Orig. MIB

In stainless steel. Extremely high precision machining according to DIN 875/00. With double bevelled staff. Fully hardened, finely ground and lapped.



INOX

Simple.

Dimensions	mm	50x40	75x50	100x70	150x100	200x130
Section	mm	13x4	15x5	20x6	30x6	30x8
Supplier code		03038000	03038001	03038002	03038003	03038004
4266GF	Each	33,80	38,30	46,40	78,10	107,00

4266GH



875/00

Product description as Art. 4266GF

With cap.



INOX

Dimensions	mm	50x40	75x50	100x70	150x100	200x130
Section	mm	13x4	15x5	20x6	25x7	30x8
Supplier code		03038010	03038011	03038012	03038013	03038014
4266GH	Each	67,20	82,50	85,50	104,00	158,00

SETS OF MEASURING TOOLS

4266GP



Prod. SCU

Very high precision. Particularly suitable for diesinkers, fine mechanics, etc. In hardened steel, lapped surface.



5-tools set:

- 1 x 75x50mm square with 2 bevels, stainless steel, DIN 875/00
- 1 x 40x28mm square with 1 inner bevel, stainless steel
- 1 x 25x20mm square with 1 inner bevel, stainless steel
- 1 x 100mm ruler DIN 874/00
- 1 x 60x8x8mm scriber. In wooden case.

4266GP	Each	130,00
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MULTIDEGREES SQUARE

4266GS



875/II

Prod. SCU

In steel. Finely polished. Accuracy according to DIN 875/II. Type bent at 45°. Standard execution.



Dimensions	mm	120x80	150x100	200x130
Section	mm	20x5	20x5	25x5
4266GS	Each	26,60	32,70	45,20

4266GT



875/II

Product description as Art. 4266GS

Back squares, with screws.



Dimensions	mm	120x80	150x100	200x130
Section	mm	20x5	20x5	25x5
4266GT	Each	36,80	43,80	60,30

4266GV



875/II

In steel. Finely polished. Accuracy according to DIN 875/II. Type bent at 45°.

Back squares, with screws.



Dimensions	mm	120x80	150x100	200x130
Section	mm	20x5	20x5	25x5
4266GV	Each	26,40	28,90	38,80

11

Prices in EURO . VAT not included



PRECISION ADJUSTABLE HAIR SQUARE

Prod. SCU

In hardened steel, lapped measuring parts. Accuracy according to DIN 875/0. Romboidal ruler 60x4x4mm, adjustable. Base dimensions 40x22x10mm. Particularly suitable for tool manufacturers, fine mechanics, diesinkers, etc. Supplied in case.

SCU

875/0

4267G



4267G	Each	198,00
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MULTIDEGREES SQUARE

Orig. MIB

In steel. Ground and finely polished. Accuracy: 1/25°. With back. With following angles: 120° - 90° - 45° - 30°.

MIB
MESSZEUGE
GERMANY

1/25° 4267GA

Long side length	mm	100	120	150
Supplier code		03043080	03043081	03043082
4267GA	Each	67,50	88,50	93,10



Prod. SCU

In steel. Finely polished. Accuracy according to DIN 875/II. Standard execution. 120° angle.

SCU

875/II 4267GB

Dimensions	mm	50x50	75x75	100x100
Section	mm	15x5	18x5	20x5
4267GB	Each	27,70	32,90	38,10



Product description as Art. 4267GB. Standard execution. 135° angle.

SCU

875/III 4267GD

Dimensions	mm	50x50	75x75	100x100
Section	mm	15x5	18x5	20x5
4267GD	Each	37,90	24,60	30,50



PRECISION CENTERING SQUARES

Prod. SCU

Suitable for 45° and 90° angles, for locating round centres and for tracing. In steel. Finely ground, chrome plated. Graduations in millimeters. Angle bisector accuracy according to DIN 875/I. Tolerance: 0.3 mm.

SCU

875/I 4267GE

Dimensions	mm	100x70	150x130	200x150
For shafts up to Ø	mm	90	190	220
4267GE	Each	44,90	57,80	66,20



Orig. MIB

Product description as Art. 4267GE. In hardened black aluminum, hardness 63 HRC, which guarantees excellent resistance to wear. "Made in Germany" precision execution. Laser engraved graduated scale, indelible and easy to read.

MIB
MESSZEUGE
GERMANY

4267GEL
new

Dimensions	mm	100x70	150x130	200x150
For shafts up to Ø	mm	90	150	220
Supplier code		03044020	03044021	03044022
4267GEL	Each	52,50	60,10	79,50

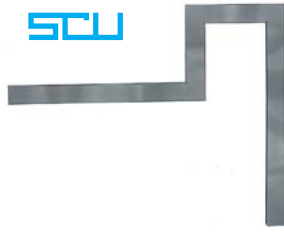




FLANGE SQUARES

4267GF

SCU



Prod. SCU

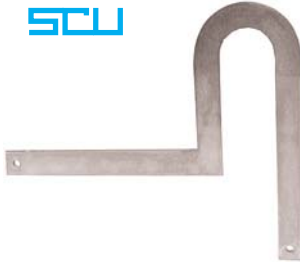
In steel.

Dimensions	mm	300x300	500x500
Section	mm	25x5	25x5
Arc opening	mm	65	70
Arch depth	mm	105	120

4267GF	Each	25,30	38,40
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4267L

SCU



Elbow type, in steel, ground.

Arc's opening mm 90. Arc's depth mm 160.

Dimensions	mm	300	500
Section	mm	30x6	30x6

4267L	Each	40,90	45,10
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ADJUSTABLE SQUARES

4268G

SCU



Prod. SCU

In steel, finely polished.

With lock screw.

Overall length	mm	200	250	300
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4268G	Each	14,20	18,30	20,70
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COMBINATION SQUARES

4270GA

SCU



Prod. SCU

Standard type with graduated blade, one side in mm, the other side in inches.

Sliding base for 45° - 90° angles and vial.

Rod length	mm	300
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4270GA	Each	11,70
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4270GE

MIB
MESSZUGE
GERMANY

Orig. MIB - Art. 03047011

Model complete with graduated blade, one side in mm, the other side in inches.

45° to 90° multidegree square, level, scriber, goniometer, surface gauge.

Rod length	mm	300
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4270GE	Each	85,50
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4275G

SCU



INOX

Prod. SCU

Combination model with goniometer, adjusting square, 3 vials and scriber tracciare.

Graduated blade in stainless steel.

Rod length	mm	180
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4275G	Each	12,20
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JOINER'S SQUARES

4285

SCU



Prod. SCU

Bevel type, aluminium base, steel blade with abrasion-resistant epoxy coating.

Precise and clear double graduation.

Rod length	mm	200	250	300	400	500
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4285	Each	10,60	10,90	11,30	12,80	14,60
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Bevel type, metal base, blade in stainless steel. Precise and clear double graduation.

Rod length	mm	200	250	300
4286GB	Each	12,60	14,10	14,70

SCU INOX 4286GB



Orig. MIB

Bevel type, wooden base with brass edges, steel blade. Precise and clear double graduation.

Rod length	mm	250	300	400
Supplier code		03045011	03045013	03045012
4290G	Each	21,10	22,50	27,10

MIB GERMANY

4290G



SLIDING BEVEL SQUARES

Orig. MIB

Adjustable type for any angle. Central lock screw. Metal base and steel blade.

Blade length	mm	200	250	300
Supplier code		03047000	03047001	03047002
4294G	Each	7,50	8,26	9,76

MIB GERMANY

4294G



CARPENTER'S SQUARES

Prod. SCU

Non-graduated model, in steel. Finely polished.

Long rod length	mm	600	700	800
4298G	Each	17,90	18,80	20,40

SCU

4298G



Product description as Art. 4298G

With holes for tracing.

Long rod length	mm	600	700	800
4299G	Each	25,10	26,10	27,60

SCU

4299G



Graduation in millimeters on both edges. In flexible steel with scratch-resistant powder coating.

Long rod length	mm	600	700	800
4299GE	Each	22,30	23,70	25,10

SCU

4299GE



Product description as Art. 4299GE

With holes for tracing.

Long rod length	mm	600	700	800
4299GF	Each	28,50	30,50	32,10

SCU

4299GF



SQUARES WITH GONIOMETERS

Prod. SCU

Graduation in millimeters on both sides with holes for tracing, complete with 90° goniometer. In flexible steel coated with scratch-resistant powder finish. Suitable for carpenters, joiners, masons, frame and stairs installers, etc.

Long rod length	mm	800
4299GL	Each	166,00

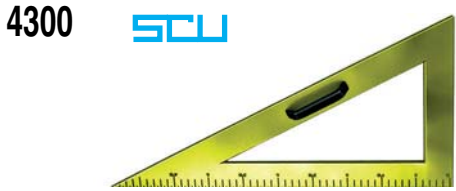
SCU

4299GL





GLASS SQUARES AND RULERS



4300

SCU

Prod. SCU

In special scratch-resistant plastic material, with handle.
Graduation in centimeters.
Square: 500x250mm.

4300	Each	5,82
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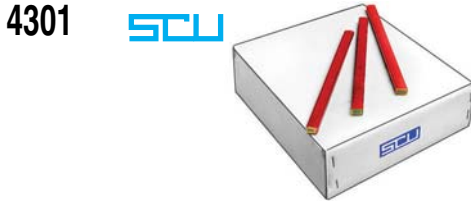
4300A

SCU

Product description as Art. 4300
Ruler: 1000mm.

4300A	Each	8,00
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JOINER'S PENCILS



4301

SCU

Prod. SCU

Wooden flat type. Length: 180mm.
Packing unit: 144 pcs. not sold separately.

4301	Pack	33,10
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SURFACE GAUGES



4310

SCU

Prod. SCU

Round cast iron base and round ground rod. Hardened steel scriber.

Rod length	mm	300	400	500
4310	Each	47,50	53,70	57,60



4312

SCU

Rectangular cast iron base, ground prismatic support base.
Round ground rod, adjustable by means of a micrometer screw. Hardened steel scriber.

Rod length	mm	300	400	500
4312	Each	61,40	65,20	69,10

PRECISION HEIGHT SURFACE GAUGES



4316B

MIB
MESSZEUGE
GERMANY

1/20

Orig. MIB

Rectangular cast iron base. Rectangular millimeter rod in special steel, matt chrome plated.
Micrometer adjustment. Scriber with hardmetal insert. Vernier scale 1/20 mm.

Measuring capacity	mm	300	500
Supplier code		06067020	06067022
4316B	Each	123,00	233,00

Hard metal spare tip for Art. 4316 B.

For gauge markers	mm	300	500
Supplier code		06067030	06067031
O4316B	Each	34,50	34,50

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Orig. MIB

Slightly adjustable graduated scale and magnifier lens. Rectangular cast iron base. Rectangular millimeter rod in special steel, matt chrome plated. Millimeter adjustment. Scriber with hardmetal insert. Vernier scale 1/20 mm.

Measuring capacity	mm	300	500
Supplier code		06067020	06067022
4316D	Each	195,00	360,00

Hard metal spare tip for Art. 4316 D.

For gauge markers	mm	300	500
Supplier code		06067017	06067011
O4316D	Each	34,50	34,50



1/20

4316D
new



Prod. SCU

Adjustable graduated scale and magnifier lens. Rectangular cast iron base. Rectangular millimeter rod in stainless steel, matt chrome plated. Millimeter adjustment. Scriber with hardmetal insert. Vernier scale 1/50 mm.

Measuring capacity	mm	300	600	1000
4316E	Each	223,00	307,00	1.280,00

Spare tip for Art. 4316 E available on request.



1/50

4316E



INOX

PRECISION HEIGHT GAUGES WITH DOUBLE COLUMN

Orig. MIB

Dial reading. Double steel column for positive and negative value measurements compared to zero.

Heavy cast iron rectangular basement, ground.

Scriber with hardmetal insert. 0.01mm dial reading.

1mm counter reading.

Measuring capacity	mm	300	600
Supplier code		06067050	06067052
4316L	Each	353,00	675,00

Orig. MIB - Art. 06067052

Spare tip for Art. 4316 L and 4316 P mm 300 e 600.

O4316L	Each	34,50
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1/100

4316L



INOX

Orig. MIB

Immediate digital reading, with liquid crystals. Double stainless steel column and display with tall digits for easy reading.

Rectangular base made of heavy cast iron, with ground bearing surface.

Hard metal tipped scriber. Direct reading 0.01 (1/100) of a millimetre and 0.0005 (1/1000) of an inch.

Resets also for relative and compared measurements. Powered by a 1.5 V battery.

Measuring capacity	mm	300	600
Supplier code		02027020	02027022
4316P	Each	585,00	1.060,00

For spare tips see Art. O4316 L.



1/100

4316P



INOX



PRECISION HEIGHT ELECTRONIC GAUGES

4317GA



1/100



INOX

Orig. MIB

Fast LCD digit reading.
With adjusting micrometer screw. Hardened metal tip.
Metric/inch double measuring scale.
Direct reading 0.01 (1/100) mm and 0.0005 (1/1000) inch.
Zero setting also for relative and incremental measurements.
3 V lithium battery power supply (Art. 3600 SCU T), supplied.
Heavy cast iron rectangular basement.

Measuring capacity	mm	300	500
Supplier code		02027001	02027002
4317GA	Each	353,00	510,00

Spare tip for Art. 4317 GA.

Measuring capacity	mm	300	500
Supplier code		02027003	02027003
O4317GA	Each	31,50	36,10

4317GC



1/100



INOX

Orig. MIB

Fast LCD digit reading.
High digits for easy reading.
With rapid and precise approach handwheel and adjusting micrometer screw.
Hardened metal tip.
Metric inch double measuring scale.
Direct reading 0.01 (1/100) mm and 0.0005 (1/1000) inch.
Zero setting also for relative and incremental measurements.
1,5 V battery power supply. Ergonomic heavy cast iron basement.
Stainless steel rod dimensioned for a higher stiffness.
Metal casing containing electronic components.

Measuring capacity	mm	300	600
Supplier code		02027105	02027107
4317GC	Each	450,00	645,00

Orig. MIB - Art. 02027106

Spare tip in hard metal for Art. 4317 GC 300 - 600.

O4317GC	Each	34,50
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PROFILE GAUGES

4319



Prod. SCU

Professional model.
Particularly suitable for modelmakers, installers, etc. Indispensable to measure curved, square, oval etc. surfaces, and for tridimensional surveys.
Guided sliding needles in hardened steel. Measuring range: 300mm. Needle length: 150mm.
Support width: 45mm.

4319	Each	81,10
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4319A



Standard model.

Indispensable to measure curved, square, oval etc. surfaces, and for tridimensional surveys.
Hardened steel needles. Measuring range: 150mm. Needle length: 85mm. Support width: 40mm.

4319A	Each	11,70
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4319B



Professional model, anti-scratch.

Particularly suitable for modelmakers, installers, etc. Indispensable to measure curved, square, oval etc. surfaces, and for tridimensional surveys. Needles in synthetic materials, anti-scratch.
Measuring range: 250mm. Needle length: 90mm. Support width: 45mm.

4319B	Each	45,40
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Prices in EURO . VAT not included



HAND SCRIBERS

Prod. SCU

In anodised aluminum, with spindle and 10 interchangeable tempered steel tips, contained in the body.

Pen type, length 150 mm.

4319C Each 10,30

INDIVISIBLE set of 10 spare tips in hardened steel for Art. 4319 C.

O4319C Series 3,24

SCU

4319C
new



Orig. MIB - Art. 04054000

In hardened steel, knurled handle.

Straight type, length 175mm.

4319D Each 2,10



4319D



Prod. SCU

In hardened steel, with handle in syntetic material .

Straight and 120° curved type, length 200mm.

4319L Each 2,40

SCU

4319L



Hardened steel, knurled grip.

Straight and 90° curved type, length 200mm.

4319M Each 3,44

SCU

4319M



Orig. MIB - Art. 04054015

Product description as Art. 4319M

Straight and 90° curved type, length 250mm.

4319P Each 2,70



4319P



Prod. SCU

Steel with HARD METAL tip, plastic handle.

Straight type, length 170mm.

4319R Each 4,38

SCU

HARTMETALL

4319R



In steel, carbide tip.

Pen-type with clip and fixed tip. Length: 140mm.

4320 Each 2,88

SCU

HARTMETALL

4320



In alumium, carbide tip.

Pen-type with clip and interchangeable tip. Length: 145mm.

4321 Each 6,94

SCU

HARTMETALL

4321



Spare hard metal tip for Art. 4321.

O4321 Each 3,66

In alumium, carbide tip.

Pen-type with clip and reverse, interchangeable tip. Length: 150mm.

4322 Each 8,08

SCU

HARTMETALL

4322



Spare hard metal tip for Art. 4322.

O4322 Each 3,66

Orig. MIB - Art. 04055004

Ergonomic with rubber non-slip handle and aluminium body.

Hard metal tip. To remove the tip, pull the rear metal part.

Pen type with clip and interchangeable tip, open length 140 mm , closed length 117 mm.

4322E Each 9,76



HARTMETALL

4322E



Spare tip in carbide for Art. 4322 E.

O4322E Each 3,60



Orig. MIB - Art. 04055015

In steel, carbide tip.

Pen-type with clip and fixed tip. Length: 160mm.

4323A Each 3,76



HARTMETALL

4323A





4323B

SCU

HARTMETALL

**Prod. SCU**

Product description as Art. 4323A

Pen-type with spindle and interchangeable tip. Length: 140mm.

4323B	Each	4,10
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Spare hard metal tip for Art. 4323 B.

O4323B	Each	2,44
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4323G

SCU

HARTMETALL



Pen-type with cap and clip. In steel, with carbide fixed tip.

Knurled housing Ø 8mm.

Overall length mm 145

4323G	Each	31,80
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4324GA

SCU

HARTMETALL



Straight type with carbide tip.

Knurled grip.

Overall length mm 175

4324GA	Each	4,94
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Hard metal spare tip for Art. 4324 GA.

O4324GA	Each	3,94
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4324GB

SCU

HARTMETALL



Straight and 120°-bent type with carbide tips.

Knurled grip.

Overall length mm 230

4324GB	Each	6,64
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4324GE

HARTMETALL

**Orig. MIB - Art. 04055020**

Straight and 90°-bent type with carbide tips.

Knurled grip.

Overall length mm 220

4324GE	Each	7,66
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HAND SCRIBERS WITH PUNCH

4325G

**Orig. MIB - Art. 04055018**

Pen type, with clip. Double tip, in carbide, turneable and interchangeable. Knurled grip. By unscrewing the front hexagonal part turns into a steel punch.

Overall length mm 150

4325G	Each	13,50
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4325GA

**Orig. MIB - Art. 04055019**

Spare tip in hard metal, double, turneable for Art. 4325 G.

4325GA	Each	5,26
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STEEL MARKING GAUGES

4328G

SCU

**Prod. SCU**

In steel. Marker with millimeter round rod.

Slider support flange. Reading: 1/10 millimeter.

Carbide scriber Ø mm 6.

Capacity	mm	200	300	500
4328G	Each	61,40	76,70	95,90

Spare scriber in hard metal, for Art. 4328 G 200-300-500.

O4328GA	Each	14,60
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4328GE

SCU

INOX



Flat type.

In stainless steel. Graduation in millimeters.

Capacity	mm	200	250	300
4328GE	Each	25,50	26,60	28,70

4328GF

new

**Orig. MIB**

Product description as Art. 4328GE

In hardened black aluminum, hardness 63 HRC, which guarantees excellent resistance to wear. "Made in Germany" precision execution. Laser engraved graduated scale, indelible and easy to read.

Reading 0.05 mm.

Capacity	mm	200	250	300
Supplier code		05057020	05057021	05057022
4328GF	Each	36,10	39,10	42,10

For calipers for traces see Art. 3749 B.



STEEL MARKING GAUGES WITH SQUARES

Prod. SCU

Combined type with team for tracking operations and angle measurements. Central body with graduated goniometer and circular scale divided into 4 parts from 0 ° to 90 °. With flat graduated guide, with capacities from 0 to 300 mm. Made of stainless steel, with matt chrome rail.

4328GL Each **77,10**

SCU

4328GL



INOX

Orig. MIB - Art. 05057027

Product description as Art. 4328GL

In hardened black aluminum, hardness 63 HRC, which guarantees excellent resistance to wear. "Made in Germany" precision execution. Laser engraved graduated scale, indelible and easy to read.

Reading 0.1 mm.

4328GP Each **117,00**

MIB
MESSZEUGE
GERMANY

4328GP
new



QUADRUPLE V BLOCKS

Prod. SCU

Cross-type, in steel. With ground surfaces. Accuracy: 0.02mm. Sold in two's only.

Size		60	75	100	120	150
Dimensions	mm	60x60	75x75	100x80	120x90	150x100
4330	Per pair	128,00	165,00	212,00	285,00	362,00

SCU

2/100

4330



PRECISION V BLOCKS

Prod. SCU

Cross-type, with clamp for cylinders. In hardened steel, ground and lapped. Two 90° angles. Accuracy: 0.004mm. Sold in two's only.

Size		50	75	100
Dimensions	mm	50x40x40	75x55x55	100x75x75
Ø for cylindrical bodies	mm	5-30	5-50	7-70
4331G	Per pair	216,00	280,00	395,00

Wooden case for Art. 4331G.

Size		50	75	100
O4331G	Each	26,90	34,10	53,50

SCU

4/1000

4331G



PRECISION MAGNETIC V BLOCKS

Orig. Mib

Magnetic type. Switching on and off via switch. In hardened steel, ground and lapped in PAIRS. Accuracy: 0.005mm. Particularly suitable for use on machine tools. Sold in pairs only.

Size		80	100
Dimensions	mm	80x67x96	100x70x96
Ø for cylindrical bodies	mm	6-66	6-72
Prism side magnet force	kN	400	400
Flat side magnet force	kN	1000	1200
4331GE	Per	1.090,00	1.580,00

MIB
MESSZEUGE
GERMANY



5/1000

4331GE



Prod. SCU

Magnetic type. Switching on and off through switch. In hardened steel, ground and lapped. Accuracy: 0.004mm. Particularly suitable to be used on machine tools. In wooden case.

Size		80	100
Dimensions	mm	80x67x96	100x70x96
Ø for cylindrical bodies	mm	6-66	6-70
Prism side magnet force	kN	400	400
Flat side magnet force	kN	900	1200
4331GM	Each	642,00	822,00

For single use

SCU



4/1000

4331GM





4331P

SCU

1/100



2/100



Magnetic type. Switching on and off through switch.
In hardened steel, ground and finely worked. Accuracy: parallelism 0.01mm, orthogonality 0.02mm, angular 0.02mm.
Particularly suitable to be used on machine tools.

Size		85	130
Dimensions	mm	80x70x95	130x70x85
Ø for cylindrical bodies	mm	50	50
4331P	Each	311,00	702,00

For single use
Size 130 running out of stock.

4331T

MIB
MESSZEUGE
GERMANY

1/100



Orig. Mib
Magnetic type. Switching on and off via switch.
In hardened steel, ground and finely polished.
Particularly suitable for use on machine tools.
Dimensions 95x70x100mm. For cylindrical bodies Ø 6-66mm. Flat side magnet strength 100kN.

4331T	Each	173,00
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For single use

PRECISION V BLOCKS

4332

SCU

2/100



Prod. SCU
Right angle type, in steel.
Ground surfaces.
Accuracy: 0.02mm. Sold in two's only.

Size		100	150	200
Dimensions	mm	100x45	150x55	200x70
4332	Per pair	121,00	168,00	256,00

SURFACE PLATES

4335

SCU

2/100



Prod. SCU
Heavy finish in special cast iron, indeformable.
Ground surface.
Accuracy according to DIN 876, II Degree

Dimensions	mm	300x200	400x300	500x300	500x400	600x500	800x500
Tolerance ±	mm	0,013	0,014	0,015	0,015	0,016	0,018
Weight	Kg	10	20	28	35	55	80
4335	Each	296,00	479,00	557,00	691,00	1.040,00	1.660,00

4336

SCU

1/100



Product description as Art. 4335
Accuracy according to DIN 876, Grade I

Dimensions	mm	300x200	400x300	500x300	500x400	600x500	800x500
Tolerance ±	mm	0,0065	0,007	0,0075	0,0075	0,008	0,009
Weight	Kg	10	20	28	35	55	80
4336	Each	331,00	541,00	668,00	794,00	1.210,00	1.860,00

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SETS OF GAUGES BLOCKS

Orig. MIB - Art. 06062000-06062001-06062002

In high resistance special steel, accuracy according to DIN EN ISO 3650, for control stations and workshop. Lapped finish. Individual identification number and certificate of inspection.

ACCREDIA certification available on request. Supplied in wooden case.

The set consists of 32pcs. having following dimensions:

- No.1 x 1.005 mm
 - No.9 x 1.01 to 1.09mm (progression 0.01mm)
 - No.9 x 1.10 to 1.90mm (progression 0.10mm)
 - No.9 x 1 to 9mm (progression 1mm)
 - No.1 for each 10 - 20 - 30 - 50.
- Accuracy grade 0.

4339GA Each 555,00

Product description as Art. 4339GA

Accuracy grade 1.

4339GB Each 338,00

Product description as Art. 4339GA

Accuracy grade 2.

4339GC Each 233,00

Loose verification blocks, level 0 - 1 available on request.



4339GA
4339GB
4339GC



Grado
0-1-2
32 Pz.

Orig. MIB - Art. 06062005-06062006-06062007

In high resistance special steel, accuracy according to DIN EN ISO 3650, for control stations and workshop. Lapped finish. With individual identification number and inspection certificate.

ACCREDIA certification available on request. Supplied in wooden case. 47-pcs. set having following dimensions:

- 1 x 1.005mm
 - 20 x 1.01 to 1.20 mm (progression 0.01mm)
 - 7 x 1.30 to 1.90mm (progression 0.10mm)
 - 9 x 1 to 9mm (progression 1mm)
 - 10 x 10 to 100 mm (progression 10mm).
- Accuracy grade 0.

4340GA Each 765,00

Product description as Art. 4340GA

Accuracy grade 1.

4340GB Each 518,00

Product description as Art. 4340GA

Accuracy grade 2.

4340GC Each 338,00

Loose verification blocks, level 0 - 1 available on request.



4340GA
4340GB
4340GC



Grado
0-1-2
47 Pz.

Orig. MIB - Art. 06062010-06062011-06062012

In high resistance special steel, accuracy according to DIN EN ISO 3650, for control stations and workshop. Lapped finish. Individual identification number and certificate of inspection.

ACCREDIA certification available on request. Supplied in wooden case.

The set consists of 87pcs. having following dimensions:

- No.9 x 1.001 to 1.009mm (progression 0.001mm)
 - No.49 x 1.01 to 1.49mm (progression 0.01mm)
 - No.19 x 0.5 to 9.5mm (progression 0.50mm)
 - No.10 x 10 to 100mm (progression 10mm).
- Accuracy grade 0.

4341GA Each 1.190,00

Product description as Art. 4341GA

Accuracy grade 1.

4341GB Each 765,00

Product description as Art. 4341GA

Accuracy grade 2.

4341GC Each 495,00

Loose verification blocks, level 0 - 1 and an assortment of 103 pcs, level 0-1-2 available on request.



4341GA
4341GB
4341GC



Grado
0-1-2
87 Pz.



4345GA
4345GB



Grado
0-1
47 Pz.

CERTIFICATE OF INSTRUCTION	
GAUGE BLOCKS	
NO.	DESCRIPTION
1	1.005 mm
2	1.01 mm
3	1.02 mm
4	1.03 mm
5	1.04 mm
6	1.05 mm
7	1.06 mm
8	1.07 mm
9	1.08 mm
10	1.09 mm
11	1.10 mm
12	1.11 mm
13	1.12 mm
14	1.13 mm
15	1.14 mm
16	1.15 mm
17	1.16 mm
18	1.17 mm
19	1.18 mm
20	1.19 mm
21	1.20 mm
22	1.30 mm
23	1.40 mm
24	1.50 mm
25	1.60 mm
26	1.70 mm
27	1.80 mm
28	1.90 mm
29	1 mm
30	2 mm
31	3 mm
32	4 mm
33	5 mm
34	6 mm
35	8 mm
36	10 mm
37	15 mm
38	20 mm
39	25 mm
40	30 mm
41	40 mm
42	50 mm
43	60 mm
44	80 mm
45	100 mm

Orig. MIB - Art. 06061086-06061087

In high-resistance ceramic with accuracy according to DIN EN ISO 3650, suitable for use in a metrological room and for control of measuring instruments, etc. Lapped finish. With individual identification number and inspection certificate. ACCREDIA certification available upon request. In a wooden box.

Comprises 47 pieces in the following sizes:

- 1 pcs./1.005 mm
- 20 pcs./from 1.01 to 1.20 mm (steps of 0.01mm)
- 7 pcs./from 1.30 to 1.90 mm (steps of 0.10mm)
- 9 pcs./from 1 to 9 mm (steps of 1mm)
- 10 pcs./from 10 to 100 mm (steps of 10mm).

Accuracy grade 0.

4345GA Each **3.250,00**

Product description as Art. 4345GA

Accuracy grade 1.

4345GB Each **2.710,00**

PLUG GAUGES

4350GA



Orig. MIB

Plug gauge according to DIN 2245, GO-NO-GO, smooth, in special hardened steel, tolerance 7h.

Nominal measure Ø	mm	2	3	4	5	6	7	8	9	10	11	12
Supplier code		08086001	08086002	08086004	08086005	08086006	08086007	08086008	08086009	08086010	08086011	08086012
4350GA	Each	38,40	38,40	36,10	36,10	36,80	36,80	36,80	36,80	36,80	36,80	36,80
Nominal measure Ø	mm	13	14	15	16	17	18	19	20	21	22	23
Supplier code		08086013	08086014	08086015	08086016	08086017	08086018	08086019	08086020	08086021	08086022	08086023
4350GA	Each	36,80	36,80	36,80	38,40	38,40	41,70	44,80	44,80	44,80	44,80	44,80
Nominal measure Ø	mm	24	25	26	27	28	30	32	33	34	35	36
Supplier code		08086024	08086025	08086026	08086027	08086028	08086030	08086032	08086033	08086034	08086035	08086036
4350GA	Each	44,80	44,80	52,80	52,80	52,80	52,80	56,10	56,10	56,10	64,00	64,00
Nominal measure Ø	mm	38	40	42	44	45	46	48	50	52	55	58
Supplier code		08086038	08086040	08086042	08086044	08086045	08086046	08086048	08086050	08086052	08086055	08086058
4350GA	Each	64,00	70,50	83,10	83,10	108,00	108,00	108,00	108,00	112,00	112,00	112,00
Nominal measure Ø	mm	60	62	65	68	70	72	75	78	80	82	85
Supplier code		08086060	08086062	08086065	08086068	08086070	08086072	08086075	08086078	08086080	08086082	08086085
4350GA	Each	118,00	118,00	163,00	163,00	163,00	163,00	191,00	201,00	201,00	202,00	216,00
Nominal measure Ø	mm	88	90	92	95	98	100					
Supplier code		08086088	08086090	08086092	08086095	08086098	08086100					
4350GA	Each	216,00	240,00	240,00	263,00	263,00	287,00					

RING GAUGES

4350GB



Orig. MIB

Ring gauge according to DIN 2250C, smooth. For measuring instruments zero setting. In hardened special steel, rectified and lapped.

Nominal measure Ø	mm	3	3,5	4	4,5	5	6	7	8	9	10	11	12
Supplier code		08088100	08088101	08088102	08088103	08088104	08088106	08088107	08088108	08088109	08088110	08088111	08088112
4350GB	Each	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	56,40	56,40	56,40
Nominal measure Ø	mm	13	14	15	16	17	18	19	20	21	22	23	24
Supplier code		08088113	08088114	08088115	08088116	08088117	08088118	08088119	08088120	08088121	08088122	08088123	08088124
4350GB	Each	56,40	56,40	56,40	59,50	59,50	59,50	59,50	59,50	62,60	62,60	62,60	62,60
Nominal measure Ø	mm	25	26	27	28	30	32	33	34	35	36	37	38
Supplier code		08088125	08088126	08088127	08088128	08088129	08088130	08088131	08088132	08088133	08088134	08088135	08088136
4350GB	Each	62,60	68,90	68,90	68,90	76,70	79,80	79,80	79,80	79,80	105,00	105,00	105,00
Nominal measure Ø	mm	40	42	44	45	46	47	48	50	52	55	58	60
Supplier code		08088137	08088138	08088139	08088140	08088141	08088142	08088143	08088144	08088145	08088146	08088147	08088148
4350GB	Each	105,00	105,00	105,00	105,00	119,00	119,00	119,00	129,00	138,00	138,00	144,00	144,00
Nominal measure Ø	mm	62	65	68	70	72	75	78	80	82	85	88	90
Supplier code		08088149	08088150	08088151	08088152	08088153	08088154	08088155	08088156	08088157	08088158	08088159	08088160
4350GB	Each	160,00	160,00	160,00	176,00	176,00	176,00	176,00	176,00	196,00	220,00	227,00	235,00
Nominal measure Ø	mm	92	95	98	100	125	150	175	200				
Supplier code		08088161	08088162	08088163	08088164	08088169	08088175	08088180	08088181				
4350GB	Each	243,00	243,00	243,00	259,00	486,00	736,00	1.060,00	1.360,00				

11



THREAD PLUG GAUGES

Orig. MIB

Plug gauge according to DIN 13, GO-NO-GO for right metric threads, in hardened special steel, tolerance 6H.



4350GE

M

Nominal measure Ø	mm	2	2,5	3	3,5	4	5	6	7	8	9	10	11
Pitch	mm	0,4	0,45	0,5	0,6	0,7	0,8	1	1	1,25	1,25	1,5	1,5
Supplier code		08088300	08088301	08088302	08088303	08088304	08088305	08088306	08088307	08088308	08088309	08088310	08088311
4350GE	Each	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70
Nominal measure Ø	mm	12	14	16	18	20	22	24	27	30	33	36	
Pitch	mm	1,75	2	2	2,5	2,5	2,5	3	3	3,5	3,5	4	
Supplier code		08088312	08088313	08088314	08088315	08088316	08088317	08088318	08088319	08088320	08088321	08088322	
4350GE	Each	51,70	51,70	51,70	51,70	51,70	51,70	51,70	57,90	65,80	65,80	90,80	

THREAD RING GAUGES

Orig. MIB

Ring gauge according to DIN 13, GO for right metric threads, in hardened special steel, tolerance 6g.



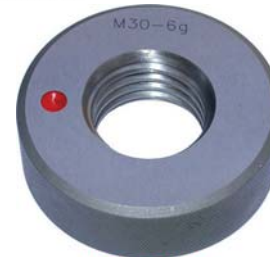
4350GF

PASSA

M

Nominal measure	mm	2	2,5	3	3,5	4	5	6	7
Pitch	mm	0,4	0,45	0,5	0,6	0,7	0,8	1	1
Supplier code		08088400	08088401	08088402	08088403	08088404	08088405	08088406	08088407
4350GF	Each	56,40	56,40	56,40	56,40	51,70	51,70	51,70	51,70
Nominal measure	mm	8	9	10	11	12	14	16	18
Pitch	mm	1,25	1,25	1,5	1,5	1,75	2	2	2,5
Supplier code		08088408	08088409	08088410	08088411	08088412	08088413	08088414	08088415
4350GF	Each	51,70	51,70	51,70	51,70	51,70	51,70	51,70	56,40
Nominal measure	mm	20	22	24	27	30	33	36	
Pitch	mm	2,5	2,5	3	3	3,5	3,5	4	
Supplier code		08088416	08088417	08088418	08088419	08088420	08088421	08088422	
4350GF	Each	56,40	57,90	67,30	67,30	87,70	87,70	101,00	

Ring gauge according to DIN 13, NO-GO for right metric threads, in hardened special steel, tolerance 6g.



4350GL

NON PASSA

M

Nominal measure	mm	2	2,5	3	3,5	4	5	6	7
Pitch	mm	0,4	0,45	0,5	0,6	0,7	0,8	1	1
Supplier code		08088450	08088451	08088452	08088453	08088454	08088455	08088456	08088457
4350GL	Each	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70
Nominal measure	mm	8	9	10	11	12	14	16	18
Pitch	mm	1,25	1,25	1,5	1,5	1,75	2	2	2,5
Supplier code		08088458	08088459	08088460	08088461	08088462	08088463	08088464	08088465
4350GL	Each	51,70	51,70	51,70	54,80	54,80	54,80	54,80	56,40
Nominal measure	mm	20	22	24	27	30	33	36	
Pitch	mm	2,5	2,5	3	3	3,5	3,5	4	
Supplier code		08088466	08088467	08088468	08088469	08088470	08088471	08088472	
4350GL	Each	56,40	56,40	72,10	72,10	75,20	75,20	79,80	

THREAD PLUG GAUGES

Orig. MIB

Plug gauge according to DIN 13, GO-NO-GO for fine right metric threads, in hardened special steel, tolerance 6H.



4350GP

MF

Nominal measure	mm	2	2,5	3	3,5	4	4	5	5	6	6	6	8	8
Pitch	mm	0,35	0,35	0,35	0,35	0,35	0,5	0,35	0,5	0,35	0,5	0,75	0,5	0,75
Supplier code		08088500	08088501	08088502	08088503	08088504	08088505	08088506	08088507	08088508	08088509	08088510	08088511	08088512
4350GP	Each	54,80	54,80	54,80	54,80	54,80	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10
Nominal measure	mm	8	10	10	10	10	12	12	12	12	12	14	14	14
Pitch	mm	1	0,5	0,75	1	1,25	0,5	0,75	1	1,25	1,5	1	1,25	1,5
Supplier code		08088513	08088514	08088515	08088516	08088517	08088518	08088519	08088520	08088521	08088522	08088523	08088524	08088525
4350GP	Each	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10
Nominal measure	mm	16	16	18	18	18	20	20	20	22	22	22	24	24
Pitch	mm	1	1,5	1	1,5	2	1	1,5	2	1	1,5	2	1	1,5
Supplier code		08088526	08088527	08088528	08088529	08088530	08088531	08088532	08088533	08088534	08088535	08088536	08088537	08088538
4350GP	Each	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10
Nominal measure	mm	24	25	25	25	27	27	27	30	30	30	30	33	33
Pitch	mm	2	1	1,5	2	1	1,5	2	1	1,5	2	3	1,5	2
Supplier code		08088539	08088540	08088541	08088542	08088543	08088544	08088545	08088546	08088547	08088548	08088549	08088550	08088551
4350GP	Each	47,10	47,10	47,10	47,10	47,10	47,10	47,10	54,80	54,80	54,80	54,80	54,80	54,80
Nominal measure	mm	33	34	34	34	35	35	35	36	36	36	42		
Pitch	mm	3	1,5	2	3	1,5	2	3	1,5	2	3	1,5		
Supplier code		08088552	08088553	08088554	08088555	08088556	08088557	08088558	08088559	08088560	08088561	08088568		
4350GP	Each	54,80	54,80	54,80	54,80	54,80	54,80	54,80	68,90	68,90	68,90	105,00		



4350GR



Orig. MIB

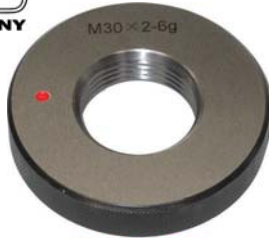
Ring gauge according to DIN 13, GO for fine right metric threads, in hardened special steel, tolerance 6g.

MF

PASSA

Nominal measure Ø	mm	2	2,5	3	3,5	4	4	5	5	6	6	6
Pitch	mm	0,35	0,35	0,35	0,35	0,35	0,5	0,35	0,5	0,35	0,5	0,75
Supplier code		08088600	08088601	08088602	08088603	08088604	08088605	08088606	08088607	08088608	08088609	08088610
4350GR	Each	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80
Nominal measure Ø	mm	8	8	8	10	10	10	10	12	12	12	12
Pitch	mm	0,5	0,75	1	0,5	0,75	1	1,25	0,5	0,75	1	1,25
Supplier code		08088611	08088612	08088613	08088614	08088615	08088616	08088617	08088618	08088619	08088620	08088621
4350GR	Each	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80
Nominal measure Ø	mm	12	14	14	14	16	16	18	18	18	20	20
Pitch	mm	1,5	1	1,25	1,5	1	1,5	1	1,5	2	1	1,5
Supplier code		08088622	08088623	08088624	08088625	08088626	08088627	08088628	08088629	08088630	08088631	08088632
4350GR	Each	54,80	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90
Nominal measure Ø	mm	20	22	22	22	24	24	24	25	25	25	27
Pitch	mm	2	1	1,5	2	1	1,5	2	1	1,5	2	1
Supplier code		08088633	08088634	08088635	08088636	08088637	08088638	08088639	08088640	08088641	08088642	08088643
4350GR	Each	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	67,30
Nominal measure Ø	mm	27	27	30	30	30	30	33	33	33	34	34
Pitch	mm	1,5	2	1	1,5	2	3	1,5	2	3	1,5	2
Supplier code		08088644	08088645	08088646	08088647	08088648	08088649	08088650	08088651	08088652	08088653	08088654
4350GR	Each	67,30	67,30	76,70	76,70	76,70	76,70	76,70	76,70	76,70	76,70	76,70
Nominal measure Ø	mm	34	35	35	35	36	36	36	42			
Pitch	mm	3	1,5	2	3	1,5	2	3	1,5			
Supplier code		08088655	08088656	08088657	08088658	08088659	08088660	08088661	08088668			
4350GR	Each	76,70	76,70	76,70	76,70	97,10	97,10	97,10	124,00			

4350GS



Ring gauge according to DIN 13, NO-GO for fine right metric threads, in hardened special steel, tolerance 6g.

MF

NON PASSA

Nominal measure Ø	mm	2	2,5	3	3,5	4	4	5	5	6	6	6
Pitch	mm	0,35	0,35	0,35	0,35	0,35	0,5	0,35	0,5	0,35	0,5	0,75
Supplier code		08088900	08088901	08088902	08088903	08088904	08088905	08088906	08088907	08088909	08088910	08088911
4350GS	Each	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80
Nominal measure Ø	mm	8	8	8	10	10	10	10	12	12	12	12
Pitch	mm	0,5	0,75	1	0,5	0,75	1	1,25	0,5	0,75	1	1,25
Supplier code		08088913	08088914	08088915	08088917	08088918	08088919	08088920	08088921	08088922	08088923	08088924
4350GS	Each	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80
Nominal measure Ø	mm	12	14	14	14	16	16	18	18	18	20	20
Pitch	mm	1,5	1	1,25	1,5	1	1,5	1	1,5	2	1	1,5
Supplier code		08088925	08088931	08088932	08088933	08088938	08088939	08088943	08088944	08088945	08088948	08088949
4350GS	Each	54,80	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90
Nominal measure Ø	mm	20	22	22	22	24	24	24	25	25	25	27
Pitch	mm	2	1	1,5	2	1	1,5	2	1	1,5	2	1
Supplier code		08088950	08088951	08088952	08088953	08088954	08088955	08088956	08088957	08088958	08088959	08088963
4350GS	Each	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	57,90	67,30
Nominal measure Ø	mm	27	27	30	30	30	30	33	33	33	34	34
Pitch	mm	1,5	2	1	1,5	2	3	1,5	2	3	1,5	2
Supplier code		08088964	08088965	08088969	08088970	08088971	08088972	08088976	08088977	08088978	08088980	08088981
4350GS	Each	67,30	67,30	76,70	76,70	76,70	76,70	76,70	76,70	76,70	76,70	76,70
Nominal measure Ø	mm	34	35	35	35	36	36	36	42			
Pitch	mm	3	1,5	2	3	1,5	2	3	1,5			
Supplier code		08088982	08088984	08088985	08088986	08088988	08088989	08088990	08089004			
4350GS	Each	76,70	76,70	76,70	76,70	97,10	97,10	97,10	124,00			

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Prices in EURO . VAT not included



THREAD PLUG GAUGES

Orig. MIB

Plug gauge, GO-NO-GO for GAS Whitworth right threads according to DIN ISO 228, in hardened special steel.



GAS 4350GT

Nominal measure Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4
Pitch	No.	28	19	19	14	14	14
Supplier code		08088700	08088701	08088702	08088703	08088704	08088705
4350GT	Each	59,50	59,50	59,50	62,60	62,60	70,50
Nominal measure Ø	inch	7/8	1	1.1/4	1.1/2	1.3/4	2
Pitch	No.	14	11	11	11	11	11
Supplier code		08088706	08088707	08088708	08088709	08088710	08088711
4350GT	Each	75,20	84,50	93,90	105,00	138,00	154,00



THREAD RING GAUGES

Orig. MIB

Ring gauge, GO for GAS Whitworth right threads according to DIN ISO 228, in hardened special steel.



GAS 4350GV

Nominal measure Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4
Pitch	No.	28	19	19	14	14	14
Supplier code		08088730	08088731	08088732	08088733	08088734	08088735
4350GV	Each	75,20	75,20	83,10	95,50	95,50	95,50
Nominal measure Ø	inch	7/8	1	1.1/4	1.1/2	1.3/4	2
Pitch	No.	14	11	11	11	11	11
Supplier code		08088736	08088737	08088738	08088739	08088740	08088741
4350GV	Each	112,00	112,00	140,00	140,00	174,00	182,00



PASSA

Ring gauge, NO-GO for GAS Whitworth right threads according to DIN ISO 228, in hardened special steel.



GAS 4350GZ

Nominal measure Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4
Pitch	No.	28	19	19	14	14	14
Supplier code		NO GO 1/8	NO GO 1/4	NO GO 3/8	NO GO 1/2	NO GO 5/8	NO GO 3/4
4350GZ	Each	75,20	75,20	83,10	95,50	95,50	95,50
Nominal measure Ø	inch	7/8	1	1.1/4	1.1/2	1.3/4	2
Pitch	No.	14	11	11	11	11	11
Supplier code		NO GO 7/8	NO GO 1	NO GO 1.1/4	NO GO 1.1/2	NO GO 1.3/4	NO GO 2
4350GZ	Each	112,00	112,00	140,00	140,00	174,00	182,00



NON PASSA

THREAD PLUG GAUGES

Orig. Völkel

HIGH ACCURACY plug gauge, GO-NO-GO (double up to 1", single 1.1 / 4") for right-hand GAS thread according to DIN ISO 228. In special hardened steel.



GAS 4350LA
new

From size 1.1 / 4 " the buffers are supplied as single item in the versions GO (G) or NO-GO (NG).

Type		1/8	1/4	3/8	1/2	5/8	3/4	7/8	1
Nominal measure Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1
Pitch	No.	28	19	19	14	14	14	14	11
Supplier code		16128	16129	16130	16131	16132	16133	16134	16135
4350LA	Each	72,60	77,70	80,60	84,20	84,20	102,00	102,00	120,00
Type		1.1/4G	1.1/4NG	1.1/2G	1.1/2NG	1.3/4G	1.3/4NG	2G	2NG
Nominal measure Ø	inch	1.1/4	1.1/4	1.1/2	1.1/2	1.3/4	1.3/4	2	2
Pitch	No.	11	11	11	11	11	11	11	11
Supplier code		16160	16182	16161	16183	16162	16184	16163	16185
4350LA	Each	117,00	117,00	131,00	131,00	163,00	163,00	182,00	182,00



These articles can be supplied in approx. 4 full weeks with the calibration report.

THREAD RING GAUGES

Orig. Völkel

HIGH ACCURACY ring gauge, GO for right cylindrical GAS thread according to DIN ISO 228. Tolerance A. In special hardened steel.



GAS 4350LB
new

Nominal measure Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Pitch	No.	28	19	19	14	14	14	14
Supplier code		16318	16319	16320	16321	16322	16323	16324
4350LB	Each	79,90	79,90	94,40	102,00	113,00	131,00	131,00
Nominal measure Ø	inch	1	1.1/4	1.1/2	1.3/4	2		
Pitch	No.	11	11	11	11	11		
Supplier code		16325	16326	16327	16328	16329		
4350LB	Each	133,00	193,00	198,00	218,00	225,00		



These articles can be supplied in approx. 4 full weeks with the calibration report.



HIGH ACCURACY ring gauge, NO-GO for right cylindrical GAS thread according to DIN ISO 228. Tolerance A. In special hardened steel.

Nominal measure Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Pitch	No.	28	19	19	14	14	14	14
Supplier code		16462	16463	16464	16465	16466	16467	16468
4350LC	Each	79,90	79,90	94,40	102,00	113,00	131,00	131,00
Nominal measure Ø	inch	1	1.1/4	1.1/2	1.3/4	2		
Pitch	No.	11	11	11	11	11		
Supplier code		16469	16470	16471	16472	16473		
4350LC	Each	133,00	193,00	198,00	218,00	225,00		

These articles can be supplied in approx. 4 full weeks with the calibration report.

THREAD PLUG GAUGES



Orig. Völkel
HIGH ACCURACY plug gauge, GO-NO-GO for right American UNC thread according to the ANSI B 1.1 rules. Tolerance 2B. In special hardened steel.

Nominal measure Ø	inch	Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Pitch	No.	40	32	32	24	20	18	16
Supplier code		16104	16105	16106	16107	16108	16109	16110
4350LF	Each	79,90	79,90	79,90	79,90	75,50	78,40	78,40
Nominal measure Ø	inch	7/16	1/2	9/16	5/8	3/4		
Pitch	No.	14	13	12	11	10		
Supplier code		16111	16112	16113	16114	16115		
4350LF	Each	81,30	85,70	91,50	97,30	109,00		

These articles can be supplied in approx. 4 full weeks with the calibration report.

THREAD RING GAUGES



Orig. Völkel
HIGH ACCURACY ring gauge, GO for right American UNC thread according to the ANSI B 1.1 rules. Tolerance 2A. In special hardened steel.

Nominal measure Ø	inch	Nr. 4	Nr. 6	Nr. 8	Nr.10	1/4	5/16	3/8
Pitch	No.	40	32	32	24	20	18	16
Supplier code		16294	16295	16296	16297	16298	16299	16300
4350LM	Each	65,40	65,40	65,40	65,40	65,40	68,30	72,60
Nominal measure Ø	inch	7/16	1/2	9/16	5/8	3/4		
Pitch	No.	14	13	12	11	10		
Supplier code		16301	16302	16303	16304	16305		
4350LM	Each	72,60	84,20	84,20	102,00	117,00		

These articles can be supplied in approx. 4 full weeks with the calibration report.



HIGH ACCURACY ring gauge, NO-GO for right American UNC thread according to the ANSI B 1.1 rules. Tolerance 2A. In special hardened steel.

Nominal measure Ø	inch	Nr. 4	Nr. 6	Nr. 8	Nr.10	1/4	5/16	3/8
Pitch	No.	40	32	32	24	20	18	16
Supplier code		16438	16439	16440	16441	16442	16443	16444
4350LP	Each	65,40	65,40	65,40	65,40	65,40	68,30	72,60
Nominal measure Ø	inch	7/16	1/2	9/16	5/8	3/4		
Pitch	No.	14	13	12	11	10		
Supplier code		16445	16446	16447	16448	16449		
4350LP	Each	72,60	84,20	84,20	102,00	117,00		

These articles can be supplied in approx. 4 full weeks with the calibration report.

THREAD PLUG GAUGES



Orig. Völkel
HIGH ACCURACY plug gauge, GO-NO-GO for right American fine UNF thread according to ANSI B 1.1 standards. Tolerance 2B. In special hardened steel.

Nominal measure Ø	inch	Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Pitch	No.	48	40	36	32	28	24	24
Supplier code		16116	16117	16118	16119	16120	16121	16122
4350LR	Each	79,90	79,90	79,90	79,90	75,50	75,50	78,40
Nominal measure Ø	inch	7/16	1/2	9/16	5/8	3/4		
Pitch	No.	20	20	18	18	16		
Supplier code		16123	16124	16125	16126	16127		
4350LR	Each	81,30	85,70	91,50	97,30	109,00		

These articles can be supplied in approx. 4 full weeks with the calibration report.

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THREAD RING GAUGES

Orig. Völkel

HIGH ACCURACY ring gauge, GO for right American fine UNF thread according to ANSI B 1.1 standards. Tolerance 2A. In special hardened steel.

Nominal measure Ø	inch	Nr. 4	Nr. 6	Nr. 8	Nr.10	1/4	5/16	3/8
Pitch	No.	48	40	36	32	28	24	24
Supplier code		16306	16307	16308	16309	16310	16311	16312
4350LS	Each	65,40	65,40	65,40	65,40	65,40	68,30	72,60
Nominal measure Ø	inch	7/16	1/2	9/16	5/8	3/4		
Pitch	No.	20	20	18	18	16		
Supplier code		16313	16314	16315	16316	16317		
4350LS	Each	72,60	84,20	84,20	102,00	117,00		

These articles can be supplied in approx. 4 full weeks with the calibration report.



UNF

4350LS
new



HIGH ACCURACY ring gauge, NO-GO for right American fine UNF thread according to ANSI B 1.1 standards. Tolerance 2A. In special hardened steel.

Nominal measure Ø	inch	Nr. 4	Nr. 6	Nr. 8	Nr.10	1/4	5/16	3/8
Pitch	No.	48	40	36	32	28	24	24
Supplier code		16450	16451	1645	16453	16454	16455	16456
4350LT	Each	65,40	65,40	65,40	65,40	65,40	68,30	72,60
Nominal measure Ø	inch	7/16	1/2	9/16	5/8	3/4		
Pitch	No.	20	20	18	18	16		
Supplier code		16457	16458	16459	16460	16461		
4350LT	Each	72,60	84,20	84,20	102,00	117,00		

These articles can be supplied in approx. 4 full weeks with the calibration report.



UNF

4350LT
new



THREAD PLUG GAUGES

Orig. Völkel

HIGH ACCURACY plug gauge, for American NPT pipe thread, taper 1:16. In special hardened steel.

Nominal measure Ø	inch.	1/8	1/4	3/8	1/2	3/4	1
Pitch	No.	27	18	18	14	14	11,5
Supplier code		16136	16137	16138	16139	16140	16141
4350LV	Each	221,00	236,00	254,00	276,00	305,00	363,00

These articles can be supplied in approx. 4 full weeks with the calibration report.



NPT

4350LV
new



THREAD RING GAUGES

Orig. Völkel

HIGH ACCURACY ring gauge, GO for American NPT pipe thread, taper 1:16. In special hardened steel.

Nominal measure Ø	inch.	1/8	1/4	3/8	1/2	3/4	1
Pitch	No.	27	18	18	14	14	11,5
Supplier code		16485	16486	16487	16488	16489	16490
4350LZ	Each	363,00	363,00	363,00	400,00	436,00	494,00

These articles can be supplied in approx. 4 full weeks with the calibration report.



NPT

4350LZ
new



ADDITION TIMERS

Prod. SCU

Watchcase in unbreakable ABS.
1/10 second graduations.
Handy and shock-proof.
Multi-purpose.
Rear wind-up key with 3 buttons for start, stop and zero-setting.
Neat reading.
Centre seconds-hand: 1 turn corresponds to 30 seconds.
Counts minutes (up to 5 minutes).
Maximum precision.
Dial diameter: 55mm.

4380G	Each	111,00
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Product running out of stock.



4380G





4382G

**Prod. SCU - Orig. Hanhart**

Watchcase in stainless steel.
 Movement: anchor with 7 jewels.
 1/5 second and 1/100 minute graduations.
 Water-proof, shock-proof- antimagnetic.
 For industrial applications (machining times) and any other application.
 Neat reading.
 One centre button for: winding up, start, stop and zerosetting.
 Centre seconds-hand: 1 turn corresponds to 60 seconds.
 Upper minutes-hand counts up to 30 minutes.
 Maximum precision.
 Dial diameter: 55mm.

4382G Each 405,00

4383G



Watchcase in stainless steel.
 Movement: anchor with 7 jewels.
 1/5 seconds and 1/100 minute graduations.
 Water-proof-shock-proof-antimagnetic.
 For industrial applications (machining times) and any other application.
 Neat reading.
 Centre button for: winding up, start and stop.
 Lateral button for zerosetting.
 Centre seconds-hand: 1 turn corresponds to 60 seconds.
 Upper minutes-hand counts up to 30 minutes.
 Maximum precision.
 Dial diameter: 55mm.

4383G Each 413,00

4384GA



Watchcase in stainless steel.
 Movement: anchor with 7 rubies.
 1/5 second and 1/100 minute graduations.
 Water-proof-shock-proof-antimagnetic.
 Particularly indicated for taking total and intermediate machining times and for any other application.
 Neat reading. Centre button for: winding up, start and stop.
 Left button for zerosetting.
 Right button for intermediate times start-stop.
 Upper minutes-hand counts up to 30 minutes.
 Maximum precision.
 Dial diameter: 55mm.

4384GA Each 820,00

4384GE



Product description as Art. 4384GA
 Model with zero setting and simultaneous restart function (split time function).

4384GE Each 507,00

Product running out of stock.**QUARTZ CONTROLLED LED STOPWATCHES**

4384GT

**Prod. SCU - Orig. Hanhart**

Display with 7 digits (height 6.5mm) for reading 1/100 of second.
 Field of measurement: 9 hours, 59 min., 59,99 sec.
 Unbreakable ABS watchcase.
 Start/stop button.
 Split/reset button: split function for intermediate times, reset for zerosetting.
 Operated by 1 x SR54 battery. Operating temperature range: -15 °C to +55 °C.
 Dimensions: 66x70x21mm

4384GT Each 50,30



Display with 7 digits (height 7mm) for reading 1/100 of second.
 Measurement range: 9 hours, 59 min., 59,99 sec.
 Unbreakable ABS watchcase.
 Start/stop button.
 Split/reset button: split function for intermediate times, reset for zerosetting.
 Operated by 1.5 V battery. Operating temperature range: -15 °C +55 °C.
 Dimensions: 82x61x28mm.

4385G Each **72,70**



Display with 7 digits (height 8mm) for reading 1/100 of second.
 Measurement range: 9 hours, 59 min., 59,99 sec.
 Unbreakable and waterproof abs watchcase.
 Start/stop button.
 Split/lap reset button: Split function for intermediate times, takes 2 related times.
 Lap function for taking single times.
 Reset for zerosetting.
 Mode button for selecting split or lap function, with memory.
 Light button for display illumination.
 Operated by 1.5 V battery. Operating temperature range: -15 °C +60 °C.
 Dimensions: 82x61x28mm.

4386G Each **126,00**



Display with 15 digits (height 7/5mm) for reading 1/100 of sec. and 1/100 min.
 Upper display measuring range: 50min, 59,99 sec.
 Lower display measuring range: 9h, 59min, 59,99sec.
 Unbreakable and shock-proof ABS watchcase.
 4 multifunction buttons for selecting the function chronometer (sum function, count-down, lap time, intermediate time), watch (hours, minutes and seconds) or calendar (year, month and day).
 With 65 memories of lap times and intermediate times.
 Operated by 1.5 V battery. Operating temperature range: -15 °C +60 °C.
 Dimensions: 82x61x28mm.

4390G Each **359,00**



PRECISION DIAL INDICATORS

Prod. SCU - Orig. Käfer

1/10 graduations. With 1 hand for millimetres and tenths of millimetres. Stem and contact point in stainless steel.
 Zerosetting by dial rotation. Metal case.
 Dial Ø mm 58
 Drive Ø mm 8 h 6
 Measuring capacity mm 10
 Each pointer revolution mm 10

4400G Each **93,70**

See accessories from Art. 4405 GA to Art. 4405 GF.



Orig. MIB

Division 1/100. With two lancets for indicating millimeters and hundredths of a millimeter. With tolerance markers.
 Reset by turning the dial and screw. Metal casing.

Art.	4401GA	4401GB
Measuring capacity	mm 3	5
Dial Ø	mm 40	40
Drive Ø	mm 8 h 6	8 h 6
Each pointer revolution	mm 1	1
Supplier code	01024009	01024010
Each	43,50	49,50





4402G



1/100

Orig. MIB - Art. 01023005

DIN 878. 1/100 graduations. With 2 hands for millimetres and cents of millimetres. With tolerance markers.

Zeroseetting by dial rotation and stop screw. Shock-proof with cap, metal case.

Dial Ø	mm	58
Drive Ø	mm	8 h 6
Measuring capacity	mm	10
Each pointer revolution	mm	1
4402G	Each	36,10

4404GA



1/100

Prod. SCU - Orig. Käfer

DIN 878. 1/100 graduations. With 2 hands for millimetres and cents of millimetres. With tolerance markers. Stem and contact point in stainless steel.

Zeroseetting by dial rotation.

Metal case.

Dial Ø	mm	40
Drive Ø	mm	8 h 6
Measuring capacity	mm	3
Each pointer revolution	mm	0,5
4404GA	Each	105,00

4404G 1A



1/100

Product description as Art. 4404GA

Dial Ø	mm	40
Drive Ø	mm	8 h 6
Measuring capacity	mm	5
Each pointer revolution	mm	0,5
4404G 1A	Each	105,00

4404GB



1/100

Product description as Art. 4404GA

Dial Ø	mm	58
Drive Ø	mm	8 h 6
Measuring capacity	mm	10
Each pointer revolution	mm	1
4404GB	Each	73,30

See accessories from Art. 4405 GA to Art. 4405 GF.

4404GE



1/100

Product description as Art. 4404GA

Dial Ø	mm	100
Drive Ø	mm	8 h 6
Measuring capacity	mm	10
Each pointer revolution	mm	1
4404GE	Each	254,00

4404GP



1/100

With rear, fixed magnetic attachment, for an easy and simple mounting without support.

DIN 878. 1/100 graduations. With 2 hands for millimetres and cents of millimetres. With tolerance markers. Stem and contact point in stainless steel.

Zeroseetting by dial rotation.

Metal case.

Dial Ø	mm	58
Drive Ø	mm	8 h 6
Measuring capacity	mm	10
Each pointer revolution	mm	1
Magnet traction	kN	220
4404GP	Each	214,00

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Prices in EURO . VAT not included



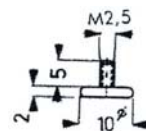
ACCESSORIES FOR DIAL INDICATORS

Prod. SCU - Orig. Käfer

Flat buttons Ø 10mm.

4405GA Each **7,74**

Apt for all dial indicators Orig. Käfer.

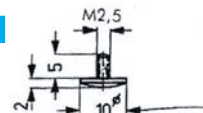


4405GA

Convex buttons Ø 10mm.

4405GB Each **9,86**

Apt for all dial indicators Orig. Käfer.

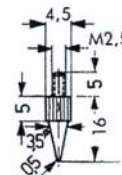


4405GB

Buttons with rounded tip.

4405GC Each **9,32**

Apt for all dial indicators Orig. Käfer.

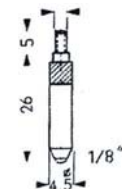


4405GC

Extended buttons Ø 10mm.

4405GD Each **5,78**

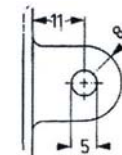
Apt for all dial indicators Orig. Käfer.



4405GD

Fixed rear attachment only for Art. 4404 GB - 4407 G.

4405GE Each **9,18**



4405GE

Lever only for Art. 4404 GB.

4405GF Each **13,40**



4405GF

PRECISION DIAL INDICATORS

Orig. MIB - Art. 01024005

Division 1/100. With two lancets for indicating millimeters and hundredths of a millimeter. With tolerance markers. Reset by turning the dial and screw. Key and rod extended to large measurements. Metal casing.

Measuring capacity	mm	30
Dial Ø	mm	58
Drive Ø	mm	8 h 6
Each pointer revolution	mm	1
Overall length	mm	122
4406E	Each	93,10



4406E

1/100

Prod. SCU - Orig. Käfer

1/100 graduations. With 2 hands for millimetres and cents of millimetres. With tolerance markers. Stem and contact point in stainless steel. Zerosetting by dial rotation. Extended button and stem for wide measures. Metal case.

Measuring capacity	mm	30
Dial Ø	mm	58
Drive Ø	mm	8 h 6
Each pointer revolution	mm	1
Overall length	mm	148
4406GA	Each	199,00



4406GA

1/100



4406GB

SCU



1/100

Product description as Art. 4406GA

Measuring capacity	mm	50
Dial Ø	mm	58
Drive Ø	mm	8 h 6
Each pointer revolution	mm	1
Overall length	mm	232

4406GB Each **281,00**

4406GC

SCU



1/100

Product description as Art. 4406GA

Measuring capacity	mm	100
Dial Ø	mm	80
Drive Ø	mm	10 h 6
Each pointer revolution	mm	1
Overall length	mm	382

4406GC Each **761,00**

Stand with Ø 10mm connector can be supplied on request.

4407G

SCU



1/100

DIN 878. 1/100 graduations. With 2 hands for millimetres and cents of millimetres. With tolerance markers. Stem and contact point in stainless steel. Zerosetting by dial rotation. Shock-proof metal case, button micrometrical adjustment under the removable button cap.

Measuring capacity	mm	10
Dial Ø	mm	58
Drive Ø	mm	8 h 6
Each pointer revolution	mm	1

4407G Each **184,00**

WATER AND OIL TIGHT PRECISION DIAL INDICATORS

4409GB

SCU



1/100

Prod. SCU - Orig. Käfer

DIN 878. 1/100 graduations. With 2 hands for millimetres and cents of millimetres. With tolerance markers. Stem and contact point in stainless steel. Zerosetting by dial rotation. Water-tight and shock-proof, metal case; stem protected for applications with liquids.

Measuring capacity	mm	10
Dial Ø	mm	61,5
Drive Ø	mm	8 h 6
Each pointer revolution	mm	1

4409GB Each **219,00**

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TOLERANCE DIAL INDICATORS

Prod. SCU - Orig. Käfer

DIN 878. 1/100 graduations. Indicated for checking tolerance.
With 1 hand.
Shock-proof metal case.

Measuring capacity	mm	0,8
Dial Ø	mm	58
Drive Ø	mm	8 h 6
Position excursion on piece	mm	9
Bilateral reading scales	mm	±0,45

4410GB Each **136,00**



4410GB

1/100

DIAL DEPTH GAUGES

Prod. SCU - Orig. Käfer

1/100 graduations. With 2 hands. With high precision base.
Screw clamping for perfect fastening of dial gauges.

Measuring capacity	mm	30
Dial Ø	mm	58
Each pointer revolution	mm	1
Base dimensions	mm	80x16

4411GB Each **395,00**

Only base apt for Art. 4411 GB.

O4411G Each **131,00**



4411GB

1/100

DIAL TEST INDICATORS, SWIVEL CONTACT POINT

Prod. SCU - Orig. Käfer

Dial Ø 28mm, stem Ø 8mm x h 6, 1/100 graduations.
Travel 0.8mm, for tolerance ±0.4mm right-left with lateral movement.
Swivel range of contact point 220°. To be mounted on articulated holder Art. 4412 GS.
Rod with contact point, length 12.3mm.

4412GC Each **182,00**



4412GC

1/100

High precision model, with dial Ø 40mm, 1/100 graduations.
Stem Ø 8mm x h 6, inserted from above, travel 0.8mm, for tolerance ±0.4mm forward-backward with front movement.
Swivel range of stylus in hard metal 240°. To be mounted on articulated holder Art. 4412 GS and arch centering Art. 4412 GT by joint Art. O4412 GM 4 or 8.
Rod with contact point, length 12mm.

4412GF Each **181,00**

For drive Ø 4 mm see Art. O4412 GM 4.



4412GF

1/100

High precision model, with dial Ø 40mm, 1/100 graduations.
Stem Ø 8mm x h 6, inserted from above, travel 0.5mm, for tolerance ±0.25mm forward-backward with front movement.
Swivel range of stylus in hard metal 240°. To be mounted on articulated holder Art. 4412 GS and arch centering Art. 4412 GT by joint Art. O4412 GM 4 or 8.
Extended rod with contact point, length 35mm.

4412GL Each **253,00**

For drive Ø 4 mm see. Art. O4412 GM 4.



4412GL

1/100



4412GM SCU



2/1000

Very high precision model, with dial Ø 40mm, 2/1000 graduations.
Stem Ø 8mm x h 6, inserted from above, travel 0.2mm, for tolerance ±0,1 mm forward-backward with front movement.
Swivel range of stylus in hard metal 240°.
To be mounted on articulated holder Art. 4412 GS and arch centering Art. 4412 GT by joint Art. O4412 GM 4 or 8.
Rod with contact point, length 12mm.

4412GM Each **219,00**

For drive Ø 4 mm see. Art. O4412 GM 4.

Stem fittings Ø 4 mm, inserted in the head, on comparators Art. 4412 GF - L - M. (Not supplied).

O4412GM 4 Each **19,10**

Stem fittings Ø 8 mm, inserted in the head, on comparators Art. 4412 GF - L - M. (Supplied).

O4412GM 8 Each **19,10**

4412GS SCU



Articulated support for comparators with hole for attacks Ø mm 4 e 8 for dial gauges with dovetail.

Dimensions 80x12x6mm.

4412GS Each **29,80**

4412GT SCU



Centering arches with connection pin Ø 8 mm and holes for attacks comparators Ø 4 and 8 mm.

4412GT Each **65,10**

PRECISION DIAL INDICATORS WITH MAGNETIC HOLDER

4414G SCU



1/100

Prod. SCU - Orig. Käfer

With prism-shaped base and lateral magnetic holders. Can be used over flat or round surfaces and in many other applications.

Handy and easy to use.

Indicator holding articulation can swing horizontally at 360°.

Vertically 30°.

Dimensions: support base: 72x37x26mm. Magnetic force KN 260.

Arm gauge 35mm.

Dial indicator 4404 GB with magnetic holder.

4414G Each **248,30**



4414GS SCU



Product description as Art. 4414G

Only magnetic holder without dial indicator.

4414GS Each **175,00**

For similar model, but with flat base see Art. 4421 A.



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HIGH PRECISION DIAL INDICATORS

Orig. MIB - Art. 01024001

DIN 878. Division 1/1000. With 2 hands to indicate tenths, hundredths and thousandths of a millimetre.

Reset by turning the dial. Metal box.

Dial Ø	mm	58
Drive Ø	mm	8 h 6
Measuring capacity	mm	1
Each pointer revolution	mm	0,1

4415G Each **102,00**



4415G

1/1000

Prod. SCU - Orig. Käfer

1/1000 graduations. With 2 hands for tenths and thousandths of millimetre. Contact rod and point in stainless steel. Zerosetting by dial rotation. Shock-proof with cap and metal case.

Dial Ø	mm	58
Drive Ø	mm	8 h 6
Measuring capacity	mm	1
Each pointer revolution	mm	0,2

4415GB Each **223,00**



4415GB

1/1000

Product description as Art. 4415GB

Dial Ø	mm	58
Drive Ø	mm	8 h 6
Measuring capacity	mm	5
Each pointer revolution	mm	0,2

4415GE Each **236,00**



4415GE

1/1000

PRECISION DIAL INDICATORS

Prod. SCU - Orig. Käfer

1/100 graduations. Back-plunger dial indicator for easy reading from above. Can be applied by means of two stems Ø 8mm x height 16.5mm or Ø 28mm x height 7mm. Dial diameter 58mm.

With 2 hands. With tolerance markers. Zerosetting by dial rotation.

Measuring range 3mm. Range per revolution 1mm.

4418G Each **209,00**



4418G

1/100

MILLESIMALI DIAL INDICATORS

Prod. SCU - Orig. Käfer

With sector dial. Division 1/1000.

With one hand to indicate the differences and two movable limits to indicate the minimum and maximum tolerance values.

Micrometric reset by knurled screw.

Dial 62mm. Stem diameter 8mm.

Measuring capacity 0.10 mm of which:

- 0.05 to the left - minus
- 0.05 to the right + plus.

4420G Each **382,00**



4420G

1/1000

CENTESIMAL ELECTRONIC DIGITAL DIAL INDICATORS

Orig. MIB - Art. 02031025

Precision model. 1/100 graduations.

Dial display with 4 big digits, easy to read.

mm/inch selection button. Zerosetting button for relative and incremental measurements. On/off button. Contact in hard metal. Powered by a 3 V lithium battery ecological, long life.

Precision 20 µm. Dial diameter 57mm.

Measuring capacity	mm	12,5
Drive Ø	mm	8 h 6

4420GE Each **149,00**



4420GE

1/100



4420GF



1/100

Orig. MIB - Art. 02031026

Product description as Art. 4420GE

Measuring capacity mm 25,4
Drive Ø mm 8 h 6

4420GF Each **203,00**

4420GM



1/100

Orig. MIB - Art. 02031023

Precision model. 1/100 graduations.

Dial display with 4 big digits for easy reading.

mm/inch selection button. Zerosetting button for relative and incremental measurements. On/off button. Contact in hard metal. Battery power supply 1.5 V.

Precision: 30 µm.

Measuring capacity mm 50
Drive Ø mm 8 h 6

4420GM Each **300,00**

MILLESIMALI ELECTRONIC DIGITAL DIAL INDICATORS

4420GS



1/1000

Orig. MIB - Art. 02031029

Precision model. 1/1000 graduations.

Dial display with 4 big digits, easy to read.

mm/inch selection button. Zerosetting button for relative and incremental measurements. On/off button. Contact in hard metal. Powered by a 3 V lithium battery ecological, long life.

Precision 0.01 mm. Dial diameter 57mm.

Precision: 5 µm.

Measuring capacity mm 12,5
Drive Ø mm 8 h 6

4420GS Each **284,00**

DEPTH ELECTRONIC DIGITAL DIAL INDICATORS

4420GV

new



1/100

Orig. MIB - Art. 01025116

Precision model. 1/100 graduations.

Dial display with 4 big digits, easy to read.

mm/inch selection button. Zerosetting button for relative and incremental measurements. On/off button. Contact in hard metal. Support base mm 100x16. With 5 extensions of 10 - 20 - 40 - 70 - 100 mm. Powered by a 3 V ecological, long life lithium battery.

Dial diameter 56 mm.

Precision: 0.02 mm.

Measuring capacity mm 25
4420GV Each **338,00**

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INDICATOR STANDS

Orig. MIB - Art. 06070000

Universal type with sliding column on base.
 For comparators with coupling Ø 8mm.
 Ground parallel surfaces and chrome finished support rods.
 The horizontal arm swivels and tilts.
 Total height 270mm. Column diameter 14mm. Horizontal arm length 235mm, diameter 12mm.
 Base dimensions: length 220mm, width 58mm, height 35mm.

Without dial indicator.

4421	Each	93,10
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4421

Prod. SCU - Orig. Käfer

Magnetic model. Small dimensions, handy and easy to use. Flat base with 2 permanent active magnetics.
 Base dimensions: length 73mm, width 38mm, height 11mm. Horizontal arm, 360° swiveling and 30° vertically tilting approx.
 Total height 46mm. Length of swivel arm up to holder opening 35mm. Holder opening for dial

Without dial indicator.

Magnet force	N	180
4421A	Each	88,40

For similar model, but with prism-shaped base see Art. 4414 GS.



4421A

Orig. MIB - Art. 06071010

Magnetic type. Standard machining, prismatic base.
 Magnetic adhesion with lever insertion and detachment.
 Base dimensions: length 60mm, width 50mm, height 55mm.
 The horizontal arm swivels and tilts, with micrometer adjustment.
 Total height 231mm. Column diameter 12mm.
 Horizontal arm length 150mm, diameter 10mm.
 For comparators with coupling Ø 8mm.

Without dial indicator.

Magnet force	N	600
4421B	Each	35,30



4421B

Orig. MIB - Art. 06071005

Magnetic model. Implementation strengthened.
 Magnetic-mount adhesion and detachment.
 Dimensions: length. 60 mm, min. 50 mm, alt. 55 mm.
 The horizontal arm can be rotated and tilted, with micrometric adjustment.
 Total height: 281 mm. Column diameter mm 16.
 Horizontal arm length 200 mm, diameter 12 mm.
 For comparators with 8 mm diameter.

Without comparator.

Magnet force	N	600
4421BE	Each	42,10



4421BE

Orig. MIB - Art. 06071025

Magnetic type. Heavy-duty machining, prismatic base.
 Very strong magnetic adhesion with lever insertion and detachment.
 Base dimensions: length 63mm, width 50mm, height 55mm.
 The horizontal arm swivels and tilts, with micrometer adjustment.
 Total height 290mm. Column diameter 16mm.
 Horizontal arm length 250mm, diameter 16mm.
 For comparators with coupling Ø 8mm.

Without dial indicator.

Magnet force	N	800
4421C	Each	91,50



4421C



4421ET SCU



Prod. SCU

Magnetic model. Precision fine finish, with central tensioning system, prism-shaped base. High magnetic force with switch on/off. Chromed arms and micrometric adjustment. Base dimensions: length 40mm, width 30mm, height 35mm. Total height 210mm. Active radius 150mm. Holder opening for dial indicators Ø 8mm. Without dial indicator.

Magnet force	N	200
4421ET	Each	84,10

4421F MIB



Orig. MIB - Art. 06071002

Magnetic model. Precision fine finish, with central tensioning system, prism-shaped base. Big magnetic force with switch on/off. Chromed arms and micrometric adjustment. Base dimensions: length 65mm, width 50mm, height 55mm. Total height 380mm. Range of action 310mm. Holder opening for dial indicators Ø 8mm. Without dial indicator.

Magnet force	N	600
4421F	Each	63,10

4421GA SCU



Prod. SCU

Professional/industrial model with magnetic base. High precision, fine finish, very stable and sturdy, with central tensioning system. Chromed arms with precision articulations, guided travel and micrometric adjustment. Round base dimensions 40mm x height 30mm. Active radius 200mm. Total height 335mm. Holder opening for dial indicators Ø 8mm and indicator/pointers with dovetail clamp. Without dial indicator.

Magnet force	N	300
4421GA	Each	379,00

4421GB SCU



Professional/industrial model with magnetic base and switch on/off, prism-shaped base. High precision, fine finish, very stable and sturdy, with central tensioning system. Chromed arms with precision articulations, guided travel and micrometric adjustment. Holder opening for dial indicators Ø 8mm and indicator/pointers with dovetail clamp.

Without dial indicator.

Action range	mm	200	280	420	620
Overall height	mm	310	390	570	630
Prismatic base dimensions	mm	60x50x55h	60x50x55h	75x50x55h	120x60x52h
Magnet force	N	750	750	1000	1500
4421GB	Each	417,00	481,00	855,00	1.350,00

Dimensions 620mm with flat base, instead of prism-shaped base.

4421L MIB



Orig. MIB - Art. 06071015

Magnetic rod, fully swivelling in any position. Big magnetic force with switch on/off. Base dimensions: length 65mm, width 50mm, height 55mm. Total height 370mm. Holder opening for dial indicators Ø 8mm. Without dial indicator.

Magnet force	N	600
4421L	Each	67,50

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Prod. SCU

Type with locking suction cup.
 Fine precision execution, with central quick locking knob, smooth base. Good adhesion strength; with lever for grafting and detachment. Particularly suitable for use on tops in granite, glass and on all smooth non-magnetic surfaces.

Satin arms and micrometric adjustment device.
 Base diameter: mm 90.
 Total height mm 390. Range of action mm 285.
 For comparators with Ø 8 mm connection.
 Without dial indicator.

Magnet force	N	230
4421PA	Each	360,00



4421PA
new



PRECISION DIAL BENCH GAUGES

Prod. SCU

With fixed round base, for verification in hardened steel, ground and lapped.
 Shiftable horizontal arm, vertical column in hardened ground steel.
 Base diameter 75mm. Working height 180mm. Total height 260mm.
 Column diameter 25mm. Holder opening for dial indicators Ø 8mm.
 Without dial indicator.

4421R	Each	274,00
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4421R



With fixed square base, for verification in hardened steel, ground and lapped.
 Shiftable horizontal arm, vertical column in hardened ground steel.
 Base dimensions 100x100mm. Working height 160mm. Total height 255mm.
 Column diameter 24mm. Holder opening for dial indicators Ø 8mm.
 Without dial indicator.

4421S	Each	289,00
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4421S



CONCENTRICITY CONTROL TOOLS

Orig. MIB - Art. 06066065

Bench suitable for checking the concentricity, flatness, roundness and diameters of round bodies.
 Cast iron body and supports with 2 rectified sliding guides. 1 fixed and 1 mobile tailstock, with control lever, in hardened and ground steel. Height of the tailstocks 176 mm. Complete with support for dial indicators, column diameter 12 mm, length 176 mm, horizontal arm diameter 10 mm, length 150 mm, for holder opening for dial indicators Ø 8 mm, with micrometric adjustment.
 Capacity 500 mm, total length mm 920, precision mm 0,02. Weight Kg. 80. Without comparator.
 In wooden case.

4422	Each	1.960,00
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4422
new



DIAL BORE GAUGES

Prod. SCU

Interchangeable rods in chromed steel, ground.
 Hardened contact points. In case. For dial indicators with reading graduations 1/10 and 1/100 mm.
 Without dial indicator.

For int Ø by	mm	15-35
For depths up to	mm	130
4423E	Each	329,00

It is advisable to use the dial indicators Art. 4400G - 4404 GB.



4423E



Product description as Art. 4423E

Without dial indicator.
 For int Ø by mm 30-100
 For depths up to mm 210

4423F	Each	379,00
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It is advisable to use the dial indicators Art. 4400G - 4404 GB.



4423F





4423L

SCU



Product description as Art. 4423E
Without dial indicator.

For int Ø by mm 50-178
For depths up to mm 210

4423L Each **404,00**

It is advisable to use the dial indicators Art. 4400G - 4404 GB.

4423M

SCU



Product description as Art. 4423E
Without dial indicator.

For int Ø by mm 100-300
For depths up to mm 210

4423M Each **630,00**

It is advisable to use the dial indicators Art. 4400G - 4404 GB.

4424A

SCU HARTMETALL 1/100



Rounded contact points in hard metal.
Reading graduations 1/100 mm. Interchangeable rods in chromed steel, rectified.
In case.

With dial indicator.

For int Ø by mm 6-10
For depths up to mm 50
Dial Ø mm 40

4424A Each **173,00**

4424B

MIB HARTMETALL 1/100
MESSZEUGE GERMANY



Orig. MIB - Art. 01027071

Product description as Art. 4424A

For int Ø by mm 10-18
For depths up to mm 100
Dial Ø mm 40

4424B Each **188,00**

4424C

SCU HARTMETALL 1/100



Prod. SCU

Product description as Art. 4424A

For int Ø by mm 18-35
For depths up to mm 150
Dial Ø mm 58

4424C Each **148,00**

4424D

SCU HARTMETALL 1/100



Product description as Art. 4424A

For int Ø by mm 35-50
For depths up to mm 150
Dial Ø mm 58

4424D Each **150,00**

4424E

MIB HARTMETALL 1/100
MESSZEUGE GERMANY



Orig. MIB - Art. 01027074

Product description as Art. 4424A

For int Ø by mm 50-100
For depths up to mm 150
Dial Ø mm 58

4424E Each **188,00**

11



Prod. SCU

Product description as Art. 4424A

For int Ø by mm 50-160
 For depths up to mm 150
 Dial Ø mm 58

4424F Each **161,00**

SCU HARTMETALL 1/100 4424F



Product description as Art. 4424A

For int Ø by mm 160-250
 For depths up to mm 400
 Dial Ø mm 58

4424H Each **177,00**

SCU HARTMETALL 1/100 4424H



Orig. MIB - Art. 01027077

Product description as Art. 4424A

For int Ø by mm 250-450
 For depths up to mm 410
 Dial Ø mm 58

4424L Each **248,00**

MIB HARTMETALL 1/100 4424L



DIAL CALIPER GAUGE FOR INTERNAL MEASUREMENTS

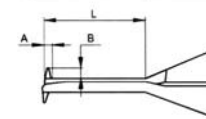
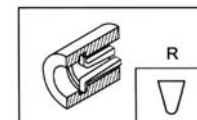
Orig. MIB

Dial gauge for quick measuring of internal holes, slots, etc. Precision ±0,02 of mm, reading 1/100 of mm. Sizes 5-15mm and 5-25mm with rounded points R 0.3. Sizes 10-30/20-40/30-50mm with rounded points R 0.5. Holding case.

Measuring capacity	mm	5-15	5-25	10-30	20-40	30-50
Size L depth	mm	20	35	55	80	80
Tip size A	mm	1	1	2	3	3
Tip size B	mm	2	2	5,5	6	8,5
Supplier code		01027100	01027101	01027102	01027103	01027104
4424S	Each	293,00	308,00	330,00	338,00	345,00



1/100 4424S



DIAL CALIPER GAUGE FOR EXTERNAL MEASUREMENTS

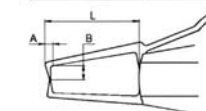
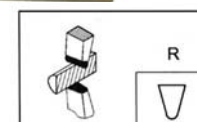
Orig. MIB

Dial gauge for quick measuring of internal holes, slots, etc. Precision ±0,02 of mm, reading 1/100 of mm. Size 0-10mm with rounded points R 0.5. Size 0-20/10-30/20-40/30-50mm with rounded points R 0.75. Holding case.

Measuring capacity	mm	0-10	0-20	10-30	20-40	30-50
Size L depth	mm	40	80	80	80	80
Tip size A	mm	3	6,5	6,5	6,5	6,5
Tip size B	mm	8	25	25	25	25
Supplier code		01027111	01027112	01027113	01027114	01027115
4424T	Each	278,00	345,00	353,00	353,00	353,00



1/100 4424T





WORK COUNTERS

4425G

SCU

**Prod. SCU - Orig. IVO**

For quick counting of moving objects. With ring to be slipped on the user's finger. Strokes are given by a finger on the upper lever.

Instantaneous zero-setting knob. Digits height 4.5mm.

Number of digits: 4.

Metal body.

4425G Each 104,00

4425GP

SCU



Product description as Art. 4425G

Plastic body.

4425GP Each 62,20

4425GT

SCU

**Prod. SCU**

For quick counting of moving objects. With ring to be slipped on the user's finger. Strokes are given by a finger on the upper lever.

Instantaneous zero-setting knurled knob. Digit height 3.5mm.

Digit number 4.

Plastic body.

4425GT Each 12,10

WORK COUNTERS

4426G

SCU

**Prod. SCU - Orig. IVO**

With round base of 65mm and holes for table mounting. Strokes are given by a finger on the upper lever. Instantaneous zero-setting knob. Digits height 4.5mm. Number of digits: 4.

Metal body and base.

4426G Each 104,00

4426GP

SCU



Product description as Art. 4426G

Plastic body and base, can be mounted on walls.

4426GP Each 58,80

4426GR

SCU

**Prod. SCU**

With rectangular base 50x45mm and holes for bench mounting. Strokes are given by a finger on the upper lever. Instantaneous zero-setting knurled knob. Digits height 3.5mm. Digit number 4.

Plastic body and base, can be mounted on walls.

4426GR Each 12,10



WORK COUNTERS

Prod. SCU - Orig. IVO

With round base of 65mm and holes for wall mounting.
Strokes are given by a finger on the upper lever.
Instantaneous zerosetting knob.
Digits height 4.5mm. Number of digits: 4.

4426GS Each **108,00**

SCU



4426GS

WORK COUNTERS

Prod. SCU - Orig. IVO

Operated by a lateral lever.
Instantaneous zerosetting knob.
Square base dimensions 40X46mm. Digits height 4.5mm. Number of digits: 4.

4427G Each **108,00**

SCU



4427G

HAND REVOLUTION COUNTERS

Prod. SCU

Reinforced model.
Equipped with steel toe cap and PVC tip. Metal body.
Right or left rotation. Reset by side wheel.
Maximum speed of 7000 RPM.
Digit height 6 mm. 4 digits number for reading until 9999.

4429A Each **77,80**

SCU



4429A

HAND TACHOMETERS

Prod. SCU

Instantaneous reading of revolutions per minute and of surface speed.
Rounded dial diameter 70mm. Scale graduation 40 ÷ 500.
For left or right revolution, the marker always moves to the same direction. Precision ±5%.
Measuring capacity: revolutions 40 ÷ 50000 and metres 4 ÷ 5000 of surface speed.
Knurled ring for subdividing into 3 measuring fields:
1st Revolutions 40 ÷ 500 / m 4 ÷ 50 | 2nd revolutions 400 ÷ 5000 / m 40 ÷ 500 | 3rd revolutions 4000 ÷ 50000 / m 400 ÷ 5000
Provided with roller for finding the number of metres by dividing the surface speed by 10. Anti-magnetic, handy and easy to use.
Do not lubricate.
Supplied with the following accessories:
1 rubber pointer, taper pointed, with coupling support.
1 rubber pointer, big funnel.
1 roller with flat strip and throat for cord, for surface speed and no. of revolutions for shaft without hub.
4 soft rubber pointers, taper pointed, interchangeable.
Holding case.

4430GB Each **642,00**

SCU



4430GB



DIGITAL ELECTRONIC TACHOMETERS

Prod. SCU

Direct reading on display (5 digits). Model with optimal quality/price ratio.
Good precision equipment (±0.02% +1 digit), user friendly for measuring without mechanic contact.
Field of measurement: 1 to 60000 rev/min.
Apply self-adhesive reflective surface on the rotating part (standard supplied).
Max. measuring distance: 0.45m.
Incorporated memory for recalling the latest reading.
Automatic stop after 30 sec. from the latest measurement. Indicator of discharged batteries.
Operated by 2 alkaline batteries AA.

4430GCA Each **212,00**

SCU



4430GCA



Set of self-adhesive reflective strips (10 pcs.), for Art. 4430 GCA - 4430 GD - 4430 GF.

O4430GCA Series **34,60**

**4430GD** SCU

Professional model, direct reading on display (5 digits), casing covered with rubbery material for high protection and a more comfortable use.

Good precision equipment ($\pm 0.02\%$ +1 digit), user friendly for measuring without mechanic contact.

Field of measurement: 1 to 99999 rev./min.

Apply self-adhesive reflective surface on the rotating part (standard supplied).

Max. measuring distance: 0.60m.

Incorporated memory for recalling the latest, the max., the min. and the average reading.

Automatic stop after 30 sec. from the latest measurement. Indicator of discharged batteries.

Operated by 2 alkaline batteries AA. Supplied in case.

4430GD Each **311,00**

For additional reflective strips see Art. O4430 GCA.

4430GE SCU

Double function for contact measurement or infrared beams measurements (laser beam). Particularly indicated for checks and measurements on moving parts, motors, operating machines, etc.

Direct reading on display (5 digits).

High precision equipment ($\pm 0.05\%$ +1 digit), easy to use.

Field of measurement with contact: 0.5 - 19999 rev./min.

Field of measurement with laser beam: 2.5 - 99999 rev./min.

For laser beam measurements, apply the reflective strap (1 strap of 60cm included in the equipment) on the moving part.

For contact measurements, apply the supplied accessories (2 pointers and 1 roller for surface speeds).

Measuring distance with laser beam from 50 to 500 mm.

Incorporated memory for recolling the last reading.

Circuit manufactured with an exclusive microprocessor LSI and quartz time base.

Operated by 4 alkaline batteries (AA).

Dimensions: 210x74x37mm.

Holding case.

4430GE Each **355,00**

Spare parts supplied on request.

Self-adhesive reflective strips, 60cm, for Art. 4430 GE.

O4430GE Each **16,10**

4430GF SCU

Professional model with double function for contact measurement or light ray telemeasuring. direct reading on display (5 digits), casing covered with rubbery material for high protection and a more comfortable use.

Good precision equipment ($\pm 0.02\%$ +1 digit), user friendly for measuring without mechanic contact.

Field of contact measurement: 1 to 99999 rev./min.

Field of telemeasuring: 1 to 99999 rev./min.

Peripheral speed (with 6" wheel) from 0.10 to 1524 m/min - from 0.40 to 5000 ft/min - from 4 to 60000 in/min.

Measurement of length (with 6" wheel) from 0 to 99999 m/ft/in.

For telemeasuring apply the supplied adhesive reflective strip on the moving part.

For contact measurements apply the provided adaptor as well as the special standard tools (2 pointers and 2 wheels for peripheral speed).

Max. light ray measuring distance: 0.60m.

Incorporated memory for recalling the latest, the max., the min. and the average reading.

Field of measurement selection: m/min, m/sec., ft/min, ft/sec., in/min, m, ft, in, rpm.

Automatic stop after 30 sec. from the latest measurement. Indicator of discharged batteries.

Operated by 2 alkaline batteries AA. Supplied in case.

4430GF Each **436,00**

The instrument is supplied with a calibration report. For additional reflective strips see Art. O4430 GCA.

4430GH 1 SCU

SPARE ACCESSORIES FOR ART. 4430 GF
Extension.

4430GH 1 Each **17,30**

4430GH 2 SCU

SPARE ACCESSORIES FOR ART. 4430 GF
6" wheel for peripheral speed.

4430GH 2 Each **45,10**



SPARE ACCESSORIES FOR ART. 4430 GF
0.1m wheel for peripheral speed.

4430GH 3 Each **34,60**

SCU



4430GH 3

SPARE ACCESSORIES FOR ART. 4430 GF
Convex pointer.

4430GH 4 Each **34,60**

SCU



4430GH 4

SPARE ACCESSORIES FOR ART. 4430 GF
Tapered pointer.

4430GH 5 Each **34,60**

SCU



4430GH 5

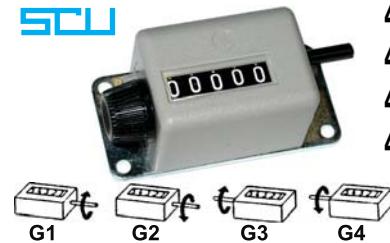
REVOLUTION COUNTERS

Prod. SCU - Orig. IVO

Adds in one direction. Subtracts in the opposite direction. 1 rev. = 1 unit.
Maximum speed 2000 rpm. Knob for instantaneous zerosetting. Digits height 4.5mm. Number of digits 5. Base surface 29x60mm.

Art.	4431G 1	4431G 2	4431G 3	4431G 4
Rotation	right	right	left	left
Rotation	right	left	right	left
Each	96,80	115,00	115,00	115,00

SCU



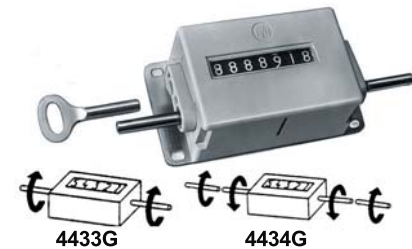
4431G 1
4431G 2
4431G 3
4431G 4

Removable key for zerosetting. 1 rev. = 1 unit.

Adds in one direction. Subtracts in the opposite direction. Right hand shaft.

Ciphers height	mm	4,5
No. of ciphers		6
Wheels Ø	mm	4
Max speed	rev/min	3000
Base dimensions	mm	60x70
4433G	Each	166,00

SCU



4433G
4434G

Product description as Art. 4433G

Adds in both directions.

Ciphers height	mm	7
No. of ciphers		7
Wheels Ø	mm	7
Max speed	rev/min	1000
Base dimensions	mm	120x64
4434G	Each	194,00

Adds in one direction. Subtracts in the opposite direction.

Removable lever for zerosetting. 1 rev. = 1 unit.

Maximum speed 3000 rpm.

Art.	4435GD 1	4435GD 2	4435GS 1	4435GS 2
Rotation	right	right	left	left
Ciphers height	mm	4,5	7	4,5
No. of ciphers		5	5	5
Wheels Ø	mm	4	7	4
Base dimensions	mm	80x48	120x64	80x48
Base dimensions	mm			120x64
Each	159,00	322,00	159,00	322,00

SCU



4435GD 1
4435GD 2
4435GS 1
4435GS 2

Prod. SCU

Adds in one direction. Subtracts in the opposite direction. Zero-setting by means of lever (for Art. 4436 GD - S x 2 movable in both directions) 1 rev. = 1 unit. Body in die-cast aluminium, sturdy construction.

Art.	4436GD 1	4436GD 2	4436GS 1	4436GS 2
Rotation	right	right	left	left
Ciphers height	mm	6	7	6
No. of ciphers		5	6	5
Wheels Ø	mm	6	8	6
Max speed	rev/min	3000	500	3000
Max speed	rev/min			500
Base dimensions	mm	93x47x32	130x67x53	93x47x32
Base dimensions	mm			130x67x53
Each	128,00	201,00	128,00	201,00

SCU



4436GD 1
4436GD 2
4436GS 1
4436GS 2



REVOLUTION COUNTERS

4437GD SCU



Prod. SCU - Orig. IVO

Electric SUBTRACTING system.
To preset the desired value, push the lateral lever backwards and hold it in this position. Push the button to select the desired value. Then release the lever.

The counters subtracts from the preset value, until it reaches zero, when the electric contact disengages the counter. The electric contact may operate a relay, an alarm, a light or the three simultaneously, close or far.

To repeat the same value, just push the lever. The counter can be connected both on the right and on the left.

The lever can be mounted both on the right and on the left. 1 rev. = 1 unit.

For alternate current up to V 220.

Art.	4437GD		
Rotation	right		
Ciphers height	mm	7	
No. of ciphers	5		
Max speed	rev/min	6000	
Base dimensions	mm	142x88	
Each	927,00		

Product running out of stock.

4438GD 4438GS SCU



Prod. SCU

Electrical ADDITIONING system.
Quick zero-setting by means of lever. Body in die-cast aluminium, sturdy construction. Upon reach of the preset value, a micro commutator is activated according to basic operation settings. Digit number 5. Digit height 8mm. 1 rev. = 1 unit. Max. speed 5000 rpm.
Dimensions 130x87x57mm.
Contact range 1 A 24 V d.c.

Art.	4438GD	4438GS
Rotation	right	left
Each	424,00	424,00

STROKE COUNTERS

4440G 1 4440G 2 4440G 3 4440G 4 SCU



Prod. SCU - Orig. IVO

Adds in one direction.
The lever automatically goes back to the starting point. Each stroke corresponds to one number.
Lever travel: min. 38°, max. 60°.
Max number of strokes: approx. 500 per min.
The lever can be adjusted in any position of the shaft.
knob for instantaneous zero-setting. Number of digits 5.
Digits height 4.5mm. Base dimensions 29x60mm.

Art.	4440G 1	4440G 2	4440G 3	4440G 4
Shaft side	right	right	left	left
Rotation	right	left	right	left
Each	101,00	101,00	104,00	104,00

4440GE 1 4440GE 2 4440GE 3 4440GE 4 SCU



Prod. SCU

Adds in one direction.
The lever automatically goes back to the starting point. Each stroke corresponds to one number.
Max number of strokes: approx. 1000 per min.
The lever can be adjusted in any position of the shaft.
Knurled knob for instantaneous zero-setting. Body and cover in synthetic material.
Digit number 6. Digit height 5mm. Dimensions 46.5x33x31mm.

Art.	4440GE 1	4440GE 2	4440GE 3	4440GE 4
Shaft side	right	right	left	left
Rotation	right	left	right	left
Each	57,60	57,60	57,60	57,60

Available on request mounting bases.

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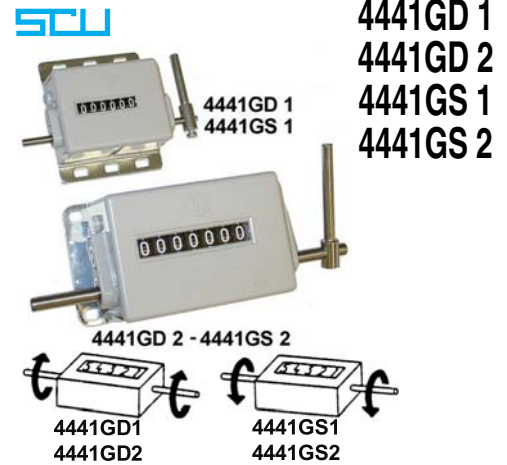
Prices in EURO . VAT not included



Prod. SCU - Orig. IVO

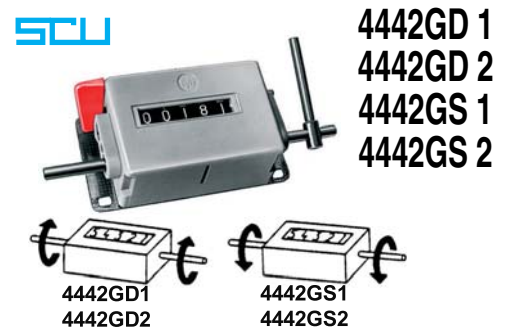
Removable key for zerosetting.
 Adds in one direction.
 The lever automatically goes back to the starting point. Each stroke corresponds to one number.
 Lever travel: min. 38°, max. 60°.
 Max number of strokes: approx. 500 per min.

Art.	4441GD 1	4441GD 2	4441GS 1	4441GS 2
Rotation	right	right	left	left
Ciphers height	mm 4,5	7	4,5	7
No. of ciphers	6	7	6	7
Wheels Ø	mm 4	7	4	7
Base dimensions	mm 60x70	120x64	60x70	120x64
Each	139,00	211,00	139,00	211,00



Movable lever for instantaneous zerosetting.
 Adds in one direction.
 The lever automatically goes back to the starting point. Each stroke corresponds to one number.
 Lever travel: min. 38°, max. 60°.
 Max number of strokes: approx. 500 per min.

Art.	4442GD 1	4442GD 2	4442GS 1	4442GS 2
Rotation	right	right	left	left
Ciphers height	mm 4,5	7	4,5	7
No. of ciphers	5	5	5	5
Base dimensions	mm 80x48	120x64	80x48	120x64
Each	173,00	322,00	173,00	322,00



Prod. SCU

Quick zero-setting through upper lever.
 Adds in one direction.
 The lever automatically goes back to the starting point. Each stroke corresponds to one number.
 Max. stroke number approx 700 per min. Body in aluminium zama, sturdy construction.
 Digit number 5. Digit height 6mm. Dimensions 93x47x32mm.

Art.	4443GD 1	4443GS 1
Rotation	right	left
Each	128,00	128,00



METER COUNTERS

Prod. SCU

Electric SUBTRACTING system.
 Body in die-cast aluminium, metal internal workings and self-lubricating synthetic material, speed 1000 strokes per min.
 Right shaft side, right rotation.
 Digit number 4. Digit height 8mm. Dimensions 115x95x50mm.
 Contact range 1 AMP 24V d.c.

4443GT	Each	165,00
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METER COUNTERS

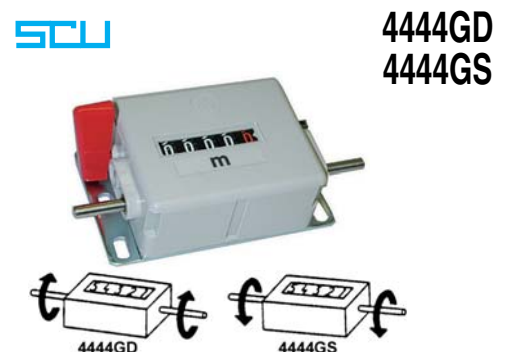
Prod. SCU - Orig. IVO

Adds in one direction. Subtracts in the opposite direction. 5 rev. = 1 metre.
 For wheels circumference 200mm.
 Max speed 200 metre per min.
 Zerosetting by means of movable lever.
 Counts up to 9999.9 metres. Shaft diameter 4mm.
 Digits height 4.5mm. Base dimensions 80x48mm.
 Right shaft rotation, without wheel.

4444GD	Each	163,00
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Product description as Art. 4444GD
 Left shaft rotation, without wheel.

4444GS	Each	173,00
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For wheels see Art. 4452 GA-B-C



4445GA
4445GB



Prod. SCU

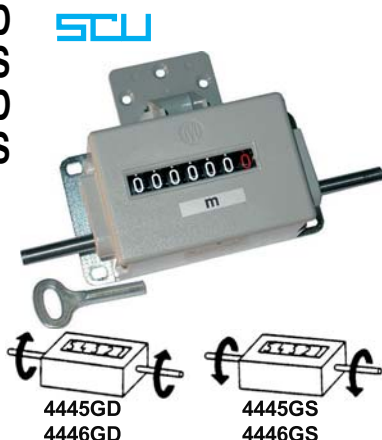
Adds in one direction. Subtracts in the opposite direction. 5 rev. = 1 metre.
For wheels circumference 200mm.
Max speed 500 metre per min.
Zero-setting by means of movable lever.
Counts up to 9999.9 metres. Shaft diameter 6mm.
Body in aluminium zama, sturdy construction.
Digit number 5. Digit height 6mm. Dimensions 93x47x32mm.
Without wheel.

Art.
Rotation

	4445GA	4445GB
	right	left
Each	128,00	128,00

For wheels see Art. 4452 GL - GM.

4445GD
4445GS
4446GD
4446GS



Prod. SCU - Orig. IVO

Adds in one direction. 2 rev. = 1 metre.
For wheels circumference 500mm. Max speed approx. 100 metre per min.
Zeroseeting by means of removable key.
Counts up to 999,999.9 metres.
Without hinge and without wheels.

Art.
Rotation

	4445GD	4445GS
	right	left
Each	197,00	249,00

Product description as Art. 4445GD

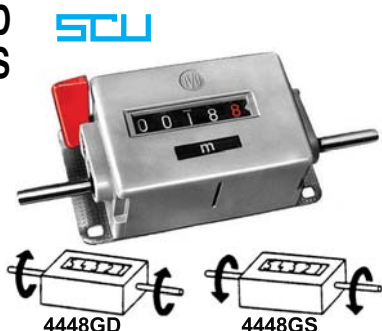
With hinge, without wheel.

Art.
Rotation

	4446GD	4446GS
	right	left
Each	249,00	249,00

For wheels see Art. 4453 A-B-C.

4448GD
4448GS



Adds in one direction. Subtracts in the opposite direction. 2 rev. = 1 metre.
For wheels circumference 500mm.
Max speed 200 metre per min.
Instantaneous zero-setting by means of lever movable on both sides.
Counts up to 9,999.9 metres.
Shaft diameter 7mm.

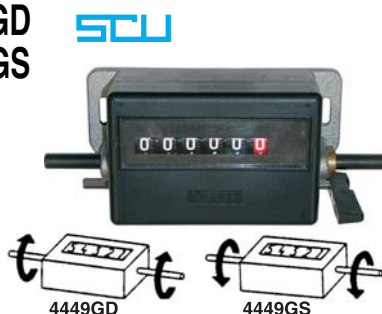
Without wheel.

Art.
Rotation

	4448GD	4448GS
	right	left
Each	287,00	287,00

For wheels see Art. 4453 A-B-C.

4449GD
4449GS



Prod. SCU

Adds in one direction. Subtracts in the opposite direction. 2 rev. = 1 metre.
For wheels circumference 500mm.
Max speed 500 metre per min.
Quick zero-setting by means of lever movable on both sides.
Counts up to 9,999.9 metres.
Shaft diameter 8mm.
Body in die-cast aluminium, sturdy construction.
Without wheel.

Art.
Rotation

	4449GD	4449GS
	right	left
Each	201,00	201,00

For wheels see Art. 4453 L - M.

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METER COUNTERS

Prod. SCU - Orig. IVO

Electric SUBTRACTING system.
 For wheel circumference 500mm.
 To preset the desired value, use the 5 buttons.
 The meter counter subtracts from the preset value until it reaches zero, when it disengages an electric contact. Automatic disengagement at zero.
 See Art. 4437 G for the procedure of value presetting.
 Zerosetting lever movable on both sides. To repeat the same value, just push the lever.
 2 rev. = 1 metre. Counts up to 9,999.9m. Max metre per min. 250.
 For alternate current up to V 220.

SCU

**4450GD
4450GS**



Without wheel.

Art.	4450GD	4450GS
Rotation	right	left
Ciphers height	mm 7	7
No. of ciphers	5	5
Base dimensions	mm 142x88	142x88
Each	871,00	932,00

**For wheels see Art. 4453 A-B-C.
Products running out of stock.**

Prod. SCU

Electrical ADDITIONING system.
 For wheel circumference 500mm. Max speed 500 m/min.
 Quick zero-setting by means of lever. Body in die-cast aluminium, sturdy construction. Upon reach of the preset value, a micro commutator is activated according to basic operation settings.
 Counts up to 9,999.9 metres. Shaft diameter 8mm. 2 rev. = 1m.
 Digit number 5. Digit height 8mm. Dimensions 130x87x57mm.
 Contact range 1 A 24 V d.c.

SCU

**4451GD
4451GS**



Without wheel.

Art.	4451GD	4451GS
Rotation	right	left
Each	424,00	424,00

For wheels see Art. 4453 L - M.

WHEELS FOR METER COUNTERS

Prod. SCU

In duraluminium (Art. 4452 GA-B), in synthetic material (Art. 4452 GC-E). Fastening screw.
 Circumference 200mm, diameter 64mm, band width 12mm (Art. 4452 GE mm 17), coupling hole with diameter 4mm. To be mounted on meter counters Art. 4444 GD-S.
 With cross-grained surface.

SCU

**4452GA
4452GB
4452GC
4452GE**

4452GA	Each	72,60
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Product description as Art. 4452GA

Engrailed rubber surface.

4452GB	Each	83,10
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Product description as Art. 4452GA

Smooth plastic surface.

4452GC	Each	69,20
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Product description as Art. 4452GA

Knurled rubber surface.

4452GE	Each	25,60
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In duraluminium (Art. 4452 GL), in synthetic material (Art. 4452 GM). Fastening screw.
 Circumference 200mm, diameter 64mm, band width 12mm (Art. 4452 GE mm 17), coupling hole diameter 6mm. To be mounted on meter counters Art. 4445 GA-B.
 Knurled surface.

SCU

**4452GL
4452GM**

4452GL	Each	32,90
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Product description as Art. 4452GL

Knurled rubber surface.

4452GM	Each	25,60
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4453A
4453B
4453C



In duraluminium. Fastening screw.
To be mounted on meter counters Art. 4445 G - 4446 G - 4448 G - 4450 G for R(D)+L (S) hand rotation.

Art.		4453A	4453B	4453C
Circumference	mm	500	500	500
Wheel Ø	mm	160	160	160
Circular clamp width	mm	28	25	25
Bore Ø	mm	7	7	7
Surface		knurled	rubber knurled	rubber smooth
Each		55,70	60,60	60,60

Spare rubber band for Art. 4453 B.

O4453E	Each	14,40
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Spare rubber band for Art. 4453 C.

O4453F	Each	14,40
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4453L
4453M



In duraluminium. Fastening screw. Circumference 500mm, diameter 160mm, band width 23mm, coupling hole diameter 8mm. To be mounted on meter counters Art. 4449 GD-S and 4451 GD-S. Knurled metal surface.

4453L	Each	54,80
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Product description as Art. 4453L

Knurled rubber surface.

4453M	Each	58,50
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Spare rubber band for Art. 4453 M.

O4453P	Each	19,20
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METER-COUNTERS FOR CABLES

4453R



Prod. SCU

Suitable for measuring any cable or rope having diameter from 2.5 to 25mm.

Quick reset by upper key.

Body in die-cast aluminium. Count to 999.9 m.

Right shaft side, right rotation. 1 rev. = 200mm. Dimensions 130x90x90mm.

Supplied with wheel, circumference 200mm and square, made of sheet.

4453R	Each	125,00
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IMPULSE COUNTERS

4454GA
4454GB
4454GE



Prod. SCU - Orig. IVO

To be enclosed, with spring fastening.

Electric ADDING system. Works as revolution and stroke counter.

Can be connected at any distance from the impulse-sender mounted on the operating machine.

Max speed 10 impulses per sec. The impulse must not last less than 25 milliseconds. 1 impulse adds 1 number. Counter with 6 digits to add up to 999,999.

Digits height 4.5mm. Push button for immediate zerosetting.

For alternate current 24 V.

4454GA	Each	187,00
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Product description as Art. 4454GA

For alternate current 110 V.

4454GB	Each	187,00
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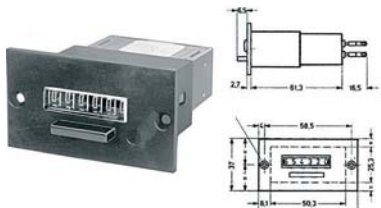
Product description as Art. 4454GA

For alternate current 230 V.

4454GE	Each	166,00
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4455G
4456G
4457G



To be enclosed, with screw fastening.

Electric ADDING system. Works as revolution and stroke counter.

Can be connected at any distance from the impulse-sender mounted on the operating machine.

Max speed 10 impulses per sec. The impulse must not last less than 25 milliseconds. 1 impulse adds 1 number. Counter with 6 digits to add up to 999,999.

Digits height 4.5mm. Push button for immediate zerosetting.

For alternate current 24 V.

4455G	Each	187,00
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Product description as Art. 4455G

For alternate current 110 V.

4456G	Each	166,00
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Product description as Art. 4455G

For alternate current 230 V.

4457G	Each	166,00
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11



IMPULSE COUNTERS WITH PRESET FUNCTION

Prod. SCU - Orig. IVO

To be enclosed, with spring fastening.
 1 impulse = 1 digit. Number of digits 6, digits height 4.5mm
 Zeroseetting button. Speed: 10 impulses per sec. Push the zeroseetting button and move the black key in the arrow direction; the preset counter now appears in the window. Starting from the left, set the desired value by pushing the preset keys (with a finger or with the point of a pencil). Then release the key with the arrow.
 For alternate current 24 V.

4459GA Each **440,00**

Product running out of stock.

Product description as Art. 4459GA
 For alternate current 110 V.

4459GB Each **585,00**

Product running out of stock.

Product description as Art. 4459GA
 For alternate current 230 V.

4459GE Each **585,00**

Product running out of stock.



4459GA
4459GB
4459GE



To be enclosed, with screw fastening.
 Supplied with coupling box and front frame.
 1 impulse = 1 digit. Number of digits 6, digits height 4.5mm.
 Zeroseetting button. Speed: 10 impulses per sec.
 Push the zeroseetting button and move the black key in the arrow direction; the preset counter now appears in the window. Starting from the left, set the desired value by pushing the preset keys (with a finger or with the point of a pencil). Then release the key with the arrow.

For alternate current 110 V.

4460G 1A Each **512,00**

Product running out of stock.

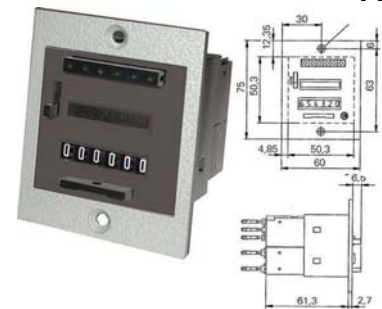
Product description as Art. 4460G 1A
 For alternate current 230 V.

4460GB Each **369,00**

Product running out of stock.



4460G 1A
4460GB



METER COUNTERS

Prod. SCU

Professional model, direct reading on display (5 digits) suitable for checking and monitoring plants, equipment, machines, motors, etc. characterized by high rpm, impulse or vibration regimes during operation.
 Adjustable flash intensity. Exceptional light intensity of 1200 lux at 20mm / 4500 FPM (flash per minute). Flashing frequency from 30 to 12500 FPM. Flash duration lower than 9 µs. Accuracy ± 0.01% of the detected value ± 1 Digit. Resolution and repeatability ± 1 FPM.
 Operated by Ni-MH rechargeable batteries. Dimensions 240x65x55mm. In handy case, complete with battery charger 100/240 V, 50/60 Hz.

4461 Each **1.340,00**



4461



BATTERY MINI LEDLIGHTS WITH MAGNET

Prod. SCU

Professional model, liquefied gas cartridge-type Art. 3250 CE.
 Metal cartridge holder, brass burner, protection glass and net. Piezoelectric ignition.
 Supplied without cartridge. Weight 575g.

4461T Each **33,80**

Spare protection net for Art. 4461 T.

O4461TA Each **1,64**

Spare protection glass for Art. 4461 T.

O4461TB Each **4,76**

For liquefied gas cartridges see Art. 3250 CE.



4461T





WORKING LAMPS

4462

SCU



IP20

**Prod. SCU**

Pantograph model with incandescent light.
Manufactured in compliance with CEI safety standards and D.l.gs.626/94. Protection level: IP 20.
Class I.

Frame in drawn tubes, baking painted. Arm length 108 cm.
Power 60 W, 220-240 V. Reflector diameter 160mm.

With clamp fastening.

Without electric bulb.

4462	Each	173,00
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4462E

SCU



Protective grid Ø 165mm, for Art. 4462/4463L 4 .

4462E	Each	71,90
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4462L

SCU



IP20

**Prod. SCU**

Pantograph model with incandescent light.
Manufactured in compliance with CEI safety standards and D.l.gs.626/94. Protection level: IP 20.
Class I.

Frame in drawn tubes, baking painted. Arm length 108 cm.

Power 60 W, 220-240 V. Reflector diameter 160mm.

With clamp fastening.

Without bulb.

4462L	Each	263,00
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4463L

SCU



IP20

**Prod. SCU**

Articulated model with incandescent light.
Manufactured in compliance with CEI safety standards, following the D.Lgs. 626/94 and CEI 44-5
safety standards . Protection level: IP 20. Class I.

Arm length 101cm. Power 60 W, 220240 V. Reflector diameter 160mm. With clamp fastening for
desk mounting. With plug and switch.

Without electric bulb.

Jooints number

4463L	Each	285,00
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For protective grid Ø 165mm see Art. 4462 E.

4465

SCU



IP20

**Prod. SCU**

Professional pantograph type with fluorescent light.
Manufactured in compliance with CEI safety regulations, complies with Leg. Dec.626/94.
Protection level IP 20.

Class I. With protective plexiglas screen. Frame in oven-fired drawn pipes. Arm length 108 cm.

Power: 20 W (6500 K), 220-240 V.

Reflector size 495x95mm.

With clamp connection.

4465	Each	560,00
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4465A

SCU



ADDITIONAL ACCESSORIES

Base with holes for desk mounting (for Art. 4462/4462L/4464/4465/4465P).

4465A	Each	22,20
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4465B

SCU



ADDITIONAL ACCESSORIES

Base with holes for wall mounting (for Art. 4462/4462L/4464/4465/4465P).

4465B	Each	22,20
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ADDITIONAL ACCESSORIES

Cast iron base Ø 256mm, weight 10.1 (for Art. 4462/4462L).

4465E Each **130,00**

SCU



4465E

PROFESSIONAL / INDUSTRIAL type with flexible and high-brightness 1 module LED light, long life, low power consumption and low temperatures Allows energy savings of up to 85% compared to traditional lamps.

Manufactured in compliance European standards 2006/95/CE, 2004/108/CE, 2006/42/CE and EN 1387. IP 65 protection level, resistant to coolants.

Head adjustable at 40 °, in aluminum with high resistance glass and sturdy structure that can be adjusted in any position. Electric cable with Euro A10 plug, integrated into the structure. Arm length 50 cm. Power 3 W, 100/240 V in AC, with power supply in the base.

Reflector outer diameter 36 mm.

4465L Each **177,00**

SCU



4465L
new

IP65



Available on request same lamp with arm length 70 cm.

Product description as Art. 4465L

Head with adjustable light beam from 10 ° to 80 °, in aluminum with high resistance glass and sturdy structure that can be adjusted in any position. Electric cable with Euro A10 plug, integrated into the structure. Arm length 70 cm. Power 5 W, 100/240 V in AC, with power supply in the base.

Reflector outer diameter 36 mm.

4465P Each **208,00**

SCU



4465P
new

IP65



Clamp connection to fix the lamps Art. 4465 L and 4465 P.

O4465P Each **23,10**

PROFESSIONAL / INDUSTRIAL type with flexible and high-brightness 3 modules LED light, long life, low power consumption and low temperatures Allows energy savings of up to 85% compared to traditional lamps.

Manufactured in compliance European standards 2006/95/CE, 2004/108/CE, 2006/42/CE and EN 1387. IP 65 protection level, resistant to coolants.

Head adjustable at 30 °, in aluminum with high resistance glass and sturdy structure adjustable in every position. Electric cable with Schuko plug, integrated into the structure. Arm length 68 cm. Power 3 W, 100/240 V in AC, with power supply in the base.

Reflector outer diameter 85 mm.

4465R Each **407,00**

SCU



4465R
new

IP65



PROFESSIONAL / INDUSTRIAL type with flexible and high-brightness 6 modules LED light, long life, low power consumption and low temperatures Allows energy savings of up to 85% compared to traditional lamps.

Manufactured in compliance European standards 2006/95/CE, 2004/108/CE, 2006/42/CE and EN 1387. IP 65 protection level, resistant to coolants.

Head adjustable at 60 °, in aluminum with high resistance glass and sturdy tubular steel structure. 250 ° vertical movement of the reflector articulation; 310 ° horizontal rotation. Electric cable with Schuko plug, integrated into the structure. Arm length 80 cm. Power 12 W, 100/240 V in AC, with power supply in the base. Reflector outer diameter 130 mm.

4465T Each **415,00**

SCU



4465T
new

IP65



The same 24 V AC and DC lamps can be supplied on request.

Clamp connection to fix the lamps Art. 4465 R and 4465 T.

O4465T Each **34,60**

PROFESSIONAL/INDUSTRIAL model with flexible arm and halogen light.

In conformity with safety CEI standards, according to Law Decree 626/94 and to CEI 44-5 Machinery Safety Directive. Protection level: IP 65. Class II. Sturdy finish, can be oriented in any position. Electric cable inside the structure, bulb protected by hardened glass.

Voltage 230/12 V with transformer.

With fixed base and holes for desk mounting.

Arm length	cm	45
Power	W	50
Reflector external Ø	mm	85
4467	Each	589,00

SCU



4467

IP65



Product running out of stock.



ATEX BATTERY XENONLIGHTS

4470B SCU IP68 CE



Xenon

Prod. SCU

Professional model in polycarbonate, shock-proof and immersion-resistant (IP 68). Particularly suitable for inspection and maintenance. Front Xenon light. Atex approved.

Operated by No.4 x 1.5 V alkaline batteries (AA-type- Art. 3600 E), included. Autonomy: approx. 3 hours of continuous use. Brilliancy 80 Lumen. Holes in the grip for possible hanging cord. Length 167mm.

4470B Each 59,70

Product running out of stock.

BATTERY LED FRONT LAMPS

4471A SCU IP44 CE



Prod. SCU

Head/cap/helmet lamp, it leaves the operator's hands free.

Made of sturdy plastic material with rubber seals with large adjustable elastic straps in fabric for a firm and secure fit. Adjustable vertically. Resistant to splashing water and dust (IP 44)

Operated by 2 1.5 V alkaline batteries (type AA - Art. 3600 E), supplied. With 2-light dimmer switch and intermittent SOS light function.

Front light with 1 TOSHIBA LED with brightness of 100 LUMEN. Weight g 125.

4471A Each 28,80

4471AC SCU IP44 CE

new



Product description as Art. 4471A

Made of lightweight, impact-resistant plastic with adjustable fabric straps for a secure fit. Vertically adjustable and with the possibility of tilting the light beam up to 90°. Resistant to splashes of water and dust (IP 44). Operation with 3 alkaline batteries (type AA - Art. 3600 E), supplied. Switch for 3 brightness settings at 40%, 100%, 100% plus intermittent red light on the back; intermittent SOS light function. Continuous focus function to adjust the light beam according to distance.

Front light with 1 CREE-LED with a brightness of 200 LUMEN. Weight g 180.

4471AC Each 52,20

4471AE SCU IP54 CE



ORIENTABLE

Product description as Art. 4471A

Lightweight and impact-resistant ABS with large adjustable elastic straps in fabric for a firm and secure fit. Adjustable vertically. Resistant to splashing water and dust (IP 54).

Operated by 3 alkaline batteries (type AAA - Art. 3600 C), supplied. With switch and sensor for ignition with hand movement.

With front light with 1 WATT LED, equal to 90 LUMENS, high luminous output. Switch with two positions of adjustment of light intensity. Focus function to adjust the light beam. Weight 60 g.

4471AE Each 102,00

Product running out of stock.

4471C SCU



Professional model to be placed on the CAP or the helmet, leaving hands free.

Made of aluminum alloy with adjustable fabric elastics for a comfortable and secure fit. Vertically 180° adjustable.

Operated by 4 rechargeable batteries (type AA - Art. 3602) supplied, with 100-240 V charger. Central light with 1 super-high luminosity LED and 5 additional LEDs for a total lighting of 70 LUMENS. Two-position switch to adjust light intensity and turn on and off. Weight 200g.

4471C Each 112,00



ATEX BATTERY LEDLIGHTS

Prod. SCU

Professional type, in polycarbonate impact and water immersion resistant (IP 68). Particularly suitable for inspections and maintenance.

With front LED light. ATEX approved.

CREE-LED front light model with a brightness of 30 LUMEN.

Operation with 2 alkaline batteries 1.5 V (AAA - Art. 3600 C), supplied. Autonomy 10 hours of continuous use. Brightness of 30 lumens. With pocket clip. Length 143 mm.

4471E Each 48,10

SCU IP68 4471E



Product description as Art. 4471E

CREE-LED front light with a brightness of 120 LUMEN.

Operates with 4 alkaline batteries 1.5 V (AA - Art. 3600 E) provided. Autonomy about 15 hours of continuous use. Brightness 120 Lumen. With the handle slots for optional string. Length 167 mm.

4471F Each 87,80

SCU IP68 4471F



Support to fix the lamps to helmets supplied on request.

BATTERY LEDLIGHTS

Prod. SCU

Universal type in sturdy plastic, pocket, with handle / folding stand at 360 °, 360 ° swivel, retractable hook and magnet. Small in size but high light power and low consumption.

With dual function switch. Side light with 20 extra bright SMD SEOUL LEDs with special optical lens; front light with 3 high power LEDs.

Dimensions mm 100x70x30.

Operated by 3 alkaline batteries 1.5 V (type AAA - Art. 3600 C), supplied.

4471FL Each 23,30

SCU 4471FL



In soft non-slip plastic. Small in size but high light power and low consumption. Suitable to illuminate dimly lit spaces in any activities.

With dual-function switch and clip with built-in magnet. Side light with 7 ultra clear LEDs; front light with 1 high power LED. Length mm 165.

Operated by 3 alkaline batteries 1.5 V (type AAA - Art. 3600 C), supplied.

4471FT Each 11,50

SCU 4471FT



Compact type in aluminium, but great power of light.

Suitable to illuminate dimly lit spaces in any activities.

Resistant to splashes of water and dust (IP 54). Switch for 2 brightness settings and intermittent SOS light function. Continuous focus function to adjust the light beam according to distance.

Front light with 1 ultra-bright CREE-LED with a brightness of 70 LUMEN.

Length mm 97.

Operation with 1 1.5 V alkaline battery (type AA - Art. 3600 E), supplied.

4471GAL Each 30,30

SCU IP54 4471GAL *new*



Pocket type, in aluminium, with clip. Very hand and with great power of light.

Suitable to illuminate dimly lit spaces in any activities.

Resistant to splashes of water and dust (IP 54). Switch for 2 brightness settings. Continuous focus function to adjust the light beam according to distance.

Front light with 1 ultra-bright ultra-bright CREE-LED with a brightness of 100 LUMEN.

Length mm 146.

Operation with 2 1.5 V alkaline batteries (type AAA - Art. 3600 C), supplied.

4471GAR Each 33,50

SCU IP54 4471GAR *new*



**4471GBC GEDORE****Orig. Gedore red - Art. R95300017**

Compact type in aluminium, but great power of light.
With 2-light dimmer switch and intermittent SOS light function.
Front light with 1 ultra clear LED.
Length 120mm.
Operated by 3 alkaline batteries, 1.5 V (AAA type - Art. 3600 C), NOT provided.

4471GBC Each 13,50

4471GBL SCU

new

**IP44****Prod. SCU**

Pocket type, in aluminium, with clip. Very hand and with great power of light.
Suitable to illuminate dimly lit spaces in any activities.
Resistant to splashes of water and dust (IP 44). Switch for 2 brightness settings and intermittent SOS light function. Continuous focus function to adjust the light beam according to distance.
Front light with 1 ultra-bright CREE-LED with a brightness of 250 LUMEN.
Length mm 130.
Operation with 3 1.5 V alkaline batteries (type AAA - Art. 3600 C), supplied.

4471GBL Each 43,20

4471GC SCU

Front light model, LASER POINTER for levelling operations or aiming during presentations, speeches, etc.
In metal, reduced dimensions but big light power, energy efficient. Apt for small places with scarce visibility for mechanics, fine mechanics, electronics, jewellery applications, etc. With on/off switch

With switch. Front light model with 8 ultra-clear LEDs, with a brightness of 45 LUMEN and LASER.
Length 110mm.

4471GC Each 15,30

4471GD SCU

new



Front light type, with LASER POINTER and UV LIGHT, ideal for technical inspection activities.
In aluminum with knurled handle and clip. Strong magnet in the base for optimal light positioning.
Possibility to rotate the head 90 ° (L rotation) to direct the light source.

Double switch: 1 for UV light (single pressure) and LASER (prolonged pressure with 2 seconds delay to prevent accidental switching on) and 1 for dual intensity LED light (100/280 LUMEN brightness).

Length 152 mm.
Operation with 3 1.5 V alkaline batteries (type AAA- Art. 3600 C), supplied.

4471GD Each 93,80

4471L SCU

Light and shock-proof ABS. Suitable to light narrow spaces with reduced visibility for mechanics, fine mechanics, electronics operations, car repairing and inspections, etc.

With on/off switch. Front light with 5 UV ultra-bright LED and side light with 10 ultra-light LED.
Length mm 170 including the strap.
Operated by 3 alkaline batteries (AAA-type - Art. 3600 C), not included.

4471L Each 47,30

Product running out of stock.**LED RECHARGEABLE CORDLESS LIGHTS****4471LB SCU****IP30****Prod. SCU**

Professional pocket type, with continuous focus function to adjust the light beam according to distance.
Rechargeable lithium battery (Li-ion). 12 V battery charger with cigarette lighter plugs for cars, supplied. With switch. Ultra clear LED frontal light through; brightness equal to 130 LUMEN.

4471LB Each 55,70

Product running out of stock.



High brightness pocket type, in aluminum, with continuous focus function to adjust to adjust the light beam based on distance. Suitable to illuminate large, dimly lit spaces in any control, inspection and work activities.

Resistant to water and dust (IP 44).

Works with a rechargeable lithium battery (Li-ion). 2 chargers, 1 to 100/240 V and 1 to 12 V with car cigarette lighter socket, supplied. Switch with 2 brightness settings and intermittent SOS light function.

Length 136 mm. Front light with 1 ultra-bright CREE-LED, with a brightness of 250 LUMEN. Approx. 3.5 hours of continuous use.

4471LB 3 Each **64,80**

SCU IP44 **CE** **4471LB 3**
new



High brightness pocket type, in aluminum, with continuous focus function to adjust to adjust the light beam based on distance. Suitable to illuminate large, dimly lit spaces in any control, inspection and work activities.

Resistant to water and dust (IP 44).

Works with a rechargeable lithium battery (Li-ion). 2 chargers, 1 to 100/240 V and 1 to 12 V with car cigarette lighter socket, supplied. With on / off switch, 2 brightness settings and intermittent SOS light function.

Length 160 mm. Front light with 1 ultra-bright CREE-LED, with a brightness of 450 LUMEN. Approx. 2 hours of continuous use.

4471LB 6 Each **105,00**

SCU IP44 **CE** **4471LB 6**
new



In aluminum, for maximum brightness, with continuous focus function to adjust to adjust the light beam based on distance.

Length 250 mm. Particularly suitable for outdoor use thanks to protection from temporary immersion in liquids and maximum impermeability to dust (IP 67).

A 2 rechargeable lithium batteries (Li-ion) with 2 chargers, 1 to 100 / 240 V and 1 to 12 V with car cigarette lighter socket, supplied. Switch for 3 brightness settings, strobe and intermittent SOS light functions. Front light with 1 ultra-bright CREE-LED, with a brightness of 700 LUMEN. Approx. 4 hours of continuous use.

4471LB 9 Each **143,00**

SCU IP67 **CE** **4471LB 9**
new



Model coated in sturdy rubber to increase shock absorption and for an excellent handling. Suitable to illuminate large, dimly lit spaces in any control, inspection and work activities.

Length 205 mm, with joint for tilting the lamp, hook and magnet. Resistant to splashing water and dust (IP 54).

Provided with a rechargeable lithium battery (Li-ion) and with 2 chargers, 1 to 100/240 V and 1 to 12 V with cigarette lighter socket for cars. USB charge input. With switch. Front light with 1 SMD LED and side light with 6 SMD LEDs (up to 6 times brighter than traditional LEDs). Brightness: 70 LUMEN front, 280 LUMEN side.

4471LC Each **123,00**

SCU IP54 **CE** **4471LC**



11

**4471LF**

SCU



Angle type in lightweight and durable ABS. Suitable to illuminate large, dimly lit spaces in any control, inspection and work activities.

Length 185 mm and complete with swivel hook and magnet.

Provided with a rechargeable lithium battery (Li-ion) and with 2 chargers, 1 to 100/240 V and 1 to 12 V with cigarette lighter socket for cars. With switch. Front light with 3 high power and brightness LEDs and side light with 2 very powerful extra LED lights, with special optical lens. Autonomy about 2.5 hours of continuous use.

4471LF	Each	47,40
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4471ME*new*

SCU



Model coated in sturdy rubber to increase shock absorption and for an excellent handling. Suitable to illuminate large, dimly lit spaces in any control, inspection and work activities.

Length 170 mm, with joint for tilting the lamp up to 180 °; adjustable hook and magnet in the base. Rechargeable lithium battery (Li-ion) with 2 chargers, 1 to 100/240 V and 1 to 12 V with car cigarette lighter socket, supplied. With switch. Front light with 3 LEDs and side light with 15 LEDs, with a brightness of 56 LUMEN. Approx. 5 hours of continuous use.

4471ME	Each	69,10
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4471MF*new*

SCU



Product description as Art. 4471ME

Length 250 mm, with joint for tilting the lamp up to 180 °; 2 adjustable hooks and magnet in the base. Transparent replaceable LED protection cap. Rechargeable lithium battery (Li-ion) with 2 chargers, 1 to 100/240 V and 1 to 12 V with car cigarette lighter socket, supplied. With switch. Front light with 4 LEDs and side light with 22 LEDs, with a brightness of 75 LUMEN. Approx. 5 hours of continuous use.

4471MF	Each	88,80
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4471ML*new*

SCU



Product description as Art. 4471ME

Length 240 mm, with joint for tilting the lamp up to 180 °; adjustable hook and magnet in the base. Rechargeable lithium battery (Li-ion) with 2 chargers, 1 to 100/240 V and 1 to 12 V with car cigarette lighter socket, supplied. With switch and battery level indicator. Front light with 1 LED and side light with 6 ultra bright SMD LEDs, with a brightness of 220 LUMEN. Approx. 3.5 hours of continuous use.

4471ML	Each	102,00
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4471MP*new*

SCU



Product description as Art. 4471ME

Length 235 mm, with joint for tilting the lamp up to 150 °; adjustable hook and 3 magnets, one in the base and two in the back of the lamp. Rechargeable Li-Po battery (lithium-ion-polymer) with 100/240 V battery charger, supplied. "Powerbank" function. With switch and battery level indicator. Front light with 1 LED and side light with 8 ultra bright SMD LEDs, with a brightness of 400 LUMEN. Approx. 3 hours of continuous use.

4471MP	Each	114,00
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In very sturdy rubbery material that allows to absorb shocks and crushing, making the lamp wear resistant even at the MOST HEAVY USE. Suitable to illuminate large, dimly lit spaces in any control, inspection and work activities.

Length 320 mm complete with rotating hook and 2 magnets integrated into the handle. Resistant to splashes of water and dust (IP 54).

Provided with a rechargeable lithium battery (Li-ion) and with 2 chargers, 1 to 100/240 V and 1 to 12 V with cigarette lighter socket for cars. With switch.

Side light with 27 ultra-clear LEDs. Autonomy: ca. 4/5 hours of continuous use.

4471PA Each **90,20**



Model covered in robust rubber to increase shock absorption and ensure excellent handling; with manual DYNAMO battery charger. Suitable to illuminate large, dimly lit spaces in any control, inspection and work activities.

Length 300 mm, complete with hook and magnet. Works with 2 rechargeable lithium batteries (Li-ion) with 2 chargers, 1 to 100/240 V and 1 to 12 V with car cigarette lighter socket, supplied.

Switch for 2 brightness settings. Front light with 6 ultra bright SMD LEDs, with a brightness of 210/50 LUMEN. Approx. 5/9 hours of continuous use.

4471PF Each **68,40**



ULTRA-THIN type (only 11 mm) with 360 ° articulated magnetic base for maximum orientation possibilities. In light and resistant plastic.

Length 375 mm, with metal hook and strong magnet in the base. Rechargeable lithium battery (Li-ion) with 100/240 V battery charger, supplied. "Powerbank" function. With roller switch to adjust the brightness and battery level indicator. POWERFUL side light with ultra bright COB LEDs, with a power equal to 15 W. Autonomy: full light 2.5 hours / half light approx. 12 hours of continuous use.

4471PL Each **118,00**



Prod. SCU

Sturdy and very resistant ABS to protect against shocks, little aggressive chemical products, water sprouts (IP 64), dust, etc.

Complete with revolving hook. Suitable to light large areas with reduced visibility, for any control, inspection and working operation. With incorporated rechargeable battery and battery charger 110/240 V, with vertical support, included. With on/off switch.

Side cold light, ultra-light, long lasting (approx. 100000 hours). Autonomy: from approx. 5 to 7 hours of continuous use, recharging time approx. 4 hours.

LED	Nr	18
Light intensity	lumen	450
Length	mm	450
4471R	Each	150,00

Product running out of stock.



ELECTRIC PORTABLE LAMPS

Prod. SCU

Standard model. Frame in unbreakable ABS. With bulb protection hood made of glass. For bulbs max 60 W - 230 V and plug.

Without electric bulb.

4472G Each **15,90**





4472GA

SCU



gabbia con sportello apribile

Professional model. Metal frame.
With bulb protection hood made of glass.
Cable length 5m and plug. With handgrip in unbreakable rubber.

For bulbs max 60 W - 230 V.
Without electric bulb.

4472GA	Each	25,60
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4472GBE

SCU



Professional model for universal use, protective reflecting screen, fixed, in galvanized steel sheet, polished.

Metal cage and big hook. Heatproof handle. With on/off switch.

For bulbs max 60W - 230 V. 5m cable and plug included.

Without electric bulb.

4472GBE	Each	13,50
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4472GCE

SCU

IP54



Professional model for universal use, equipped with a hook to hang and with rubber feet, with switch.

In sturdy and unbreakable plastic with light that spreads to 360°.

2 additional SCHUKO sockets with protective caps. Absorption max sockets W 3500. For bulbs max 60 W - 230 V, particularly suitable for energy-saving ones. 5 m cable and SCHUKO plug.

Protected against dust and splashing water (IP 54).

Dimensions mm Ø 200x390h.

Without bulb.

4472GCE	Each	151,00
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Product running out of stock.



ELECTRIC PORTABLE LAMPS

4472GD 1

SCU



Professional model with switch.

White light, high brilliancy.

Electronic lamp, 230 V. Lamp holder with 5m long cable, plug and hook.

Total length 50cm approx.

Power	W	8
4472GD 1	Each	27,80

Product running out of stock.



4472GFA

SCU

IP54



Professional model with switch protected from water squirts and dust (IP 54).

Particularly sturdy and shock resistant. With sturdy rubber grip.

54 long-life LEDs for an ultra-bright light (brightness equal to 420 LUMEN), with anti-glare protective tube. Current 220-240V. Socket with m5 cable, plug and hook.

Overall length cm 45. Energy saving.

Power	W	5
4472GFA	Each	50,40





Product description as Art. 4472GFA

54 long-life LEDs for an ultra-bright light (brightness equal to 380 LUMEN), with anti-glare protective tube. With INTEGRATED rechargeable LITHIUM BATTERY (Li-ion). Charging time 3.5 hours ca, with charging indicator.

Complete with charging cable, 100-240 V power supply and 12 V car charging cable. Overall length 45 cm.

Battery voltage	V	3,7 - 3 Ah
4472GRA	Each	79,20

SCU IP54 CE 4472GRA



Powerful model with special supports with bent edges, with adjustable length and therefore easy to adapt to many situations. Ideal for being mounted on car bonnets, passenger compartments and trunks, in repair shops, garages, etc. White light, high brilliancy. Energy efficient, long duration. Electronic lamp 230 V. Lamp holder with 5m long cable, plug and hook. Resistant to dust and water squirts (IP55). Neon lamp total length 1120mm approx. Length of spring extending support from 1150 to 1700mm.

Power	W	30
4472GT	Each	105,00

Product running out of stock.

SCU IP55 CE 4472GT



ELECTRIC CLAMPING PORTABLE LAMPS

Prod. SCU

Rechargeable LED type.

Professional, ultra-light, high-power (20W) portable work lamp for in- and outdoor, that can be used both vertically and horizontally thanks to the practical support that also acts as a carrying handle. Steel body with rubber profiles for maximum impact resistance. With switch with 2 brightness settings and protection against dust and water splashes (IP 54). With rechargeable lithium battery (Li-Ion) and micro USB cable for charging, supplied. USB output ("Powerbank" function) and battery charge level indicator on the back of the lamp. With battery charger. Front light with 1 chip LED, with brightness equal to 2000 LUMEN. Autonomy of approx. 3 hours (max brightness) of continuous use. In robust case.

Without battery charger.

4472GV	Each	122,00
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Magnetic support on request.

SCU IP54 CE 4472GV
new



Prices, contents and images, stock and weight can be integrated with the ERP and the e-shop.



HALOGEN LAMPS

4472GZ SCU



IP44



Prod. SCU

Portable and sturdy type, high brightness halogen light and energy saving. Water splash resistant (IP 44).

Steel tube frame and comfortable handle.

Lamp with shockproof, adjustable protection. Brightness 8545 LUMEN.

Complete with m 1 cable and plug. 230 V (IP 20).

Power	W	350/400
4472GZ	Each	37,80

4473G SCU



IP44



Halogen lamp, high brightness and energy saving, stand made of cast iron and aluminium. Resistant to water squirts (IP 44), ideal for both internal and external use.

Sturdy stand in steel tubes and ergonomic handle.

Shock-proof and adjustable. Brightness 8545 LUMEN.

Complete with 5m cable and 230 V plug (IP 20).

Power	W	350/400
4473G	Each	55,80

4473G 3 SCU



IP44



Product description as Art. 4473G

Complete with 5m cable and 3-pin plug according to ECC standard (2 230 V phases + earth) 16 A.

Power	W	350/400
4473G 3	Each	63,10

HALOGEN LAMPS WITH STAND

4473G 5 SCU



IP44



Prod. SCU

Halogen lamp, high brightness and energy saving, with sturdy stand in steel tubes, coated by plastic. Adjustable height from 0.7 to 2 m. Resistant to water squirts (IP 44), ideal for both internal and external use.

Shock-proof and adjustable. Brightness 8545 LUMEN.

Complete with 5m long cable and 230 V plug (IP 20).

Power	W	350/400
4473G 5	Each	88,20

LED LAMPS

4473G 8 SCU



IP54



Prod. SCU

Portable and sturdy model with highly efficient, energy saving LED-CHIP technology (10 times less than halogen projectors), extremely bright (2530 lm) and long life up to 50,000 hours. Holder made of aluminium and steel. Resistant to dust and to splashes of water (IP 54). Frame in stable steel tube, rubber handle, closable for easy storage. Adjustable lamp.

Complete with 5 m cable and 230 V plug.

Power	W	30
4473G 8	Each	116,00

The same projector W 50 - 4750 LUMEN can be supplied on request.



Type for construction sites, free standing or to be fixed on adjustable stand Art. 4473 G 8V. High efficiency, energy saving, long-life LED-CHIP technology that ensures high brightness. For indoor and outdoor use. Minimal heating for added security. Sturdy aluminum construction with rubber seal for high impact protection.

Resistant to dust and water splashes (IP 54). Complete with 5 m cable, 220-240 V plug and switch. Projectors W 30 and W 50 with SCHUKO 230V plug.

Power	W	20	30	50
Brightness	lm	1400	2200	4700
4473G 8R	Each	127,00	168,00	230,00

Product running out of stock.

SCU

4473G 8R



IP54

CE

ADJUSTABLE SUPPORTS FOR PROJECTOR ART. 4473 G 8R

Sturdy and stable type in tubular steel with foldable tripod made of square steel profile. Adjustable from 1 to 2.5 m. Max capacity Kg 7. Complete with arm and screws for fixing the projector.

4473G 8V	Each	84,60
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SCU

4473G 8V



POWER SOCKETS

Prod. SCU

Smooth slipper type with 4 sockets bypass 10 A / 16 A. Body in plastic. With power cord, section 3x1,5 mm ^ 2, length 1.5 m. Square plug 16 A.

White colour.

4473G 9A	Each	6,16
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SCU

4473G 9A



CE

Smooth slipper type with 6 sockets bypass 10 A / 16 A. Body in plastic. With power cord, section 3x1,5 mm ^ 2, length 1.5 m. Square plug 16 A.

White colour.

4473G 9E	Each	7,14
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Product running out of stock.

SCU

4473G 9E



CE

Smooth slipper type with 6 sockets bypass 10 A / 16 A and SCHUKO with illuminated switch. Body in plastic, sockets arranged at 45 °. With power cord, section 3x1.5 mm ^ 2, length 1.5 m. Square plug 16 A.

White colour.

4473G 9L	Each	14,60
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SCU

4473G 9L



CE

Multiple socket outlet with 6 sockets bypass 10 A/16 A and SCHUKO and luminous switch. Body in sturdy synthetic material, sockets positioned at 45°. With connecting cable, section mm^2 3x1, length 1.4m. 16 A plug. Multiple socket outlet length 330mm. Colour black.

4473G 10	Each	15,90
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SCU

4473G 10



CE

Professional with power strip with 6 bipolar sockets/SCHUKO and safety switch with light. Body made of anodized aluminium, sturdy and stable. Lateral protections and eyelets for attaching. With power cable, section mm^2 3x1.5, length 3 m. The excess cable can remain rolled up in place. Length of power strip 470 mm.

4473G 12	Each	46,10
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SCU

4473G 12



CE



CABLE DRUMS

4473GA SCU



IP20



Prod. SCU

Compact and light model, in unbreakable flexible plastic.
Metal structure with carrying handle. With independent cable, SCHUKO socket and plug 16A.
Current 230 V. Red light for overheating protection.

Cable included.

Cable length	m	20
Multiple cable for sect.	mm ²	3x1
Max wound/unwound cable absorption	W	1000/1900

4473GA	Each	58,30
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When the stocks will be run out the cable section will become 3x1.5 mm², black.

4473GB SCU



IP20



Heavy professional model. In special unbreakable plastic.

Sturdy structure in steel tube with ergonomic carrying handle.

With independent cable, SCHUKO socket and plug 16A. Current 230 V. Red light for overheating protection.

Cable included.

Cable length	m	50
Multiple cable for sect.	mm ²	3x1,5
Max wound/unwound cable absorption	W	1000/3500

4473GB	Each	164,00
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4473GBE SCU



IP44



Heavy industrial model (the 33m size is provided with neoprene cable, increased cross-section for very high performances).

In special unbreakable plastic.

Sturdy structure in steel tube with ergonomic carrying handle.

With independent cable, socket and plug according to ECC standard, 3-poles (2 phases 230 V + ground) 16A. Red light for overheating protection.

Cable included.

Cable length	m	25
Multiple cable for sect.	mm ²	3x1,5
Max wound/unwound cable absorption	W	1000/3500

4473GBE	Each	117,00
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CABLE DRUMS

4473GC SCU



IP20



Prod. SCU

Cheap model, case-shaped with supporting feet, In resistant plastic material with carrying handle.
With 4 sockets dual sockets 10A/16A and SCHUKO, included on the drum rotating flange, plug 16A. Current 250 V. Red light for overheating protection.

Cable included.

Cable length	m	10
Multiple cable for sect.	mm ²	3x1,5
Max wound/unwound cable absorption	W	1000/3500

4473GC	Each	45,10
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4473GCA SCU



IP20



Cheap model, case-shaped with supporting feet, In resistant plastic material with carrying handle.
With 4 sockets dual sockets 10A/16A and SCHUKO, included on the drum rotating flange, plug 16A. Current 230 V. Red light for overheating protection.

Cable included.

Cable length	m	15
Multiple cable for sect.	mm ²	3x1,5
Max wound/unwound cable absorption	W	1800/3500

4473GCA	Each	60,90
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Compact and light model, drum in unbreakable flexible plastic.
Metal structure with carrying handle.
With 4 dual sockets 10A/16A + SCHUKO, included on the drum rotating flange, plug 16A.
Current 230 V. Red light for overheating protection.

Cable included.

Cable length	m	15
Multiple cable for sect.	mm ²	3x1,5
Max wound/unwound cable absorption	W	1000/3500
4473GD	Each	38,40

When stocks last, the same item will be supplied with the RED drum marked BAT



Heavy professional model. In special unbreakable plastic.
Sturdy structure in steel tube with ergonomic carrying handle.
With 4 sockets dual sockets 10A/16A and SCHUKO, included on the drum rotating flange, with protection caps, plug 16A.
Current 230 V. Red light for overheating protection.

Cable included.

Cable length	m	25	50
Multiple cable for sect.	mm ²	3x1,5	3x1,5
Max wound/unwound cable absorption	W	1000/3500	1000/3500
4473GE	Each	101,00	162,00



Product description as Art. 4473GE

Empty cable drum.

For cables length	m	25	50
Max wound/unwound cable absorption	W	1000/3500	1000/3500
4473GF	Each	46,80	46,80



Heavy professional model. In special unbreakable plastic.
Sturdy structure in steel tube with ergonomic carrying handle.
Provided with 4 SCHUKO sockets included on the flange, protection caps, SCHUKO plug.
Current 230 V. Red light for overheating protection.

Multi-core cable included, cross section 3x1.5mm², length 50m.

Max wound/unwound cable absorption	W	1000/3500
4473GP 50	Each	162,00



Heavy industrial model. In zinc-coated anti-rust steel.
Sturdy structure in steel tube with ergonomic carrying handle.
With 4 sockets dual sockets 10A/16A and SCHUKO, included on the drum rotating flange, with protection caps, plug 16A.
Current 230 V. Red light for overheating protection.

Cable included.

Cable length	m	25	50
Multiple cable for sect.	mm ²	3x1,5	3x1,5
Max wound/unwound cable absorption	W	1000/3500	1000/3500
4473GV	Each	112,00	179,00



**4474GB** SCU

IP44



Heavy industrial model. In special unbreakable plastic. Sturdy structure in steel tube with ergonomic carrying handle. With 1 SCHUKO socket, plug and 2 sockets according to EEC standard, with 3 poles (2 phases 230V + ground) 16 A. Red light for overheating protection and protection caps. Cable included.

Cable length	m	50
Multiple cable for sect.	mm ²	3x1,5
Max wound/unwound cable absorption	W	1000/3500
4474GB	Each	198,00

4474GC SCU

IP44



Heavy industrial model. Neoprene cable, increased cross-section for very high performances. In special unbreakable plastic. Sturdy structure in steel tube with ergonomic carrying handle. Provided with 1 SCHUKO socket, plug and 2 sockets according to EEC standard, with 3 poles (2 phases 230V + ground) 16 A. Red light for overheating protection and protection caps. Cable included.

Cable length	m	25
Multiple cable for sect.	mm ²	3x2,5
Max wound/unwound cable absorption	W	1000/3500
4474GC	Each	213,00

4474GD SCU

IP44



Heavy industrial model. In zinc-coated anti-rust steel. Sturdy structure in steel tube with ergonomic carrying handle. provided with 2 sockets and plugs according to ECC standard, with 4 poles (3 phases 400 V + ground) 16 A. Red light for overheating protection and protection caps. Cable included.

Cable length	m	25
Multiple cable for sect.	mm ²	4x2,5
Max wound/unwound cable absorption	kW	2,4/11
4474GD	Each	321,00

4474GE SCU

IP44



Heavy industrial model. In special unbreakable plastic. Sturdy structure in steel tube with ergonomic carrying handle. With 2 SCHUKO sockets, plug and socket according to EEC standard, with 5 poles (triphas 400V + ground + neutral) 16 A. Red light for overheating protection and protection caps. Cable included.

Cable length	m	30
Multiple cable for sect.	mm ²	5x1,5
Max wound/unwound cable absorption	W	2400/11000
4474GE	Each	249,00

AUTOMATIC CABLE DRUMS**4474GM** SCU**Prod. SCU**

Heavy professional model, made of sturdy plastic. Powerful spiral spring, with strong propulsion, with deactivatable spring stop device. Attachable to wall and ceiling, adjustable. Overheating protection with red LED. Complete with flexible fast sliding cable, with 16 A socket, connector cable and 16 A, 250 V plug.

Cable length	m	10	20
Connection cable length	m	1,5	1,5
Multiple cable for sect.	mm ²	3x1,5	3x1,5
Type of cable		plastic	rubber
Dimensions	mm	370x270x100	380x330x162
Max wound/unwound cable absorption	W	1200/1800	1000/2300
4474GM	Each	119,00	233,00



PORTABLE ELECTRICAL DISTRIBUTORS

Prod. SCU

Power distributor, portable, suitable for many industrial, building, etc. applications. In sturdy thermoplastic material with handy carrying lug. Provided with line connector, length 2m and cross section 3x2.5mm². No.4 sockets with safety caps and plug according to ECC standard, with 3 poles (2 phases 230 V + ground) 16 A. Magneto-thermal differential switch, automatic, monophas 230 V - 30 mA - 16 A with protection cap.

4474GR Each 263,00



INDUSTRIAL PLUGS AND OUTLETS

Prod. SCU

Power distributor, portable, suitable for many industrial, building, etc. applications. In sturdy thermoplastic material with connection cable m 5, section mm² 3x1.5. 4 sockets with protective caps and plug according to CEE standards with 3 poles (2 phases 230 V + earth) 16A. With swivel hook.

4474GS Each 93,60

Available on request same item with 10 m cable.



Conform to EN 60309-1 / 2. Suitable for use in various sectors: industrial, commercial, agricultural, construction, etc. In rugged thermoplastic material, self-extinguishing, resistant to heat and fire.

CEE plug 3-pole (2 phase 230 V + earth) 16 A.

4474GTA Each 4,56



Product description as Art. 4474GTA

CEE plug 4-pole (three-phase 400 V + earth) 16 A.

4474GTB Each 5,08



Product description as Art. 4474GTA

CEE socket, 5-pole (three-phase 400 V + neutral + earth) 16 A.

4474GTC Each 10,70



Product description as Art. 4474GTA

CEE socket, 3-pole (2 phase 230 V + earth) 16 A.

4474GTD Each 7,46



Product description as Art. 4474GTA

CEE socket 4 pole (three-phase 400 V + earth) 16 A.

4474GTE Each 8,58





4474GTF SCU

IP44



Product description as Art. 4474GTA
CEE socket 5-pole (three-phase 400 V + neutral + earth) 16 A

4474GTF Each **12,50**

4474GTG SCU

IP44



Product description as Art. 4474GTA
Distributor with 1 CEE plug 3-pin (2 phases 230 V + earth) 16 A and 2 CEE sockets with 3 poly (2-phase 230 V + earth) 16 A, with caps, IP 44.

4474GTG Each **28,80**

4474GTH SCU

IP44



Product description as Art. 4474GTA
Distributor with 1 CEE plug 3-pin (2 phases 230 V + earth) 16 A and 3 CEE sockets with 3 poly (2-phase 230 V + earth) 16 A, with caps, IP 44.

4474GTH Each **43,20**

4474GTL SCU

IP44



Product description as Art. 4474GTA
Distributor with 1 CEE plug 4-pin (3 phases 400 V + earth) 16 A and 3 CEE sockets with 3 poly (3-phase 400 V + earth) 16 A, with caps, IP 44.

4474GTL Each **61,20**

4474GTP SCU

IP44



Product description as Art. 4474GTA
Adapter with 1 CEE plug with 3 poles (2 phases 230 V + earth) 16 A and 1 bypass socket 10 A / 16 A and SCHUKO.

4474GTP Each **14,30**

4474GTR SCU

IP44



Product description as Art. 4474GTA
Adapter with 1 CEE plug with 3 poles (2 phases 230 V + earth) 16 A and 2 socket bypass 10 A / 16 A.

4474GTR Each **16,10**

11



Product description as Art. 4474GTA

Adapter with 1 CEE plug with 3 poles (2 phases 230 V + earth) 16 A and 2 bypass sockets 10 A/ 16 A, and 1 single pass 10 A and SCHUKO.

4474GTS Each **13,70**



Product description as Art. 4474GTV

Adapter with 1 single pass plug 16 A and 1 CEE socket, 3-pin (2 phases 230 V + earth) 16 A.

4474GTV Each **12,60**



Product description as Art. 4474GTZ

Adapter with 1 SCHUKO plug 16 A and 1 CEE socket, 3-pin (2 phases 230 V + earth) 16 A.

4474GTZ Each **15,20**



SMOKE DETECTORS

Prod. SCU

Photoelectric Detector, made of sturdy plastic, certified according to EN 14604. Long lasting. Automatic activation of the 3V LITHIUM battery, upon start-up. Alarm with acute beeping sound (85 dB), including mute function. Optical display of function, with test button for testing, acoustic signal when the battery is low. Compact size Ø mm 85x30h, fastener included. 10 year guarantee.

4475A Each **68,40**

For flameproof blanket see Art. 3403 E 1.



CARBON MONOXIDE DETECTORS

Prod. SCU

In sturdy plastic, with long-lasting electrochemical sensor for use in closed environments with the presence of pellet stoves. Alarm with acute beeping sound (85 dB). Optical display with LEDs, with test button for testing, acoustic signal when the battery is low. Power supply with 3 alkaline and 1.5 V batteries (Art. 3600 E), supplied. Dimensions 100x100 mm. 3 years warranty.

4475B Each **125,00**



MULTIFUNCTION DETECTORS

Prod. SCU

To detect metal bodies, electric cables under voltage (alternate current) and wooden beams in walls. Individually selectable functions. Ergonomic structure in unbreakable plastic material. Detector with large LCD display (numeric and bar indication) and acoustic signal. Automatic accuracy adjustment. Automatic switch-off after measuring. Low battery indicator. Power supply: 1 alkaline 9 V battery, not included (see Art. 3600 M).

4475GF Each **50,40**





4475GH
new

SCU



To identify in the walls objects in ferrous and non-ferrous metal, live cables and wooden beams. Ergonomic construction made of sturdy unbreakable plastic material. Detection through a large backlit LCD display with 3 lights (red - orange - green) and by acoustic signal. Automatic calibration and shutdown after 5 min. of inactivity. Battery level display. Maximum scanning depth: 80 mm for ferrous metals, 60 mm for non-ferrous metals, 50 mm for live copper conductors and 20 mm for wood. Operating temperature: -10 + 50 ° C; storage temperature: -20 + 70 ° C. Weight 0.17 Kg. Works with 1 9V alkaline battery (Art. 3600 M), supplied.

4475GH Each 135,00

HUMIDITY DETECTORS

4475GM

SCU



Prod. SCU
To detect humidity in walls, bricks, floors, concrete, plasterboard, wallpapers, woods, etc. No.2 measuring electrodes and safety cap. In sturdy synthetic material. Detector with large LCD display (resolution 0.1%) and acoustic signal (disconnectable). HOLD function for measuring even in hard-to-reach places. Automatic switch-off after ca. 3 minutes since latest measuring. Low battery indicator. Field of measurement: 5% to 50% for wood and 1,5% to 33% for building materials. Power supply: 1 alkaline 9 V battery, not included (see Art. 3600 M).

4475GM Each 50,40

4475GP

SCU



Professional moisture meter for contactless, whose operation is based on the principle of high frequency. For non-destructive measurement of the amount of moisture present in construction materials of any kind, as well as to assess the distribution of moisture inside walls, ceilings and floors. Particularly useful in preliminary assessments of the conditions of construction materials before the actual measurements of the residual moisture. Quick indication of the moisture content of the material. Humidity measurement function. Measurement and data retention (HOLD). Display function the maximum and minimum value. Alarm function. Low-battery indicator. Automatic shut-off. LCD Display with backlight. Measuring range from 0.0% to 100.0%. Resolution 0.1. Penetration depth 20/40 mm. Power supply with 3 alkaline batteries 1.5 V (AAA-model 3600 C), provided.

4475GP Each 335,00

Product running out of stock.

HUMIDITY AND TEMPERATURE DETECTORS

4475GR

SCU



Prod. SCU
Combined type to easily and exactly measure humidity and to quickly detect thermal points and points at MOLD risk, as well as for the measurement of surface and ambient temperatures. With automatic results analysis (determination of average value). Pistol shaped, in sturdy and unbreakable ABS. Infrared technology for measuring large surfaces, plus laser pointer for smaller surfaces. Reading on display with backlight. Auto power off and Data Hold function. Supply: 1 alkaline battery 9 V 6LR61 (Art. 3600 M), supplied. Distance / Ø surface ratio (D: S) = 12: 1. Moisture measuring capacity: 10-90% RH. Temperature measuring capability: -20 ° C to + 350 ° C / -4 ° F to 662 ° F with laser beam -10 ° C to + 40 ° C / + 14 ° F to + 140 ° F with environmental sensor. Resolution 0.1 ° C. Accuracy ± 1 ° C to + 10 ° C to + 30 ° C, ± 3% from -20 ° C to + 10 ° C and from 30 ° C to 200 ° C. Weight 222 g.

4475GR Each 218,00

ELECTRO ENGRAVES

4475GS
4475GT
4475GU
4475GV

SCU



Prod. SCU
To engrave, mark and incise metal, plastic materials, ceramics, glass and wood. Vibrations system. Power: 230 V, 25 W, 50 Hz, with double insulation. Cable length: 1.6m. Equipment complete with hardened steel point, Hartmetall point and coupling.

4475GS Each 64,80

Spare points in Hartmetall Art. 4475 GS.

4475GT Each 12,60

Spare diamond points to engrave glass and ceramics for Art. 4475 GS.

4475GU Each 61,20

Spare point coupling for Art. 4475 GS.

4475GV Each 4,50



Type for engraving with arc operation.

To mark all conductive metals. With 12/15 V transformer, power electric arc 40 W, AC power 220 V - 50 HZ. Supplied with base mass, 10 electrodes, plastic case for convenient transport. Constructed according to European safety standards.

SCU

CE 4475GVE



4475GVE Each 560,00

Spare electrode for engrave Art. 4475 GVE.
In unit pack of 10 pcs.

Size 1
O4475GVE Pack 35,40

AIR ENGRAVES

Prod. Pneutec - Art. UT 8608A

Industrial model, high performance, to engrave, mark and incise metals, sheet, plastic material, marble, ceramics, glass, wood and other materials with smooth surface. Vibrations system.

PNEUTEC
DRUCKLUFTWERKZEUGE

CE 4475GZ

Equipment complete with hardened steel point.

Overall length mm 140
No. of vibrations/min 20000
Air drive inch 1/4
Noise level dB 78
Vibrations m/s² < 2,5
Weight Kg 0,2

4475GZ Each 227,00



Operating pressure: Atm 6÷7.

Spare points in hardened steel for Art. 4475 GZ.

O4475GZA Each 41,60

UNIVERSAL MARKERS

Prod. SCU

High quality round chalks for whiteboards, not dusty, on calcium carbonate basis. Non-toxic, dermatologically tested. Length 80 mm. Indivisible pack: 100 pcs.

SCU

4475L

White colour.

4475L Pack 10,80



Universal wax-based type for clear marking on rough iron, steel, metal, wood, cardboard, paper, stone, cement, plastic, etc. surfaces.

Weather-proof and resistant to UV radiation. Difficult to erase.

Length 120mm. Hexagonal body 11 mm.
Pack containing approximately 12 pieces.

White colour.

4475R 1 Each 0,74

SCU

4475R 1



Product description as Art. 4475R 1

Yellow colour.

4475R 2 Each 0,74

SCU

4475R 2



Product description as Art. 4475R 1

Red colour.

4475R 3 Each 0,74

SCU

4475R 3



Product description as Art. 4475R 1

Blue colour.

4475R 4 Each 0,74

SCU

4475R 4



Product description as Art. 4475R 1

Black colour.

4475R 5 Each 0,74

SCU

4475R 5





4475T

SCU



MARKERS HOLDER

Suitable for markers Art. 4475 R 1 R 5.
Length 115 mm. With clip.
Supplied without chalks.

4475T Each 18,60

4476 1A

SCU



Universal clay-based model, resistant to tear, to write on iron, metal, wall, even wet wood, rubber, cardboard etc.

Length 120 mm. Hexagonal body 11 mm.
Consists of ca. 12 pieces box.
Red colour.

4476 1A Each 1,32

4476 2A

SCU



Product description as Art. 4476 1A
Blue colour.

4476 2A Each 1,32

4476 3A

SCU



Product description as Art. 4476 1A
Yellow colour.

4476 3A Each 1,32

4476 4A

SCU



Product description as Art. 4476 1A
White colour.

4476 4A Each 1,32

4476 5A

SCU



Product description as Art. 4476 1A
Black colour.

4476 5A Each 1,32

INDUSTRIAL MARKERS

4476 5L

SCU



Prod. SCU

Indelible with fine round tip, PROLONGED to reach difficult places. Water-based ink, to write on metal, glass, plastic, wood and cardboard.
Pack with approx. 12 pieces.
Colour black.

4476 5L Each 3,34

4476 5P

SCU



Indelible type with medium CHISEL shaped tip. Water-based ink, to write on metal, glass, plastic, wood and cardboard.

Indicative package of 12 pieces.
Red colour.

4476 5P Each 1,42

4476 5R

SCU



Product description as Art. 4476 5P
Colour: blue

4476 5R Each 1,42

4476 5T

SCU



Product description as Art. 4476 5P
Green colour.

4476 5T Each 1,42

Product description as Art. 4476 5P

Colour: black

4476 5V Each **1,42**

SCU

4476 5V



Practical and attractive cardboard counter display with explanatory function of the product and small warehouse function.

Complete with 25 markers:

- 5 pcs. red Art. 4476 5P
- 5 pcs. blue Art. 4476 5R
- 5 pcs. green Art. 4476 5T
- 10 pcs. black Art. 4476 5V.

4476 5Z Each **40,90**

SCU

4476 5Z



Indelible, with medium ball point. Water-based ink, apt for writing on metals, glass, plastic, wood and cardboard. Approx. package 12pcs.

Red colour.

4476 6A Each **1,42**

SCU

4476 6A



Product description as Art. 4476 6A

Blue colour.

4476 7A Each **1,42**

SCU

4476 7A



Indelible, with medium ball point. Water-based ink, apt for writing on metals, glass, plastic, wood and cardboard. Approx. package 12pcs.

Green colour.

4476 8A Each **1,42**

SCU

4476 8A



Product description as Art. 4476 8A

Black colour.

4476 9A Each **1,42**

SCU

4476 9A



Practical and attractive cardboard counter display with explanatory function of the product and small warehouse function.

Complete with 25 markers:

- 5 pcs. red Art. 4476 6A
- 5 pcs. blue Art. 4476 7A
- 5 pcs. green Art. 4476 8A
- 10 pcs. black Art. 4476 9A.

4476 9B Each **40,90**

SCU

4476 9B



STEP type, indelible, round fine end. Water-based ink, to write on metal, glass, plastic, wood and cardboard. Indicative package of 12 pieces.

Red colour.

4476 9E Each **2,70**

SCU

4476 9E



Product description as Art. 4476 9E

Colour black.

4476 9L Each **2,70**

SCU

4476 9L



**4476 10** SCU

Stick model with big ball-point. Solid lead-free paint, resistant to water and UV beams. Apt for any kind of cold surface, including greased or rusted ones.

White colour.

4476 10 Each 2,00

4476 11 SCUProduct description as Art. 4476 10
Yellow colour.

4476 11 Each 2,00

4476 12 SCUProduct description as Art. 4476 10
Red colour.

4476 12 Each 2,00

4476 13 SCUProduct description as Art. 4476 10
Blue colour.

4476 13 Each 2,00

4476 14 SCUProduct description as Art. 4476 10
Black colour.

4476 14 Each 2,00

4476 14A SCU

MINI stick model with rotating tip of plastic body, for progress of the paint, with small round tip and top with clip. Solid paint without xylene and 2-butoxyethanol, resistant to water and to UV rays. Clearly visible mark with drying time between 5 and 7 minutes. To mark smooth and rough metal, plastic, concrete and stone, rubber, glass, cardboard, wood, etc., temperature between -18°C and 200°C.

White colour.

4476 14A Each 4,24

4476 14B SCUProduct description as Art. 4476 14A
Yellow colour.

4476 14B Each 4,24

4476 14E SCUProduct description as Art. 4476 14A
Red colour.

4476 14E Each 4,24

4476 14F SCUProduct description as Art. 4476 14A
Colour black.

4476 14F Each 4,24

4476 14L SCU

Type MAXI stick with the rotating ends of the body in plastic, for the advancement of the paint, with a big tip and a clip cap. Solid paint without xylene and 2-butoxyethanol, water and UV rays resistant. Clearly visible mark with drying time between 5 and 7 minutes. For marking on smooth and rough metal, plastic, concrete and stone, rubber, glass, cardboard, wood, etc., Between -18 ° C and 200 ° C temperature.

White colour.

4476 14L Each 6,76

4476 14M SCUProduct description as Art. 4476 14L
Yellow colour.

4476 14M Each 6,76



Product description as Art. 4476 14L

Red colour.

4476 14P Each **6,76**

SCU

4476 14P



Product description as Art. 4476 14L

Colour black.

4476 14R Each **6,76**

SCU

4476 14R



Felt-tip with acrylic point 2x4mm, with clip. Indelible matt paint, resistant to water and UV beams, xylene free, low halogen und sulfur values. Apt for smooth and clean surfaces of metal, plastic, rubber, glass, cardboard, wood, etc.

White colour.

4476 15 Each **4,22**

SCU

4476 15



Product description as Art. 4476 15

Yellow colour.

4476 16 Each **4,22**

SCU

4476 16



Product description as Art. 4476 15

Red colour.

4476 17 Each **4,22**

SCU

4476 17



Product description as Art. 4476 15

Blue colour.

4476 18 Each **4,22**

SCU

4476 18



Product description as Art. 4476 15

Black colour.

4476 19 Each **4,22**

SCU

4476 19



Product description as Art. 4476 15

Green colour.

4476 19A Each **4,22**

SCU

4476 19A



Product description as Art. 4476 15

Fluorescent orange colour.

4476 19R Each **4,52**

SCU

4476 19R



Product description as Art. 4476 15

Fluorescent pink colour.

4476 19S Each **4,52**

SCU

4476 19S



Product description as Art. 4476 15

Light fluorescent green colour.

4476 19T Each **4,52**

SCU

4476 19T



**4476 19Z** SCU

Practical and attractive cardboard counter display with explanatory function of the product and small warehouse function.

Complete with 32 markers
 10 pcs. white Art. 4476 15
 8 pcs. yellow Art. 4476 16
 2 pcs. red Art. 17 4476
 2 pcs. blue Art. 4476 18
 2 pcs. black Art. 4476 19
 2 pcs. green Art. 4476 19A
 2 pcs. fluo orange Art. 4476 19R
 2 pcs. fluorescent pink Art. 4476 19S
 2 pcs. fluorescent light green Art. 4476 19T

4476 19Z Each **151,00**

4476 20A SCU

Felt-tip with acrylic point 2x4mm, with clip. High adhesion paint, matt, indelible, resistant to water and UV beams, xylene free, low halogen und sulfur values. Apt also for wrinkled, oily, wet or painted surfaces of metal, plastic, rubber, glass, cardboard, wood, etc.

White colour.

4476 20A Each **4,28**

4476 20B SCU

Product description as Art. 4476 20A
 Yellow colour.

4476 20B Each **4,28**

4476 20C SCU

Product description as Art. 4476 20A
 Red colour.

4476 20C Each **4,28**

4476 20E SCU

Product description as Art. 4476 20A
 Blue colour.

4476 20E Each **4,28**

4476 20F SCU

Product description as Art. 4476 20A
 Black colour.

4476 20F Each **4,28**

4476 20G SCU

Product description as Art. 4476 20A
 Green colour.

4476 20G Each **4,28**

4476 20Z SCU

Practical and attractive cardboard counter display with explanatory function of the product and small warehouse function.

Complete with 32 markers
 12 pcs. white Art. 4476 20A
 8 pcs. yellow Art. 4476 20B
 3 pcs. red Art. 4476 20C
 3 pcs. blue Art. 4476 20E
 3 pcs. black Art. 4476 20F
 3 pcs. green Art. 4476 20G

4476 20Z Each **153,00**



Tube model with 3mm ball-point, in hardened steel. Indelible matt paint, free from lead and harmful solvents. Resistant to temperatures up to + 200 °C. Apt for any kind of metal surface, including oily, wet or rusted ones.

White colour.

4476 22 Each **3,86**



Product description as Art. 4476 22

Yellow colour.

4476 23 Each **3,86**



Product description as Art. 4476 22

Red colour.

4476 24 Each **3,86**



Product description as Art. 4476 22

Blue colour.

4476 25 Each **3,86**



Product description as Art. 4476 22

Green colour.

4476 26 Each **3,86**



Product description as Art. 4476 22

Black colour.

4476 27 Each **3,86**



Tube model with 3mm ball-point, in hardened steel. Indelible matt paint, free from lead and harmful solvents. Resistant to temperatures up to + 200 °C. Particularly indicated for any kind of stainless steel.

White colour.

4476 30 Each **5,18**



Product description as Art. 4476 30

Yellow colour.

4476 31 Each **5,18**



Product description as Art. 4476 30

Red colour.

4476 32 Each **5,18**



Product description as Art. 4476 30

Blue colour.

4476 33 Each **5,18**



Product description as Art. 4476 30

Black colour.

4476 35 Each **5,18**



GRAPHITE MINE type, INTERCHANGEABLE, with METAL body, mine feed button and clip. 45 mm long tip, ideal for deep markings even in holes. Mine sharpener inserted into the feed button. Loading of mines from the back after removing the button cap. Ø 2,8 mm mines in graphite or colored for marking on any type of surface (smooth, rough, oily, humid, dusty, etc.) and material (steel, stone, tile, ceramic, wood, glass, plastic etc.).
Supplied with 1 graphite mine.

4476A 1 Each **15,70**



**4476A 2** SCU

Practical package containing 6 spare mines Art. 4476A 1. Colour: graphite.

4476A 2 Pack **5,90****4476A 3** SCU

Practical package containing 6 spare mines Art. 4476A 1. :

2 pcs. graphite

2 pcs. red

2 pcs. yellow.

The colored mines are supplied not sharpened and can be sharpened using the mine sharpener inserted into the feed button.

4476A 3 Pack **5,90****SOUND LEVEL METERS****4476AB** SCU**Prod. SCU**

For measuring the sound level in various environments such as factories, workshops, warehouses, offices, schools, noise control of machine tools, engines, air conditioning systems, ventilation and to check the acoustics in the recording studios, concert halls and Hi-Fi equipment. With integrated compressor. Produced according to IEC 651 requirements with precision class 2. Measuring range: from 30 dB to 130 dB.

Frequency: from 31.5 Hz to 8 KHz

accuracy: ± 1.5 dB under reference conditions.

Response time: FAST (125 ms), SLOW (1 sec).

Calibration check: incorporated.

"OVER" indicator for measuring out-of-range values.

Data retention and maximum value detection. AD/DC analogue output for connecting to an Analyzer or a recorder. Large LCD display with digit height 4 mm 16. 0.1 dB resolution.

Dimensions 245x64x31. Weight 255 lbs. 1 alkaline battery power supply 9 V (art. 3600 M),

provided. Autonomy of approx 50 hours. In carrying case for convenient and safe transportation.

4476AB Each **267,00****DIGITAL THERMO-ANEMOMETERS****4476AE** SCU**Prod. SCU**

To measure simultaneously the temperature and air velocity through separate fan sensor. Suitable for different industrial sectors, civil, naval, etc.

5 measurement ranges of air velocity:

0,0 a 45,0 m/s - resolution 0,1

0,0 to 140,0 km/h - resolution 0,1

0,0 to 100,0 mph

0,0 to 88,0 knots - resolution 0,1

0 to 8800 ft/min - resolution 10

Precision: $\pm 2\%$

2 temperature fields:

-50° C to 70° C - resolution 0,1 - precision $\pm 5\%$ from -50° C to 0° C / $\pm 1\%$ from 0° C to 70° C-58 ° F to 158 ° F - resolution 0,1 - precision $\pm 5\%$ from -58 ° F to 32 ° F / $\pm 1\%$ from 32 ° F to 158 ° F.

Large display, data retention keys (HOLD), units of measure conversion keys, display keys MAX/

MIN (AVG/MAX/MIN) values. Low battery indicator. Powered by 3 alkaline batteries 1.5V AAA

(Art. 3600 C), supplied. Dimensions 170x85x40. Weight 250 Kg.

4476AE Each **145,00****INFRARED AND LASER DIGITAL THERMOMETERS****4476AP** SCU**Prod. SCU**

Practical and light gun-shaped model, made of sturdy unbreakable ABS to detect the exact surface temperature, CONTACTLESS.

Infra-red measurements of larger areas, plus a laser pointer for smaller surfaces.

Reading on display with backlight.

Automatic shut-down and Data Hold function.

Operated by 2 x 1.5 AAA alkaline batteries (Art. SCU 3600 C), supplied.

Suitable in the automotive, mechanical and food industries, for use on plastic, in typography, when laying asphalt, when installing air-conditioning units, etc.

Ratio distance/surface \emptyset (D: S) = 12: 1 (Ex. 1200 mm distance/surface \emptyset 100 mm).

Measuring capacity: from -50° C to + 550° C / -58° F to + 1022° F.

Resolution: 0.1° C / 1° F. Accuracy: $\pm 2°$ C ($\pm 3.6°$ F).

Weight 150 g.

4476AP Each **94,40**



Gun model, handy and light, dual component material, for sensing the exact surface temperature, WITHOUT CONTACT.

Infrared beams for measuring wider surfaces; laser beam pointer for smaller surfaces.

Reading on back-illuminated display.

Automatic switch-off with discharged battery indication.

Power: included 1 alkaline 9 V battery (Art. 3600 M).

Indicated for: automotive sector, mechanics, food industry, working of plastic, typography, asphalt laying, air-conditioning installation, etc.

Distance/ Ø surface ratio (D:S) = 8:1 (Ex. distance 1250mm/Ø surface 125mm).

Measuring capacity ranging from -50°C to + 550°C/ -58°F to + 1022°F.

Resolution: 0.1°C up to 200°C, 1°C to 200°C. Precision: ± 5°C (up to -20°C)/± 2% of reading ±2°C (up to 550°C).

Weight 180 g.

4476B Each **254,00**



Product description as Art. 4476B

Distance/Ø surface ratio(D:S) = 16:1 (e.g. distance 1500mm/Ø surface 93.75mm).

Measuring range: -50°C to + 750°C/ -58°F to + 1382°F.

Resolution: 0.1°C up to 200°C, 1°C to 200°C. Accuracy: ± 5°C (up to -20°C)/± 1.5% of reading ±2°C (up to 200°C)/± 2% of reading ±2°C (up to 538°C)/± 3,5% of reading ±5°C (up to 750°C).

Weight: 290g.

4476F Each **346,00**

Product running out of stock.



Combined type to detect the exact surface temperature, WITHOUT CONTACT, or with the appropriate K-mount probes (Art. 4476 GH to 4476 GS), to detect temperatures WITH CONTACT, PENETRATION, DIVE, etc. Gun shape in sturdy and unbreakable ABS.

Infrared for larger surface measurements, plus laser beam pointer for smaller surfaces.

Reading on display with backlighting.

Auto power-off and Data Hold function.

Built-in LED bulb.

Min / max value indicator as an alarm function.

Suited for the automotive, mechanical, electrical, food, plastics processing, printing and printing industries, in asphalt works, in the installation of air conditioning systems, etc.

Power supply: 2 AAA 1.5V alkaline batteries (Item 3600 C), supplied.

Ratio distance/surface Ø (D: S) = 12: 1 (Ex. 1200 mm distance/surface Ø 100 mm).

Measuring capacity WITHOUT CONTACT: -60 ° C to + 500 ° C / -76 ° F to + 932 ° F.

Measuring capacity with K PROBE ATTACK : -64 ° C to + 1400 ° C / -82.3 ° F to + 1999 ° F.

Resolution: 0.1 ° C / 1 ° F.

with infrared Accuracy: ± 2 ° C or ± 2% on the higher value.

Accuracy probes K: ± 1 ° C or ± 1% on the more' high.

Weight 222 g.

With 1 K probe attack for temperatures from -50 ° C to + 200 ° C.

4476FE Each **171,00**



Product description as Art. 4476FE

Power supply: 1 9 V alkaline battery (Art. 3600 M), supplied.

Distance / surface ratio (D: S) = to 30: 1 (Eg. distance mm 3000 / surface diameter 100 mm).

Measurement capabilities WITHOUT CONTACT: -50 ° C to + 760 ° C / -58 F to + 1400 F.

Measurement capability with K-DRIVE PROBES: -50 ° C to + 1400 ° C / -58 F to + 2552 F.

Resolution: 0.1 ° C / 1 F.

Accuracy with infrared: ± 2 ° C or ± 1.5% (0-400 ° C) / ± 2 ° C ± 2% (400-760 ° C)

Accuracy with K probes: ± 3 ° C or ± 1.5%

Weight g 275

With 1 K-probe, for temperatures from -50 ° C to + 200 ° C.

4476FT Each **346,00**



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ELECTRONIC DIGITAL THERMOMETERS

4476GC

SCU



Prod. SCU

Professional model for measuring the exact surface temperature. Measurement without contact (ideal distance 40mm). Reading on display, automatic switch-off with battery charge indicator. Measuring capacity range: -30 °C to +300 °C.

Resolution: -30 °C to +99,9 °C : 0,1 K.

Resolution: +100 °C to +300 °C : 1 K.

Precision:

± 3 °C from -30 °C to -10 °C

± 2 °C from -9 °C to +20 °C

± 1 °C from +21 °C to +40 °C

± 1,5 °C from +41 °C to +100 °C

± 2 °C from +101 °C to +200 °C

± 3 °C from +201 °C to +300 °C

Power: 1 alkaline 9V battery (Art. 3600 M). Dimensions: 180x52mm.

Indicated for controlling production and processes, in the techniques for refrigeration, conditioning, heating or aeration, in electronics and electrotechnics.



4476GC Each 309,00

Product running out of stock.

4476GCP

SCU



Handy and light model with 1 fixed probe for measuring by contact the exact temperature of surfaces and liquids. With protection cap, lanyard and clip. It also senses the environmental temperature. Reading on 4-digit display, automatic shut-off. On/off button (ON/OFF), reading memory button (HOLD) and conversion button °C/° f. Probe length 80 mm. Measurement functions:

for contact temperature -50° C +300° C/ -58° F to 572° f.

Accuracy: ± 1° C/° f.

Power supply: 1 alkaline battery model LR 44 1.5 V (from Art. SCU to 3600), supplied.

Particularly suitable in the automotive industry for checking the temperature of liquids, oil, etc. and mechanical, chemical, electrical, electronic, office clerk, plumbing and heating, food, etc.



4476GCP Each 24,10

4476GDA

SCU



Practical and light with model 1 probe sets applied to detect the exact surface and liquid temperature by contact. Reading on 4-digit display, automatic shut-off. On/off button (ON/OFF), reading memory button (HOLD) and conversion button °C/° f. Probe length 140 mm.

Measurement functions:

for contact temperature -50° C +300° C/ -58° F to 572° f.

accuracy: ± 1° C/° f.

power supply: 1 alkaline battery with model LR 44 1.5 V (from Art. SCU to 3600 A), supplied.

Particularly suitable in the automotive industry for checking the temperature of liquids, oil, etc. and mechanical, chemical, electrical, electronic, plumbing and heating, food, etc.



4476GDA Each 32,20

4476GDL

SCU



Waterproof type with the possibility to set alert temperatures; practical and light with 1 fixed probe for measuring by contact the exact temperature of surfaces and liquids. On / off buttons, "+" and "-" buttons for alert temperatures, alert buzzer. Probe length 145 mm

Measuring capacity:

for contact temperatures from -50 ° C to +300 ° C.

Accuracy: ± 1 ° C

Power supply: 1 alkaline battery type LR44 1 , 5 V (Art. 3600 SCU a), supplied.

Particularly suitable in the automotive industry for checking the temperature of liquids, oil, etc. and mechanical, chemical, electrical, electronic, office clerk, plumbing and heating, food, etc.



4476GDL Each 27,80

4476GDP

SCU



Practical, lightweight, easy to handle, easy to use, accurate for measuring temperatures in Celsius (° C) and Fahrenheit (° F) degrees; probe connected with a wire. Readings on large 3-digit display , auto power off. Possibility to read real-time temperature (H / T button), maximum and minimum measured temperatures (MAX / MIN button); possibility to manage a range of temperatures, with buzzer by exceeding the upper and lower value (HIAL and LOAL keys); on / off button; conversion Celsius / Fahrenheit degrees (button ° C / ° F).

Measuring capacity from -50 ° C to +300 ° C / -58 ° F to 572 ° F

Resolution: ± 0.1 ° C

Accuracy: ± 1 ° C

Power supply: 1 alkaline battery type LR44 1.5 V (Art. SCU 3600 A), supplied.

Particularly suitable in the automotive industry for checking the temperature of liquids, oil, etc. and mechanical, chemical, electrical, electronic, office clerk, plumbing and heating, food, etc.

Possibility to lay the tool on a worktop by means of closable bracket.



4476GDP Each 55,90



Professional model for measuring temperature in Celsius grades (°C) and Fahrenheit grades (°F), with interchangeable probes "K" joint. Reading on 4-digits display, automatic polarity and battery charge indicator. Measuring capacity range: -50 °C to +1300 °C / -58 °F to +2000 °F. Resolution: 1 °C.

Accuracy: 0.75% +1 °C / 0.75% +2 °F.
 Power: included 1 alkaline 9 V battery (Art. 3600 M).
 Possibility to use 2 probes simultaneously (T1 and T2 entry) Art. 4476 GH with independent reading of the 2 values. Reading memory.
 With 2 probes Art. 4476 GH.

4476GE Each **251,00**

SCU

CE 4476GE



ACCESSORY AND SPARE PROBES - "K" JOINT
 Thermocouple probe for measuring range -40 °C to + 250 °C. Universal use.

4476GH Each **36,60**

SCU

4476GH



ACCESSORY AND SPARE PROBES - "K" JOINT
 Thermocouple probe for measuring range -40 °C to + 900 °C, point diameter 3.2mm. Working length 175mm. To be used by penetration or immersion.

4476GL Each **148,00**

SCU

4476GL



ACCESSORY AND SPARE PROBES - "K" JOINT
 Thermocouple probe for measuring range -200 °C to + 1200 °C, point diameter 8mm. Working length 120mm. To be used by penetration or immersion.

4476GP Each **223,00**

SCU

4476GP



ACCESSORY AND SPARE PROBES - "K" JOINT
 Thermocouple probe for measuring range -40 °C to + 400 °C. Sensor diameter 15mm. To be used on flat surfaces.

4476GR Each **340,00**

SCU

4476GR

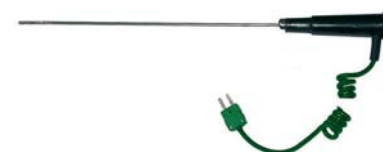


ACCESSORY AND SPARE PROBES - "K" JOINT
 Thermocouple probe for measuring range -40 °C to + 250 °C. Diameter 3mm, working length 245mm. For measuring air temperature.

4476GS Each **377,00**

SCU

4476GS



DIGITAL HYGROMETERS AND THERMOMETERS

Prod. SCU
 Professional model, combined for sensing air relative humidity (%) and measuring the temperature in Celsius grades (°C) or Fahrenheit grades (°F). Particularly indicated for checking conditioning systems, seasoning rooms, dryers, greenhouses, etc. One probe for measuring both humidity and temperature, diameter 15mm, length 208mm. Reading on 4-digits display.
 Measuring capacity range: of humidity from ±0% to 100%, of temperature from -20 °C to +60 °C / from -4 °F to +140 °F.
 Resolution: humidity 0.1%, temperature 0.1 °C / 0.1 °F.
 Accuracy: humidity ±3% of the reading +1%, temperature ±0,7 °C ±1,4 °F.
 Reading memory (Hold).
 Power: with included one alkaline 9V battery (Art. 3600 M) + adaptor/transformer for connection to 240V network.
 Complete with connecting cable for RS232C computer and SOFTWARE disk.

4476GT Each **476,00**

Product running out of stock.

SCU

CE 4476GT



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**4476GTA** SCU
new

Professional model, combined for sensing air relative humidity (%) and measuring the temperature in Celsius grades (°C) or Fahrenheit grades (°F). Particularly indicated for checking conditioning systems, seasoning rooms, dryers, greenhouses, etc. One probe for measuring both humidity and temperature, diameter 15mm, length 160mm and K-type thermocouple probe for universal use.

Reading on 4-digit display.

Measurement capability: humidity from 5% to 98%; temperature from -20 °C to + 199.9 °C / -4 °F to +199.9 °F with max resolution 0.1 °C / °F and -20 °C to + 1000 °C / -4 °F to 1832 °F with max resolution 1 °C / °F.

Resolution max. humidity 0.1%.

Accuracy: humidity ± 3.5% RH, temperature ± 3.0% of reading + 4 °C%, +7 °F.

Reading memory (Hold function). MAX function to measure the maximum humidity / temperature measured.

Auto power off. Battery level indicator.

Power: 1 x 9V alkaline battery (Art. 3600M), supplied.

4476GTA Each **274,00**

REFRACTOMETERS**4478**

SCU

**Prod. SCU**

Analog professional combined model to check and measure the concentration of cooling agents and lubricants of machine tools.

Also useful to check the cooling fluid concentration point.

With automatic ambient temperature compensation system.

Measuring range from 0 to 32% (Brix method), increments 0.2%. In a box.

4478 Each **160,00**

4478A

SCU



Combined professional analogue type for checking the solidification point of antifreeze liquid, cleaning liquid (eg. washer fluid), the concentration of the battery fluid and the AdBlue. With automatic ambient temperature compensation system.

Measuring capacity:

Propylene and Ethylene Glycol - 50 to 0°

Cleaning fluid - 40 to 0°.

Battery fluid concentration level 1.30 ÷ 1.15.

Boxed.

4478A Each **158,00**

4478E

SCU



Professional analog type for the control and the measurement of the urea concentration. With automatic ambient temperature compensation system.

Measuring capacity from 0 to 40%.

Division 0.2%.

In case.

4478E Each **186,00**

4478P

SCU



Combined professional digital type, easy to use and very precise in the control of the freezing point of antifreeze and liquid cleaning solutions (eg. washer fluid), as well as for the detection of urea concentration. With automatic ambient temperature compensation system. Operated by 2 alkaline batteries 1.5 V AAA (Art. 3600 C), supplied.

Measuring capacity: Propylene Glycol and Ethylene from -50 °C to 0 °C (accuracy ± 0.5 °C);

Urea 0 to 40% (accuracy ± 0.2%); Cleaning liquid from -40 °C to 0 °C (accuracy ± 0.5 °C).

Division 0.1 °C - 0.1%. Low battery indicator.

In case.

4478P Each **741,00**

MULTIMETERS**4479A**
new

SCU

**Prod. SCU**

Analog professional type, class 2.

With diode and transistor test; continuity test with acoustic signal; voltage test, LED test and battery test (1.5V and 9V).

Voltage / direct current: flow rate 100 mV at 1000 V / 50 µA at 5 A.

Voltage / alternate current: range 10 V at 750 V / 250 µA at 2.5 A.

Resistance: 0 ohm range at 10 Mohm

Resistance (Low Ohm): range 0 to 500 ohms

Power supply: 1 9 V alkaline battery (Art. 3600 M), supplied.

With 2 pointers, Low ohm U-bolt-shaped type, with spare fuse. Shockproof double bottom case and handle for positioning the tool at 45 ° on the worktop.

4479A Each **234,00**



Analogue digital ergonomic model.
 For electrotechnicians.
 Switch for selecting functions and measurements.
 Voltage/direct current: capacity 200mV to 600 V / 200 µA to 10 A.
 Voltage/alternate current: capacity 200 mV to 600 V / 200 µA to 10 A.
 Resistance: capacity 200 ohm to 20 M ohm (Battery test: 1.5 V and 9 V).
 Power: with included one alkaline 9V battery (Art. 3600 M).
 With 2 pointers.

4479G Each **125,00**

Pair replacement tip for Art. 4479 G - 4479 GE - 4480 G - 4480 GB - 4480 GD - 4480 GE - 4480 GP - 4480 GV - 4481 G - 4481 GB - 4481 GC - 4481 GD - 4481 GDE - 4481GL - 4482 DL.

OP4479GE Per pair **21,20**



Electronic digital model. For electrotechnicians.
 Switch for selecting functions and measurements.
 Automatic polarity. Reading on display. Battery charge indicator.
 With test: diodes, transistors and continuity with buzzer.
 Voltage / direct current: flow rate 200 mV at 1000 V / 200 µA at 10 A.
 Voltage / alternating current: flow rate 200 mV at 750 V / 200 µA at 10 A.
 Resistance: 200 ohm range at 20 Mohm.
 Power supply: 2 x 1.5 V alkaline batteries (Art. 3600 C), supplied.
 With 2 pointers.

4479GE Each **58,50**



Electronic digital model, compact and light.
 For electrotechnicians.
 Switch for selecting functions and measurements.
 TEMPERATURE MEASUREMENT by K probes, Art. 4476 GH, supplied.
 (For other probes see Art. 4476 GL to 4476 GS).
 Automatic polarity. Reading on display. Battery charge indicator.
 Voltage/direct current: capacity 400 mV to 1000 V / 400 µA to 10 A.
 Voltage/alternate current: capacity 4 V to 750 V / 400 µA to 10 A.
 Resistance: capacity 400 ohm to 40 M ohm.
 Frequency: capacity 100 Hz to 30 MHz.
 Temperature: from -40°C to +1000°C.
 Power: 2 alkaline 1.5 V batteries (Art. 3600 C), supplied.
 Automatic switch-off for battery saving.
 With 2 pointers and thermocouple probe Art. 4476 GH.

4480G Each **84,10**



Electronic digital/analogue model, multifunctions.
 For electrotechnicians.
 Switch for selecting functions and measurements, safety input jack. TEMPERATURE MEASUREMENT using the supplied probe.
 Automatic polarity. Reading on a large backlit display.
 Battery charge indicator. With diode test and continuity test with buzzer.
 Automatic switch off.
 Voltage/direct current: capacity 400 mV to 1000 V / 400 µA to 10 A.
 Voltage/alternate current: capacity 4 V to 750 V / 400 µA to 10 A.
 Resistance: capacity 400 ohm to 40 M ohm.
 Frequency: Range 4 Hz to 10 MHz.
 Temperature detection from -20 ° C to + 1300 ° C.
 Power supply: 2 x 1.5V alkaline batteries type "AAA" (Art. 3600 C), supplied.
 With 2 pointers and thermocouple probe.

4480GB Each **128,00**



**4480GD** SCU

Multifunctional digital electronic type, for professional electricians.
Switch for electing functions and actions, WITH SAFETY SYSTEM ON INPUT SOCKETS.
MEASUREMENT OF TEMPERATURE through supplied probe.
Automatic polarity. Reading on large backlit display.
With diode test and continuity test with buzzer.
Voltage / DC: flow rate 200 mV to 600 V / 2 mA to 10 A
Voltage / AC: 2 V to reach 600 V / 2 mA to 10 a
Resistance: capacity 200 ohm to 20 Mohm.
Frequency range 0 kHz to 20 kHz.
Temperature measurement from -20 ° C to + 1000 ° C.
Operated by 1 9V alkaline battery (Art. 3600 M), supplied.

With 2 pointers and thermocouple probe.

4480GD Each **119,00**

Adapter to be used with "K" connection thermocouple probes, Art. SCU 4476 GH to 4476 GS with multimeter Art. 4480 GD.

O4480GD Each **10,60**

4480GE SCU

Electronic digital/analogue model, multifunctions, for electrotechnicians.
Switch for selecting functions and measurements. True-RMS meter. TEMPERATURE MEASUREMENT by K probes, Art. 4476 GH, supplied. (For other probes see Art. 4476 GL to 4476 GS).

Automatic polarity. Reading on display and bar scale.
Voltage/direct current: capacity 50 mV to 1000 V / 500 µA to 20 A.
Voltage/alternate current: capacity 50 mV to 1000 V / 500 µA to 10 A.
Resistance: capacity 50 ohm to 50 M ohm.
Frequency: capacity 5 kHz to 125 kHz.
Relative measurements. Data inserting in memory.
Measurable temperatures from -50 ° C to +1000 ° C.
Power: with included one alkaline 9V battery (Art. 3600 M), supplied.
Interface for PC: RS 232.

With 2 pointers and thermocouple probe Art. 4476 GH.

4480GE Each **340,00**

LAN-TESTERS AND MULTIMETERS**4480GP** SCU

Prod. SCU
Electronic digital model for LAN network and multimeter function test con portata automatica.
Switch for selecting functions and measurements Automatic polarity. Reading on display of multimeter functions. LED displays the real pin configuration of 10BASE-T and 10BASE-2 Thin Ethernet, FJ45/RJ11 modular, 58A, tia-568a/568b and Token Ring cables (ring network).
Provides easy to read continuity and fault status display. Checks for continuity, open wire, ground wire, shorted pair and crossed pair faults. Auto or manual scanning for LAN testing.
Test diode.
Discharged battery indication.
Voltage/direct current: capacity 200 mV to 600 V/ 200,0 µA to 200,0 mA
Voltage/alternate current 50-60 Hz: capacity 2.000 V to 20.00 V - 200.0 V to 600 V/200.0 µA to 200.0 mA
Resistance: capacity 200.0 ohm to 20.00 Mohm
Power supply: 1 9V alkaline battery (Art. 3600 M) and 2 alkaline batteries 1.5 V "AAA" (Art. 3600 C), supplied.

With pointer couple, LAN test cable, 2 x female cables BNC-RS 45 and double male adapter BNC.

4480GP Each **165,00**



DIGITAL MULTIMETERS WITH TACHOMETERS

Prod. SCU

Digital electronic model with double function, with the ability to measure current (multimeter) and catch the speed (speedometer).

Selection of the functions of the measures through the switch.

DC: 4/40/400/700 V / 40 mA - 20 A

AC: 400 mV - 4/40/400/1000 V / 40 mA - 20 A

Resistance: 400 ohm - 4/40/400 Kohm - 4/40 Mohm

Capacity: 40/400 nF - 4/40/100 µF

Frequency: 5/50/500 Hz - 50/500 - 10 MHz

Duty Cycle: 0,1 - 99,9%

Pulse amplitude: 1 - 10 ms

Diode test: current test 0,3 mA.

Continuity: 1500 ohm-BIE test < 0,3 mA

RPM 4 600 - 4000 RPM

RPM 4 600 - 12000 RPM (x 10 RPM)

RPM 2/DIS 300 - 4000 RPM

RPM 2/DIS 300 - 6000 RPM

Power: included 1 alkaline 9 V battery (see Art. 3600 M)

Auto-off for battery saving.

Reading on high-contrast display 4 digit, back-illuminated.

Complete with tips and inductive clamp torque.

4480GV Each 252,00



4480GV



CURRENT TESTERS

Prod. SCU

Electronic digital multi-function model with reading on 3-digit display.

To measure alternate current, alternate voltage, DC voltage, resistances, temperatures.

With diode test and continuity test with buzzer.

Continuous voltage: 20 V at 600 V.

Voltage / alternate current: 600 V / 20 A at 600 A

Resistance: 2000 ohms

Temperature: -20 ° C to + 1000 ° C

Power supply: 1 type 9 V alkaline battery (Art. 3600 M), supplied.

With 2 pointers and thermocouple probe Art. 4476 GH

(For other probes see Art. 4476 GL to Art. 4476 GS).

4481GA Each 139,00



4481GA
new



Electronic digital model, multifunctions, with display.

Automatic switch-off. Battery charge indicator.

With diode test and continuity test with buzzer.

Continuous voltage: 200mV to 600 V

Alternate voltage/current: 200mV to 600 V / 20.00 to 1000 A.

Resistance: 20 Mohm.

Power: included 2 alkaline 1,5 V batteries AAA type (Art. 3600 C).

Max opening 30mm.

With 2 pointers.

4481GB Each 187,00



4481GB



Electronic digital model, multifunction, with display.

Senses the true Root Mean Square (RMS). Automatic switch-off. Back-lit.

With diode test and continuity test with buzzer. Working cycle from 1% to 99%.

Continuous and alternate voltage: 400 mV -1000 V e 400 mV - 700 V.

Direct and alternate current: 40 A to 1000 A.

Inrush current for times > 80 mS RMS.

Resistance: 400 ohm to 40 Mohm.

Frequency: 40 Hz - 100 kHz.

Temperature: -40 ° C to 1000 ° C / 58 ° F to 1832 ° F.

Power: included 1 alkaline 9 V battery (Art. 3600 C). Max. aperture 55mm.

With 2 pointers and thermocouple probe.

4481GC Each 358,00



4481GC





4481GD

SCU



Digital electronic model, multifunctional, with reading on the display.
True RMS detection (True RMS). Low battery indicator.
Direct and alternating voltage up to 600 v.
direct and alternating current up to 400 a.
Resistance up to 40 Mohm.
Frequency up to 1 MHz.
Automatic selection of the best resolution. Continuity testing. Testing diodes. Peak function. "Data HOLD" function.
Power: with included 1 9V alkaline battery (Art. 3600 M). Opening 32 mm max.
With 2 pointers.

4481GD Each 299,00

4481GDE

SCU



Electronic digital model, multifunctional, with reading on the display.
Detects the true effective value (True RMS).
DC and AC voltage: 600 mV to 600 V.
DC and AC: 60 A to 600 A.
Resistance: 600 Ohm to 60 Mohm.
Frequency: 600 Hz to 10 kHz.
Manual or automatic selection of the best resolution. Continuity testing. Testing diodes. "Data HOLD" function.
Power supply: 3 1.5 V alkaline batteries, AAA type (Art. 3600 C), supplied. Cat. III 600 V.
With 2 pointers.

4481GDE Each 231,00

SET OF MULTIMETERS AND AMPEROMETRIC PLIERS

4481GEM

new

SCU



Prod. SCU

Practical set of 1 multimeter Art. 4479 A and 1 clamp meter Art. 4481 GA. In a sturdy plastic case with polyurethane foam inserts for maximum protection of the tools.

4481GEM Each 471,00

INSULATION - MEASURERS

4481GF

new

SCU



Prod. SCU

Electronic digital type with multifunctions, with reading of backlit display, for the measurement of insulation resistance of electrical equipment, switches, cables, motors, generators with test voltage 250 V, 500 V, 1000 V.

Additional functions selectable by switch: resistance measurements, continuity test, voltage measurement in direct current (DC) and alternate current (AC) and equipotential tests. Battery charge level indicator. Data Hold function.

Isolation test measurement capacity: 0.1 Mohm up to 2000 Mohm.

Accuracy: 0.1-200 Mohm $\pm 3\%$ + 5 digit (250 - 500 V)

1 -2000 Mohm $\pm 5\%$ + 5 digit (1000V)

Test current: <200 mA (DC).

When the resistance is less than 40 ohms, an acoustic signal sounds.

Voltage measurement: 0-1000 V in DC

0-750 V in AC

Accuracy: $\pm 1\%$ + 3 digits in DC

$\pm 1.2\%$ + 10 digits in AC

Power supply: 6 alkaline batteries from 1.5 V AA type (Art. 3600 E), supplied.

With 2 measuring leads and 1 earth cable.

4481GF Each 439,00



Electronic digital type with multifunctions, with reading of the display, for the measurement of insulation resistance of electrical equipment, switches, cables, motors, generators with test voltage 250 V, 500 V, 1000 V

Additional functions of transition current test and voltage measurement.

Measuring capacity insulation test: 25 Mohm up to 2000 Mohm.

Resolution: 1 Mohm.

test current: 1 mA.

Accuracy: 0.25 ohm to 200 ohm $\pm 3\% + 3$ digits

200 ohm to 2000 ohm $\pm 5\% + 5$ digits

When the resistance is less than 1 ohm it beeps.

Test voltage: up to 2.8 V.

Measurement of AC voltage: 0 to 600 V.

Resolution: 1 V.

Accuracy: $\pm 1.5\% + 3$ digits

Power: 6 alkaline batteries 1.5 V AA (Art. 3600 E) provided.

With three measuring tips.

4481GL Each **439,00**

Product running out of stock.

SCU

4481GL



Electronic digital type with multifunctions, with reading of backlit display, for the measurement of insulation resistance of electrical equipment, switches, cables, motors, generators with test voltage 250 V, 500 V, 1000 V, 2500 V.

Additional functions selectable by switch: resistance measurements, continuity test, voltage measurement in direct current (DC) and alternate current (AC). Battery charge level indicator.

Automatic switch-off in case of inactivity and Data Hold function (memory function).

Resistance values measurement capacity up to 200 ohm.

When the resistance is less than 3 ohm activates an acoustic signal.

Insulation test measurement capacity: 0.01 Mohm up to 100 Gohm.

Accuracy: 0-2000 Mohm $\pm 3\% + 5$ digit (250 - 500 - 1000 - 2500 V)

2000 Mohm up to 20 Gohm $\pm 5\% + 0.2$ Gohm (2500V)

20-100 Gohm $\pm 10\% + 2$ Gohm (2500 V)

Test current: 3 mA.

Voltage measurement: 0-1000 V in DC

0-750 V in AC

Accuracy: $\pm 0.5\% + 5$ digit in DC

$\pm 1.5\% + 5$ digits in AC

Power supply: 6 x 1.5 V alkaline batteries type LR14 (Art. 3600 F), supplied.

With 2 measuring tips and 2 terminals.

4481GLE Each **545,00**

SCU

4481GLE

new



DIGITAL LIGHTS METERS

Prod. SCU

Compact electronic digital type with built-in sensor to detect the intensity of light (solar, tungsten, fluorescent, mercury, etc.).

With photodiodes sensitive to artificial light and adjustable heat temperature. The device is also able to determine the intensity of LED light.

Clear reading on display. Buttons for ON / OFF and Data Hold / Zero functions.

Selectable measuring ranges: 20, 200, 2000, 20,000, 400,000 Lux.

Operated by 1 9 V alkaline battery (Art. 3600 M), supplied.

4481GP Each **196,00**

SCU

4481GP



Electronic digital model, to detect the intensity of light (solar, tungsten, fluorescent, mercury, etc.).

Clear reading on the display. With cursor for OFF/ON and Data Hold functions.

Selectable measuring ranges: 0 to 2000 Lux - 2,000 to 20,000 Lux - 20,000 to 100,000 Lux.

Powered by: 1 9 V alkaline battery 1 (3600 M), supplied.

Complete with sensor.

4481GR Each **131,00**

SCU

4481GR





4481GS

SCU



Electronic digital model to sense the luminous intensity of light (solar, tungsten, fluorescent, mercury, etc.).

Multifunctions model with display. Data memory, automatic switch-off, relative percentage measurements.

Connection to computer.

Possible measuring fields: 0 to 1.999 Lux - 2.000 to 19.990 Lux - 20.000 to 50.000 Lux.

Power: included 1 alkaline 9 V battery (see Art. 3600 M).

With sensor.

4481GS Each 479,00

Product running out of stock.

DIGITAL HARDNESS TESTERS

4481GSE

SCU



Prod. SCU

Digital model with bright, large, multifunction display to measure the hardness of steel, cast iron, aluminum, non-ferrous materials. Portable for max flexibility and ease of transportation, provided with special separated sensor allowing easy measurements even in hard-to-reach. Usable in any orientation (360°), automatic angle compensation.

In compliance with ASTM A-956 and DIN 50156.

It allows visualization of measurements in Leeb scale (HL) and automatic conversion to: Rockwell (B and C), Vickers (HV), Brinell (HB), Shore (HSD) scale as well as traction resistance (MPa-Ob). It allows statistical measurements with visual indication of absolute values, average value (up to 9 measurements), difference between min. and max. values (tolerance), time and date. Instant printing of measured values via IR-link printer (cordless), included. Indicated for flat, concave/convex objects with radii > 10mm (via dedicated stabilizing ring) or > 50mm (without ring), thickness > 8mm and mass > 3kg.

Operated by No.3 x 1.5 V alkaline batteries (AAA-typ - Art. 3600 C), included, or by network power supply V 230 - Hz 50 (included).

Automatic switch-off and battery level indicator.

Supplied in robust transport case, complete with calibration sample.

Roughness capacity	HL	170 to 960
Resistance to traction capacity (with steel)	MPa-Ob	375 to 2639
4481GSE	Each	2.420,00

HARDNESS TESTERS

4481GTA

SCU



SHORE A

Prod. SCU

With dial, to measure the hardness of soft materials such as rubbers, caouthouc, plastic materials, resins, etc. in measurement units SHORE A.

Scale: 0 ÷ 100. Steel contact point.

4481GTA Each 87,70

4481GVA

SCU



SHORE A

With dial, value indicator, high-precision, 1% of max. value, in compliance with DIN 53505 / ASTM - D - 2240 / ISO 868 standards.

Complete with gauged tester for periodical check of calibration.

Scale: 0 ÷ 100. Increments 1 unit. Steel contact point.

Dimensions 115x60x25mm, weight 160g.

With case.

SHORE A scale to measure materials such as rubbers, elastomers, neoprene, silicon, vinyl, soft plastics, leather, felt, etc.

4481GVA Each 191,00



Product description as Art. 4481GVA
SHORE A/O scale for foam and sponge measurements.

4481GVE Each **245,00**



Product description as Art. 4481GVA
SHORE D scale for hard rubbers, plastic materials, resipol, synthetic resins, epossidic resins, plexiglass etc. measurements.

4481GVL Each **254,00**



Available on request bench support for precision measurements with hardness testers Art. 4481 GVA-E-L.

BATTERY CHARGES

Prod. SCU

Power 230 V. With safety valve against short circuits, overloads and pole reversals.
With amperometer for reading the delivered current,
With commutator for different voltages. For frequency 50/60 Hz.

Cables and pliers included.

Art.		4482A	4482B
Current:conventional loading	A	6,5	10
Loading current	A	12	16
Loading voltage	Volt	6-12	12-24
Dimensions	mm	240x170x150h	240x170x150h
4482A	Each	193,00	220,00



ELECTRONIC BATTERY CHARGES

Prod. SCU

Electronic and automatic type with hold function charging even when the battery is not in operation.
Power 220-240 V / 50-60 Hz.
Suitable for charging lead batteries type WET, MF, GEL, AGM, Ca / Ca.
Automatic charge cycle , controlled by a microprocessor, in 9 distinct phases based on the state of charge of the battery.
Recovery function for deeply discharged batteries. Anti-sparking. Protection against reverse polarity. IP 65 protection.
Complete with cables, pliers and connector for the cigarette lighter (which allows to charge the battery from inside the vehicle, except Art. 4482B 1).

Art.		4482B 1	4482B 3	4482B 5
Absorbed power	W	30	60	135
Loading current	A	1,1	0,8-3,8	7
Loading voltage	Volt	6-12	12	12
Gamma batteries	Ah	2,2-32	1,2-14 / 14-75	14-150
Dimensions	mm	153x59x37h	175x65x43h	206x88x52h
Weight	Kg	0,350	0,460	0,735
4482B 1	Each	115,00	169,00	219,00



Products running out of stock.



BOOST STARTERS

4482C

SCU



Prod. SCU

Emergency starter and extra portable power source. Ideal for all applications that require a powerful booster and/or extra portable power source. Suitable for: load 12 V battery, starting, as a source of additional energy-saving memory and (for electrical equipment to 12 V).

Powered by cigarette lighter socket or connection to mains 230/240 V. Can be supported and used in any position, as it protected against electrolytic leakage. Complete with: automatic thermal protection from 20 A, protection circuit against peak tensions to protect the vehicle electronic system and with charge test button with LEDs. Supplied with: automatic charger, power supply, cable, cigarette lighter 2 isolated pliers with spring (opening mouth 25 mm) and 6 copper cable wires.

Provides a starting current of 1700 A and a continuous minimum of 600 A.

For the 12 V batteries of automobiles, trucks, campers, pleasure craft, etc.

Cable length 450mm. Weight 10 Kg.

4482C	Each	688,00
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4482D

SCU



Product description as Art. 4482C

Provides a starting current of 2500 A and a continuous minimum of 800 A.

For the 12 V batteries of large automobiles, vans, small trucks, etc.

Cable length 870mm. Weight 11 Kg.

4482D	Each	823,00
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BOOSTER for 12/24 V batteries available on request.

CONTINUITY TESTER

4482DL

SCU IP20



Prod. SCU

Type with external voltage protection.

Thanks to the contact-less voltage sensor it is possible to locate wire breaks and check the voltage phases through isolation.

With insulation according to IEC / EN 61010-1 (DIN VDE 0411). Integrated LED lamp.

Continuity test: optical 0-20 Ohm, acoustic 0-250 Ohm

Voltage test: 4.5 V

Current test: optical - 10 mA, acoustic - 2mA Protection against external voltage up to 300 V.

Overvoltage category: CAT II 300 V

Operated by 3 alkaline batteries 1.5V AAA (Art. 3600 C), supplied. Supplied with a couple of tips.

Dimensions mm 120x60x30.

4482DL	Each	45,30
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DETECTORS OF MAGNETIC FIELDS WITHOUT CONTACT

4482DP

SCU



Prod. SCU

With insulation according to IEC/EN 61010-1 (DIN VDE 0411).

Pen-shape, pocket size, contact-less, it allows to detect magnetic fields in pneumatic and hydraulic systems, test function for relays, solenoids, protections, valves, pumps and electromagnetic switches in general. The very sensitive tip lights in presence of AC and DC magnetic fields.

With integrated light (1 LED) and two 1.5 V AAA batteries (Art. 3600 C), supplied. Unbreakable ABS body and clip.

4482DP	Each	34,60
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For screwdrivers tester with magnetic field probe see Art. 1908 GT.

TENSION TESTERS WITHOUT CONTACT

4482DT

SCU



Prod. SCU

With insulation according to IEC/EN 61010-1 (DIN VDE 0411).

Pen-shape, pocket size, allows to detect voltages from 12-1000 V AC without contact - Cat. III 1000 V.

With optical and acoustic signal and two 1.5 V AAA batteries (Art. 3600 C), supplied. Unbreakable ABS body and clip, suitable for voltage measurement in electrical panels, sockets, plugs, switches, relays, etc. It allows to detect with high accuracy power outages in cables and electrical extension cords.

4482DT	Each	36,10
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ELECTRONIC TESTERS

Prod. SCU

Bipolar system with LED which allows the user to check the presence of continuous and alternate current 6 - 380 V as well as polarity.

4482E Each **21,00**



4482E



High insulation model, in compliance with VDE 0680/5 standards.

Bipolar system with LED, which allows the user to check the presence of direct and alternating current of 12 - 690 V.

4482GA Each **31,10**



4482GA



High insulation model according to IEC/EN 61243-3 (DIN VDE 0682-401), professional, bipolar.

Using the LEDs the following functions can be performed:

- determine the value of DC and AC voltages from 6-1400 V / 6-1000 V
- polarity test, test for the direction of the rotating field (max 400 V)
- continuity check of circuits with a resistance between 0 and 50 K ohms, with optical/acoustic signal
- diodes and safety switch test as a result of failures
- phase test towards ground.

Powered by: 2 1.5 V alkaline batteries, AAA type (Art. 3600 C), supplied.

4482GE Each **120,00**



IP65



4482GE



High insulation model, manufactured in compliance with VDE 0682-401 standards.

By means of a LED, it is possible to:

- check the presence of direct and alternate current of 6 - 400 V.
- determine the voltage value
- check polarity
- incoming resistance 0 to 250 kΩ.

4482GH Each **69,50**



4482GH



DIGITAL ELECTRONIC type with strong insulation according to IEC / EN 61243-3 (Cat. III 1000V). Ideal for laboratories, workshops and specialized technicians.

With light on top of the tester to illuminate the measuring point.

Through the backlit LCD-display, with automatic switch-off, the following functions can be performed:

- determination the value of the direct and alternating voltages from 6-690 V / 6-1000 V
- verification of the presence of direct and alternating current
- continuity tests, with optical / acoustic signal, for values lower than 300 kΩ - phase tests to earth (100-690 V AC / 50-60 Hz)
- phase rotation tests (100-400 V AC / 50-60 Hz)

Power supply: 2 x 1,5 V type AAA batteries (Art. 3600 C), supplied.

4482GM Each **157,00**



IP64



4482GM
new



DIGITAL ELECTRONIC type with high insulation according to IEC / EN 61243-3 (DIN VDE 0682-401), professional, bipolar. Ideal for laboratories, workshops, technicians and installers.

With LCD-display with backlight and automatic shutdown can perform the following functions:

- determining the value of DC and AC voltages from 4-1400 V / 3 -1000 V
- test polarity, the direction of the rotating field (max 400 V)
- resistance measurement from 1-1999 ohms
- rate measurement from 10-1000 Hz
- control continuity of circuits with resistance between 0 and 50 K ohms, with acoustic signal
- testing of safety switches as a result of failure of the current test phase to earth.
- Data-Hold

Power: 2 alkaline batteries 1.5V AAA (Art. 3600 C), supplied.

4482GP Each **209,00**



IP65



4482GP





CIRCUIT CAR TESTERS

4482GR **GEDORE**

Orig. Gedore - Art. 4610

Type with indicator light, for tests on electrical circuits, car lights, for voltages of 6 to 24 V. Steel blade, brass body with protective cap, cable and terminal.

Overall length	mm	125
4482GR	Each	15,70

For screwdrivers test-candles and test-lights for cars see. Art. 1905 G - 1906 G.

ELECTRONIC CAR TESTERS

4482GT **SCU**

Prod. SCU

Electronic model with luminous indicators; checks electrical circuits voltages: ± 3 to 48 V with device for checking the current flow inside cables. Particularly indicated for checking electronic gearcases.

4482GT	Each	25,40
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DIGITAL ELECTRONIC WEIGHTS

4483A **SCU**

Prod. SCU

Precision digital type, with round plate \varnothing 150 mm. 4 digit LCD display (figures 15mm high), with ON/TARE button to turn on and add weight and OFF button to switch off and calibrate. Operates with 2 x 1.5 V alkaline batteries (AA type - Art. 3600 E), provided (4483 A 0.5 with 9 V battery Art. 3600 M) Automatic switch-off after 3 minutes.

Weight 0.600 Kg. Dimensions 170x240x39mm.

Capacity up to	Kg	0,5	2,2	5,2
Division and reproducibility	grams	0,1	1	5
Linearity \pm	grams	0,2	2	10
4483A	Each	125,00	131,00	120,00

4483B **SCU**

High precision digital model, stainless steel square weighing plate. High-precision for use in labs, part counting. 4-digits LCD display (digits height 15mm), ON/OFF key, MODE/CAL key for calibration, part counting, percentage weighing and unit of measure selection, SET/M key for checking the weight of each mixture component, PRINT key for both data transfer and printing (possibility to connect to a printer, on demand, or to a RS 232 computer output), TARE key for tare entry. Operated by separated power supply V230-50 HZ (included) or 9V-battery (Art. 3600 M), not included. Automatic switch-off after 3 minutes.

Weight 1.1kg. Scale dimensions 163x245x79mm. Allowed ambient temperature from +5° C to +35° C.

Capacity up to	Kg	1	2	3,5	6	10
Division and reproducibility	grams	0,1	0,1	0,01/0,02	1	0,1
Linearity \pm	grams	0,2	0,2	0,05	2	0,3
Min. piece weight at counting	grams/pcs	0,2	0,2	0,02	2	0,2
Plate dimensions	mm	130x130	130x130	130x130	150x170	150x170
4483B	Each	403,00	469,00	654,00	284,00	534,00

4483E **SCU**

Digital platform model, stainless steel square weighing plate, dimensions 315x305mm. Ideal for weighing forwarding parcels. 4-digits LCD display (digits height 25mm), ON/OFF key, HOLD key to hold displayed weight for 5 sec. (also dynamic, ideal for weighing e.g. animals), UNIT key for unit of measure selection Kg/lbs, TARE key for tare entry.

External display, dimensions 210x110x45mm, provided with cable length 1.5m, wall support included. Operated by separated power supply V230-50 HZ (included) or 6 x 1.5V batteries (AA-type - Art. 3600 M), not included. Automatic switch-off after 3 minutes.

Weight 4kg.

Allowed ambient temperature from +10° C to +35° C.

Capacity up to	Kg	35	60	150
Division and reproducibility	grams	10	20	50
4483E	Each	331,00	331,00	331,00



Digital platform model, stainless steel square weighing plate. Multi-purpose model for weighing parcels, counting function, mixture components and check. 4-digits LCD display (digits height 25 mm), ON/OFF key, PRINT key for both data transfer and printing (possibility to connect to a printer, on demand, or to a RS 232 computer output), MODE key to select part counting function, percentage weighing and unit of measure selection, SET/M key for checking the weight of each mixture component, TARE key for tare entry.

External display, dimensions 225x110x45mm, provided with cable length 1.4m, wall support included. Operated by separated power supply V230-50 HZ (included) or 9V-battery (Art. 3600 M), not included. Automatic switch-off after 3 minutes. Allowed ambient temperature from +5° C to + 35° C.

SCU

4483F



IP65

Capacity up to	Kg	6	15	35	60	150	300
Division and reproducibility	grams	2	5	10	20	50	100
Min. piece weight at counting	grams/pcs	4	10	10	20	40	100
Plate dimensions	mm	315x305	315x305	315x305	315x305	315x305	522x403
Weight	Kg	4	4	4	4	4	16
4483F	Each	403,00	403,00	403,00	403,00	425,00	686,00

High precision digital model, stainless steel square weighing plate dimensions 340x240mm. Part counting and weighing functions. LCD display (digits height 18mm), ON/OFF key, g/pcs key to select weighing or counting functions. PRINT key for both data transfer and printing (possibility to connect to a printer, on demand, or to a RS 232 computer output) and 4 keys for 4 working steps performed from left to right for part counting function.

Operated by separated power supply V230-50 HZ (included) or 6 x 1.5V-batteries (type LR14C - Art. 3600 F), not included. Weight 6.5kg. Scale dimensions 350x390x120mm. Allowed ambient temperature from -10° C to + 30° C.

SCU

4483L



Capacity up to	Kg	16,1	36,1	65
Division	grams	0,1	0,1	0,5
Min. piece weight at counting	grams/pcs	0,1	0,1	0,5
4483L	Each	1.010,00	1.140,00	1.050,00

On request all scales can be supplied with DAkkS calibration certificate.

SPRING DYNAMOMETERS

Prod. SCU

High precision model for field measurements, Electro technical, mechanical control of measuring instruments and music etc.

Metal body, dual scale dial, for reading in both directions and double needle metering and 1 seal 1 the maximum value measured. Verification of relays, charcoal, soft samplers, etc.

Tolerance ± 1% to maximum capacity + measured value. Comes with factory certificate.

SCU

4483M



Size		1	2	3	4	5	6
Measuring capacity	cN/N	3-30 cN	5-50 cN	10-100 cN	25-250 cN	0,5-5 N	1-10 N
Division	cN/N	1,0 cN	1,0 cN	2,0 cN	5,0 cN	0,1 N	0,2 N
Dial Ø	mm	38	38	38	38	72	72
Probe length	mm	30	30	30	30	48	48
4483M	Each	451,00	451,00	451,00	451,00	580,00	580,00
Size		7	8	9	10	11	
Measuring capacity	cN/N	2-20 N	3-30 N	4-40 N	5-50 N	10-100 N	
Division	cN/N	0,4 N	0,5 N	1,0 N	1,0 N	2,0 N	
Dial Ø	mm	72	72	72	72	72	
Probe length	mm	48	48	48	48	8	
4483M	Each	580,00	668,00	668,00	679,00	776,00	

Size 11 has a reduced length probe.

SPRING AND PRECISION BALANCES

Orig. Rebüre

Brass-coated dial, zinc-coated hook and ring.

Capacity up to	Kg	10	20	30	50
Quadrant	mm	95x30	130x30	140x40	200x48
4484G	Each	5,30	6,76	7,68	11,20



4484G



4485G



Cylinder-shaped. Body in nickel-plated brass.
Silvered internal tube with neat scale, black graduation.
Hooks and rings in nickel-plated steel.
Starting value: kg 0. Tolerance: $\pm 1\%$ on the scale value.

Capacity up to	Kg	1	2,5	5	10	20	30	60	100
Division	grams	10	25	50	200	200	500	1000	1000
Length with load	mm	350	350	355	316	315	350	417	592
4485G	Each	102,00	102,00	102,00	109,00	139,00	168,00	254,00	306,00

DIAL DYNAMOMETERS

4487G



Orig. Rebüre

With graduated dial. Easy immediate reading. Precise and sturdy finish.
Starting value: kg 0. Tolerance: $\pm 1\%$ on the scale value.

Capacity up to	Kg	10	25	50	100	200	300
Division	grams	50	100	250	500	1000	1000
Weight	Kg	1,71	1,73	1,76	1,82	3,95	4,5
Dial Ø	mm	150	150	150	150	200	200
4487G	Each	161,00	161,00	176,00	176,00	307,00	336,00

4487GA



With double hands (1 measuring hand - 1 value verification hand).
Graduated dial with plexiglas protection, rubber gasket and sealing frame in stainless steel. Each dynamometer is tested one by one.
Starting value kg 0. Tolerance: $\pm 1\%$ on the scale value.

Capacity up to	Kg	25	50	100	200	300
Division	grams	100	250	500	1000	1000
Weight	Kg	2,1	2,2	2,4	4,4	4,5
Dial Ø	mm	150	150	150	200	200
4487GA	Each	351,00	355,00	355,00	545,00	570,00

4487GE SCU



Prod. SCU

Digital model for tension and compression measurements, high-precision and high-quality.
Graduated dial with double scale N/Kg. Double detection: continuous measurement (Track) and peak value measurement. Reset switch. Supplied with 6 interchangeable accessories for universal use (5 heads + 1 extension 90mm). Uncertainty of measurement $\pm 1\%$ of the max. value.

Weight 0.560kg. Dimensions 230x60x50mm.

In case.

Capacity up to	N	10	20	50	100	200	500
Division	N	0,05	0,10	0,25	0,50	1,00	2,50
4487GE	Each	381,00	381,00	381,00	381,00	381,00	381,00

DIGITAL ELECTRONIC DYNAMOMETERS

4487GL SCU



Prod. SCU

Digital model, practical, light and handy, with carrying lug.
4-digits LCD display (digits height 11mm) with HOLD key for prolonged weight reading (5 sec.), ON/OFF key, TARE key for tare entry. UNIT key for converting units in Kg - lb - Nm.
No.1 battery 9 V (Art. 3600 M), included. Autonomy approx. 300 hours. Automatic switch-off after 3 minutes.

Supplied with "S" hook in stainless steel. Weight approx. 0.250kg.

Overall height hook included 275mm.

Capacity up to	Kg	15	50
Division	grams	20	50
4487GL	Each	155,00	166,00



11



Digital model, sturdy handy and light.

4-digits LCD display (digits height 12mm) with HOLD key for prolonged weight reading (5 sec.) of the weight, ON / OFF key to switch on and off, TARE key to tare entry, UNIT key for converting units in Kg - lb - Nm.

3 alkaline batteries 1.5 V. Autonomy approx. 300 hours. Automatic switch-off after 3 minutes. Supplied with stainless steel karabiner, opening 15mm, and "S" hook in stainless steel, opening 25mm. Weight. approx. 0.400kg.

Total height with karabiner and hook 300mm.

Capacity up to	Kg	20	50	100	200
Division	grams	10	100	200	500
4487GP	Each	229,00	196,00	240,00	216,00

SCU



4487GP



Digital model with remote, rugged with safety and testing requirements according to the European standard EN 13155/en 61010 and German TÜV-GS standards.

With dual LCD display, backlight, digits 5 (digits height 25 mm), with prolonged reading HOLD weight, press "0" for a charge balance resets, ON/OFF-button UNIT for start-up, shut-down and unit selection, key TARE for tare.

Operation with internal accumulator, battery life 30 hours, 14 hours charge time approx. 230 V via power supply included.

Accuracy: ± 0.2% of full scale value.

Supplied with top ring, inner width 25 mm swivel hook with safety latch, useful opening 26 mm.

Total height with 390 mm hook and loop. Weight 3.2 kg.

Capacity up to	Kg	300	600
Division	Kg	0,1	0,2
4487GT	Each	839,00	839,00

SCU



4487GT



Digital type with remote control, sturdy, with testing and safety requirements according to European standards EN 13155 / en 61010 and German TÜV-GS standards.

With backlit, 5-digit (digit height 30 mm) LCD display; HOLD key for prolonged reading of the weight; "0" key to reset the charged balance; ON / OFF key for switching on and off, TARE key for tare input; M + key to sum the performed weights.

Works with internal battery, autonomy 80 hours approx. Charging time approx. 12 hours, using the supplied 230 V power supply.

Accuracy: ± 0.2% on the full scale value.

Supplied with 2 forged steel shackles.

Total height 421 mm with shackles. Weight Kg 11. TRIPLE RANGE: the scale automatically switches to the upper range of scale and division.

Size		600	1500
Capacity	Kg	150/300/600	300/600/1500
Division	Kg	0,05/0,1/0,2	0,1/0,2/0,5
4487GTE	Each	806,00	850,00

SCU



4487GTE
new



Digital model with remote, very sturdy, heavy duty, with testing and safety requirements according to the European standard EN 13155/en 61010 and German TÜV-GS standards.

With backlit LCD display, digit 5 (digits height 30 mm), with prolonged reading HOLD weight, press "0" for a charge balance resets, ON/OFF button to start-up, shut-down.

Operation with internal accumulator, 100 hours, 14 hours charge time approx. 230 V via power supply included.

Accuracy: ± 0.2% of full scale value.

Supplied with top cricket, inner width 66/73 mm (1000/3000 model) and swivel hook with safety latch, useful 40 mm Aperture.

Total height with shackle and 610 mm hook. Weight 16 Kg.

Capacity up to	Kg	1000	3000
Division	Kg	0,1	0,5
4487GV	Each	1.560,00	1.610,00

SCU



4487GV





4488

SCU

IP20



Digital model with remote control. Aluminium case, extensometer load cell in stainless steel and indicator with microprocessor. 5-digits LCD display (digits height 25mm). 2 alkaline batteries of 1.5V (AA type Art. 3600 E) , supplied. Autonomy: approx. 1 year. Automatic switch-off after 30 minutes. Protection IP20.

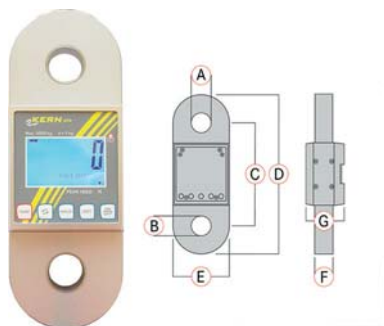
Accuracy: $\pm 0.05\%$ on the full-scale value. Possibility to exclude the tare weight. HOLD function. Possibility to exclude the tare. Supplied with 2 shackles in forged steel and sturdy plastic case for easy carrying.

Capacity up to	Kg	3000	6500	9500
Division	Kg	0,5	1	2
4488	Each	1.340,00	1.340,00	1.650,00

For hoist hooks see Art. 2133 Z kg 3200 - 7500 and Art. 2133 ZE kg 3150 - 8000- 12500.

4488A

SCU



High-quality, digital type, low weight, compact size, sturdy, with testing and safety requirements according to European standards EN 13155 / EN 61010 and German standards TÜV-GS.

Aluminum body with stainless steel bushings for capacities up to Kg 600-1000-3000, steel body for capacities up to Kg 5000 and 10000. With LCD display, backlight, 5 digits (digits height: 23 mm), HOLD button for prolonged reading of the weight, ON / OFF-UNIT button for switching the device on and off and for selecting, and with TARE button to entry the tare. Operated by internal storage unit, autonomy ca. 30 hours without using the backlight, charging time about 12 hours using 240 V power supply, supplied. It can also work with 3 alkaline AA batteries (see Art. 3600 E), not supplied.

Accuracy: $\pm 0.2\%$ of maximum scale value.
Supplied without shackles and without hook.

Capacity up to	Kg	600	1000	3000	5000	10000
Division	Kg	0,2	0,5	1	2	5
Overall height (D)	mm	255	255	255	255	275
Distance holes (C)	mm	165	165	165	165	175
Ø holes (A-B)	mm	27	27	27	30	40
Width (E)	mm	90	90	90	90	90
Plate thickness (F)	mm	30	30	30	30	40
Total thickness (G)	mm	55	55	61	61	71
Weight	Kg	1,8	1,8	1,8	3,9	5,5
4488A	Each	1.290,00	1.510,00	1.640,00	1.730,00	2.270,00

For lifting hooks and shackles see Art. 2133 V to 2133 ZE and 2157E.

On request we supply dynamometers from 1,000 Kg up to 10,000 with the same characteristics, but with viewer / separate display for remote data viewing.

4488B

SCU



Digital model for tension and compression measurements, sturdy and user-friendly.

5-digits LCD display (digits height 27mm), ON/OFF key, MAX key for peak measurements, UNIT key for unit of measure selection (N-Kgf-lbf-oz) and automatic conversion of the values, ZERO key for measurement reset.

High-frequency data recording (1000 Hz). Uncertainty of measurement $\pm 0.5\%$ of the max. value. Overload protection 200% of the peak value. 6 alkaline batteries 1.5V, rechargeable and 230V - 50Hz charger (included). Automatic switch-off.

Supplied with 6 interchangeable tools (5 heads + 1 extension 90mm).

Weight 0.600kg. Dimensions 195x84x35mm.

In package.

Capacity up to	N	50	100	250	500	1000
Division	N	0,02	0,05	0,1	0,2	0,5
4488B	Each	454,00	454,00	454,00	454,00	454,00

11



Digital model for tension and compression measurements, high-precision for high performances. With data output RS 232.
 Backlit LCD display, 5-digit. ON/OFF key, PEAK key for peak measurements, UNIT key for unit of measure selection (N-Kgf-lbf) and automatic value conversion, ZERO key for measurement reset, SET key for measuring range verification and remote data transfer, MEMORY key to store up to 10 detected values, PRINT key for data transfer and printing.
 High-frequency data recording (2000 Hz). Uncertainty of measurement $\pm 0.2\%$ of max. value. Overload protection 150% of max. value. Statistics function able to generate the average value of the measured values as well of the max and min load peaks.
 Rechargeable battery and 220V - 50Hz charger (included). Automatic switch-off.
 Supplied with No.6 interchangeable tools (5 heads + 1 extension 90mm).
 Weight 0.640kg. Dimensions 238x63x36mm.
 In case.

SCU

4488E



esempio applicativo
stativo escluso dal prezzo



Capacity up to	N	5	10	20	50	100	200	500
Division	N	0,001	0,005	0,010	0,010	0,050	0,100	0,10
4488E	Each	835,00	835,00	835,00	835,00	835,00	835,00	835,00

Compact and robust support, rapid movement, lever-operated. It guarantees ample measurement excursions, high versatility, fast measurement repetition, several tests available.
 Load up to 500 N, wide and stable base provided with drilled plate for wall installation.
 Min. plate height 115mm.
 Max height above plate 318mm.
 Length of stroke at each lever turn 78mm.
 Weight 10.5kg. Dimensions 233x150x420mm.
 MANUAL SUPPORT FOR TORQUE WRENCHES ART. 4487 GE - 4488 B (N 1000 not included)

SCU

4488F



4488F	Each	563,00
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ANCHORAGE SYSTEM

Prod. SCU - Made in Italy

With galvanised steel tensioner. Safety lock with lever stop.
 Belt tensioning by moving the lever upwards. Manufactured in compliance with European EN 12195-2 standards.
 Ring type without hooks. Polyester belt, width 25mm, length 5m. Capacity 500 Kg.

SCU

4489A



4489A	Each	7,04
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Product description as Art. 4489A
 With anchoring hooks.
 Polyester belt, width 25mm, length 5m. Capacity 500 Kg.

SCU

4489B

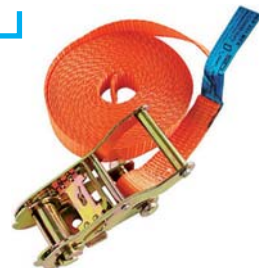


4489B	Each	10,40
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Product description as Art. 4489A
 Ring type without hooks.
 Polyester tape, width 25 mm, length 6 m. Max capacity 1000 kg.

SCU

4489CA



4489CA	Each	11,10
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4489CB SCU


Product description as Art. 4489A

With hooks hook.

Polyester tape, width 25 mm, length 6 m. Max capacity 1000 kg.

4489CB Each **13,80**

4489DA SCU


Product description as Art. 4489A

Ring type without hooks.

Polyester tape, width 50 mm, length m 8. Max capacity 2000 kg.

4489DA Each **21,10**

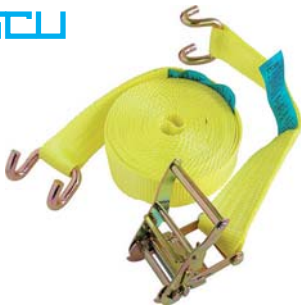
4489DB SCU


Product description as Art. 4489A

With hooks hook.

Polyester tape, width 50 mm, length 8,5 m. Max capacity 2000 kg.

4489DB Each **26,50**

4489DE SCU


Product description as Art. 4489A

With hooks side.

Polyester tape, width 50 mm, length 8.5 m. Max capacity 2000 kg.

4489DE Each **26,10**

4489E SCU


Product description as Art. 4489A

Ring type without hooks. Polyester belt, width 50mm, length 9m. Capacity 5000 Kg.

4489E Each **28,80**

4489F SCU


Product description as Art. 4489A

With anchoring hooks.

Polyester belt, width 50mm, length 8.5m. Capacity 5000 Kg.

4489F Each **33,10**



Product description as Art. 4489A
 With closed triangular anchoring rings.
 Polyester belt, width 50mm, length 8.5m. Capacity 5000 Kg.

4489L Each **35,30**

SCU

4489L



Product description as Art. 4489A
 With closed anchoring rings complete with safety spring catch.
 Polyester belt, width 50mm, length 8.5m. Capacity 5000 Kg.

4489LE Each **42,60**

SCU

4489LE



TIE RADS

Prod. SCU - Made in Italy

Polyester sling, high resistant, double ply.
 In compliance with European EN 1492 standards.
 Open type with lifting eyes.
 The capacities indicated below are for straight lift with simple hooking.
 Purple strap. Length 50mm.

Overall length	m	1	2	3	4	6
Max capacity	Kg	1000	1000	1000	1000	1000
4489P	Each	11,60	14,80	18,10	21,10	27,50

SCU



4489P



Product description as Art. 4489P
 Green strap. Length 60mm.

Overall length	m	1	2	3	4	6
Max capacity	Kg	2000	2000	2000	2000	2000
4489R	Each	16,90	22,90	27,90	32,80	44,90

SCU



4489R



Product description as Art. 4489P
 Yellow strap. Length 90mm.

Overall length	m	1	2	3	4	6
Max capacity	Kg	3000	3000	3000	3000	3000
4489S	Each	20,60	30,30	40,10	49,70	67,40

SCU



4489S



Product description as Art. 4489P
 Gray ribbon, width 120 mm.

Overall length	m	2	3	4	6
Max capacity	Kg	4000	4000	4000	4000
4489SE	Each	45,30	59,10	70,30	94,60

SCU



4489SE





4489T



Product description as Art. 4489P

Red strap. Length 150mm.

Overall length	m	2	4	6	8
Max capacity	Kg	5000	5000	5000	5000
4489T	Each	62,50	97,70	133,00	169,00

4489Z



Product description as Art. 4489P

Orange strap. Length 290mm.

Overall length	m	4	6	8	10
Max capacity	Kg	10000	10000	10000	10000
4489Z	Each	300,00	405,00	511,00	617,00

4490A



Round polyester cables, high resistant, double ply.

In compliance with European EN 1492 standards.

Continuous round type.

The capacities indicated below are for straight lift with simple hooking and the total development indicates the extent of the circumference.

Purple strap.

Overall length	m	1	2	3	4	6
Max capacity	Kg	1000	1000	1000	1000	1000
4490A	Each	6,42	10,60	14,40	15,80	21,70

4490B



Product description as Art. 4490A

Green strap.

Overall length	m	1	2	3	4	6
Max capacity	Kg	2000	2000	2000	2000	2000
4490B	Each	6,62	12,70	18,70	21,70	30,40

4490C



Product description as Art. 4490A

Yellow strap.

Overall length	m	2	3	4	6
Max capacity	Kg	3000	3000	3000	3000
4490C	Each	16,30	24,20	29,70	42,00

11



Product description as Art. 4490A

Gray ribbon.

Overall length	m	2	3	4	6
Max capacity	Kg	4000	4000	4000	4000
4490CF	Each	23,50	31,50	35,10	53,20

SCU



4490CF



Product description as Art. 4490A

Red strap.

Overall length	m	3	4	6	8
Max capacity	Kg	5000	5000	5000	5000
4490D	Each	32,60	43,30	64,70	85,50

SCU



4490D



Product description as Art. 4490A

Orange strap.

Overall length	m	4	6	8	10
Max capacity	Kg	10000	10000	10000	10000
4490E	Each	98,10	141,00	180,00	230,00

SCU



4490E



TIE RADS PROTECTIONS

Prod. SCU - Made in Italy

Anti-cutting protections made of reinforced polyurethane to prevent the cutting of the fibres of the polyester tie-rods Art. 4489 P 4489 Z, with sharp loads.

Protection length: 1 m.

For belts width	mm	50	60	90	120	150	300
Protection int. width	mm	55	65	100	130	160	320
4490FA	Each	113,00	139,00	166,00	205,00	265,00	548,00

SCU

4490FA



Plastic corner protectors for anchors and tie-rods with a width from 50 mm to 100 mm. To prevent loads with sharp corners from cutting the fibres of the polyester anchors and tie-rods Art. 4489 DA to 4489 LE and Art. 4489 P to 4489 S.

4490FB	Each	1,94
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SCU

4490FB



NEW!

NEW ITEMS GROUP 12



4499CA

Suction cups for transport
▶ P. 1061



**WOODEN PLANERS
PROFESSIONAL TYPE**

5080, 5081, 5082, 5120G
▶ P. 1081, 1082



5105G

Rebate planes, professional type
▶ P. 1082



5228GM

Multipurpose scrapers, metal type
▶ P. 1084



5228GT

Thin blade knives, safety type
▶ P. 1085



**UNIVERSAL KNIVES
WITH TRAPEZOIDAL BLADES**

5232E-GP-GRE ▶ P. 1085-1086



5233AB

Universal safety knives
▶ P. 1086



5233CE

Universal safety knives,
professional type ▶ P. 1087



**MAXIMUM SAFETY KNIVES,
FIXED BLADE**

5233DA-DE-DL-DP ▶ P. 1087-1088



**MAXIMUM SAFETY KNIVES,
INTERCHANGEABLE BLADE**

5233EA-EG ▶ P. 1088



5233EL

Maximum safety knives, double blade
▶ P. 1088



5233EM

Maximum safety knives, single blade
▶ P. 1088



5234A

Knives for polystyrene,
professional type ▶ P. 1090



5245A

Clamps in forged and tempered steel
▶ P. 1098



DIAMOND DISCS FOR CUTTING

7080A, 7091G, 7093GL
▶ P. 1107-1108



7780G

Abrasive fabric in sheets
▶ P. 1128



7782G

Abrasive fabric in rolls
▶ P. 1128



FELTS FOR POLISHING

7883L-M-P-Q-S-T-V-Z
▶ P. 1137-1138



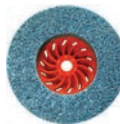
7887EB

Abrasive supports and discs,
quick clamping system ▶ P. 1140



**LAMELLAR DISCS
WITH GLASS FIBER SUPPORT**

7923GP-GT, 7924GA-GB-GF
▶ P. 1149-1150



7932A

Lamellar discs with nylon support
▶ P. 1152



**ABRASIVE ROTARY
FLAP WHEEL BRUSHES**

7937L-P-S ▶ P. 1154-1155



ABRASIVE ROTARY BRUSHES

7945L-P-T ▶ P. 1155

TOOLS FOR GLASS, WOOD, LINOLEUM ABRASIVES

All items are in sequence. It's very easy to find them!

<p>Glass cutters Vacuum lifters</p>		<p>From 4490GB To 4499S</p>
<p>Sharpened centre bits Machine drills for wood Flaring wood cutters</p>		<p>From 4509G To 4610G</p>
<p>Handsaws for woods Arch saws - Band saws Side shafts for saw Circular saws for wood Trowels - Floats Plumb bobs - Wall scrapers - Soft brushes</p>		<p>From 4702G To 4922</p>
<p>Planes for woods Chisels Mitre sawing appliances Gouges for wood Universal knives Cutting tools</p>		<p>From 5000G To 5239T</p>
<p>Bar clamps Clamps</p>		<p>From 5240G To 5260</p>
<p>Abrasive grinding wheels Grinding wheels</p>		<p>From 7000G To 7052G</p>
<p>Diamond cutting wheels Rough grinding and cutting-off wheels</p>		<p>From 7080A To 7200G</p>
<p>Abrasive files and stones Elastic abrasive wheels and stones</p>		<p>From 7600A To 7714G</p>
<p>Abrasive paper in rolls and sheets Abrasive cloth in rolls and sheets Fibre abrasive disks Rubber backing pads</p>		<p>From 7758G To 7834GS</p>
<p>Abrasives made of materials of different hardness Felts Diamond grinding points Fan grinders</p>		<p>From 7840A To 7962G</p>





GLASS CUTTERS

4490GB SCU



Prod. SCU - Orig. Jokra

Professional model with 6 wheels in special alloy Silberstahl steel. Interchangeable. Nickel-coated plate. Wooden grip. Apt for double glass and light glass.

4490GB Each **7,52**

Spare wheels for Art. 4490 GB. Indivisible package units of approx. 120pcs.

O4490GB Pack **110,00**

GLASS CUTTERS WITH HARD METAL WHEEL

4491GC SCU HARTMETALL



Prod. SCU - Orig. Silberschnitt

With 1 Hartmetall wheel, on stable support for cutting thick glasses and irregular surfaces. Also cuts furring tile.

Nickel-coated head. Wooden grip.

With wheel Ø 6mm

4491GC Each **25,70**

Spare wheels for Art. 4491 GC.

O4491GC Each **12,80**

OIL GLASS CUTTERS

4492G SCU HARTMETALL



Prod. SCU - Orig. Silberschnitt

With 1 Hartmetall wheel. For thickness range: 3-10mm. Oil reservoir in the handle which releases oil when handle is depressed. Brass grip reinforcement.

Fixed head. Constant lubrication makes cutting easy, precise and safe.

4492G Each **59,40**

Spare heads complete with spare wheel for Art. 4492 G.

O4492G Each **34,20**

4493G SCU HARTMETALL



With 1 Hartmetall wheel. For thickness range: 3-10mm. Oil reservoir in the brass handle. Soft rubber grip. Swinging head.

Constant lubrication makes cutting easy, precise and safe.

4493G Each **59,40**

Spare heads complete with spare wheel for Art. 4493 G.

O4493G Each **34,20**

4494G SCU HARTMETALL



With 1 Hartmetall wheel. For thickness range: 3-10mm. Oil reservoir in the brass handle. Soft rubber grip. Narrow swinging head.

Constant lubrication makes cutting easy, precise and safe.

4494G Each **59,40**

Spare heads complete with spare wheel for Art. 4494 G.

O4494G Each **39,70**

Product running out of stock.

CIRCLE GLASS CUTTERS

4498 SCU



Prod. SCU

Optimal quality/price ratio for cutting glass circles, with sucker fastening on the pivot.

The sucker, with synthetic body, is fixed to the glass plate by lever lowering.

Square swinging rod, graduated, in brass.

Complete with swinging head and 6 wheels.

For max Ø	mm	400	600	800	1000	1200
4498	Each	85,40	89,30	95,30	102,00	108,00

4499 SCU



Optimal quality/price ratio for cutting glass circles, with sucker fastening on the pivot.

The sucker, with brass body, is fixed to the glass plate by lever lowering.

Square swinging rod, graduated, in brass.

Complete with swinging head and 6 wheels.

For max Ø	mm	400	800	1200
4499	Each	93,80	105,00	118,00

Spare swinging heads with 6 wheels for Art. 4498 - 4499.

O4499 Each **26,70**

12



RULER FASTENING SUCKERS

Prod. SCU

Apt for positioning and fastening the ruler when cutting glass. Brass body. High-sealing, rubber sucker. Diameter 55mm. Lever lock.

4499A Each **62,30**

SCU



4499A

TRANSPORT SUCKERS

Prod. SCU

Apt for carrying plates with smooth surfaces such as glass, plastic, metal, etc. Made in die-cast aluminium.

High-sealing rubber sucker, diameter 120mm, interchangeable.

With 1 sucker, lever lock. Max load 40kg.

4499B Each **47,30**

Spare suckers for Art. 4499 B.

O4499B Each **24,20**

SCU



4499B



Product description as Art. 4499B

High-sealing rubber sucker, diameter 120mm, interchangeable.

With 1 sucker, handle lock. Max load 30kg.

4499C Each **66,90**

Spare suckers for Art. 4499 C - 4499 CA.

O4499C Each **24,20**

SCU



4499C



Product description as Art. 4499B

High-sealing rubber sucker, diameter 120 mm, interchangeable.

With 1 suction cup, handle lock, in FIBERGLASS glass reinforced with resin for a longer life. Max load 30 kg.

4499CA Each **62,90**

SCU



4499CA
new



Product description as Art. 4499B

High-sealing rubber sucker, diameter 120mm, interchangeable.

With 2 suckers, lever lock. Cross grip. Max load 80kg.

4499D Each **89,50**

SCU



4499D

Model made according to European standards, with ergonomic handle. Suitable to carry sheets with smooth surfaces such as glass, plastic, metal, etc. In die-cast aluminium.

High-sealing rubber sucker, diameter 120mm, interchangeable. Longitudinal handle. With 2 suckers, lever lock. Max load 60kg.

4499DA Each **65,60**

Spare suckers for Art. 4499 D - DA.

O4499D Each **24,20**

SCU



4499DA



Product description as Art. 4499DA

High-sealing rubber sucker, diameter 120mm, interchangeable.

With 3 suckers, lever lock. Max load 100kg.

4499EA Each **85,10**

Spare suckers for Art. 4499 EA.

O4499E Each **24,20**

SCU



4499EA



Suitable for transporting slabs with smooth surfaces such as glass, plastics, metals etc. Cast aluminium construction.

With suction cup in CLEAR rubber for lifting without leaving traces of black rubber.

High seal rubber suction cup diameter 120mm, interchangeable.

Type with 1 suction cup, lever lock. Max. lifting capacity 40 Kg.

4499EB Each **50,80**

SCU



4499EB





4499EG

SCU



Product description as Art. 4499EB

With suction cups in CLEAR rubber for lifting without leaving traces of black rubber. Manufactured according to European standards, with ergonomic handle. High seal rubber suction cup diameter 120mm, interchangeable. Type with 2 suction cups, lever lock. Max. lifting capacity 60 Kg.

4499EG	Each	73,60
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4499EH

SCU



Product description as Art. 4499EB

With suction cups in CLEAR rubber for lifting without leaving traces of black rubber. Manufactured according to European standards, with ergonomic handle. High seal rubber suction cup diameter 120mm, interchangeable. Type with 3 suction cups, lever lock. Max. lifting capacity 100 Kg.

4499EH	Each	97,50
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Spare suction cups for Art. 4499 EB - EG - EH.

O4499EH	Each	30,10
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4499F

SCU



Apt for carrying plates with smooth surfaces such as glass, plastic, metal, etc. Made in die-cast aluminium. With vacuumeter for checking vacuum pressure. Central knob for vacuum adjustment.

High-sealing, rubber sucker, diameter 180mm.

For glass thickness up to 8mm and vertically lifted weights up to 150kg.

Model with 1 sucker.

4499F	Each	173,00
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Spare suckers for Art. 4499 F.

O4499F	Each	73,60
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4499L

SCU



Product description as Art. 4499F

High-sealing, rubber sucker, diameter 200mm.

For glass thickness up to 10mm and vertically lifted weights up to 190kg.

Model with 1 sucker.

4499L	Each	191,00
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Spare suckers for Art. 4499 L.

O4499L	Each	79,90
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4499LE

SCU



Suitable for transporting plates with surfaces that are not only smooth and flat, but also lightly worked and curved. Sturdy execution, covered in rubber; pump housing made of brass and piston made of synthetics. The vacuum is obtained through the manual pump and can be controlled on the piston by means of a red indicator.

High-sealing, rubber sucker, diameter 150mm.

For vertically lifted weights up to 70kg. With 1 sucker.

4499LE	Each	225,00
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4499LF

SCU



Product description as Art. 4499LE

High-sealing, rubber sucker, diameter 200mm.

For vertically lifted weights up to 150kg. With 1 sucker.

4499LF	Each	273,00
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4499LR

SCU



With support and tie-rod for lifting with forklifts, hoists, cranes etc.

Suitable for transporting sheets with surfaces not only smooth and flat, but also slightly processed and curved. Sturdy rubber-coated construction, pump body made of brass and piston made of plastic. The vacuum is achieved through the activation of the manual pump and can be controlled on the piston thanks to a red LED indicator.

Rubber suckers with high sealing, diameter mm 300.

For vertically lifted weights up to 250 kg

With 1 sucker.

4499LR	Each	899,00
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MOUNTING AND TRANSPORT SUCKERS

Prod. SCU

High-sealing, rubber suckers, diameter 120mm, swinging. Body in die-cast aluminium and handle with groove for accommodating pulling straps with width 25mm. Particularly indicated for carrying, assembling and removing crystals, curved glasses, body's parts and for holding surfaces which are not flat.

With 2 suckers, load 60kg.

4499P Each **158,00**

For assembling belts see Art. 4489 A - 4489 E.

Spare suckers for Art. 4499 P.

O4499P Each **24,20**

SCU

4499P



Apt for carrying plates with smooth surfaces such as glass, plastic, metal, etc. Made in die-cast aluminium. High-sealing, rubber suckers, diameter 120mm, swinging from 90° to 270°, by means of articulated handle. Type with 2 suckers capacity 60 Kg.

4499S Each **158,00**

Spare suckers for Art. 4499 S.

O4499S Each **24,20**

SCU

4499S



SHARPENED CENTRE BITS

Prod. SCU

In alloyed steel. Flat type, guide bit.

Finely polished and well sharpened.

Hexagonal shaft 1/4" DIN 3126 E6,3.

Overall length 150mm.

For bores Ø	mm	6	8	10	12	14	16	18
4509G	Each	1,70	1,70	1,70	1,80	1,94	2,14	2,26
For bores Ø	mm	20	22	24	25	26	28	30
4509G	Each	2,42	2,60	2,80	3,02	3,14	3,14	3,42
For bores Ø	mm	32	35	38				
4509G	Each	3,70	4,02	4,64				

Extension with length 300mm for Art. 4509 G.

O4509G Each **9,68**

SCU

4509G



UNIVERSAL FORSTNER BITS

Prod. SCU

Model with cylindrical shaft Ø 8mm (Ø 10mm for dimensions from 32 to 40).

Overall length: 90mm.

To be used with electric drills.

In wolfram steel - finely polished.

For precision drilling particularly suited to stratified woods.

Centre point and two cutting edges.

For bores Ø	mm	10	12	14	15	16	18	20	22
4511G	Each	11,40	11,40	12,30	12,30	12,30	13,10	13,20	14,70
For bores Ø	mm	24	25	26	28	30	32	35	40
4511G	Each	15,50	16,20	16,20	17,50	18,50	20,30	25,10	29,40

Model with cylindrical shaft Ø 8mm (Ø 10mm for dimension 35).

Overall length 90mm.

To be used with electric drills.

In wolfram steel - finely polished.

For precision drilling particularly suited to stratified woods.

Centre point and two cutting edges.

Set of No.5 bits Art. 4511 G dimensions: 16 - 20 - 25 - 30 - 35mm.

In plastic bag.

4511GE Series **93,90**

SCU

4511G



SCU

4511GE





4512G SCU



In wolfram steel. Finely polished.
Suitable for precision drilling and removal of nodi in wooden tables.
Centre point and toothed cutting edges. For use with drilling machine.
Overall length 90mm.
Cylindric drive Ø 8mm from Ø 18-30mm.
Cylindric drive Ø 10mm from Ø 35-45mm.

For bores Ø	mm	18	25	26	28	30	35	40	45
4512G	Each	14,50	18,70	18,70	19,10	19,20	19,80	21,30	24,50

Size mm 18 running out of stock.

4515GA SCU



For use with drilling machines and portable drills.
In high resistance alloyed steel. Finely polished.
To drill hardwood, laminated plastic, synthetic materials.
With centre point, 2 cutting edges and 2 side carvers.
Overall length 90mm.
Cylindric drive Ø 8mm from Ø 10-20mm.
Cylindric drive Ø 10mm from Ø 22-50mm.

For bores Ø	mm	10	12	14	15	16	18	20
4515GA	Each	17,10	17,10	18,70	18,70	18,70	19,70	20,10
For bores Ø	mm	22	24	25	26	28	30	32
4515GA	Each	22,20	23,40	24,50	24,50	26,40	28,10	30,70
For bores Ø	mm	35	40	45	50			
4515GA	Each	37,90	44,50	56,10	60,10			

TENON CUTTERS

4516GA SCU



Prod. SCU
In WOLFRAM steel. Ground cutting edges. Ideal to plug holes. Also suitable for large diam holes.

Overall length 140mm.
Cylindric drive Ø 13x50mm from Ø 10-30mm.
Cylindric drive Ø 16x50mm from Ø 35-50mm.

For inserts Ø	mm	10	15	20	25	30	35	40
4516GA	Each	65,30	69,60	77,20	87,40	90,80	105,00	116,00
For inserts Ø	mm	45	50					
4516GA	Each	132,00	153,00					

CARBIDE-TIPPED MILLING CUTTERS

4516GP SCU



HARTMETALL

Prod. SCU
Short pattern, heavy duty, centre point and 2 carbide cutting edges.
Suited to any kind of hardwood and laminated plastic.
Cylindric drive Ø 8x25mm. Overall length 57mm.

For bores Ø	mm	25	26	30	35
4516GP	Each	24,90	24,90	24,90	24,90

4517G SCU



HARTMETALL

Short pattern. Heavy duty. In hardened alloyed steel.
2 carbide cutting edges.
Centre point in HSS.
Suited to any kind of hardwood and laminated plastic.
Cylindric drive Ø 8x30mm. Overall length 60mm.

For bores Ø	mm	20	25	26	30	35
4517G	Each	27,40	28,70	29,50	31,30	32,60

4517GL SCU



HARTMETALL

Long pattern. For professional and industrial applications.
2 guide cutting edges, 2 drilling cutting edges and centre point in carbide.
To obtain highly precise bores in non-ferrous materials.
Cylindric drive Ø 10mm. Overall length 90mm.

For bores Ø	mm	15	20	22	25	26	30	35
4517GL	Each	56,40	59,20	59,20	63,20	63,20	68,80	73,20
For bores Ø	mm	40	45	50				
4517GL	Each	83,70	123,00	152,00				

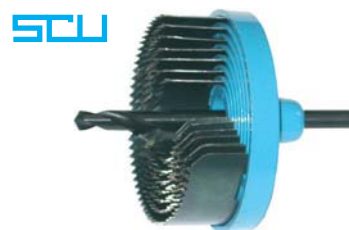


BLADE HOLE SAWS

Prod. SCU

With 7 ring band blades, for making round holes and disks. In natural and synthetic wood.
 With 1 drill for centring Ø 6mm.
 Band blades diameter: 26-32-38-45-50-56-63mm.
 Connection Ø 6mm. Each blade can perform one of the above-mentioned diameters.
 To be used with portable electric drills.

Cutting depth	mm	18
4518A	Each	4,04



4518A

Product description as Art. 4518A

Cutting depth	mm	42
4518B	Each	4,90



4518B

ADJUSTABLE CENTRE BITS

Prod. SCU

Professional type. Finely polished. Provided with two movable knives. For use with battery-operated, electric, manual, column drills, etc.

Size		2
For bores by	mm	22-76
Drive Ø	mm	13 cyl..
Overall length	mm	185
4521G	Each	115,00



4521G

DRILLS WITH CENTER POINT AND HEXAGON SHANK

Orig. Völkel - Art. 676

HSS, completely milled, brad point bit and two cutting edges.
 Suitable for normal, hard, plywood, well-cured, synthetic and plastic coated wood.
 For drilling machines and screws, both electrical and battery-operated.
 With 1/4" hexagonal drive DIN 3126 C 6,3, for use with bit holder
 (see Art. 1995 GA and Art. 1996 G).

For bores Ø	mm	3	4	5	6	8	10
Overall length	mm	38	44	50	50	51	54
4525GA	Each	4,50	4,50	4,50	4,64	5,44	7,04



HSS 1/4"

4525GA

Orig. Völkel - Art. 67101

Assortment of 12 bits.
 Contents:
 1 pcs. per type wood bits Art. 4525 GA Ø 3-4-5-6-8-10mm
 1 pcs. per type metal bits Art. 8665 Ø 3-4-5-6-8-10mm.
 In plastic case.

4525GB	Each	65,40
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HSS 1/4"

4525GB

MACHINE DRILLS WITH CENTER POINTS

Prod. SCU

In CHROME VANADIUM steel, completely milled, brad point bit and two cutting edges.
 Suitable for normal wood. For stationary and portable drilling machines.
 Cylindric drive.

For bores Ø	mm	3	4	5	6	7	8	9
Drive Ø	mm	3	4	5	6	7	8	9
Overall length	mm	60	75	86	95	104	110	120
4526G	Each	1,28	1,28	1,38	1,38	1,56	1,80	2,22
For bores Ø	mm	10	12	13	14	15	16	18
Drive Ø	mm	10	10	10	10	10	10	10
Overall length	mm	120	145	150	160	165	175	190
4526G	Each	2,42	3,12	3,80	4,80	5,12	6,12	12,60
For bores Ø	mm	20	22	24	26	28	30	
Drive Ø	mm	10	13	13	13	13	13	
Overall length	mm	200	200	220	220	220	220	
4526G	Each	16,70	19,10	20,90	22,90	25,10	27,10	



4526G



SETS OF MACHINE DRILLS FOR WOOD

4526GE **SCU**



Prod. SCU

Set of 5 bits Art. 4526G dimensions: 4-5-6-8-10mm. In plastic case.

4526GE	Each	10,60
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4526GF **SCU**



Set of 8 bits Art. 4526G dimensions: 3-4-5-6-7-8-9-10mm. In plastic case.

4526GF	Each	15,70
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MACHINE DRILLS FOR PLYWOOD

4528GF **SCU**



Prod. SCU

In CHROME VANADIUM steel. Finely polished.

Centre point and two side cutting edges, for precise drilling.

Suitable for plywood, well-cured, synthetic and plastic coated wood.

To be used on stationary and portable drilling machines.

Cylindric drive.

For bores Ø	mm	12
Drive Ø	mm	8
Overall length	mm	140
4528GF	Each	6,82

Product running out of stock.

CARBIDE TIPPED DRILLS

4528GT **SCU**



HARTMETALL

Prod. SCU

In CHROME VANADIUM steel. Centre point and two carbide side cutting edges. Precise drilling.

For any kind of hardwood and laminated plastic. To be used on stationary and portable drilling machines.

Cylindric drive.

For bores Ø	mm	4	12
Drive Ø	mm	4	12
Overall length	mm	80	155
4528GT	Each	39,30	59,20

Product running out of stock.

SLOT MORTISING BITS

4529GD **SCU**



Prod. SCU

Type with two cutting edges. Chip breaker. For use with drilling machine.

High speed. Bits suitable to work any kind of wood in any direction.

Alternated cutting edges pulverize chips avoiding tip overheating.

Drive diam. 16x50mm.

Right rotation.

Ø	mm	6	7	8	9	10	11	12
4529GD	Each	12,80	14,10	12,80	14,00	12,80	14,10	14,10
Ø	mm	13	14	15	16	17	18	20
4529GD	Each	17,00	15,50	16,80	16,80	19,80	20,80	23,20
Ø	mm	22	24	26	28	30		
4529GD	Each	28,60	31,40	37,20	39,10	53,20		

Size mm 17 running out of stock.

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Prices in EURO . VAT not included



Product description as Art. 4529GD

Left rotation.

Ø	mm	6	7	8	9	10	11	12
4529GS	Each	12,80	14,10	12,80	14,00	12,80	14,10	14,10
Ø	mm	13	14	15	16	17	18	19
4529GS	Each	17,00	15,50	16,80	16,80	19,80	20,80	22,30
Ø	mm	20	22	24	26	28	30	
4529GS	Each	23,20	28,60	31,40	37,20	39,10	53,20	

Sizes mm 17 and 19 running out of stock.

SCU

4529GS



FLARING WOOD CUTTERS

Prod. SCU

In hardened alloy steel.
Burnished finish. Plastic handle. Conical cutter head dia. 12mm.

4530G	Each	6,84
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SCU

4530G



Wolfram steel, with multiple cutting edges.

Cylindrical shank Ø 8mm (size 10mm only: shank Ø 6mm). For use with electric drills.

Max Ø	mm	10	12	16	19
Overall length	mm	50	50	50	50
4530GB	Each	3,08	3,54	3,54	4,38

SCU

4530GB



Wolfram steel. Bent to 90° with multiple cutting edges.

Cylindrical shank Ø 8mm.

For use with electric, static and portable drills.

Max Ø	mm	10	13	16	20	30
Overall length	mm	70	80	90	100	110
4531G	Each	10,70	11,20	11,90	14,20	19,90

SCU

4531G



SLOT DRILLS WITH BORE

Prod. SCU

Wolfram special steel. With multiple cutting edges, bent to 90°.
To be used as milling cutter, or depth adjuster, combined with drills for wood and gimlets. Fixed by socket-head cap screw.

Total length 25mm.

For tips Ø	mm	3	4	5	6	8	10
Countersink Ø	mm	16	16	16	16	16	16
4533G	Each	6,98	7,08	7,22	7,32	7,64	12,90

SCU

4533G



ASSORTMENTS OF SLOT DRILLS WITH BORE

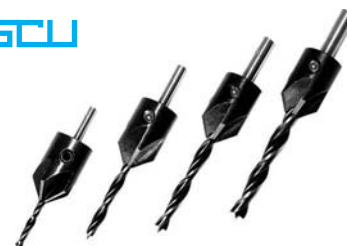
Prod. SCU

Assortment of 4 cutters Art. 4533 G 3-4-5-6mm.
Complete with drills for wood dia. 3-4-5-6mm.
Fixed by socket-head screw. Countersink dia. 16mm.
In wooden box.

4536G	Each	38,20
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SCU

4536G



GIMLETS SWISS PATTERN

Prod. SCU

In steel, with eye.

Ø	mm	2	2,5	3	4	5	6	8
4540G	Each	1,30	1,30	1,30	1,52	1,86	3,08	6,78

SCU

4540G



CARPENTER'S AUGERS

Prod. SCU

In special steel. With eye drive.
Hardened and polished operating part.
Swiss pattern.

For bores Ø	mm	10	16	20	22	24	26	28
Overall length	mm	275	320	370	380	400	430	445
4550G	Each	18,50	28,90	39,60	53,80	58,50	70,80	82,30

SCU

4550G



Product running out of stock.



HAND TIP DRILLS FOR WOOD

4551G **SCU**



Prod. SCU

In special steel. With eye drive.
Particularly deep spiral helix. Hardened and polished operating part.

For bores Ø	mm	12	14	16	18	20
Overall length	mm	450	450	450	450	450
4551G	Each	27,40	28,90	30,70	35,50	39,30

AUGER BITS

4557G **MARVEL**



Orig. Marvel

Professional type for multipurpose applications.
For portable and fixed drilling machines, hexagonal drive.
In special alloyed steel, completely hardened. Very deep hollow center flute for fast and effective chip removal. Assure deep and highly precise drilling.
Short pattern.

For bores Ø	mm	6	8	10	12	14	15	16	18	20	22	24	26	30
Overall length	mm	160	160	170	180	190	190	190	200	210	210	210	210	210
Hexagonal drive	mm	6	6	6	6	6	6	6	9	9	9	9	9	9
4557G	Each	15,80	15,80	15,80	15,80	18,90	18,90	18,90	21,70	25,60	25,60	31,90	35,60	39,00

4558GA **MARVEL**



Professional type for portable and fixed drilling machines.
For carpenters, electricians, installers, etc.
Very high quality, suitable for any kind of wood.
In special alloyed steel, full length heat-treatment.
Hexagonal drive for any drill spindle (only 6 mm with cylindrical shank).
Very deep and stable hollow center flute for rapid, deep and very precise boring.
Flute dents to check depth during boring (except 6 and 8mm).

Middle-size pattern.

For bores Ø	mm	6	8	9	10	12	14	15	16	18	20	21	22	24	27	30
Overall length	mm	210	225	240	250	270	290	290	290	330	330	330	330	330	330	330
Drive	mm	6	6	6	6	9	9	9	9	9	10,5	10,5	10,5	10,5	10,5	10,5
4558GA	Each	24,80	24,80	24,80	24,80	24,80	29,90	29,90	29,90	34,90	39,80	39,80	39,80	48,30	53,80	59,10

4558GB **MARVEL**



Professional type for portable and fixed drilling machines.
For carpenters, electricians, installers, etc.
Very high quality, suitable for any kind of wood.
In special alloyed steel, full length heat-treatment.
Hexagonal drive for any drill spindle.
Very deep and stable hollow center flute for rapid, deep and very precise boring.
Flute dents to check depth during boring.

Long pattern.

For bores Ø	mm	10	12	14	15	16	18	20	22	24	26	28	30
Overall length	mm	400	400	400	400	400	400	400	400	400	400	400	400
Drive	mm	9	9	9	9	9	10,5	10,5	10,5	10,5	10,5	10,5	10,5
4558GB	Each	39,50	39,50	47,80	47,80	47,80	55,40	63,50	63,50	74,30	82,70	82,70	91,20

Spare extensions 450mm with hexagonal drive 10.5mm for Art. 4558 GA-B 20mm to 30mm.

O4558GB	Each	41,10
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4559GE **SCU**



Prod. SCU

Medium size pattern, multi-purpose, for portable and fixed drilling machines.
Deep hollow center flute. In special steel, hardened and ground.
Hexagonal drive (only 6mm supplied with cylindrical drive). Overall length: 235mm.

For bores Ø	mm	6	8	10	12	14	16	18
Drive	mm	6	7	9	11	12	12	12
4559GE	Each	7,22	7,22	7,22	7,82	8,22	9,30	10,60
For bores Ø	mm	20	22	24	26	28	30	32
Drive	mm	12	12	12	12	12	12	12
4559GE	Each	11,40	12,50	14,20	15,90	18,40	21,20	24,10

4559GF **SCU**



Medium size pattern, multi-purpose, for drilling machines.
Deep hollow center flute. In special steel, hardened and ground.
SDS-plus drive.

For bores Ø	mm	6	8	10	12	14	16	18
Overall length	mm	200	200	235	235	235	235	235
4559GF	Each	15,50	15,50	15,70	17,20	19,40	22,10	25,10
For bores Ø	mm	20	22	24	26	28	30	32
Overall length	mm	235	235	235	235	235	235	235
4559GF	Each	26,40	30,40	32,30	40,10	44,30	50,90	61,50

Sizes mm 28, 30 and 32 running out of stock.

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Long pattern, multi-purpose type, for portable and fixed drilling machines.
Deep hollow center flute. In special steel, hardened and ground.
Hexagonal drive. Overall length: 460mm.

SCU

4559GL

For bores Ø	mm	8	10	12	14	16	18	20
Drive	mm	7	9	11	12	12	12	12
4559GL	Each	14,40	14,40	15,20	16,70	19,70	21,20	23,30
For bores Ø	mm	22	24	26	28	30	32	
Drive	mm	12	12	12	12	12	12	
4559GL	Each	25,10	27,40	32,80	37,60	44,70	53,60	



Long pattern, multi-purpose.
Deep hollow center flute. In special steel, hardened and ground.
SDS-plus drive. Overall length: 400mm.

SCU

4559GS

For bores Ø	mm	10	12	14	16	18	20	22	24
4559GS	Each	21,30	22,60	25,10	27,60	30,50	32,90	35,90	39,10



Longer tips available on request.

WOODEN DRILLS

Prod. SCU

In CHROME VANADIUM steel, cylindric drive. Suited to drill two holes in one step in frameworks and beams even of hardwood.
Overall length: 400mm.

SCU

4559GZ

For bores Ø	mm	6	8	10	12	14	16	18
Drive Ø	mm	5	6	8	8	10	10	10
4559GZ	Each	7,40	7,54	8,92	11,60	13,20	15,40	18,70
For bores Ø	mm	20	22	24				
Drive Ø	mm	10	10	12				
4559GZ	Each	25,20	33,50	39,20				



Product description as Art. 4559GZ
Overall length: 600mm.

SCU

4600G

For bores Ø	mm	8	10	12	14	16	18	20	22	24
Drive Ø	mm	6	8	8	8	10	10	10	10	12
4600G	Each	9,20	10,70	13,10	14,70	17,00	20,50	26,60	36,10	41,30



ANUBA COMBINATED WOODEN DRILLS

Prod. SCU

In special steel, hardened and ground.
Small spiral flute for drilling, bigger flute for countersinking holes in wood, for countersink-head screw seats. Cylindrical shank.

SCU

4610G

Ø	mm	5,7	6,7	7,2	7,7	8,7	9,8
d	mm	4,8	5,8	6,3	6,7	7,7	8,8
LT	mm	145	155	165	165	165	165
l	mm	21	23	24	30	30	30
L	mm	39	45	51	55	55	60
4610G	Each	9,40	9,88	10,30	10,50	11,70	13,10



HANDSAWS

Prod. SCU

Close grip. Blade in rolled and hardened steel.
Alternating and sharpened teeth.
Hardwood handle.

SCU

4702G

Blade length	mm	300	350	400	450	500	600
4702G	Each	9,02	9,50	10,00	11,10	12,30	15,30



Close grip. Blade in rolled and hardened steel.
Alternating and sharpened teeth.

SCU

4702GP

Synthetic material handle.

Blade length	mm	300	350	400	450	500	600
4702GP	Each	7,16	7,60	8,08	9,10	10,50	13,70



SPECIAL HANDSAWS

Prod. SCU

Close grip.
Blade in special steel. Induction hardened teeth, alternated and sharpened.
Suitable to cut wood, plastic, rolled steel sections, plywood, etc.
Synthetic material handle.

SCU

4704GC

Blade length	mm	400	500
4704GC	Each	10,10	12,30



**4704GE** SCU

Close grip.
Blade in special steel. Induction hardened teeth, alternated and sharpened.
Suitable to cut wood, plastic, rolled steel sections, plywood, etc.
Synthetic dual component material handle.

Blade length	mm	400	500
4704GE	Each	14,10	16,30

4704GL SCU

Close grip.
Long blade in special steel, induction hardened spaced and alternated teeth. Also suitable to cut concrete. Blade length: 700mm.

Hardwood grip and reinforced blade fixing.

4704GL	Each	30,50
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4704GP SCU

Close grip.
Special steel blade, rounded and toothed tip. Induction hardened alternated and sharpened toothing. Suited to cut wooden and PVC boards, plywood, laminated plastic, etc.
Length: 370mm.

Synthetic material handle.

4704GP	Each	12,30
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4704GT SCU

Straight handle.
Conic-shaped blade with special steel tip. Induction hardened toothing, alternated and sharpened. Suited to cut plasterboard.
Blade length: 170mm.

Wooden handle.

4704GT	Each	5,44
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BACK SAWS**4705G** SCU

Prod. SCU
In rolled and hardened steel.
Alternated teeth. Fine toothed.
Reinforced back. Hardwood close handle.

Blade length	mm	300	350	400
4705G	Each	9,80	11,10	12,40

When stocks last, the closed grip will be provided in synthetic material.
Size mm 400 running out of stock.

COMPASS SAWS**4711G** SCU

Prod. SCU
In rolled and hardened steel, for wood.
Sharpened and alternated teeth. Hardwood handle.

Blade length	mm	300
4711G	Each	10,20

BACK SAWS**4720G** SCU

Prod. SCU
In rolled and hardened steel.
Alternated teeth. Fine toothed.
Straight fixed handle

Blade length	mm	250	300
4720G	Each	4,32	5,08

4724G SCU

Product description as Art. 4720G
Straight revolving handle

Blade length	mm	250
4724G	Each	9,60

VENEER CUTTERS**4725G** SCU

Prod. SCU
In rolled and hardened steel.
Alternated teeth. Overall length: 190mm. Blade length: 75mm.
Wooden handle

4725G	Each	9,60
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ARC SAWS WITH HANDLE

Prod. SCU

In rolled steel tubing. Polished lacquering.
Close grip in synthetic material.
Overall length: 560mm.
Complete with 400mm blade.

SCU

4730



4730	Each	7,70
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Spare blades for Art. 4730.

O4730	Each	1,92
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UNIVERSAL ARC SAWS

Prod. SCU

In rolled steel tubing.
Polished lacquering.
Symmetric arc with galvanized bar for blade stretching.
Complete with blade.

SCU

4750



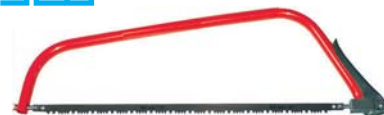
Blade length	mm	700	800	900
4750	Each	8,06	8,44	10,10

Revolving blade.

In rolled steel tubing. Polished lacquering.
Complete with 530mm blade.

SCU

4752



4752	Each	7,50
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SPARE BLADES FOR ARC SAWS Art. 4750 - 4752.

In steel with universal teeth.
Induction hardened. Width: 20mm.

SCU

4754



For bow saw by	mm	530	700	800	900
4754	Each	2,10	2,36	2,60	2,78

BAND SAWS FOR WOOD

Prod. SCU

In extra special steel, hardened. Sharpened and alternated teeth.
Supplied in indivisible 30m rollers.

SCU

4820



Width	mm	35
Thickness	mm	0,8
Pitch	mm	9
4820	Each	134,00

Product running out of stock.

CIRCULAR SAWS FOR WOOD

Orig. Schumacher - Art. CV

Normal toothing.
In high resistance CHROME VANADIUM steel.
Hardened, ground, calibrated, alternated and sharpened blade. Ready for use.
Universal application.

H.O. Schumacher + Sohn

4831G



Type		350
Ø	mm	350
Thickness	mm	1,8
Teeth	No.	80
Bore	mm	30
4831G	Each	48,10

Product running out of stock.

Prod. SCU - Art. B

Toothing like the beak of a little owl.
In high resistance CHROME VANADIUM steel.
Hardened, ground, calibrated, alternated and sharpened blade. Ready for use.
Universal application.

SCU

4833G



Ø	mm	600
Thickness	mm	2,8
Teeth	No.	56
Bore	mm	30
4833G	Each	169,00

Product running out of stock.



CARBIDE TIPPED CIRCULAR SAWS

4840G SCU

HARTMETALL

Prod. SCU

FOR USE WITH PORTABLE MACHINES

Universal application. Alternate sharpening. Suitable to cut hardwood and softwood, plywood, coated boards, etc. Accurately worked and braced plates. Calibrated housing with ground hole and a very effective kerf blade guarantee a higher break resistance and efficiency.



Type		130A	130B	134A*	134B	140A*	140B	150A	150B
Ø	mm	130	130	134	134	140	140	150	150
Thickness	mm	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8
Bore	mm	16	16	20	20	20	20	16	16
Teeth	No.	12	18	12	18	12	18	12	20
For machines brand		Bosch-Skil		AEG-Holz Her		B + D-Peugeot	Bosch-Skil	Bosch-Scheer	
4840G	Each	22,40	28,20	20,80	27,40	21,70	30,30	27,10	35,10
Type		150L	150P	156A*	160A	160B	160L	160P	170A*
Ø	mm	150	150	156,5	160	160	160	160	170
Thickness	mm	2,8	2,8	2,4	2,8	2,4	2,8	2,4	2,8
Bore	mm	20	20	12,7	16	16	20	20	20
Teeth	No.	12	20	12	14	20	12	20	14
For machines brand		AEG-Fein-Hitachi-Metabo-Scheer-Peugeot-Skil		B + D	B + D-Peugeot-Scheer-Skil-Ulmia-Bosch		AEG-Fein-Haffner-Holz Her-Kress-Mafell-Metabo-Makita-Festo-Hitachi		Mafell-Metabo-Makita
4840G	Each	27,10	35,10	53,50	30,70	35,80	30,70	35,80	29,20
Type		170B*	170L*	170P*	180A*	180B	180L*	180P	184A*
Ø	mm	170	170	170	180	180	180	180	184
Thickness	mm	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8
Bore	mm	20	30	30	20	20	30	30	16
Teeth	No.	22	14	22	14	22	14	22	14
For machines brand		Mafell-Metabo-Makita	Bosch-Elu-Festo-Haffner-Hitachi-Holz Her-Skil		Haffner-Makita-Metabo-Peugeot		Bosch-Elu-Festo-Haffner-Holz Her-Mafell		B + D-Rockwell-Skil-Stanley-De Walt-Peugeot
4840G	Each	34,90	29,20	34,90	29,20	39,70	29,20	39,70	28,60
Type		184B	190A	190B	190L	190P	190S	190T	200A*
Ø	mm	184	190	190	190	190	190	190	200
Thickness	mm	2,4	2,8	2,6	2,8	2,6	2,8	2,8	2,8
Bore	mm	16	16	16	20	20	30	30	30
Teeth	No.	22	14	30	14	30	14	30	16
For machines brand		B + D-Rockwell-Skil-Stanley-De Walt-Peugeot	Bosch-Skil		Makita-Metabo-Schleicher-Kress		AEG-Bosch-Hitachi-Holz Her-Mafell-Scheer-Skil-De Walt-Elu-Festo-Makita-Peugeot		AEG-Bosch-Elu-Festo-Haffner-Holz Her-Mafell-Scheer-B + D-Emco-Kity-Peugeot-Ulmia
4840G	Each	39,10	35,10	48,60	35,10	48,60	35,10	48,60	35,60
Type		200B	210A*	210B*	230A	230B	240A*	240B	
Ø	mm	200	210	210	230	230	240	240	
Thickness	mm	2,8	2,8	2,8	3	2,8	2,8	2,8	
Bore	mm	30	30	30	30	30	30	30	
Teeth	No.	30	16	30	20	34	16	34	
For machines brand		AEG-Bosch-Elu-Festo-Haffner-Holz Her-Mafell-Scheer-B + D-Emco-Kity-Peugeot-Ulmia	AEG-B + D-Bosch-Elu-Fein-Haffner-Hitachi-Holz Her-Kress-Mafell-Skil-Elektra-Metabo		AEG-B + D-Bosch-Festo-Haffner-Holz Her-Scheer-Mafell		AEG-Bosch-Elu-Festo-Hitachi-Mafell-Holz Her-Metabo-Scheer-De Walt		
4840G	Each	46,80	36,10	43,70	49,10	53,70	50,50	63,10	

The thickness and number of saw teeth may vary slightly to meet manufacturing requirements.

* Sizes mm running out of stock.



FOR USE WITH STATIC MACHINES

Universal application. Alternate sharpening. Suitable to cut hardwood and softwood, plywood, coated boards, etc. Accurately worked and brased plates. Calibrated housing with ground hole and a very effective kerf blade guarantee a higher break resistance and efficiency.

Middle toothing (for hardwood, multilayer wood and hardboards).

Ø	mm	250	300	350	400
Thickness	mm	3,2	3,2	3,5	3,5
Bore	mm	30	30	30	30
Teeth	No.	40	48	54	60
4843G	Each	116,00	140,00	173,00	208,00

SCU HARTMETALL

4843G



Product description as Art. 4843G

Fine toothing (suitable for soft wood, multilayer wood and coated panels).

Ø	mm	250	300	350	400
Thickness	mm	3,2	3,2	3,5	3,5
Bore	mm	30	30	30	30
Teeth	No.	60	72	84	96
4844G	Each	157,00	188,00	230,00	276,00

SCU HARTMETALL

4844G



Product description as Art. 4843G

Very fine toothing (suitable for plywood, formica, resopal and plexiglas).

Ø	mm	250	300	350
Thickness	mm	3,2	3,2	3,5
Bore	mm	30	30	30
Teeth	No.	80	96	108
4845G	Each	188,00	218,00	272,00

SCU HARTMETALL

4845G



FOR USE WITH STATIC MACHINES

Type for longitudinal and transversal cuts. The special tooth geometry, with high discharge, allows quick cuts in all natural, multilayer and coated woods. Accurately worked and brased plates. Calibrated housing with ground hole and a very effective kerf blade guarantee a higher break resistance and efficiency.

Ø	mm	250	300	350	400
Thickness	mm	3,2	3,2	3,5	3,5
Bore	mm	30	30	30	30
Teeth	No.	24	28	32	36
4848G	Each	90,60	109,00	163,00	159,00

SCU HARTMETALL

4848G



FOR USE WITH STATIC MACHINES

Model suitable for building and carpentry applications. Reinforced bevelled toothing. To cut wooden frameworks and boards even with residual concrete and nails. Accurately worked and brased plates. Calibrated housing with ground hole.

Ø	mm	300	350	400
Thickness	mm	3,2	3,6	3,8
Bore	mm	30	30	30
Teeth	No.	20	24	28
4850G	Each	98,70	125,00	148,00

SCU HARTMETALL

4850G





TROWELS

4851B

SCU

**Prod. SCU**

Optimal price/quality ratio. In hardened steel, flexible. Wooden handle.
Rounded narrow.

Blade length	mm	180	200	220
4851B	Each	4,14	4,72	5,32

4851C

SCU



Product description as Art. 4851B

Rounded.

Blade length	mm	180	200	220
4851C	Each	5,14	5,36	5,60

4851D

SCU



Product description as Art. 4851B

Square.

Blade length	mm	180	200	220
4851D	Each	5,02	5,32	5,60

4851GA

SCU



In hardened special steel. High flexibility. Ergonomic handle in dual component material, finger guard.

Rounded narrow.

Blade length	mm	180	200	220
4851GA	Each	11,40	11,80	12,40

4851GE

SCU



Product description as Art. 4851GA

Square.

Blade length	mm	180	200	220
4851GE	Each	11,40	12,10	12,60

SMALL TROWELS

4851GF

SCU

**Prod. SCU**

Product description as Art. 4851GA

Round-tip type (cat's tongue).

Blade length	mm	140	160
4851GF	Each	8,58	8,58

4851GL

SCU



Product description as Art. 4851GA

Pointed.

Blade length	mm	140
4851GL	Each	8,98

TROWELS

4852GA

SCU

**Prod. SCU**

In special hardened steel. High flexibility. Wooden handle.
Rounded narrow.

Blade length	mm	180	200	220
4852GA	Each	11,30	11,70	12,50

4852GB

SCU



Product description as Art. 4852GA

Rounded.

Blade length	mm	180	200	220
4852GB	Each	10,90	11,70	12,20

Product running out of stock.



Product description as Art. 4852GA

Square.

Blade length	mm	180	200	220
4852GE	Each	11,10	11,80	12,20


TROWELS
Prod. SCU

Product description as Art. 4852GA

Round-tip type (cat's tongue).

Blade length	mm	140	160
4852GF	Each	8,34	8,34



Product description as Art. 4852GA

Pointed.

Blade length	mm	140	160
4852GH	Each	9,04	9,16



Product description as Art. 4852GA

Square.

Blade length	mm	140	160
4852GL	Each	9,40	10,80


TROWELS FOR CORNERS
Prod. SCU

In stainless steel. Ergonomic two-component handle with finger protection.

Type for machining the inner corners.

Blades dimensions	mm	100x75x 75
4853GA	Each	11,80



Product description as Art. 4853GA

Type for machining of the outer corners.

Blades dimensions	mm	100x75x 75
4853GB	Each	11,80


TROWELS FOR JOINTS
Prod. SCU

In special hardened steel. Wooden grip.

Type with flat section blade.

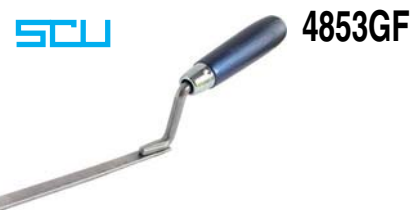
Blades width	mm	8	10	12
4853GE	Each	3,98	3,98	3,98



Product description as Art. 4853GE

Type with half round section blade.

Blades width	mm	8	10	12
4853GF	Each	14,10	14,10	14,40





FLOATS

4854A

SCU



Prod. SCU

Wooden handle.

In special steel, smooth blade. Dimensions: 280x130mm.

4854A Each 6,56

4854B

SCU

INOX



Product description as Art. 4854A

In stainless steel, smooth blade. Dimensions: 280x130mm.

4854B Each 9,46

4854D

SCU



Product description as Art. 4854A

In special steel, toothed blade square (Greek), on the right. Dimensions 280x130 mm.

Side square tothing	mm	6	8	10
4854D	Each	6,80	6,80	6,80

4854E

SCU



Product description as Art. 4854A

In special steel, saw-toothed blade (5x5mm). Dimensions: 280x120mm.

4854E Each 16,60

Product running out of stock.

4854F

SCU



Product description as Art. 4854A

In special steel, square-toothed blade (8x8mm). Dimensions: 280x120mm.

4854F Each 15,10

Product running out of stock.

4854G

SCU



Handle and smooth blade entirely of reinforced plastic.

Dimensions 280x140 mm.

4854G Each 5,70

4854L

SCU



Long wooden handle, suitable for use with 2 hands.

In special steel, smooth blade. Dimensions 480x130 mm.

4854L Each 17,50

4854M

SCU



Product description as Art. 4854L

In special steel, toothed blade square (Greek). Dimensions 480x130 mm.

Side square tothing	mm	6	10
4854M	Each	20,10	20,10

12



Type in hard rubber sponge, suitable for plaster smoothing. Plastic handle.

Dimensions: 210x130mm.

4854R Each **14,20**

SCU

4854R



Product description as Art. 4854R

Dimensions: 235x100mm.

4854S Each **10,80**

Product running out of stock.

SCU

4854S



Product description as Art. 4854R

Dimensions: 400x70mm.

4854T Each **12,40**

Product running out of stock.

SCU

4854T



Type in soft sponge rubber, particularly suitable for smoothing of the plaster.

Plastic handle. Dimensions 280x140 mm.

4854VA Each **8,04**

SCU

4854VA



Type in completely smooth plywood.

Length	mm	280	480
Width	mm	140	240
4854VE	Each	7,68	15,20

SCU

4854VE



Type completely reinforced plastic, rigid, lightweight, unbreakable, with work surface grating.

Length	mm	280	480
Width	mm	140	240
4854VF	Each	5,62	14,10

SCU

4854VF



Smooth blades in special steel, suitable for plaster of Paris application. Wooden long handle, suitable for use with 2 hands.

Dimensions: 470x70mm.

4854Z Each **38,30**

SCU

4854Z



Knurled blades in special steel, suitable for plaster of Paris, concrete, etc. application. Wooden handle and support.

Dimensions: 250x70mm.

4855G Each **24,20**

SCU

4855G



Type gridded hardened steel, galvanized. Handle in soft material, non-slip.

Dimensions 285x150 mm.

4855GE Each **27,70**

SCU

4855GE



**4855GP** SCU

Type for WASH, with sponge glued with high absorption. Plastic handle reinforced, rigid and lightweight.

Dimensions 280x140 mm.

4855GP Each 6,82

WASHING SPONGES**4855GT** SCU**Prod. SCU**

Type with high absorption, for universal use, in square shape.

Dimensions 170x115x60 mm.

4855GT Each 3,40

PLUMB BOBS**4856** SCU**Prod. SCU**

Steel cylindrical type.

Weight	grams	200	300	400	500
4856	Each	5,36	6,72	7,16	7,60

4856G **Orig. Schröder**

Brass cylindrical type. Weight: 50g.

Supplied with 5m cord.

4856G Each 8,56

WALL SCRAPERS**4895** SCU**Prod. SCU**

Type in special hardened steel, flexible. Wooden handle with hole.

Blade width	mm	20	30	40	50	60	70	80
4895	Each	2,46	2,62	2,68	2,88	2,98	3,12	3,42
Blade width	mm	100	120					
4895	Each	4,08	4,62					

4896 SCU

In hardened steel. Wooden handle.

Blade width	mm	90	120
4896	Each	4,80	6,20

Product running out of stock.

4896R SCU INOX

Type in stainless steel, flexible. Plastic handle with hole.

Blade width	mm	40	60	80	100	120
4896R	Each	2,18	2,62	3,10	3,48	4,12

4897 SCU INOX

In stainless steel. Handle in synthetic material.

Blade width	mm	40	60	80	100	120
4897	Each	8,48	9,42	10,60	11,80	14,70

4897E SCU

Type of special steel, hardened. Wooden handle. Particularly suitable for plasterers.

Blade width	mm	120	140	160	180	200
4897E	Each	4,00	4,30	4,52	4,94	5,58



Type of special steel, hardened, for universal use. With two rounded corners. Length 100 mm. Thickness 0,35 mm.

In box of 12 pieces, indivisible.

Blade width	mm	30	40	50	60	80	100	120
4897T	Each	0,38	0,42	0,44	0,48	0,56	0,64	0,70

SCU



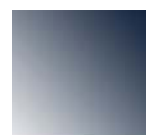
4897T

In Swedish steel. Blue hardened. Flexible. Length mm 120. Thickness mm 0,5. Supplied in 12-pcs. packing unit not sold separately.

Blade width	mm	40	70
4898	Each	0,50	0,82

Product running out of stock.

SCU



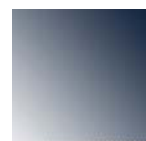
4898

In special steel, hardened, teeth for glue, mastic, etc. Length mm 80. Thickness mm 0,5.

Supplied in 12-pcs. packing unit not sold separately.

Blade width	mm	80	100	120
4899	Each	2,26	2,72	3,10

SCU



4899

Series of 4 spatulas made of special steel, hardened, for universal use, with plastic back protection.

Composition of 1 per type, width of blades 50-80 - 100 - 120 mm.

Blade length 110 mm.

4899P	Series	2,12
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SCU



4899P

In special steel, hardened. Sheet steel handle.

Width: 200mm.

Toothed blade for glue, mastic, etc.

4900	Each	9,48
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SCU



4900

BIG WALL SCRAPERS

Prod. SCU

Type stainless steel, flexible. Aluminum support and handle with soft material, non-slip. Ideal for large walls.

Blade width	mm	400	500	600
4903	Each	11,80	13,10	14,60

SCU



4903

WATER SCRAPERS

Prod. SCU

Type lightweight with soft rubber double lip. Steel support, with handle holder, galvanized. Width 600 mm Without handle.

4905A	Each	5,44
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SCU



4905A

High-resistance type with hard rubber, single-lip, suitable for use on aggressive materials.

Steel support, with handle holder, galvanized.

Width 600 mm Without handle.

4905B	Each	17,90
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SCU



4905B

Wooden handles Ø mm 24. Total length 1400 mm.

Suitable for spatulas Art. 4905 A - 4905 B.

O4905B	Each	5,66
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SOFT BRUSHES

Prod. SCU

Extra quality model, made from pure white Chinese bristle, for universal use.

Wooden handle, metal flange.

Round type.

Ø	mm	10,5	13	18	23	30	36	42
Bristles length	mm	42	50	50	62	68	74	80
4910	Each	2,38	2,66	3,08	5,14	8,64	12,90	19,10

SCU



4910

Product description as Art. 4910

Flat type. Thickness: 15mm.

Width	mm	20	30	40	50	60	80	100
Bristles length	mm	47	52	52	60	60	65	70
4912	Each	2,68	3,40	4,24	5,16	6,14	10,00	13,10

SCU



4912



4913

SCU



Extra model Nylon bristle, for universal use (also suitable for sealants).
Wooden handle, metal ring.
Flat type. Thickness 9mm.

Width	mm	30	60
Bristles length	mm	45	45
4913	Each	4,00	5,14

4915

SCU



Type Extra, pure chinese blonde bristle , for finishing, retouching, etc.
Wood handle, ferrule made of sheet.

Type flat, thin.

Width	mm	6	10	16
Bristles length	mm	18	27	33
4915	Each	0,94	1,14	1,72

4918

SCU



Type Extra, pure bristle bi-cooked, for radiator.
Hood handle, ferrule made of sheet.

Type flat, angled. Thickness 9 mm.

Width	mm	30	50
Bristles length	mm	47	52
4918	Each	2,58	3,88

LARGE SOFT BRUSHES

4920

SCU



Prod. SCU

MIX TECNOFIL model, pure bristle and synthetic bristle mix. Plastic base and handle. Metal ferrule. Resistant to solvents. With hook to hang on bins and buckets.

Dimensions 150x50 mm. Length. bristles ca. 72 mm.

4920	Each	16,50
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4922

SCU



Type with bristle in pure TAMPICO natural. Wooden base and plastic handle. Resistant to solvents and color. With hook support of bins and buckets.

Dimensions 160x70 mm. Length. bristles ca. 85 mm.

4922	Each	9,66
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METAL PLANES

5000G

SCU



Prod. SCU

Standard model. Steel blade with cut adjustment.

Length: 160mm. Iron width: 40mm.

5000G	Each	14,80
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5009G

SCU



Professional model with handle and knob. Iron in special steel. Cutting adjustment by means of a screw.

Length: 225mm. Iron width: 50mm.

5009G	Each	28,50
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5010G

SCU



Professional model with handle and knob. Iron in special steel, HRC 50-55 hardness. Cutting adjustment by means of a screw.

Length: 350mm. Iron width: 50mm.

5010G	Each	135,00
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WOODEN PLANES

Prod. SCU

Professional type. Body in precious beech wood and insole inserted in hornbeam. With single iron. Ergonomic handle. Length 240 mm.

To grind. 45 ° cutting angle.

Iron width	mm	36	39	45	48
5080	Each	29,90	30,40	36,10	36,70

Special steel spare irons for Art. 5080. Supplied with anti-rust protective film, to be removed before use.

Iron width	mm	36	39	45	48
O5080	Each	16,70	17,10	18,60	19,80

SCU

5080
new



Professional type. Body in precious beech wood and insole inserted in hornbeam. With double iron. Ergonomic handle. Length 240 mm.

To smooth and finish soft woods. 45 ° cutting angle.

Iron width	mm	45	48
5081	Each	37,80	38,60

Special steel spare irons for Art. 5081 and 5082. Supplied with anti-rust protective film, to be removed before use.

Iron width	mm	45	48
O5082	Each	23,00	25,30

SCU

5081
new



Professional type. Body in precious beech wood and insole inserted in hornbeam. With double iron. Ergonomic handle. Length 240 mm.

To finish medium and hard woods and veneered surfaces. Cutting angle 49 °.

Iron width	mm	45	48
5082	Each	40,10	40,80

SCU

5082
new



Standard model. Inserted tote and sole.

Double iron and short screw.

Length: 235mm.

Iron width	mm	44	48
5083	Each	37,70	38,50

Product running out of stock.

Spare irons for Art. 5083.

Iron width	mm	48
O5083	Each	16,80

Product running out of stock.

SCU

5083



Professional model. In precious wood, polished. Tote and sole inserted in hornbeam. Double iron and short screw.

Length: 240mm.

Iron width	mm	48
5085G	Each	66,70

Product running out of stock.

Spare irons for Art. 5085 G.

O5085G	Each	19,80
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Product running out of stock.

SCU

5085G



REBATE PLANES

Prod. SCU

Standard model. Single-iron plane.

Length: 240mm.

Iron width	mm	22	28
5099	Each	24,10	25,10

Product running out of stock.

Spare irons for Art. 5099.

Iron width	mm	22	28
O5099	Each	7,32	8,46

Product running out of stock.

SCU

5099





5105G
new

SCU



Professional model. In precious wood.
Single-iron 30mm. 45 ° cutting angle. Length: 240mm.

Iron width	mm	18	24	27	30
5105G	Each	22,10	22,80	23,50	24,10

Spare irons for Art. 5105 G.

Iron width	mm	18	24	27	30
O5105G	Each	11,90	13,10	14,10	15,30

5108G

SCU



Professional model. In precious wood.
Iron adjusting screw. Double-iron 30mm. Length: 240mm.

5108G	Each	63,10
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Product running out of stock.

Spare irons for Art. 5108 G.

O5108G	Each	18,10
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Product running out of stock.

WOODEN PLANES

5120G
new

SCU



Prod. SCU
Long pattern, double-iron type.
Body in precious beech wood and insole with hornbeam.
Cutting angle 45 °.

Iron width	mm	51	60
Length	mm	510	600
5120G	Each	73,90	85,10

Spare irons for Art. 5120 G.

Iron width	mm	51	60
O5120G	Each	27,50	29,80

MARKING GAUGES

5131G

SCU



Prod. SCU
Double-graduated model.
In precious wood, adjustable stems. Length: 210mm. Graduation range: 0-100mm.

5131G	Each	12,40
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BEVELLED CHISELS

5200G

SCU



Prod. SCU
In high resistance steel. Accurately hardened and ground. Bevelled angles.
Professional type. Shaped wooden handle

Cutting width	mm	6	8	10	12	14	15	16
5200G	Each	10,80	10,90	11,10	11,60	11,90	12,40	12,60
Cutting width	mm	18	22	25	30	32	35	
5200G	Each	13,10	14,30	15,50	16,80	18,40	19,90	

Product running out of stock.

5202G

SCU



Product description as Art. 5200G
Professional type. Ergonomic handle in rigid and soft dual component material, for optimal grip.

Cutting width	mm	6	8	10	12	14	15	16
5202G	Each	13,50	13,60	13,80	14,40	15,10	15,40	15,80
Cutting width	mm	18	20	22	25	30	32	35
5202G	Each	16,20	17,10	17,80	19,20	20,90	22,90	24,80

5208

SCU



In high resistance steel. Accurately hardened. Bevelled angles.
Normal type, wooden handle.

Cutting width	mm	4	6	8	10	12	14	16
5208	Each	5,24	6,50	6,74	6,98	7,76	8,08	8,46
Cutting width	mm	18	20	22	25	28	30	
5208	Each	8,78	9,54	10,30	11,50	12,30	13,10	

12



In high resistance steel. Accurately hardened and ground. Bevelled angles.

Extra professional model - wooden shaped handle.

Cutting width	mm	4	6	8	10	12	14	16	
5208GA	Each	15,30	15,30	15,30	15,30	16,50	16,90	17,20	
Cutting width	mm	18	20	22	25	28	30	35	
5208GA	Each	17,40	18,00	18,60	19,60	20,70	21,20	23,30	
Cutting width	mm	40							
5208GA	Each	25,10							

SCU

5208GA



Product description as Art. 5208GA

Extra professional model - Ergonomic handle in tri-component material.

Cutting width	mm	4	6	8	10	12	14	15
5209GB	Each	19,50	19,50	19,50	19,70	20,70	21,10	21,30
Cutting width	mm	18	20	22	25	30	35	40
5209GB	Each	21,70	22,30	22,80	23,90	25,40	27,50	29,50

SCU

5209GB



SETS OF BEVELLED CHISELS

Prod. SCU

9-pcs sets of bevelled chisels with wooden handle Art. 5208 supplied on a practical wooden displayer. Sizes: 6-8-10-12-16-20-25-28-30mm.

5209GP	Each	129,18
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Product running out of stock.

SCU

5209GP



9-pcs sets of bevelled chisels with wooden handle Art. 5208 GA supplied on a practical wooden displayer. Sizes: 6-8-10-12-16-20-25-28-30mm.

5209GR	Each	205,60
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SCU

5209GR



9-pcs sets of bevelled chisels with wooden handle Art. 5208 GB supplied on a practical wooden displayer.

Sizes: 6-8-10-12-15-18-20-25-30mm.

5209GS	Each	240,30
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SCU

5209GS



JOINER'S GOUGES

Prod. SCU

High resistance steel. Accurately hardened and ground. Extra quality model - Shaped wooden handle.

Cutting width	mm	8	10	12	14	16	20
5211GA	Each	27,30	28,30	29,30	30,50	31,40	33,30

SCU

5211GA



MORTISE CHISELS

Prod. SCU

High resistance steel. Accurately hardened and ground. Extra quality model - Shaped wooden handle.

Cutting width	mm	6	8	10	12
5217GA	Each	25,20	27,50	29,70	28,10

SCU

5217GA



Size mm 12 running out of stock.



MITRE SAWING APPLIANCES

5224G **SCU**



Prod. SCU

Precision execution.

Suitable for straight and oblique cuts, bent at 22.5° - 30° - 36° - 45° and 90°.

Cast body and stable base. Extension guide and universal blade for wood, plastic and aluminium.

Supplied with blade.

Blade length	mm	550
Cutting width	mm	120
Cut height	mm	120

5224G	Each	71,60
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SPARE BLADES for Art. 5224G.

O5225G	Each	15,90
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MITRE BOXES

5227GA **SCU**
5227GB



Prod. SCU

Made of birch plywood, glued and screwed sides.

To cut straight (90 °) and crooked (45 °) frames.

Art.	5227GA	5227GB
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Overall length	mm	240	300
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Each	5,64	8,10
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SCRAPERS FOR VARIOUS USES

5228GA **SCU**



Prod. SCU

Model made from synthetic material with protective blade cover. Suitable for upholsterers, plasterers, painters, etc. Straight blade, width 58mm.

Supplied with one blade.

5228GA	Each	1,18
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SPARE BLADES for Art. 5228 GA. Minimum quantity 10pcs.

O5228GB	Each	0,28
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5228GL **SCU**



Metal model with plastic handle. Particularly suitable to remove stickers, labels etc. from smooth surfaces such as windshields, glass, Crystal, marble, tiles, etc. Straight blade, 40 mm width.

With 1 steel blade. Also suppliable with plastic blades to avoid any damage to the treated surface (Art. O5228 GM).

Overall length	mm	110	210
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5228GL	Each	6,04	25,20
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REPLACEMENT BLADES for Art. 5228 GL 110/210. Supplied in packs of 10 INDIVISIBLE Steel blades.

O5228GL	Pack	4,12
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Product description as Art. O5228GL

Plastic blades.

O5228GM	Pack	4,84
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5228GM **SCU**
new



Metal type with rubber grip. Particularly suitable for glassmakers, painters, coachbuilders, etc., to detach stickers, labels, paint, etc. from smooth surfaces such as windscreens, glass, crystals, marbles, tiles, etc. Straight blade, width 100 mm.

With 1 blade. Total length mm 300.

5228GM	Each	7,92
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REPLACEMENT BLADES for Art. 5228 GM. Supplied in packs of 10 INDIVISIBLE blades.

Steel blades.

O5228GMA	Pack	4,72
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SMALL BLADES CUTTERS

5228GP **SCU**



Prod. SCU

Aluminium handle sheathed in synthetic material, blade protection cap.

Suitable to trim, snag and cut. Particularly suited to designers, decorators, etc.

Overall length: 155mm. With 1 blade.

5228GP	Each	11,80
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SPARE BLADES for Art. 5228 GP. Minimum quantity 20pcs.

O5228GR	Each	0,40
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SAFETY type with interchangeable, retractable blade. Blade exit by means of back button; blade retraction by pressing the clip. Replacement of the special hardened and sharpened steel blade, with rounded tip, by unscrewing the front metal bush. Suitable for trimming, deburring and cutting; particularly suitable for graphics, decorators, etc.

Total length mm 145.
With 1 blade.

5228GT	Each	22,80
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SPARE BLADES for Art. 5228 GT. Minimum package: 10 blades.

O5228GT	Each	1,00
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SCU

5228GT
new



UNIVERSAL TRAPEZOIDAL BLADE KNIVES

Prod. SCU

With screw fixed blade.
Supplied with 5 trapezoidal blades stored in the handle Art. O5232 GR. In die-cast aluminium. Suited to cut and scrape linoleum, cardboard, leather, plywood, plastic, etc.

Overall length with blade	mm	135
Blade thickness	mm	0,45
5231G	Each	9,34

For spare blades see Art. O5232 GR.

SCU

5231G



Practical and robust type with patented quick blade change by means of a push button.
Zinc die-cast handle.

With 1 trapezoidal blade in special steel, made in SHEFFIELD, Art. O5232 E 1.
For cutting linoleum, cardboard, leather, plywood, plastic, etc.

Overall length with blade	mm	175
Blade thickness	mm	0,65
5232E	Each	6,80

REPLACEMENT BLADES for Art. 5232 E - 5232 GP - 5233 AB. Supplied in packs of 10 INDIVISIBLE blades.

Trapezoidal type.

Blade length	mm	60
O5232E 1	Pack	4,08

Product description as Art. O5232E 1

Hook type.

Blade length	mm	52
O5232E 2	Pack	5,92

SCU

5232E
new



Heavy construction, toothed catch for rapid blade extension.
Zinc die-cast handle. Supplied with five trapezoidal blades Art. O5232 GP.
Suited to cut linoleum, cardboard, leather, plywood, plastic, etc.

Overall length with blade	mm	140
Blade thickness	mm	0,65
5232GM	Each	16,60

SCU

5232GM



Practical and robust type; rapid blade advancement, by means of a toothed slider; patented quick blade change by means of a push button.

Zinc die-cast handle.
With 1 trapezoidal blade in special steel, made in SHEFFIELD, Art. O5232 E 1.
For cutting linoleum, cardboard, leather, plywood, plastic, etc.

Overall length with blade	mm	175
Blade thickness	mm	0,65
5232GP	Each	7,50

SCU

5232GP
new



Orig. Gedore red - Art. R93210000

Professional, robust model with fast-forwarding through blade serrated button. Body in die-cast aluminium and bi-component material handle for maximum effort and comfort. Blade quick-change using button. With 5 trapezoidal blades Art. O5232 G 1. For cutting linoleum, cardboard, leather, wood, plywood, plastic, etc.

Overall length with blade	mm	175
Blade thickness	mm	0,65
5232GR	Each	23,60

REPLACEMENT BLADES for Art. 5232 GR. Supplied in packs of 12 INDIVISIBLE blades.

Blade length	mm	60
O5232GR 1	Pack	8,28

Product description as Art. O5232GR 1

Blade length	mm	53
O5232GR 2	Pack	8,28

GEDORE

5232GR



**5232GRE** SCU
new**Prod. SCU**

Professional compact type, with patented quick blade change by means of a toothed wheel.
Metal body covered in soft protective material, comfortable and non-slip. Equipped with transparent protective cap. With 3 blades Art. O5232 GP, GS and GT. Easy insertion of the blade through magnet; the loader contains max 10 pcs.
To cut linoleum, cardboard, leather, plywood, plastic, etc.

Overall length with blade	mm	150
Blade thickness	mm	0,65
5232GRE	Each	69,80

For spare blades see Art. O5232 GP a GV.

5232GZ SCU

Professional and sturdy model with blade quick change patented system.
Handle in die-cast aluminium, curved and ergonomic for max effort. Provided with safety sheath.
With five trapezoidal blades Art. O5232 GP.
Suited to cut linoleum, cardboard, leather, plywood, plastic, etc.

Overall length with blade	mm	175
Blade thickness	mm	0,65
5232GZ	Each	74,60

SPARE BLADES for Art. 5232 G - 5232 GM - 5232 GZ. Minimum pack available: 10 blades.

Blade length	mm	60
O5232GP	Each	0,66

Product description as Art. O5232GP

Blade length	mm	53
O5232GR	Each	0,64

Product description as Art. O5232GP

Blade length	mm	53
O5232GS	Each	0,96

Product description as Art. O5232GP

Blade length	mm	60
O5232GT	Each	0,88

Product description as Art. O5232GP

Blade length	mm	53
O5232GV	Each	1,12

5232GZE SCU

Professional model folding, with quick change button blade 45° to increase the speed of replacement and operator safety.
Ergonomic handle in aluminium alloy and steel saw blade head. With 1 BI-METALLIC trapezoid blade long life and high flexibility Art. O5232 GZE. Integrated strippers and locking clips to your belt.

For cutting linoleum, cardboard, leather, plastic, wood etc.

Overall length as folded	mm	90
Length as open with blade	mm	150
Blade thickness	mm	0,65
5232GZE	Each	27,20

REPLACEMENT BLADES for Art. 5232 GZE. Supplied in packs of 5 INDIVISIBLE blades.

Blade length	mm	60
O5232GZE	Pack	4,56

SAFETY UNIVERSAL KNIVES**5233AB** SCU
new**Prod. SCU**

Practical and robust type with accident prevention system. Automatic blade retraction when the operator releases the appropriate cursor. Patented quick blade change by push button. Handle in zinc die-cast. With 1 trapezoidal blade in special steel, made in SHEFFIELD, Art. O5232 E 1.
For cutting linoleum, cardboard, leather, plywood, plastic, etc.

Overall length with blade	mm	175
Blade thickness	mm	0,65
5233AB	Each	8,20



With TÜV-certified safety system. Automatic blade return as soon as the operator releases the appropriate cursor. Dual position of blade depth to use differentiated. Blunt blade profile to minimize the possibility of accidents.

Ergonomic handle made of aluminium alloy containing 1 BI-METALLIC, long life and high flexibility, trapezoid blade Art.O50233 AC.

For cutting linoleum, cardboard, leather, plastic, wood etc.

Total length from closed 170 mm.

Blade thickness	mm	0,65
5233AC	Each	15,80

SPARE BLADES for Art. 5233 AC. In packs of 5 blades, NOT SOLD SEPARATELY.

Blade length	mm	60
O5233AC	Pack	5,50

5233AC

Orig. Peddinghaus - Art. 6228011001

Professional model with safety system. Automatic blade return as soon as the operator releases the appropriate cursor. Aluminium alloy handle covered in soft rubber for a comfortable and safe grip. With trapezoidal blade 1 Art. O5233 C.

for cutting linoleum, cardboard, leather, plastic, wood etc.

Total length from closed 160 mm.

Blade thickness	mm	0,65
5233C	Each	19,90

SPARE BLADES for Art. 5233 C. In packs of 10 blades, NOT SOLD SEPARATELY.

Blade length	mm	60
O5233C	Pack	9,70

5233C

Prod. SCU

Professional lever type with safety system and protected blade that RETRACTS AUTOMATICALLY WHEN IT LOSES CONTACT WITH THE MATERIAL TO BE CUT.

Handle in aluminum alloy with lever covered in soft anti-slip rubber and locking pawl.

With 1 blade interchangeable by means of an unlocking slider placed on the head.

To cut cardboard, adhesive tape, plastic and foil films, rolls of paper, packaging rolls, etc.

Total length mm 170.

Blade thickness	mm	0,65
5233CE	Each	54,90

SPARE BLADES for Art. 5233 CE. Minimum package available: 10 blades.

Blade length	mm	60
O5233CE	Each	1,36

5233CE
new

MAX SAFETY KNIVES
Prod. SCU

Type with FIXED blade, protected by the knife body to guarantee total operator safety and integrity of the packaged material.

Suitable for cutting thin cartons, adhesive tapes, plastic and foil films, rolls of paper, etc.

Double blade in hardened and sharpened steel.

Body in plastic material, reinforced, thin, rigid, light, ergonomic; with hole for the application of lanyard, carabiner, etc.

Total length mm 120. (Indicative package 10 pcs.).

5233DA	Each	3,24
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5233DA
new


Product description as Art. 5233DA

Body in plastic material, reinforced, rigid, light, ergonomic; with hole for the application of lanyard, carabiner, etc.

Total length mm 145. (Indicative package 10 pcs.).

5233DE	Each	3,52
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5233DE
new


Type with FIXED blade, protected by the knife body to guarantee total operator safety and integrity of the packaged material.

Suitable for cutting thick cartons, adhesive tapes, plastic and foil films, rolls of paper, etc.

Double blade in hardened and sharpened steel.

Body in plastic material, reinforced, rigid, light, ergonomic; with endings suitable for quickly cutting adhesive tapes and hole for the application of a lanyard.

Total length 165 mm. (Indicative package 10 pcs.).

5233DL	Each	4,84
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5233DL
new




5233DP
new

SCU



Product description as Art. 5233DL

Single blade in hardened and sharpened steel.

Body in plastic material, reinforced, rigid, light, ergonomic; with endings suitable for quickly cutting adhesive tapes and hole for the application of a lanyard.

Total length 175 mm. (Indicative package 10 pcs.).

5233DP Each **4,84**

5233EA
new

SCU



Type with INTERCHANGEABLE blade, protected by the knife body to guarantee total operator safety and integrity of the packaged material.

Suitable for cutting thick cartons, adhesive tapes, plastic and foil films, rolls of paper, etc.

Double blade in hardened and sharpened steel.

Body in plastic material, reinforced, rigid, light, ergonomic, covered by soft non-slip rubber, with steel ends to quickly cut adhesive tapes and films.

Hole for the application of a lanyard.

Total length 165 mm. (Indicative package 12 pcs.).

5233EA Each **14,90**

5233EG
new

SCU



Product description as Art. 5233EA

Total length 175 mm. (Indicative package 12 pcs.).

5233EG Each **15,30**

5233EL
new

SCU



Double blade, protected, replacement for Art. 5233 EA and EG. (Indicative package 25 pcs.).

5233EL Each **1,52**

5233EM
new

SCU



Double blade, protected, replacement for Art. 5233 EA and EG. (Indicative package 12 pcs.).

5233EM Each **1,72**

UNIVERSAL KNIVES WITH SNAP-OFF BLADES

5233F

GEDORE



Orig. Gedore red - Art. R93200010

Industrial model. High quality blade. Safety catch for extending/retreating the blade. Additional guides and blade locking device for particularly precise and stable cuts. Snap-off blades. Once the first snap-off section cut is worn out and removed, the second one is ready to be used and so on. Knurled handle in rigid and soft dual component material assures very good grip. Each knife is provided with five snap-off blades.

Blade width: 9mm.

Overall length mm 140
5233F Each **4,54**

SPARE BLADES, 12 sectors for Art. 5233 F. Supplied in packs of 10 blades, NOT sold SEPARATELY.

Blade width mm 9
O5233F Pack **1,50**

5233G

SCU



Prod. SCU

Safety catch for extending/retreating the blade.

Snap-off blades. Once the first snap-off section cut is worn out and removed, the second one is ready to be used and so on.

Each knife is provided with 3 snap-off blades.

Stainless steel handle, thin, handy and sturdy.

Blade width: 9mm.

Overall length mm 125
5233G Each **9,02**



Safety catch for extending/retracting the blade.
 Snap-off blades. Once the first snap-off section cut is worn out and removed, the second one is ready to be used and so on.
 Each knife is provided with 1 snap-off blade.
 Handle in unbreakable plastic.
 Blade width: 9mm.

Overall length	mm	135
5233GA	Each	6,26

SNAP-OFF BLADE, 12 sectors, for Art. 5233 G - 5233 GA. Minimum quantity 10pcs.

Blade width	mm	9
O5233GB	Each	0,40


5233GA


Blade with button to advance/retract the blade. With additional steel guides for precise, stable cuts.

Blades divided into sectors. Once the cutting edge on the first sector has worn down, it is removed and the second is used, and so on.
 Each knife is provided with 3 sector blades.
 Handle made from unbreakable plastic.

Blade width: 18mm.

Overall length	mm	160
5233GC	Each	6,76

**For spare blades see Art. 05233 GD.
 Product running out of stock.**


5233GC


Professional model. Safety catch for extending/retracting the blade. Steel additional guides for precise and stable cuts.

Snap-off blades. Once the first snap-off section cut is worn out and removed, the second one is ready to be used and so on.
 Each knife is provided with three snap-off blades.
 Blade width: 18mm.

Overall length	mm	165
5233GE	Each	13,70

SPARE BLADE, 7 secotrs, for Art. 5233 GC - GE. Minimum quantity 10pcs.

Blade width	mm	18
O5233GD	Each	0,48


5233GE


Industrial model. High quality blade. Safety catch for extending/retracting the blade. Additional guides and blade locking device for particularly precise and stable cuts. Snap-off blades. Once the first snap-off section cut is worn out and removed, the second one is ready to be used and so on. Ergonomic handle in rigid and soft dual component material assures very good grip. Each knife is provided with 3 snap-off blades.

Blade width: 18mm.

Overall length	mm	170
5233GL	Each	4,66

SNAP-OFF BLADE, 7 secotrs, for Art. 5233 GL. Minimum quantity 10pcs.

Blade width	mm	18
O5233GM	Each	0,32


5233GL


Professional model, very cost-effective. Screw for extending/locking the blade. Steel additional guides for precise and stable cuts. Knurled handle in rigid and soft dual component material assures very good grip.

Each knife is provided with a snap-off blade.
 Blade width: 18mm.

Overall length	mm	165
5233P	Each	3,22


5233P


Professional model, very cost-effective. Safety catch for extending/locking the blade. Steel additional guides for precise and stable cuts. Knurled handle in rigid and soft dual component material assures very good grip.

Each knife is provided with a snap-off blade.
 Blade width: 18mm.

Overall length	mm	165
5233R	Each	3,22


5233R


SPARE SNAP-OFF BLADES, 7 sectors, for Art. 5233 P - 5233 R. Minimum quantity 10pcs.

Blade width	mm	18
O5233T	Each	0,24

**5233T GEDORE****Orig. Gedore red - Art. R93200018**

Industrial model. High quality blade with push button forward/back to sweet and progressive movement. With additional guides and locking latch, for steel blade cuts particularly precise and stable. Blades divided into sectors.

Once consumed the first sector, cutting off using the second and following.

Knurled grip in hard and soft dual component material, for optimal grip.

With 5 branches and pencil sharpener blades.

Blade width 18mm.

Overall length	mm	170
5233T	Each	7,68

SPARE BLADES, 7 sectors for Art. 5233 v. Supplied in packs of 10 blades, NOT sold SEPARATELY.

Blade width	mm	18
O5233TA	Pack	3,36

5233TE SCU**Prod. SCU**

Industrial model works particularly burdensome and superior durability.

Blade with clamping screw and button. With additional guides high thickness steel for precise cuts and very stable.

Cast aluminium body and handle in soft material with a strong grip.

Compartment for stowing 3 replacement blades.

Supplied with 1 blade to sectors, BI-metal high durability and flexibility.

Blade width 18mm.

Overall length	mm	180
5233TE	Each	24,70

SPARE BLADES in 7 areas for Art. 5233 TE. Supplied in packs of 8 INDIVISIBLE blades.

Blade width	mm	18
O5233TE	Pack	10,50

5233V GEDORE**Orig. Gedore red - Art. R93200025**

Professional model with wide blade and 3-level sharpening for efficient and heavy duty performances.

Blade with push-button movement / locking.

Additional guides in steel for precise and stable cuts.

Large-sized knurled handle in rigid and soft dual component material assures very good grip.

Provided with five snap-off blades, belt grip fastener .

Blade width: 25mm.

Overall length	mm	170
5233V	Each	15,60

SPARE BLADES, 7 sectors for Art. 5233 V. Supplied in packs of 10 blades, NOT sold SEPARATELY.

Blade width	mm	25
O5233V	Pack	8,28

EXPANDED POLYSTYRENE KNIVES**5234 SCU****Prod. SCU**

Professional model with long blade, smooth, to cut polystyrene, insulating materials, glass fibres, etc.

Overall length with blade mm 245

Blade thickness mm 0,45

5234	Each	9,46
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The knife can also be used with the normal trapezoidal blades straight or hook Art. O5232 to O5232 GP GV.

SPARE BLADES for Art. 5234. Supplied in sets of 2 INDIVISIBLE blades.

Blade length	mm	140
O5234	Pack	11,60

5234A SCU
new

Practical and sturdy professional type with patented quick blade change by push button.

Long smooth blade for cutting polystyrene, insulating materials, glass fibers, etc.

Zinc die-cast handle. With 1 special steel blade.

Overall length with blade mm 285

Blade thickness mm 0,90

5234A	Each	9,68
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SPARE BLADES for Art. 5234 A. Supplied in sets of 2 INDIVISIBLE blades.

Blade length	mm	140
O5234A	Pack	6,48



SCULPTOR'S GOUGES

Prod. SCU

In extra fine steel. Accurately hardened.
 Long-lasting cutting edge. Suited to sculptors.
 The number following the Art. 5234G indicates the gouge's shape.
 Overall length: approx. 170mm.
 Length edge to socket: approx. 120mm.

Handles for gouges, see Art. 5239P - Wooden hammers for gouges, see Art. 5236G.

Width	mm	2	4	6	8	10	12	14	16
5234G 1	Each	27,30	25,90	25,90	25,90	25,90	31,40	31,40	36,70
Width	mm	18	20	22	25	30	35	40	
5234G 1	Each	36,80	38,10	39,30	40,70	42,10	44,60	48,50	

SCU

5234G 1



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 2	Each	27,30	25,90	25,90	25,90	25,90	31,40	31,40	36,70
Width	mm	18	20	22	25	30	35	40	
5234G 2	Each	36,80	38,10	39,30	40,70	42,10	44,60	48,50	

SCU

5234G 2



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 3	Each	35,10	33,80	33,80	33,80	33,80	36,70	36,70	38,10
Width	mm	18	20	22	25	30	35	40	
5234G 3	Each	38,10	39,30	40,60	42,10	44,60	48,50	52,40	

SCU

5234G 3



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 4	Each	35,10	33,80	33,80	33,80	33,80	36,70	36,70	38,10
Width	mm	18	20	22	25	30	35	40	
5234G 4	Each	38,10	39,30	40,60	42,10	44,60	48,50	52,40	

SCU

5234G 4



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 5	Each	35,10	33,80	33,80	33,80	33,80	36,70	36,70	38,10
Width	mm	18	20	22	25	30	35	40	
5234G 5	Each	38,10	39,30	40,60	42,10	44,60	48,50	52,40	

SCU

5234G 5



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 6	Each	37,70	36,40	36,40	36,40	36,40	39,30	39,30	40,60
Width	mm	18	20	22	25	30	35	40	
5234G 6	Each	40,60	42,10	44,60	47,20	52,40	59,10	65,50	

SCU

5234G 6



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 7	Each	37,70	36,40	36,40	36,40	36,40	39,30	39,30	40,60
Width	mm	18	20	22	25	30	35	40	
5234G 7	Each	40,60	42,10	44,60	47,20	52,40	59,10	65,50	

SCU

5234G 7



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 8	Each	37,70	36,40	36,40	36,40	36,40	39,30	39,30	40,60
Width	mm	18	20	22	25	30	35	40	
5234G 8	Each	40,60	42,10	44,60	48,90	52,40	59,10	65,50	

SCU

5234G 8



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 9	Each	40,30	39,10	39,10	39,10	39,10	41,90	41,90	
Width	mm	16	18	20	22	25			
5234G 9	Each	44,50	44,60	47,20	52,40	57,60			

SCU

5234G 9



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 10	Each	40,30	39,10	39,10	39,10	39,10	41,90	41,90	
Width	mm	16	18	20	22	25			
5234G 10	Each	44,50	44,60	47,20	52,40	57,60			

SCU

5234G 10





5234G 11 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 11	Each	40,30	39,10	39,10	39,10	39,10	41,90	41,90
Width	mm	16	18	20	22	25		
5234G 11	Each	44,50	44,60	47,20	52,40	57,60		

5234G 12 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 12	Each	37,70	36,40	36,40	36,40	36,40	39,30	39,30
Width	mm	16	18	20				
5234G 12	Each	40,60	40,60	42,10				

5234G 13 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 13	Each	37,70	36,40	36,40	36,40	36,40	39,30	39,30
Width	mm	16	18	20				
5234G 13	Each	40,60	40,60	42,10				

5234G 14 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 14	Each	37,70	36,40	36,40	36,40	36,40	39,30	39,30
Width	mm	16	18	20				
5234G 14	Each	40,60	40,60	42,10				

5234G 15 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 15	Each	40,30	39,10	39,10	39,10	39,10	41,90	41,90
Width	mm	16	18	20				
5234G 15	Each	44,50	44,60	47,20				

5234G 16 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 16	Each	40,30	39,10	39,10	39,10	39,10	41,90	41,90
Width	mm	16	18	20				
5234G 16	Each	44,50	44,60	47,20				

5234G 17 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 17	Each	40,30	39,10	39,10	39,10	39,10	41,90	41,90
Width	mm	16	18	20				
5234G 17	Each	44,50	44,60	47,20				

5234G 18 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 18	Each	42,90	41,60	41,60	41,60	41,60	44,50	44,50
Width	mm	16	18	20				
5234G 18	Each	47,10	47,20	49,80				

5234G 19 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 19	Each	42,90	41,60	41,60	41,60	41,60	44,50	44,50
Width	mm	16	18	20				
5234G 19	Each	47,10	47,20	49,80				

5234G 20 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14
5234G 20	Each	42,90	41,60	41,60	41,60	41,60	44,50	44,50
Width	mm	16	18	20				
5234G 20	Each	47,10	47,20	49,80				

5234G 21 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 21	Each	32,50	31,20	31,20	31,20	31,20	34,10	34,10	38,10

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Prices in EURO . VAT not included



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 22	Each	32,50	31,20	31,20	31,20	31,20	34,10	34,10	38,10



5234G 22

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 23	Each	32,50	31,20	31,20	31,20	31,20	34,10	34,10	38,10



5234G 23

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 24	Each	39,10	37,70	37,70	37,70	37,70	40,60	40,60	41,90



5234G 24

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 25	Each	39,10	37,70	37,70	37,70	37,70	40,60	40,60	41,90



5234G 25

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 26	Each	39,10	37,70	37,70	37,70	37,70	40,60	40,60	41,90



5234G 26

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 27	Each	41,60	40,30	40,30	40,30	40,30	43,20	43,20	45,80



5234G 27

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 28	Each	41,60	40,30	40,30	40,30	40,30	43,20	43,20	45,80



5234G 28

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 29	Each	41,60	40,30	40,30	40,30	40,30	43,20	43,20	45,80



5234G 29

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 30	Each	44,20	42,90	42,90	42,90	42,90	45,80	45,80	48,40



5234G 30

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 31	Each	44,20	42,90	42,90	42,90	42,90	45,80	45,80	48,40



5234G 31

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 32	Each	44,20	42,90	42,90	42,90	42,90	45,80	45,80	48,40



5234G 32

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 33	Each	32,90	31,90	31,90	31,90	31,90	34,10	34,10	35,10

Product running out of stock.



5234G 33

Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 34	Each	40,30	39,10	39,10	39,10	39,10	41,90	41,90	43,20



5234G 34



5234G 35 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 35	Each	40,30	39,10	39,10	39,10	39,10	41,90	41,90	43,20

5234G 36 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 36	Each	42,90	41,60	41,60	41,60	41,60	44,50	44,50	47,10

5234G 37 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 37	Each	42,90	41,60	41,60	41,60	41,60	44,50	44,50	47,10

5234G 38 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 38	Each	42,90	41,60	41,60	41,60	41,60	44,50	44,50	47,10

5234G 39 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 39	Each	42,90	41,60	41,60	41,60	41,60	52,30	52,30	57,60

5234G 40 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 40	Each	46,80	45,50	45,50	45,50	45,50	57,60

5234G 41 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 41	Each	42,90	41,60	41,60	41,60	41,60	52,30

5234G 42 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 42	Each	46,80	45,50	45,50	45,50	45,50	57,60

5234G 43 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 43	Each	48,10	46,80	46,80	46,80	46,80	60,20

5234G 44 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 44	Each	48,10	46,80	46,80	46,80	46,80	60,20

5234G 45 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 45	Each	42,90	41,60	41,60	41,60	41,60	52,30

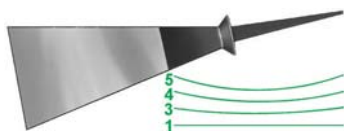
5234G 46 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 46	Each	46,80	45,50	45,50	45,50	45,50	57,60

5234GA SCU



Suited to sculptors. Wide dimensions.
In alloyed steel. Hardened, finely ground and polished.
Swiss-type.

Shape		1	1	1*	3	3	3*	4
Width	mm	50	60	70	50	60	70	50
5234GA	Each	87,10	113,00	119,00	113,00	122,00	126,00	113,00
Shape		4	4*	5	5	5*		
Width	mm	60	70	50	60	70		
5234GA	Each	122,00	126,00	113,00	122,00	126,00		

* Sizes running out of stock.

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Prices in EURO . VAT not included



Product description as Art. 5234GA

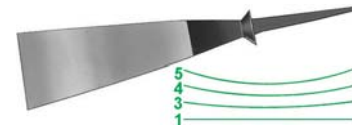
Tiroler-type.

Shape		1	1	1*	3	3	3*	4
Width	mm	50	60	70	50	60	70	50
5234GB	Each	100,10	131,00	138,00	131,00	139,00	145,00	131,00
Shape		4	4*	5	5	5*		
Width	mm	60	70	50	60	70		
5234GB	Each	139,00	145,00	131,00	139,00	145,00		

* Sizes running out of stock.

SCU

5234GB



SETS OF SCULPTOR'S GOUGES

Prod. SCU

In alloyed steel. Finely polished working parts.
Accurately hardened for a long lasting cutting edge.
Suited to sculptors.
Supplied in robust holding package.

8-pcs sets.

Each set contains gouges Art. 5234 G with handle.
Shape/cut width: 1/10 - 2/12 - 5/14 - 8/6 - 10/4 - 11/2 - 11/8 - 39/6.

5234GL	Each	353,00
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SCU

5234GL



Product description as Art. 5234GL

12-pcs. sets.

Each set contains gouges Art. 5234 G with handle.
Shape/cut width: 1/6 - 1/16 - 2/14 - 4/8 - 6/10 - 7/12 - 8/4 - 8/14 - 9/10 - 11/2 - 11/8 - 39/6.

5234GP	Each	520,00
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SCU

5234GP



Product description as Art. 5234GL

24-pcs sets.

Each set contains gouges Art. 5234 G with handle.
Shape/cut width: 1/4 - 1/6 - 1/10 - 1/16 - 1/20 - 2/18 - 3/6 - 3/14 - 5/4 - 5/8 - 5/14 - 5/20 - 7/2 - 7/6 - 7/12 - 7/18 - 8/4 - 8/10 - 8/16 - 11/2 - 11/4 - 11/8 - 39/4 - 39/8.

5234GT	Each	1.050,00
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SCU

5234GT



SCULPTOR'S GOUGES WITH HANDLE

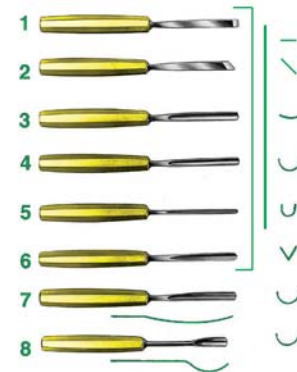
Prod. SCU

Extra-fine quality - Suited to sculptors.
Hardened steel, very accurate finish for very long lasting cutting edge.

Shape		1	1	1	1	1	2	2	2
Width	mm	2	4	6	8	10	2	4	6
5235G	Each	20,90	20,90	20,90	20,90	20,90	20,90	20,90	20,90
Shape		2	2	3	3	3	3	3	4
Width	mm	8	10	2	4	6	8	10	2
5235G	Each	20,90	20,90	27,30	27,30	27,30	27,30	27,30	27,30
Shape		4	4	4	4	5	5	5	5
Width	mm	4	6	8	10	2	4	6	8
5235G	Each	27,30	27,30	27,30	27,30	33,20	33,20	33,20	33,20
Shape		6	6	6	6	7	7	7	7
Width	mm	2	4	6	8	2	4	6	8
5235G	Each	34,10	34,10	34,10	34,10	33,10	33,10	33,10	33,10
Shape		7	8	8	8	8	8		
Width	mm	10	2	4	6	8	10		
5235G	Each	33,10	34,30	34,30	34,30	34,30	34,30		

SCU

5235G





WOODEN MALLET FOR GOUGES

5236G

SCU



Prod. SCU

In precious wood, suited to be used with gouges.

Head Ø	mm	80	100
5236G	Each	17,30	26,40

LINOLEUM CARVING TOOLS IN PLASTIC KIT

5237G

SCU



Prod. SCU

Suitable to cut linoleum and plastic materials and for wood sculptors.

Extra-fine quality steel, hardened. Supplied in package.

Tools with handle.

Each kit contains 3 gouges and 1 knife

5237G	Each	99,10
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5238G

SCU



Product description as Art. 5237G

Each kit contains 3 knives

5238G	Each	46,20
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5238GA

SCU



Product description as Art. 5237G

3 gouges, 3 blades and 1 abrasive sanding block.

5238GA	Each	139,00
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5239GA

SCU



Loose spare blades for sets Art. 5237 G, 5238 G and 5238 GA.

Knife with frontal cutting edge.

5239GA	Each	13,10
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5239GB

SCU



Product description as Art. 5239GA

Knife with straight side cutting edge.

5239GB	Each	13,70
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5239GC

SCU



Product description as Art. 5239GA

Knife with normal narrow side cutting edge.

5239GC	Each	15,70
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5239GD

SCU



Product description as Art. 5239GA

Knife with double cutting edge.

5239GD	Each	19,50
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Product description as Art. 5239GA
 Knife with oblique cutting edge.

5239GE	Each	12,10
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5239GE

TOOL HANDLES
Prod. SCU

In wood. With metal double ring nut.

Overall length	mm	130	140	150
5239T	Each	1,10	1,18	1,40

5239T

CLAMPING PINNERS
Prod. SCU

In stamped steel plate. Spring rapid closing system. Fiber-coated jaws.

Overall length	mm	110	155
Useful opening	mm	32	55
5240G	Each	1,74	2,58

5240G


Sturdy body made from synthetic material reinforced with fibreglass.

Progressive closing mechanism and quick opening lever. Toothed jaws (only size 230mm) with mobile plates.

Overall length	mm	180	230
Useful opening	mm	0 to 50	0 to 75
5240GE	Each	15,80	18,20

5240GE

WELDING BAR CLAMPS
Prod. SCU

Model for clamping and opening, with mobile jaw installed on the side opposite to the bar.

One-hand use. Big clamping force (max 1764 N) with little effort thanks to rack movement.

Sturdy body in synthetic material reinforced with glass fibers. Steel bar, ribbed, Caps in synthetic material protect work surface.

Throat 85mm. Bar cross section 19x5mm.

Useful opening	mm	150	300	450	600
5241G	Each	28,50	31,70	34,80	39,10

5241G

WELDING BAR CLAMPS
Prod. SCU

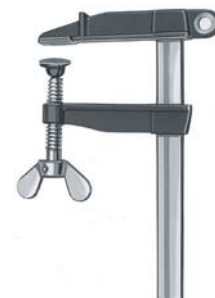
Heavy construction.

Hardened steel bar. High resistance cast arms.

Hole to place cables in the fixed bar.

Locking thumb screw. Up to 600 A.

Useful opening	mm	150
Depth	mm	65
Rod section	mm	30x8
5242G	Each	36,50

5242G




BAR CLAMPS

5243T SCU



Prod. SCU

Model with an optimal price/quality ratio.
In rolled steel. Slider grip.

Useful opening	mm	200	300	400	500	600	800	1000
Depth	mm	70	80	80	80	120	120	120
Rod section	mm	25x6	25x6	30x6	30x6	35x7	35x7	40x7
5243T	Each	11,20	12,60	15,70	22,60	24,90	30,10	36,30
Useful opening	mm	1200	1500	2000				
Depth	mm	120	120	120				
Rod section	mm	40x7	40x7	40x7				
5243T	Each	42,30	49,40	81,20				

5244 SCU



Prod. SCU - Art. Mod. ALFA

In rolled forged steel. Slider grip.

Useful opening	mm	200	300	400	500	600	800	1000
Depth	mm	80	90	90	100	100	100	110
Rod section	mm	25x6	30x6	30x6	35x7	35x7	35x7	40x7
5244	Each	24,20	28,20	30,10	37,80	40,40	46,30	60,80
Useful opening	mm	1200	1500	2000				
Depth	mm	110	110	110				
Rod section	mm	40x7	40x7	40x8				
5244	Each	65,90	81,80	112,00				

UNIVERSAL STEEL BAR CLAMPS

5244GA KANCA



Orig. Kanca

Excellent clamping performance, max stiffness.

Flat bar in hardened steel, side knurled. Arms in forged steel.

Wooden handle. Throat 120mm. Bar cross section 35x11mm. Reachable pressure with 150mm opening: approx. 15000 N (1500 Kg) equivalent to 50 Nm torque value.

Useful opening	mm	200	250	300	400	500	600	800
5244GA	Each	32,00	33,20	34,30	36,80	39,10	41,40	46,20
Useful opening	mm	1000	1200	1500	2000			
5244GA	Each	50,90	55,60	62,70	74,50			

5244GE KANCA



Product description as Art. 5244GA

Sliding grip. Throat 120mm. Bar cross section 35x11mm. Reachable pressure with 150mm opening: approx. 15000 N (1500 Kg) equivalent to 50 Nm torque value.

Useful opening	mm	200	250	300	400	500	600	800
5244GE	Each	32,00	33,20	34,30	36,80	39,10	41,40	46,20
Useful opening	mm	1000	1200	1500	2000			
5244GE	Each	50,90	55,60	62,70	74,50			

5245A
new

In forged and hardened steel, profiled bar.

Quick adjusting tightening device with clamp and mobile clamping surface.

Tested at very high clamping pressure.

Completely galvanized.

With two-component handle.

Protections on the pressing parts made of synthetic material.

Useful opening	mm	160	200	250	300			
Depth	mm	80	80	80	80			
Rod section	mm	16x8	16x8	16x8	16x8			
Tightening force	N	3000	3000	3000	3000			
5245A	Each	22,80	23,70	24,50	25,40			


Prod. SCU

Product description as Art. 5245A

Fully galvanized and burnished clamping screws.

With wooden handle.

Useful opening	mm	120	160	200	250	300	400	500
Depth	mm	60	80	100	120	140	120	120
Rod section	mm	13,5x6,5	16x7,5	19,5x9,5	22x10,5	25x12	25x12	25x12
Tightening force	N	1000	2500	4000	5500	6500	7500	7500
5245G	Each	19,80	24,60	31,40	38,50	47,70	55,50	59,80
Useful opening	mm	600	800	1000				
Depth	mm	120	120	120				
Rod section	mm	25x12	27x13	27x13				
Tightening force	N	7500	8500	8500				
5245G	Each	64,10	78,20	88,70				


5245G

Product description as Art. 5245A

Totally galvanized, burnished clamp screws.

Slider grip and turned plate (except size 160mm).

Useful opening	mm	160	200	250	300	400	500	600
Depth	mm	80	100	120	140	120	120	120
Rod section	mm	16x7,5	19,5x9,5	22x10,5	25x12	25x12	25x12	25x12
Tightening force	N	2500	4000	5500	6500	7500	7500	7500
5245GM	Each	23,90	31,10	37,20	47,30	53,50	57,80	61,80
Useful opening	mm	800	1000	1250	1500			
Depth	mm	120	120	120	120			
Rod section	mm	27x13	27x13	27x13	27x13			
Tightening force	N	8500	8500	8500	8500			
5245GM	Each	76,20	86,70	112,00	124,00			


5245GM
Orig. Kanca

In forged and hardened steel, profiled bar.

Quick adjusting tightening device with clamp and mobile interchangeable clamping surface.

Tested at very high clamping pressure.

Sliding grip.

Reinforced model.

Throat 140mm. Bar cross section 30x15mm. Reachable pressure with 150mm opening: approx.

15000 N (1500 Kg) equivalent to 50 Nm torque value.

Useful opening	mm	200	250	300	400	500	600	800	1000	1200
Weight	Kg	2,5	2,8	3	3,4	3,7	4,1	4,7	5,2	5,7
5245GME	Each	48,60	50,70	52,80	57,10	61,80	66,10	75,10	83,70	88,20


5245GME
Prod. SCU

In forged and hardened steel, profiled bar. Quick adjusting tightening device with rolled hardened screw.

Interchangeable mobile clamping surface.

Reinforced model. Throat: 120mm. Bar cross section 27x13mm. Reachable pressure with 150mm opening: approx. 8500 N (850 kg).

Useful opening	mm	200	250	300	400	500	600	800
Weight	Kg	2,00	2,11	2,24	2,45	2,70	2,96	3,5
5245GP	Each	63,00	66,10	68,20	73,30	78,20	83,70	92,10
Useful opening	mm	1000						
Weight	Kg	3,9						
5245GP	Each	104,00						


5245GP



5245GR



In forged and hardened steel, profiled bar.
Quick adjusting tightening device with rolled hardened screw provided with hexagon to be operated also with torque wrenches.
Interchangeable mobile clamping surface.

Reinforced model. Bar cross section 30x15mm. Reachable pressure with 150mm opening: approx. 12000 N (1200 kg) equivalent to 40Nm torque value.

Useful opening	mm	300	400	500	600	800	1000	1250	
Depth	mm	140	120	140	120	140	120	120	
Weight	Kg	3,00	3,20	3,70	3,90	4,60	5,10	6,00	
5245GR	Each	85,40	92,10	102,00	107,00	123,00	133,00	153,00	
Useful opening	mm	1500							
Depth	mm	120							
Weight	Kg	6,60							
5245GR	Each	172,00							

5245GS



Product description as Art. 5245GR
Reinforced model. Throat: 175mm. Bar cross section 40x20mm. Reachable pressure with 150mm opening: approx. 22000 N (2200 kg) equivalent to 80Nm torque value.

Useful opening	mm	300	400	500	600	800	1000	1250	
Weight	Kg	5,50	6,10	6,60	7,20	8,30	9,40	10,80	
5245GS	Each	131,00	144,00	157,00	170,00	183,00	218,00	253,00	
Useful opening	mm	1500							
Weight	Kg	12,10							
5245GS	Each	283,00							

UNIVERSAL STEEL BAR CLAMPS, QUICK LOCKING

5245GSE

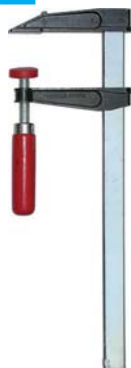


Orig. Kanca
In forged and hardened steel, profiled bar. For rapid locking.
Rack clamping with toothed bar.
Highest strength even in case of vibrations.

Useful opening	mm	160	200	250	300	400	500	600	
Depth	mm	80	100	120	140	120	120	120	
Rod section	mm	16x7,5	19,5x9,5	22x10,5	25x12	25x12	25x12	25x12	
Tightening force	N	2300	3500	4500	5000	5500	5500	5500	
5245GSE	Each	33,10	47,10	54,10	66,90	70,20	73,90	77,10	
Useful opening	mm	800	1000						
Depth	mm	120	120						
Rod section	mm	27x13	27x13						
Tightening force	N	6000	6000						
5245GSE	Each	89,40	99,10						

UNIVERSAL IRON BAR CLAMPS

5245GZ



Prod. SCU
Flat rod in hardened steel, side knurled.
Malleable cast iron arms. Wooden handle.
Caps in synthetic material protect clamping surface.

Useful opening	mm	100	150	200	250	300	400	500
Depth	mm	50	50	80	80	80	80	80
Rod section	mm	15x5	15x5	22x6	22x6	22x6	22x6	22x6
5245GZ	Each	8,88	9,10	13,60	14,00	14,60	15,60	16,60

When running out of stock, the sizes from 200 to 500mm will be supplied with ribbed rod and 25x6mm section.



Forged and hardened bar, profiled and side knurled for highest strength.
High resistance cast iron arms. Wooden handle.
Caps in synthetic material protect work surface.

Useful opening	mm	160	200	250	300	400	500	600
Depth	mm	80	120	120	120	120	120	120
Rod section	mm	22x6	30x8	30x8	30x8	30x8	30x8	30x8
Tightening force	N	3500	4500	4500	4500	4500	4500	4500
5246GA	Each	35,30	58,50	59,60	64,30	69,60	74,80	80,00
Useful opening	mm	800	1000					
Depth	mm	120	120					
Rod section	mm	30x8	30x8					
Tightening force	N	4500	4500					
5246GA	Each	89,50	101,00					

SCU



5246GA

Forged and hardened bar, profiled and side knurled for highest strength.
High resistance cast iron arms. Ergonomic handle in dual component material.
Caps in synthetic material protect work surface.

Useful opening	mm	120	160	200	250	300	400	500
Depth	mm	65	80	100	120	140	120	120
Rod section	mm	22x6	22x6	30x8	30x8	35x9	35x11	35x11
Tightening force	N	3500	5000	5000	5000	5000	7500	7500
5246GC	Each	31,10	36,80	51,20	62,20	78,10	86,90	94,90
Useful opening	mm	600	800	1000	1250	1500	2000	
Depth	mm	120	120	120	120	120	120	
Rod section	mm	35x11	35x11	35x11	35x11	35x11	35x11	
Tightening force	N	7500	7500	7500	7500	7500	7500	
5246GC	Each	101,00	114,00	127,00	138,00	151,00	184,00	

SCU



5246GC

Forged and hardened bar, profiled and side knurled for highest strength.
High resistance cast iron arms. With sliding bar handle.
Caps in synthetic material protect work surface.

Useful opening	mm	160	200	250	300	400	500	600
Depth	mm	80	100	120	140	120	120	120
Rod section	mm	22x6	30x8	30x8	35x9	35x11	35x11	35x11
Tightening force	N	5000	5000	5000	5000	7500	7500	7500
5246GF	Each	36,80	51,20	62,20	78,10	86,90	94,90	101,00
Useful opening	mm	800	1000	1250	1500	2000		
Depth	mm	120	120	120	120	120		
Rod section	mm	35x11	35x11	35x11	35x11	35x11		
Tightening force	N	7500	7500	7500	7500	7500		
5246GF	Each	114,00	127,00	138,00	151,00	184,00		

SCU



5246GF

Flat rod, large cross section bar, forged and hardened steel, side knurled for highest strength.
Ribbed arms in high resistance cast iron.
With sliding bar handle.

Type		400	400A	600	600A	800	800A	1000	1000A
Useful opening	mm	400	400	600	600	800	800	1000	1000
Depth	mm	250	400	250	400	300	400	300	400
Rod section	mm	45x12	45x12	45x12	45x12	45x12	45x12	45x12	45x12
Tightening force	N	8000	8000	8000	8000	8000	8000	8000	8000
5246GL	Each	114,00	192,00	128,00	208,00	159,00	223,00	175,00	240,00

SCU



5246GL



5246GM

SCU



Forged and hardened bar, side knurled for highest strength.
Ribbed arms in high resistance cast iron GTW 40. Slider grip.
Caps in synthetic material protect work surface.
Throat: 140mm. Bar cross section: 32x10mm.

Useful opening	mm	1000
5246GM	Each	52,60

Product running out of stock.

CLAMPS

5256G

SCU



Prod. SCU

High resistance cast iron body, enamelled.
Clamp screw with bolster.

Useful opening	mm	50	75	100	150	200
Depth	mm	30	52	60	75	83
5256G	Each	9,04	18,10	22,10	38,10	54,10

5256GE

KANCA



Orig. Kanca

Body made from extra-strong cast steel, enamelled. Sturdy construction.
Clamp screw with bolster.
Heavy duty.

Useful opening	mm	50	100	150	200	250	300
Depth	mm	39	60	70	77	92	93
Weight	Kg	1,2	1,5	1,8	2,1	3,2	3,6
5256GE	Each	38,80	45,60	50,10	57,10	72,90	82,00

5256GP

KANCA



Body in forged steel, enamelled. Very sturdy construction, unbendable.
Clamp screw with bolster.
Heavy duty.

Useful opening	mm	60	100	150	200	250
Weight	Kg	1,1	1,4	1,7	2,5	3,1
Depth	mm	55	65	95	105	115
5256GP	Each	38,80	45,60	50,10	57,10	72,90

5256GR

SCU



Prod. SCU

Body in forged steel, galvanized. Extra sturdy and heavy.
Trapezoidal threading clamp screw, with bolster.
Reinforced body and high quality steel assure a perfect, indeformable and long lasting tightening.

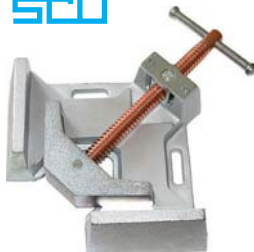
Useful opening	mm	35	60	90	125	160	200
Weight	Kg	0,4	0,9	1,6	3,2	5,5	9,6
Depth	mm	40	50	60	90	100	120
5256GR	Each	70,10	85,90	101,00	180,00	316,00	473,00

Size 35mm with round-shaped arc and locking wing nut, painted.

WELDING CLAMPS

5257GA

SCU



Prod. SCU

Body in special cast iron, hardened steel screw, burnished, sliding jaw.
Suitable for 90° pipe and all kind of metal profile welding.
Clamping strength up to 60mm. Weight: 4kg.

5257GA	Each	272,00
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12



Body in special cast iron, galvanized screw.
Suitable for 90° pipe and all kind of metal profile welding.

Size		1	2
Tighten. capacity up to	mm	50	100
Weight	Kg	1,4	2,6
5258G	Each	168,00	259,00

SCU

5258G



CARPENTER'S BENCH SCREWS

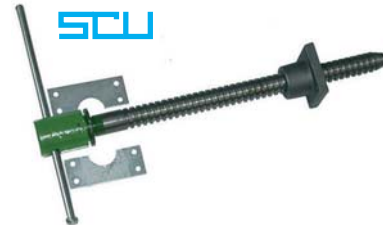
Prod. SCU

Forged. Square threaded screws.

Screw Ø	mm	22	24	26	30
Overall length	mm	350	400	400	400
5260	Each	80,10	86,70	93,80	115,00

SCU

5260



GRINDING WHEELS

Orig. H. Sebald

In electrocorindon. COLOUR: GREY.

High quality grinding wheels suitable for all workshop applications. Suited for iron, rolled steel, forged steel, cast steel, semisteel cast iron, malleable cast iron.

Grade: G (coarse 36/specific 10A36PVS) - M (medium 60/specific 10A60NVS) - F (fine 80/specific 10A80MVS).

Middle hardness.

Ø and thickness	mm	100x16	100x16	125x16	125x16	125x20	125x20	150x20
Grain		M	F	M	F	M	F	G
Bore Ø	mm	13	13	16	16	16	16	16
7000G	Each	10,80	10,80	15,80	15,80	16,90	16,90	21,10
Ø and thickness	mm	150x20	150x20	150x25	150x25	150x25	175x25	175x25
Grain		M	F	G	M	F	G	M
Bore Ø	mm	16	16	16	16	16	20	20
7000G	Each	21,10	21,10	24,60	24,60	24,60	31,40	31,40
Ø and thickness	mm	175x25	200x20	200x20	200x20	200x25	200x25	200x25
Grain		F	G	M	F	G	M	F
Bore Ø	mm	20	20	20	20	20	20	20
7000G	Each	31,40	33,80	33,80	33,80	40,70	40,70	40,70
Ø and thickness	mm	200x30	200x30	200x30	250x25	250x25	250x25	250x30
Grain		G	M	F	G	M	F	G
Bore Ø	mm	20	20	20	25	25	25	25
7000G	Each	45,90	45,90	45,90	58,50	58,50	58,50	68,70
Ø and thickness	mm	250x30	250x30	300x30	300x30	300x40	300x40	350x40
Grain		M	F	G	M	G	M	G
Bore Ø	mm	25	25	30	30	30	30	30
7000G	Each	68,70	68,70	86,60	86,60	101,00	101,00	143,00
Ø and thickness	mm	350x40	400x40	400x40	400x50	400x50	500x50	500x50
Grain		M	G	M	G	M	G	M
Bore Ø	mm	30	40	40	40	40	50	50
7000G	Each	143,00	177,00	177,00	227,00	227,00	474,00	474,00



7000G



Prod. SCU

In electrocorindon. COLOUR: GREY.

High quality grinding wheels suitable for all workshop applications. Suited for iron, rolled steel, forged steel, cast steel, semisteel cast iron, malleable cast iron.

Grade: G (coarse 36/specific A36P5V) - M (medium 60/specific A60M5V) - F (fine 80/specific A80M5V).

Medium hardness.

Ø and thickness	mm	100x16	100x16	125x16	125x16	125x20	125x20	150x20	150x20	150x20
Grain		M	F	M	F	M	F	G	M	F
Bore Ø	mm	13	13	16	16	16	16	16	16	16
7005	Each	5,88	5,88	10,70	10,70	11,70	11,70	14,20	14,20	14,20
Ø and thickness	mm	150x25	150x25	150x25	150x30	150x30	150x30	175x25	175x25	175x25
Grain		G	M	F	G	M	F	G	M	F
Bore Ø	mm	16	16	16	16	16	16	20	20	20
7005	Each	17,50	17,50	17,50	20,20	20,20	20,20	22,10	22,10	22,10
Ø and thickness	mm	200x20	200x20	200x20	200x25	200x25	200x25	200x30	200x30	200x30
Grain		G	M	F	G	M	F	G	M	F
Bore Ø	mm	20	20	20	20	20	20	20	20	20
7005	Each	23,10	23,10	23,10	24,70	24,70	24,70	35,50	35,50	35,50
Ø and thickness	mm	250x25	250x25	250x25	250x30	250x30	250x30			
Grain		G	M	F	G	M	F			
Bore Ø	mm	25	25	25	25	25	25			
7005	Each	45,70	45,70	45,70	58,60	58,60	58,60			

SCU

7005





7010G



Orig. H. Sebald

In electrocoridon. COLOUR: RED/BROWN.

High performance grinding wheels with high abrasive power. Suited to grind and sharpen hard steel, alloyed steel, hardened steel, cutting tools, hard and semisteel cast iron.

Grade: G (coarse 36/specific 31A36MVS) - M (medium 60/specific 31A60MVS) - F (fine 80/specific 31A80MVS1).

Medium hardness.

Ø and thickness	mm	100x16	100x16	125x20	125x20	150x20	150x20	150x25
Grain		M	F	M	F	M	F	M
Bore Ø	mm	13	13	16	16	16	16	16
7010G	Each	12,40	12,40	19,60	19,60	23,50	23,50	28,10
Ø and thickness	mm	150x25	175x20	175x20	175x25	175x25	200x20	200x20
Grain		F	M	F	M	F	G	M
Bore Ø	mm	16	20	20	20	20	20	20
7010G	Each	28,10	30,10	30,10	35,70	35,70	37,10	37,10
Ø and thickness	mm	200x20	200x25	200x25	200x25	200x30	200x30	200x30
Grain		F	G	M	F	G	M	F
Bore Ø	mm	20	20	20	20	20	20	20
7010G	Each	37,10	45,60	45,60	45,60	51,50	51,50	51,50
Ø and thickness	mm	250x25	250x25	250x25	250x30	250x30	250x30	300x30
Grain		G	M	F	G	M	F	G
Bore Ø	mm	25	25	25	25	25	25	30
7010G	Each	65,70	65,70	65,70	77,10	77,10	77,10	96,90
Ø and thickness	mm	300x30	300x30	300x40	300x40	300x40	400x45	400x45
Grain		M	F	G	M	F	G	M
Bore Ø	mm	30	30	30	30	30	40	40
7010G	Each	96,90	96,90	113,00	113,00	113,00	226,00	226,00

7015



Prod. SCU

In electrocoridon. COLOUR: PINK.

High performance grinding wheels with high abrasive power. Suited to grind and sharpen hard steel, alloyed steel, hardened steel, cutting tools, hard and semisteel cast iron.

Grade: G (coarse 36/specific AR36P5V) - M (medium 60/specific AR60M5V) - F (fine 80/specific AR80M5V).

Medium hardness.

Ø and thickness	mm	100x16	100x16	125x20	125x20	150x20	150x20	150x25	150x25
Grain		M	F	M	F	M	F	M	F
Bore Ø	mm	13	13	16	16	16	16	16	16
7015	Each	7,92	7,92	14,50	14,50	18,10	18,10	24,60	24,60
Ø and thickness	mm	175x20	175x20	175x25	175x25	200x20	200x20	200x20	200x25
Grain		M	F	M	F	G	M	F	G
Bore Ø	mm	20	20	20	20	20	20	20	20
7015	Each	23,50	23,50	27,30	27,30	28,80	28,80	28,80	31,20
Ø and thickness	mm	200x25	200x25	200x30	200x30	200x30	250x25	250x25	250x25
Grain		M	F	G	M	F	G	M	F
Bore Ø	mm	20	20	20	20	20	25	25	25
7015	Each	31,20	31,20	48,80	48,80	48,80	57,60	57,60	57,60
Ø and thickness	mm	250x30	250x30	250x30	300x30	300x30	300x30		
Grain		G	M	F	G	M	F		
Bore Ø	mm	25	25	25	30	30	30		
7015	Each	72,10	72,10	72,10	125,00	125,00	125,00		

7020G



Orig. H. Sebald

In silicon carbide. COLOUR: GREEN

Suitable for any kind of hard metals such as Widia and similar, copper, brass, aluminium and relative alloys.

Grade: M (medium 60/specific 10C60JVS) - F (fine 80/specific 10C80JVS).

Hardness: fond.

Ø and thickness	mm	125x20	125x20	150x20	150x20	150x25	150x25	200x20
Grain		M	F	M	F	M	F	M
Bore Ø	mm	16	16	16	16	16	16	20
7020G	Each	22,80	22,80	28,10	28,10	32,70	32,70	44,20
Ø and thickness	mm	200x20	200x25	200x25	200x30	200x30	250x25	250x25
Grain		F	M	F	M	F	M	F
Bore Ø	mm	20	20	20	20	20	25	25
7020G	Each	44,20	53,80	53,80	61,20	61,20	78,00	78,00
Ø and thickness	mm	250x30	250x30	300x30				
Grain		M	F	M				
Bore Ø	mm	25	25	30				
7020G	Each	91,50	91,50	115,00				

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Prices in EURO . VAT not included



Prod. SCU

In silicon carbide. COLOUR: GREEN

Suitable for any kind of hard metals such as Widia and similar, copper, brass, aluminium and relative alloys.

Grade: M (medium 60/specific W60J8V) - F (fine 80/specific W80J8V).

Hardness: fond.

Ø and thickness	mm	125x20	125x20	150x20	150x20	150x25	150x25	200x20
Grain		M	F	M	F	M	F	M
Bore Ø	mm	16	16	16	16	16	16	20
7021	Each	22,50	22,50	25,70	25,70	27,70	27,70	36,20
Ø and thickness	mm	200x20	200x25	200x25	200x30	200x30	250x25	250x25
Grain		F	M	F	M	F	M	F
Bore Ø	mm	20	20	20	20	20	25	25
7021	Each	36,20	38,40	38,40	64,20	64,20	72,70	72,70
Ø and thickness	mm	250x30	250x30					
Grain		M	F					
Bore Ø	mm	25	25					
7021	Each	90,40	90,40					

SCU

7021



BEVELED GRINDING WHEELS

Orig. H. Sebald

Special grinding wheels to sharpen belt saws.

Strongly abrasive. Rapid blade sharpening without overheating.

Grade: M (medium 60/specific 10A60HVS) - Medium hardness.

In electrocorindon: COLOUR: GREY.

Ø and thickness	mm	150x6	150x8	200x8	200x10	250x10
Bore Ø	mm	20	20	20	20	25
Grain		M	M	M	M	M
7022G	Each	14,70	16,20	23,70	23,70	33,80

SEBALD
SCHLEIFTECHNIK

7022G



Special grinding wheels to sharpen belt saws.

Strongly abrasive. Rapid blade sharpening without overheating.

Grade: M (medium 60/specific 31A60MVS) - Medium hardness.

In electrocorindon: COLOUR: RED/BROWN

Ø and thickness	mm	150x6	150x8	200x8	200x10	250x10
Bore Ø	mm	20	20	20	20	25
Grain		M	M	M	M	M
7024G	Each	16,40	18,30	26,20	26,20	37,10

Only Art. 7024 G 250x10 in white colour.

SEBALD
SCHLEIFTECHNIK

7024G



Special grinding wheels to sharpen belt saws.

Strongly abrasive. Rapid blade sharpening without overheating.

Grade: M (medium 60/specific 10C60JVS) - Medium hardness.

In silicon carbide: COLOUR: GREEN

Ø and thickness	mm	150x6	150x8	200x8	200x10	250x10
Bore Ø	mm	20	20	20	20	25
Grain		M	M	M	M	M
7026G	Each	19,80	21,60	31,10	31,10	44,20

SEBALD
SCHLEIFTECHNIK

7026G





GRINDING WHEELS

7028G



Orig. H. Sebad

DIN 69146. In electrocorindon. COLOUR: WHITE. Grinding wheels suited to sharpen and grind. Strongly abrasive without overheating.

Grade: M (medium 60/specific 30A60MVS1) - F (fine 80/specific 30A80MVS1).

Medium hardness.

Ø	mm	125	125	150	150	200	200
Grain		M	F	M	F	M	F
Bore Ø	mm	20	20	20	20	20	20
Thickness	mm	7	7	8	8	12	12
7028G	Each	18,90	18,90	22,60	22,60	37,10	37,10

GRINDING WHEELS

7040G



Orig. H. Sebad

DIN 69148. In electrocorindon. COLOUR: WHITE. Suited to sharpen and grind. High performance. Quick metal removal. Suitable for very quick grinding and smoothing with angle electric grinder, without overheating.

Grit: M (medium 60/specific 30A60MVS1) - F (fine 80/specific 30A80MVS1). Medium hardness.

Max ext Ø	mm	80	80	100	100	125	125	150	150
Grain		M	F	M	F	M	F	M	F
Min ext Ø	mm	55	55	75	75	92	92	114	114
Bore Ø	mm	20	20	20	20	20	20	20	20
Wall thickness	mm	6	6	8	8	8	8	10	10
7040G	Each	19,90	19,90	27,50	27,50	41,50	41,50	56,10	56,10

GRINDING WHEELS

7044G



Orig. H. Sebad

DIN 69139. In electrocorindon. COLOUR: WHITE

Suited to sharpen and grind. Strongly abrasive.

Exceptional performance and long lasting life.

Grade: M (medium 60/specific 30A60MVS1) - F (fine 80/specific 30A80MVS1).

Ext. Ø	mm	50	50	80	80	100	100	125
Grain		M	F	M	F	M	F	M
Height	mm	32	32	40	40	50	50	63
Bore Ø	mm	13	13	20	20	20	20	20
Wall thickness	mm	5	5	6	6	8	8	8
7044G	Each	12,10	12,10	22,50	22,50	32,70	32,70	53,30
Ext. Ø	mm	125	150	150				
Grain		F	M	F				
Height	mm	63	80	80				
Bore Ø	mm	20	20	20				
Wall thickness	mm	8	10	10				
7044G	Each	53,30	80,90	80,90				

GRINDING WHEELS

7050G



Prod. SCU

Suitable for high speed trimming and smoothing with angle grinder.

Strong resin binder.

High performance and long lasting life. Grade 24.

In electrocorindon. Suitable for metals.

Max ext Ø	mm	110	140
Min ext Ø	mm	100	120
Height	mm	55	55
Bore Ø	mm	22,2	22,2
Max speed	rev/min	8500	6500
7050G	Each	9,86	25,70

7051G



Suitable for high speed trimming and smoothing with angle grinder.

Strong resin binder.

High performance and long lasting life. Grade 16.

In electrocorindon. Suitable for metals.

Max ext Ø	mm	110
Min ext Ø	mm	100
Height	mm	55
Bore Ø	mm	22,2
Max speed	rev/min	8500
7051G	Each	9,86

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Suitable for high speed trimming and smoothing with angle grinder.
 Strong resin binder.
 High performance and long lasting life. Grade 24.
 In silicon carbide. Suitable for stones and cast iron.

Max ext Ø	mm	110	140
Min ext Ø	mm	100	120
Height	mm	55	55
Bore Ø	mm	22,2	22,2
Max speed	rev/min	7800	6500
7052G	Each	10,20	24,10

SCU



7052G



DIAMOND CUTTING WHEELS

Prod. SCU

Professional universal type with welded diamond segments. Very high value for money.
 Suitable for portable machines. For dry and wet cutting of all building and covering materials including marble, granite, etc. Hole Ø mm 22.

Ø	mm	115	125	230
Segment height x thick.	mm	8x1,8	8x1,8	8x2,4
Max speed	rev/min	13300	12200	6600
7080A	Each	7,18	8,62	18,80

For optimal cooling, rotate the disc idle at intervals.

SCU



7080A
new



Orig. Sonnenflex - Art. Universal Eco

Universal model with diamond segments. Suitable for portable machines.
 Used for dry cutting of all kind of concrete, roof tiles, stones, klinker, briks, basalts, etc. Hole Ø: 22mm.

Ø	mm	115	125	180	230
Segment height x thick.	mm	7x2	7x2	7x2,3	7,5x2,6
Max speed	rev/min	13300	12200	8600	6600
7080G	Each	6,68	7,20	13,70	19,60

Very efficient cooling is obtained by letting the wheel idle at intervals.

Sonnenflex
Abrasive Germany



7080G



Orig. Sonnenflex - Art. Universal Laser

Universal model with laser-welded diamond segments.
 Suitable for portable machines. Used for dry cutting of all kinds of concrete (even reinforced concrete), roof tiles, stones, klinker, briks, basalts, etc. Hole Ø 22mm.

Ø	mm	115	125	180	230
Segment height x thick.	mm	10x2	10x2	10x2,2	10x2,4
Max speed	rev/min	13300	12200	8600	6600
7090G	Each	25,40	29,50	40,40	54,50

Very efficient cooling is obtained by letting the wheel idle at intervals.

Sonnenflex
Abrasive Germany



7090G



Orig. Sonnenflex - Art. Universal Turbo Eco

Universal type with diamond segments; continuous cutting; with TURBO profile for efficient discharge and cooling. Suitable for portable machines.
 For dry cutting marbles, fine granites, tiles, ceramics, synthetic fibers etc.
 Hole Ø mm 22.

Ø	mm	115	125	230
Segment height x thick.	mm	7x2,2	7x2,2	7x2,8
Max speed	rev/min	13300	12200	6600
7091G	Each	7,20	7,88	21,60

For optimal cooling, rotate the disc idle at intervals.

Sonnenflex
Abrasive Germany



7091G
new




7092G

Orig. Sonnenflex - Art. Universal Turbo

Special type, high performance, with diamond segments combined with TURBO profile for an effective material discharge and cooling. Suitable for portable machines. Used for dry cutting of concrete, any kind of stones, ceramics, tiles, bricks, plaster boards, etc.

Hole Ø 22mm.

Ø	mm	115	125	180	230
Segment height x thick.	mm	8x2,7	8x2,8	8x3	8x3,2
Max speed	rev/min	13300	12200	8600	6600
7092G	Each	20,90	23,80	54,50	68,20

Very efficient cooling is obtained by letting the wheel idle at intervals.

7093G

Orig. Sonnenflex - Art. Abrasiv

Special type with laser-welded diamond segments.

Suitable for portable machines. Used to dry cut asphalt, plaster, concrete, etc.

Hole Ø 22mm.

Ø	mm	115	125	180	230
Segment height x thick.	mm	8x2,7	8x2,8	8x3	8x3,2
Max speed	rev/min	13300	12200	8600	6600
7093G	Each	22,60	26,70	58,90	72,60

Very efficient cooling is obtained by letting the wheel idle at intervals.

7093GL

Prod. SCU

Universal type with diamond segments, continuous cutting. Very high value for money.

Suitable for portable machines. For dry and wet cutting of all building and covering materials including marble, granite, etc. Hole Ø mm 22.

Ø	mm	115	125	230
Segment height x thick.	mm	10x1,2	10x1,2	12x1,9
Max speed	rev/min	13300	12200	6600
7093GL	Each	16,90	18,40	42,20

For optimal cooling, rotate the disc idle at intervals.

7094G

Orig. Sonnenflex - Art. Fliesen

Diamond continuous cutting. Suitable for portable machines.

Used for dry cutting of marble, thin granite, tiles, ceramics, synthetic fibers, etc.

Hole Ø 22mm.

Ø	mm	115	125	180	230
Segment height x thick.	mm	7x1,6	7x1,6	7x1,6	8x1,7
Max speed	rev/min	13300	12200	8600	6600
7094G	Each	17,80	21,40	32,60	48,70

Very efficient cooling is obtained by letting the wheel idle at intervals.

7096G

Orig. Sonnenflex - Art. Feinsteinzeug

Diamond continuous cutting, thin thickness, COBALT binder. Suitable for portable machines.

Very high performance to cut porcelain stoneware, tiles obtained by any firing process, klinker, marbles and natural and artificial stones.

Hole Ø 22mm.

Ø	mm	115	125	180	230
Segment height x thick.	mm	7x1,2	7x1,2	10x1,6	10x1,6
Max speed	rev/min	13300	12200	8600	6600
7096G	Each	23,10	28,80	63,70	82,20

Very efficient cooling is obtained by letting the wheel idle at intervals.



Orig. Sonnenflex - Art. Mauernutfräser

Special type with laser-welded diamond segments. Specifically indicated to cut slots with portable machines (grinders and cutters) in walls, stones, concrete, etc.
Hole Ø 22mm.

Ø	mm	115	125
Segment height x thick.	mm	7x6,4	7x6,4
Max speed	rev/min	13300	12200
7098G	Each	46,90	52,40

Very efficient cooling is obtained by letting the wheel idle at intervals.



7098G



DIAMOND COATED MILLING DISKS

Orig. Sonnenflex - Art. Einfach belegt

Universal model diamond segments. Suitable for portable machines. Dry milling materials generally, concrete, granite from lay, etc.
Hole diameter 22 mm.

Depressed-centre model.

Ø	mm	100	125	180
Segment height x thick.	mm	8x5	8x5	8x5
Max speed	rev/min	15200	12200	8600
7099GA	Each	64,10	80,50	123,00



7099GA



Prod. SCU

Optimal price/quality ratio, with diamond segments. Suitable for portable machines. To dry mill materials in general, concrete, granite to lay, etc.
Hole Ø 22 mm.

Depressed-centre model.

Ø	mm	125
Segment height x thick.	mm	8x5
Max speed	rev/min	12200
7099GAL	Each	16,70



7099GAL



Orig. Sonnenflex - Art. Doppelt belegt

Universal model with double round of diamond segments for better expulsion of debris. Suitable for portable machines. For strongly dry roughing materials in general, concrete, granite, ceramics, stones, etc.

Hole diameter 22 mm.

Depressed-centre model.

Ø	mm	100	125	180
Segment height x thick.	mm	8x5	8x5	8x5
Max speed	rev/min	15200	12200	8600
7099GB	Each	88,10	104,00	138,00



7099GB



Prod. SCU

Optimal price/quality ratio, with double row of diamond segments for better expulsion of debris. Suitable for portable machines. To dry mill materials in general, concrete, granite to lay, etc.
Hole Ø 22 mm.

Depressed-centre model.

Ø	mm	125
Segment height x thick.	mm	8x5
Max speed	rev/min	12200
7099GBL	Each	17,50



7099GBL





7099GE **SCU**



Optimal price/quality ratio; continuous insert with radial notches for a better expulsion of debris. Suitable for portable machines. To dry mill materials in general, concrete, granite to lay, etc. Hole Ø 22 mm.

Depressed-centre model.

Ø	mm	125
Segment height x thick.	mm	4x20
Max speed	rev/min	12200

7099GE	Each	18,20
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CUTTING-OFF WHEELS FOR STEEL AND INOX

7100G **Sonnenflex**
Abrasives Germany



Metalli

Orig. Sonnenflex - Art. AS30PBF-ROF-F.42

Suited to cut metals, steel and stainless steel. It does not leave ferrous and sulphide traces. High performance, in hardened and tempered electrocorindon, hard-type. Synthetic resin binder. Reinforced. Hole Ø 22mm.

Depressed-centre model. Grit 30.

Ø	mm	115	125	230
Thickness	mm	3	3	3
Indicative pck.	Pcs	25	25	25

7100G	Each	1,62	1,72	3,32
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7105G **Sonnenflex**
Abrasives Germany



Metalli

Orig. Sonnenflex - Art. AS 30 PBF-ROF-F.41

Product description as Art. 7100G

Flat centre model. Grit 30.

Ø	mm	180	230
Thickness	mm	3	3
Indicative pck.	Pcs	25	25

7105G	Each	2,16	3,32
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7106G **Sonnenflex**
Abrasives Germany



Metalli

Orig. Sonnenflex - Art. AS 60 QBF-ROF-F.41

For cutting metals, steels and stainless steel. Does not leave any traces and iron sulphides. High efficiency and durability, in hard tempered electro corundum. Binder in synthetic resin. Fibre reinforcements. Hole diameter 22 mm.

Extra-thin, flat centre type. Grit 60.

Ø	mm	115	125
Thickness	mm	0,8	0,8
Indicative pck.	Pcs	25	25

7106G	Each	1,78	1,96
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7106P **Sonnenflex**
Abrasives Germany



Metalli

Orig. Sonnenflex - Art. AS 60 QBF-ROF-F.41 GS PLUS

Suited to cut metals, steel and stainless steel. It does not leave ferrous and sulphide traces. Extremely high performance, in hardened and tempered electrocorindon, hard-type. Synthetic resin binder. Reinforced. Hole Ø 22mm.

Thin flat centre model. Grit 60.

Ø	mm	115	125
Thickness	mm	1	1
Indicative pck.	Pcs	25	25

7106P	Each	1,68	1,92
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Orig. Sonnenflex - Art. AS 60 PBF-ROF-F.41

Suited to cut metals, steel and stainless steel. It does not leave ferrous and sulphide traces. High performance, in hardened and tempered electrocorindon, hard-type. Synthetic resin binder. Reinforced. Hole Ø 22mm. Thin flat centre model. Grit 60.

Ø	mm	115	125
Thickness	mm	1	1
Indicative pck.	Pcs	50	50
7107G	Each	1,12	1,42



7107G



Metalli



Orig. Sonnenflex - Art. AS 46 QBF-ROF-F.41

Suited to cut metals, steel and stainless steel. It does not leave ferrous and sulphide traces. Very high performance, in hardened and tempered electrocorindon, hard-type. Synthetic resin binder. Reinforced. Hole Ø 22mm. Thin flat centre model. Grit 46.

Ø	mm	115	125	180
Thickness	mm	1,6	1,6	1,6
Indicative pck.	Pcs	25	25	25
7107P	Each	1,66	1,72	2,64



7107P



Metalli



Orig. Sonnenflex - Art. AS 46 PBF-ROF-F.41

Suited to cut metals, steel and stainless steel. It does not leave ferrous and sulphide traces. High performance, in hardened and tempered electrocorindon, hard-type. Synthetic resin binder. Reinforced. Hole Ø 22mm. Thin flat centre model. Grit 46.

Ø	mm	115	125
Thickness	mm	1,6	1,6
Indicative pck.	Pcs	50	50
7108G	Each	1,12	1,42



7108G



Metalli



Orig. Sonnenflex - Art. AS 36 SBF-ROF-F.41

Suited to cut metals, steel and stainless steel. It does not leave ferrous and sulphide traces. Very high performance, in hardened and tempered electrocorindon, hard-type. Synthetic resin binder. Reinforced. Hole Ø 22mm. Thin flat centre model. Grit 36.

Ø	mm	230
Thickness	mm	1,9
Indicative pck.	Pcs	25
7109G	Each	3,84



7109G



Metalli



Orig. Sonnenflex - Art. AS 40 PBF-ROF-F.41

Suited to cut metals, steel and stainless steel. It does not leave ferrous and sulphide traces. High performance, in hardened and tempered electrocorindon, hard-type. Synthetic resin binder. Reinforced. Hole Ø 22mm. Flat and thin centre model. Grit 36/40.

Ø	mm	180	230
Thickness	mm	1,6	1,9
Indicative pck.	Pcs	25	25
7110G	Each	2,16	2,82



7110G



Metalli





7115G



Metalli



Orig. Sonnenflex - Art. AS 30 T6BF-F.42

For cutting metal, steel and stainless steel. Leave no trace of iron and sulfides. Very high performance and long lasting life. In hardened and tempered electrocorindon. Binder in synthetic resin. Reinforced. Hole Ø 22mm. Depressed-centre model. Grit 30.

Ø	mm	115	125	230
Thickness	mm	3	3	3
Indicative pck.	Pcs	25	25	25
7115G	Each	1,72	1,82	3,84

CUTTING-OFF WHEELS FOR ALUMINIUM

7119G



Metalli



Orig. Sonnenflex - Art. AS 46 RBF-ALU-F.41

For cutting aluminium and non-ferrous metals. The particular structure of the wheels avoids the clogging due to the removed material, maintaining the abrasive power and extending the service life. Hard type, in hardened electrocorindon with synthetic resin binder. Fibre reinforcement. Hole diameter 22 mm.

Thin, flat centre type. Grit 46.

Ø	mm	115	125
Thickness	mm	1,6	1,6
Indicative pck.	Pcs	50	50
7119G	Each	1,44	1,54

7120G



Metalli



Orig. Sonnenflex - Art. AS 36 RBF-ALU-F.42

Product description as Art. 7119G
Depressed-centre model. Grit 36.

Ø	mm	115	125	180
Thickness	mm	3	3	3
Indicative pck.	Pcs	25	25	25
7120G	Each	1,62	1,72	3,02

Size mm 180 running out of stock.

7125G



Metalli



Orig. Sonnenflex - Art. AS 36 RBF-ALU-F.41

Product description as Art. 7119G
Flat centre model. Grit 36.

Ø	mm	180	230
Thickness	mm	3	3
Indicative pck.	Pcs	25	25
7125G	Each	3,02	3,32

Size mm 180 running out of stock.

ROUGH GRINDING WHEELS FOR METAL

7127G



Metalli



Orig. Sonnenflex - Art. AS 60 RBF-F.41

Universal model to cut iron, metals and alloyed steel. In electrocorindon, wired, flexible and unbreakable. Perfect cut without deburring. Hole Ø 22mm. Flat and thin centre model. Grit 60.

Ø	mm	115	125
Thickness	mm	1	1
Indicative pck.	Pcs	50	50
7127G	Each	1,10	1,20

12



Orig. Sonnenflex - Art. AS 46 RBF-F.41

Product description as Art. 7127G

Flat and thin centre model. Grit 46.

Ø	mm	115	125
Thickness	mm	1,6	1,6
Indicative pck.	Pcs	50	50
7128G	Each	1,16	1,28



7128G



Metalli



Orig. Sonnenflex - Art. AS 36 RBF-F.42

Product description as Art. 7127G

Depressed-centre model. Grit 36.

Ø	mm	100	115	125	180	230
Thickness	mm	2,5	2,5	2,5	3	3
Indicative pck.	Pcs	25	25	25	25	25
7130G	Each	1,28	1,20	1,38	2,22	2,50

Art. 7130 G 100 : hole Ø 17mm



7130G



Metalli



Orig. Sonnenflex - Art. AS 36 RBF-F.41

Product description as Art. 7127G

Flat centre model. Grit 36.

Ø	mm	115	125	150	180	230
Thickness	mm	2,5	2,5	3	3	3
Indicative pck.	Pcs	25	25	25	25	25
7136G	Each	1,30	1,38	2,00	2,22	2,64



7136G



Metalli



Orig. Sonnenflex - Art. AS 40 RBF-F.42

Extra quality, to cut sheet steel.

In electrocorindon, wired, thin, sturdy, long-lasting.

Hole Ø 22mm.

Depressed-centre model. Grit 40.

Ø	mm	115	125
Thickness	mm	2	2
Indicative pck.	Pcs	50	50
7137G	Each	1,30	1,38



7137G



Metalli



Orig. Sonnenflex - Art. AS 40 RBF-F.41

Product description as Art. 7137G

Flat centre model. Grit 40.

Ø	mm	115	125	180	230
Thickness	mm	2	2	2	2
Indicative pck.	Pcs	25	25	25	25
7138G	Each	1,30	1,38	2,16	2,64



7138G



Metalli



**7140G** **Metalli****Orig. Sonnenflex - Art. AS 30 TBF-F.41**

Special model for dry cutting. Suitable for stationary machines.
Used to cut steel (higher than R 60 kg/mm²).
In electrocorindon, wired, with double reinforcement, flexible and unbreakable.
Perfect cut without deburring. Hole Ø 25.4mm.

Flat centre model. Grit 30.

Ø	mm	300	350	400
Thickness	mm	3,5	3,5	4,5
Indicative pck.	Pcs	25	20	15
7140G	Each	5,58	9,42	10,60

7145G **Metalli****Orig. Sonnenflex - Art. AS 36 NBF-F.41**

Universal model for dry cutting. Suitable for portable machines, with protected blade.
Used to cut steel, profiles, pipes, levers, etc.
In electrocorindon, wired, flexible and unbreakable.
Hole Ø 25.4mm.

Flat centre model. Grit 36.

Ø	mm	300	355
Thickness	mm	2,8	2,8
Indicative pck.	Pcs	25	25
7145G	Each	5,24	9,24

COMBINED CUTTING WHEELS FOR STEEL, INOX, STONE AND TILE**7146G** **Metalli
Pietre****Orig. Sonnenflex - Art. AC 60 RBF-F.41**

For universal use with no need to change discs. Particularly suitable in carpentry and construction. High efficiency in electrocorindon and silicon carbide reclaimed. Synthetic resin binder reinforced with fiber reinforcement. Ø 22 mm hole.

Type with thin flat center. Grit 60.

Ø	mm	115	125
Thickness	mm	1	1
Indicative pck.	Pcs	50	50
7146G	Each	1,44	1,54

DEPRESSED-CENTRE GRINDING WHEELS FOR STEEL AND INOX**7147G** **Metalli****Orig. Sonnenflex - Art. A 46P BF-ROF-F.27**

Suitable for cutting and deburring metals, steels and stainless steel.
Very high performance thanks to the very good combination of thickness and reinforcement.
In hardened electrocorindon, hard type, synthetic resin binder.
Glass fibre reinforcement, no ferrous and sulphide traces. Hole Ø 22mm.
Depressed-centre model. Grade 46.

Ø	mm	115	125
Thickness	mm	1,9	1,9
Indicative pck.	Pcs	10	10
7147G	Each	2,68	2,68



DEPRESSED-CENTRE GRINDING WHEELS FOR STEEL AND INOX

Orig. Sonnenflex - Art. AS 2407 BF-ROF-F.27

Suited to rough-shape metals, steel and stainless steel. Particularly used in food industry and for applications in nuclear power plants as it does not leave ferrous and sulphide traces. High performance, in hardened and tempered electrocorindon, hard-type. Synthetic resin binder. Hole Ø mm 22. Depressed center type. Grit 24.



7150G



Metalli



Ø	mm	115	125	180	230
Thickness	mm	6	6	8	8
Indicative pck.	Pcs	10	10	10	10
7150G	Each	2,30	2,46	5,66	7,30

Orig. Sonnenflex - Art. AS 24 R6 BF-F.27

Suited to rough-shape steel, stainless steel and cast-iron. Particularly used in carpentry and for industrial applications. In hardened electrocorindon. Very high efficiency and durability. Reinforced. Hole Ø 22mm. Depressed-center model. Grit 24.



7155G



Metalli



Ø	mm	115	125	180	230
Thickness	mm	6	6	6	6
Indicative pck.	Pcs	10	10	10	10
7155G	Each	2,58	2,82	4,52	6,40

Prod. SCU

Very high performance type, with particular mixtures of zirconium/ceramic abrasives and abrasive surface with dowels. This allows fast processing with few grinding vibrations; can also be used with very hard materials such as titanium and stainless steel, or with very tough materials such as stainless steels and aluminium. Fibre reinforcement. Hole Ø 22 mm. Centrally pressed. 36 grit.



7157G



Metalli



Ø	mm	115	125	180
Thickness	mm	5	5	5
Indicative pck.	Pcs	10	10	10
7157G	Each	8,14	9,20	16,20

DEPRESSED-CENTRE GRINDING WHEELS FOR ALUMINIUM

Orig. Sonnenflex - Art. AS 24 PBF-ALU-F.27

Suited to rough-shape aluminium and non-ferrous metals. Their special structure avoid clogging due to removed material without altering abrasive power and prolonging the tool life. In hardened and tempered electrocorindon, hard-type. Synthetic resin binder. Reinforced. Hole Ø 22mm. Depressed-center model. Grade 24.



7160G



Metalli



Ø	mm	115	125
Thickness	mm	6	6
Indicative pck.	Pcs	10	10
7160G	Each	2,16	2,40



ROUGH GRINDING WHEELS FOR METAL

7165G



Metalli



Orig. Sonnenflex - Art. AS 24 PBF-F.27

Universal model to rough-shape iron, metals and alloyed steel.

In electrocorindon, wired, flexible and unbreakable.

Hole Ø 22mm. (Only measure 100x6 mm: Ø 16 mm)

Depressed-centre model. Grade 24.

Ø and thickness	mm	100x6	115x6	125x6	150x6	180x6	180x8	230x6
Indicative pck.	Pcs	10	10	10	10	10	10	10
7165G	Each	1,72	1,96	2,16	2,68	3,70	4,56	5,76

Ø and thickness	mm	230x8
Indicative pck.	Pcs	10
7165G	Each	6,26

7168G



Metalli



Orig. Sonnenflex - Art. AS 30 TBF-F.27

Extra quality, particularly suited to the rough-shaping of angled surface in steel, cast iron, weld beads, etc.

In electrocorindon, wired and unbreakable.

Hole Ø 22mm.

Depressed-centre model. Grade 30.

Ø	mm	115	125	180	230
Thickness	mm	6	6	6	6
Indicative pck.	Pcs	10	10	10	10
7168G	Each	1,96	2,16	3,70	5,76

ROUGH GRINDING WHEELS

7175G



Pietre



Orig. Sonnenflex - Art. CS 30 TBF-F.42

In silicon carbide. Perfect cut without deburring. Hole Ø 22mm.

Suitable to cut natural or artificial stones and marbles.

Depressed-centre model. Grit 30.

Ø	mm	115	125	230
Thickness	mm	3	3	3
Indicative pck.	Pcs	25	25	25
7175G	Each	1,30	1,38	2,76

7176G



Pietre



Orig. Sonnenflex - Art. CS 30 TBF-F.41

Product description as Art. 7175G

Suitable to cut natural or artificial stones and marbles.

Flat centre model. Grit 30.

Ø	mm	115	125	180	230
Thickness	mm	3	3	3	3
Indicative pck.	Pcs	25	25	25	25
7176G	Each	1,30	1,38	2,30	2,82



COMBINED CUTTING WHEELS FOR METAL AND STONE

Orig. Sonnenflex - Art. AC 30 RBF-F.42

For universal use with no need to change discs. Particularly suitable in carpentry and construction. High efficiency in electrocorindon and silicon carbide reclaimed. Synthetic resin binder reinforced with fiber reinforcement. Ø 22 mm hole.

Type with depressed center. Grit 30.

Ø	mm	115	125	180	230
Thickness	mm	3	3	3	3
Indicative pck.	Pcs	25	25	25	25
7195GA	Each	1,30	1,38	2,30	2,82



7195GA



**Metalli
Pietre**



Orig. Sonnenflex - Art. AC 30 RBF-F.41

Product description as Art. 7195GA

Type at flat center. Grit 30.

Ø	mm	180	230	300	355
Thickness	mm	3	3	3,5	4
Indicative pck.	Pcs	25	25	25	20
7195GB	Each	2,30	2,82	5,68	10,10



7195GB



**Metalli
Pietre**



DEPRESSED-CENTRE GRINDING WHEELS FOR STONE AND GREY CAST IRON

Orig. Sonnenflex - Art. CS 24 RBF-F.27

Suitable to rough-shape stones, cast iron, non-ferrous metals and aluminium.

Universal use with great abrasive power.

In hardened silicon carbide, hard type.

Synthetic resin binder.

Reinforced. Hole Ø 22mm.

Depressed-centre model. Grit 24.

Ø	mm	115	125	180
Thickness	mm	6	6	8
Indicative pck.	Pcs	10	10	10
7200G	Each	2,06	2,34	4,94

Size mm 180 running out of stock.



7200G



Pietre e Ghisa



ABRASIVE FILES

Prod. SCU

In corundum. Files for sharpening or grinding steel. Dry/water/oil use.

Kind of grain: M (180 Medium) - F (320 Fine). Brown colour.

Square files.

Size		1	1	2	2	3	3	4
Grain		M	F	M	F	M	F	M
Dimensions approx.	mm	100x6	100x6	100x8	100x8	100x10	100x10	150x10
7600A	Each	2,28	2,54	2,32	2,58	2,32	2,58	2,54
Size		4	5	5	6	6		
Grain		F	M	F	M	F		
Dimensions approx.	mm	150x10	150x15	150x15	200x20	200x20		
7600A	Each	2,80	3,04	3,38	4,80	5,24		

Indicative packing unit: 10 pieces.



7600A





7600B



Product description as Art. 7600A

Triangular files.

Size		1	1	2	2	3	3	4	
Grain		M	F	M	F	M	F	M	
Dimensions approx.	mm	100x6	100x6	100x8	100x8	100x10	100x10	150x10	
	7600B	Each	2,28	2,54	2,32	2,58	2,32	2,58	2,54
Size		4	5	5	6	6			
Grain		F	M	F	M	F			
Dimensions approx.	mm	150x10	150x15	150x15	200x20	200x20			
	7600B	Each	2,80	3,04	3,38	4,80	5,24		

Indicative packing unit: 10 pieces.

7600C



Product description as Art. 7600A

Round files.

Size		1	1	2	2	3	3	4	
Grain		M	F	M	F	M	F	M	
Dimensions approx.	mm	100x6	100x6	100x8	100x8	100x10	100x10	150x10	
	7600C	Each	2,28	2,54	2,32	2,58	2,32	2,58	2,54
Size		4	5	5	6	6			
Grain		F	M	F	M	F			
Dimensions approx.	mm	150x10	150x15	150x15	200x20	200x20			
	7600C	Each	2,80	3,04	3,38	4,80	5,24		

Indicative packing unit: 10 pieces.

7600D



Product description as Art. 7600A

Half-round files.

Size		1	1	2	2	3	3	4	
Grain		M	F	M	F	M	F	M	
Dimensions approx.	mm	100x6	100x6	100x8	100x8	100x10	100x10	150x10	
	7600D	Each	2,28	2,54	2,32	2,58	2,32	2,58	2,54
Size		4	5	5	6	6			
Grain		F	M	F	M	F			
Dimensions approx.	mm	150x10	150x15	150x15	200x20	200x20			
	7600D	Each	2,80	3,04	3,38	4,80	5,24		

Indicative packing unit: 10 pieces.

7600E



Product description as Art. 7600A

Flat files.

Size		1	1	2	2	3	3	
Grain		M	F	M	F	M	F	
Dimensions approx.	mm	100x8	100x8	100x10	100x10	150x10	150x10	
Thickness approx.	mm	4	4	5	5	5	5	
	7600E	Each	2,50	2,72	2,50	2,72	2,76	3,04
Size		4	4	5	5	6	6	
Grain		M	F	M	F	M	F	
Dimensions approx.	mm	150x15	150x15	150x20	150x20	200x20	200x20	
Thickness approx.	mm	10	10	10	10	10	10	
	7600E	Each	2,76	3,04	3,04	3,38	3,74	4,04

Indicative packing unit: 10 pieces.

7604A



In carborundum. Files for sharpening or grinding hard or hardened steel, Widia, etc.. Dry/water/oil use.

Kind of grain: M (180 Medium) - F (220 Fine). Green colour.

Square files.

Size		1	1	2	2	3	3	4
Grain		M	F	M	F	M	F	M
Dimensions approx.	mm	100x6	100x6	100x8	100x8	100x10	100x10	150x10
	7604A	Each	2,54	2,54	2,58	2,58	2,58	2,80
Size		4	5	5	6	6		
Grain		F	M	F	M	F		
Dimensions approx.	mm	150x10	150x15	150x15	200x20	200x20		
	7604A	Each	2,80	3,38	3,38	5,24	5,24	

Indicative packing unit: 10 pieces.

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Prices in EURO . VAT not included



Product description as Art. 7604A

Triangular files.

Size		1	1	2	2	3	3	4
Grain		M	F	M	F	M	F	M
Dimensions approx.	mm	100x6	100x6	100x8	100x8	100x10	100x10	150x10
7604B	Each	2,54	2,54	2,58	2,58	2,58	2,58	2,80
Size		4	5	5	6	6		
Grain		F	M	F	M	F		
Dimensions approx.	mm	150x10	150x15	150x15	200x20	200x20		
7604B	Each	2,80	3,38	3,38	5,24	5,24		

Indicative packing unit: 10 pieces.

SCU

7604B



Product description as Art. 7604A

Round files.

Size		1	1	2	2	3	3	4
Grain		M	F	M	F	M	F	M
Dimensions approx.	mm	100x6	100x6	100x8	100x8	100x10	100x10	150x10
7604C	Each	2,54	2,54	2,58	2,58	2,58	2,58	2,80
Size		4	5	5	6	6		
Grain		F	M	F	M	F		
Dimensions approx.	mm	150x10	150x15	150x15	200x20	200x20		
7604C	Each	2,80	3,38	3,38	5,24	5,24		

Indicative packing unit: 10 pieces.

SCU

7604C



Product description as Art. 7604A

Half-round files.

Size		1	1	2	2	3	3	4
Grain		M	F	M	F	M	F	M
Dimensions approx.	mm	100x6	100x6	100x8	100x8	100x10	100x10	150x10
7604D	Each	2,54	2,54	2,58	2,58	2,58	2,58	2,80
Size		4	5	5	6	6		
Grain		F	M	F	M	F		
Dimensions approx.	mm	150x10	150x15	150x15	200x20	200x20		
7604D	Each	2,80	3,38	3,38	5,24	5,24		

Indicative packing unit: 10 pieces.

SCU

7604D



Product description as Art. 7604A

Flat files.

Size		1	1	2	2	3	3
Grain		M	F	M	F	M	F
Dimensions approx.	mm	100x8	100x8	100x10	100x10	150x10	150x10
Thickness approx.	mm	4	4	5	5	5	5
7604E	Each	2,72	2,72	2,72	2,72	3,04	3,04
Size		4	4	5	5	6	6
Grain		M	F	M	F	M	F
Dimensions approx.	mm	150x15	150x15	150x20	150x20	200x20	200x20
Thickness approx.	mm	10	10	10	10	10	10
7604E	Each	3,04	3,04	3,38	3,38	4,04	4,04

Indicative packing unit: 10 pieces.

SCU

7604E



Orig. Apex

Corap. In electrocorundum. Brown colour.

Files for sharpening or grinding hard or hardened steel. Dry/water/oil use.

Grits: G (120 Coarse) - M (180 Medium) - F (320 Fine).

Square files.

Dimensions approx.	mm	100x8	100x10	100x10	100x10	150x10	150x10	150x10
Grain		F	G	M	F	G	M	F
7612GA	Each	5,24	5,30	5,30	5,30	7,72	7,72	7,72
Dimensions approx.	mm	150x13	150x13	150x13	150x15	150x15	150x15	200x20
Grain		G	M	F	G	M	F	G
7612GA	Each	7,92	7,92	7,92	8,28	8,28	8,28	10,70
Dimensions approx.	mm	200x20	200x20					
Grain		M	F					
7612GA	Each	10,70	10,70					

Indicative packing unit: 10 pieces.

Product running out of stock.

APEX

7612GA



**7612GB APEX**

Product description as Art. 7612GA

Triangular files.

Dimensions approx.	mm	100x8	100x8	100x10	100x10	100x10	150x10	150x10
Grain		G	M	G	M	F	G	M
7612GB	Each	6,78	6,78	6,84	6,84	6,84	8,56	8,56
Dimensions approx.	mm	150x10	150x13	150x15	150x15	200x20	200x20	200x20
Grain		F	F	M	F	G	M	F
7612GB	Each	8,56	8,72	9,42	9,42	13,10	12,70	12,70

Indicative packing unit: 10 pieces.

Product running out of stock.

7612GC APEX

Product description as Art. 7612GA

Round files.

Dimensions approx.	mm	100x8	100x8	100x8	100x10	100x10	100x10	150x10
Grain		G	M	F	G	M	F	G
7612GC	Each	6,88	6,88	6,88	6,94	6,94	6,94	7,88
Dimensions approx.	mm	150x10	150x10	150x13	150x13	150x13	150x15	150x15
Grain		M	F	G	M	F	G	M
7612GC	Each	7,88	7,88	8,14	8,14	8,14	9,36	9,36
Dimensions approx.	mm	150x15	200x20					
Grain		F	F					
7612GC	Each	9,36	11,80					

Indicative packing unit: 10 pieces.

Product running out of stock.

7612GD APEX

Product description as Art. 7612GA

Half-round files.

Dimensions approx.	mm	100x8	100x8	100x8	100x10	100x10	100x10	150x10
Grain		G	M	F	G	M	F	G
7612GD	Each	7,02	7,02	7,02	7,20	7,20	7,20	9,42
Dimensions approx.	mm	150x10	150x10	150x13	150x13	150x13	150x15	150x15
Grain		M	F	G	M	F	G	M
7612GD	Each	9,42	9,42	9,66	9,66	9,66	9,92	9,92
Dimensions approx.	mm	150x15	200x20	200x20	200x20			
Grain		F	G	M	F			
7612GD	Each	9,92	12,30	12,30	12,30			

Indicative packing unit: 10 pieces.

Product running out of stock.

7612GE APEX

Product description as Art. 7612GA

Flat files.

Dimensions approx.	mm	120x15	120x15	120x15	150x20	150x20	150x20
Grain		G	M	F	G	M	F
Thickness approx.	mm	6	6	6	8	8	8
7612GE	Each	5,76	5,76	5,76	10,60	10,60	10,60
Dimensions approx.	mm	200x20	200x20	200x20			
Grain		G	M	F			
Thickness approx.	mm	10	10	10			
7612GE	Each	12,90	12,90	12,90			

Indicative packing unit: 10 pieces.

Product running out of stock.

7614GA APEX

Silap. In carborundum. Grey colour.

Files for sharpening or grinding hard or hardened steel, hard metals, Widia etc.. Dry/water/oil use.

Square files.

Dimensions approx.	mm	100x8	100x8	100x8	100x10	100x10	100x10	150x10
Grain		G	M	F	G	M	F	G
7614GA	Each	5,38	5,38	5,38	5,52	5,52	5,52	7,92
Dimensions approx.	mm	150x10	150x10	150x13	150x13	150x13	150x15	150x15
Grain		M	F	G	M	F	M	F
7614GA	Each	7,92	7,92	8,28	8,28	8,28	8,72	8,48
Dimensions approx.	mm	200x20	200x20	200x20				
Grain		G	M	F				
7614GA	Each	11,10	11,10	11,10				

Indicative packing unit: 10 pieces.

Product running out of stock.



Product description as Art. 7614GA

Triangular files.

Dimensions approx.	mm	100x8	100x8	100x10	100x10	100x10	150x10	150x10
Grain		G	M	G	M	F	G	M
7614GB	Each	6,92	6,92	7,12	7,12	7,12	8,86	8,86
Dimensions approx.	mm	150x10	150x13	150x13	150x13	150x15	150x15	150x15
Grain		F	G	M	F	G	M	F
7614GB	Each	8,86	9,08	9,08	9,08	9,74	9,74	9,74
Dimensions approx.	mm	200x20	200x20	200x20				
Grain		G	M	F				
7614GB	Each	13,10	13,10	13,10				

Indicative packing unit: 10 pieces.
Product running out of stock.



Product description as Art. 7614GA

Round files.

Dimensions approx.	mm	100x8	100x8	100x10	100x10	100x10	150x10	150x10
Grain		M	F	G	M	F	G	M
7614GC	Each	6,92	6,92	7,12	7,12	7,12	8,02	8,02
Dimensions approx.	mm	150x10	150x13	150x13	150x13	150x15	150x15	150x15
Grain		F	G	M	F	G	M	F
7614GC	Each	8,02	8,28	8,28	8,28	9,56	9,56	9,56
Dimensions approx.	mm	200x20						
Grain		F						
7614GC	Each	12,50						

Indicative packing unit: 10 pieces.
Product running out of stock.



Product description as Art. 7614GA

Half-round files.

Dimensions approx.	mm	100x8	100x8	100x8	100x10	100x10	100x10	150x10
Grain		G	M	F	G	M	F	G
7614GD	Each	7,22	7,22	7,22	7,36	7,36	7,36	9,74
Dimensions approx.	mm	150x10	150x10	150x13	150x13	150x13	150x15	150x15
Grain		M	F	G	M	F	G	M
7614GD	Each	9,74	9,74	9,88	9,88	9,88	9,94	9,94
Dimensions approx.	mm	150x15	200x20	200x20	200x20			
Grain		F	G	M	F			
7614GD	Each	9,94	12,60	12,60	12,60			

Indicative packing unit: 10 pieces.
Product running out of stock.



Product description as Art. 7614GA

Flat files.

Dimensions approx.	mm	100x20	100x20	100x20	150x20	200x25	200x25	200x25
Grain		G	M	F	M	G	M	F
Thickness approx.	mm	6	6	6	10	13	13	13
7614GE	Each	5,86	5,86	5,86	11,10	12,40	12,40	12,40

Indicative packing unit: 10 pieces.
Product running out of stock.



COMBINED SILAP FLAT FILES

Prod. SCU

Silap. In carborundum. Grey colour.

Files for sharpening or grinding hard or hardened steel, hard metals, Widia etc..

Without handgrip. Dry/water/oil use.

Abrasive length approx.	mm	150	200
7620G	Each	18,10	20,10



ARTIFICIAL ARKANSAS ABRASIVE FILES

Prod. SCU

Synthetic Arkansas - White colour.

Suitable for sharpening cutting edges, especially for high precision tools. Water/oil use. Very fine grain.

Square files.

Length approx.	mm	100	125
Width approx.	mm	10	10
7622GA	Each	7,14	8,70





7622GB

SCU



Product description as Art. 7622GA

Triangular files.

Length approx.	mm	100	125
Width approx.	mm	10	10
7622GB	Each	7,44	10,50

7622GC

SCU



Product description as Art. 7622GA

Round files.

Length approx.	mm	100	125
Width approx.	mm	10	10
7622GC	Each	8,70	12,10

7622GD

SCU



Product description as Art. 7622GA

Half-round files.

Length approx.	mm	100	125
Width approx.	mm	10	10
7622GD	Each	11,10	14,40

7622GE

SCU



Product description as Art. 7622GA

Flat files.

Length approx.	mm	100	125
Width approx.	mm	6 to 10	12 to 20
Thickness approx.	mm	2 to 5	5 to 10
7622GE	Each	8,40	12,10

SINTERED RUBY CRYSTALS ABRASIVE FILES

7628GA

SCU



Prod. SCU

SICORIT - White colour. Files made of ruby crystals sintered at a very high temperature, without bonding agents.

Abrasive power and life much higher than the best NATURAL ARKANSAS. Very strong high-precision edges.

Suitable for extra fine sharpening and lapping. Dry/water/oil use. Extra fine grain.

Square files.

Length approx.	mm	100	120
Width approx.	mm	8	13
7628GA	Each	19,90	26,20

7628GB

SCU



Product description as Art. 7628GA

Triangular files.

Length approx.	mm	100	120
Width approx.	mm	8	13
7628GB	Each	21,30	27,10

7628GC

SCU



Product description as Art. 7628GA

Round files.

Length approx.	mm	100	120
Width approx.	mm	8	13
7628GC	Each	23,50	29,10

7628GD

SCU



Product description as Art. 7628GA

Half-round files.

Length approx.	mm	100	120
Width approx.	mm	8	13
7628GD	Each	24,10	30,70

7628GE

SCU



Product description as Art. 7628GA

Flat files.

Length approx.	mm	100	120
Width approx.	mm	8	12
Thickness approx.	mm	4	6
7628GE	Each	22,10	29,10

SILICON CARBIDE SHARPENING STONES

7650G

SCU



Prod. SCU

Silicon carbide. Use with water or oil.

Fine grain (220).

Kife shape.

Length approx.	mm	115	150
Width approx.	mm	45	45
7650G	Each	9,68	13,20

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Product description as Art. 7650G

Multishape.

Length approx.	mm	115	150
Width approx.	mm	45	45
7655G	Each	12,20	14,90

SCU

7655G



Product description as Art. 7650G

Convex shape.

Length approx.	mm	115	150
Width approx.	mm	45	45
7660G	Each	9,68	13,20

SCU

7660G



KNIFE SHARPENING STONES

Prod. SCU

With one acute edge and one flat edge. Dimensions are approximate. Lubricated with water and oil. Very fine grit.

Synthetic Arkansas.

Length approx.	mm	100
Width approx.	mm	25
Sides height approx.	mm	1-8
7662G	Each	10,80

SCU

7662G



With one acute and one flat edge. Dimensions are approximate. To be used alone or lubricated with water and oil. Very fine grit.

SICORIT - In RUBY crystals.

Length approx.	mm	100
Width approx.	mm	25
Sides height approx.	mm	1-5
7663G	Each	41,20

SCU

7663G



CONVEX SHARPENING STONES

Prod. SCU

With both rounded edges. Dimensions are approximate. Lubricated with water and oil. Very fine grit.

Synthetic Arkansas.

Length approx.	mm	100	125
Width approx.	mm	45	45
Sides height approx.	mm	2-6	3-10
7665G	Each	11,50	14,90

SCU

7665G



With both rounded edges. Dimensions are approximate. To be used alone or lubricated with water and oil. Very fine grit.

SICORIT - In RUBY crystals.

Length approx.	mm	100
Width approx.	mm	40
Sides height approx.	mm	3-8
7668G	Each	49,20

SCU

7668G



RECTANGULAR SHARPENING STONES

Prod. SCU

To sharpen any kind of cutting tool.

Lubricated with water or oil. Thickness 20mm (16mm for size 125).

Grits: M (180 Medium) - F (320 Fine).

Electrocorundum Corap - Brown.

Length approx.	mm	125	125	150	150	200	200
Grain		M	F	M	F	M	F
Width approx.	mm	50	50	50	50	50	50
7675G	Each	12,40	12,40	15,10	15,10	22,30	22,30

SCU

7675G





7678G

SCU



To sharpen any kind of cutting tool.
Lubricated with water or oil. Thickness 20mm (16mm for size 125).
Grits: M (180 Medium) - F (220 Fine).
Silicon carbide Silap - Grey

Length approx.	mm	125	125	150	150	200	200
Grain		M	F	M	F	M	F
Width approx.	mm	50	50	50	50	50	50
7678G	Each	12,00	12,00	16,90	16,90	23,60	23,60

7680G

SCU



Lubricated with water or oil. Very fine grit.
Synthetic Arkansas.

Length approx.	mm	100	125	175
Width approx.	mm	50	50	50
7680G	Each	13,50	16,60	22,30

7684G

SCU



To be used alone or lubricated with water or oil. Very fine grit.
SICORIT - In RUBY crystals.

Length approx.	mm	125	150	200
Width approx.	mm	40	50	50
7684G	Each	60,90	73,10	151,00

WATERSTONES

7689G

SCU



Prod. SCU
Half medium grit (120) and half fine grit (280).
To be used only with water. Particularly indicated for sharpening cutting tools.
In Electrocorindon - Fine quality.

Length approx.	mm	100	150	200
Width approx.	mm	50	50	50
Thickness	mm	20	25	25
7689G	Each	7,82	11,10	17,60

7690G

SCU



Half medium grit (150) and half ultra-fine grit (500).
To be used only with water. Particularly indicated for sharpening cutting tools.
In Electrocorindon - Fine quality.

Length approx.	mm	125	150	150	200
Width approx.	mm	50	50	90	50
Thickness	mm	20	25	25	25
7690G	Each	12,60	18,00	25,90	23,50

Size 150 90 running out of stock.

7692G

SCU



Half medium grit (180) and half very fine grit (320).
To be used only with water. Particularly indicated for sharpening cutting tools.
SAL-Stein - Extra quality.

Length approx.	mm	100	150	200
Width approx.	mm	50	50	50
7692G	Each	11,20	19,30	28,60

7694G

SCU



GRIGIO

Half medium grit (120) and half fine grit (240).
To be used only with water. Thickness 25mm.
Particularly indicated for sharpening cutting tools.
In Corundum.

Length approx.	mm	100	150	200
Width approx.	mm	50	50	50
7694G	Each	8,62	9,40	15,30

7695G

SCU



VERDE

Half medium grit (120) and half very fine grit (320).
To be used only with water. Thickness 25mm.
Particularly indicated for sharpening cutting tools.
In Silicon carbide.

Length approx.	mm	100	150	200
Width approx.	mm	50	50	50
7695G	Each	11,10	11,60	16,60


COMBINATED STONES
Orig. Apex

New generation of "MULTIGRIT" abrasive stones which combine different materials and grits for a wider possibility of use. Apt for sharpening, grinding and dressing steels of any type and size. To be used with water or oil. Thickness 22mm.

DUOGRIT combination of 2 grits.

Dark corundum, coarse grit (120) and light corundum, fine grit (320).

Length approx.	mm	150
Width approx.	mm	50
7696GA	Each	18,50

Product running out of stock.

APEX
7696GA


Product description as Art. 7696GA

DUOGRIT combination of 2 grits.

Dark silicon carbide, coarse grit (120) and light silicon carbide, fine grit (220).

Length approx.	mm	150
Width approx.	mm	50
7696GE	Each	18,70

Product running out of stock.

APEX
7696GE

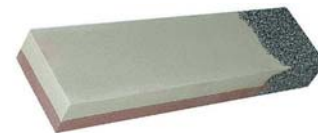

Product description as Art. 7696GA

TRIOGRIT combination of 3 grits.

Dark corundum, coarse grit (120), light corundum, fine grit (320) and tooldresser silicon carbide.

Length approx.	mm	150	200
Width approx.	mm	50	50
7697GA	Each	20,40	27,70

Product running out of stock.

APEX
7697GA


Product description as Art. 7696GA

TRIOGRIT combination of 3 grits.

Light corundum, fine grit (320), light silicon carbide, fine grit (220) and tooldresser silicon carbide.

Length approx.	mm	150	200
Width approx.	mm	50	50
7697GE	Each	20,70	28,20

Product running out of stock.

APEX
7697GE

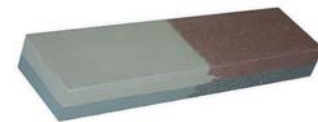

Product description as Art. 7696GA

QUATTROGRIT combination of 4 grits.

Dark corundum, coarse grit (120), light corundum, fine grit (320), light silicon carbide, fine grit (220) and dark silicon carbide, coarse grit (120).

Length approx.	mm	150	200
Width approx.	mm	50	50
7698GA	Each	21,30	29,10

Product running out of stock.

APEX
7698GA

SHARPENING HONES
Prod. SCU

In corundum.

Mixture of fine (320) grit, apt for very fine touch-up jobs. Particularly indicated for sharpening tools for agriculture.

Dimensions approx.	mm	225x32x12
7700	Each	1,26

SCU
7700

ELASTIC ABRASIVE STONES
Prod. SCU

Abrasive stone in Silicium-Carbid mixed with soft and elastic plastic.

Thickness approx. 20mm.

Apt for hand cleaning of irregular metal, plastic, wooden, leather surfaces.

Rectangular shape.

Size		080	80	80A
Length x width	mm	80x50	80x50	80x50
Grain		60	120	240
7710G	Each	11,80	11,80	11,80

SCU
7710G




ELASTIC ABRASIVE WHEELS

7714G

APEX**Orig. Apex**

Abrasive stone in Silicium-Carbid mixed with soft and elastic plastic, 240 grit.

Thickness approx. 20mm.

Apt for hand cleaning of irregular metal, plastic, wooden, leather surfaces.

Ø	mm	125	150	200
Bore Ø	mm	32	32	32
7714G	Each	85,20	104,00	179,00

Product running out of stock.

ABRASIVE PAPER

7758G

SCU**Prod. SCU**

Oxy-aluminium type, on flexible resistant card support.

For manual working of metals, steel, wood, paint and plaster.

Papers size 23x28cm.

Grain		220	180	150	120	100	80	60
7758G	Each	0,32	0,32	0,32	0,32	0,32	0,32	0,34
Grain		40						
7758G	Each	0,36						

7759G

SCU

Oxy-aluminium type, on flexible, very resistant and long life cloth.

For hand working of coatings, stucco, enamels, wood and plastic.

In sheets of 23x28 cm.

Grain		400	320	240	220	180	150	120
7759G	Each	0,40	0,40	0,40	0,40	0,40	0,40	0,40
Grain		100						
7759G	Each	0,40	0,42	0,46	0,54			

7764G

SCU

In silicon carbide, on water proof support made of flexible and resistant latex paper. For wet and dry hand use on metals, emails, ceramics, glass, plastics and marble. Particularly indicated in bodyworks.

Paper size 23x28cm.

Grain		1000	800	600	500	400	360	320
7764G	Each	0,52	0,54	0,52	0,52	0,52	0,52	0,52
Grain		280	240	220	180	150	120	100
7764G	Each	0,52	0,52	0,52	0,52	0,52	0,56	0,58
Grain		80						
7764G	Each	0,62						

ABRASIVE CLOTH IN SHEETS

7768G

SCU**Prod. SCU**

Oxy-aluminium type, on flexible canvas support, very high duration and high resistance.

Hand use on metals, stainless steel, wood, plastic materials.

Papers size 23x28cm.

Grain		400	320	240	220	180	150	120
7768G	Each	0,52	0,52	0,52	0,52	0,52	0,52	0,52
Grain		100						
7768G	Each	0,52	0,54	0,56	0,60			



ABRASIVE PAPER CARTRIDGE ROLLS

Prod. SCU

Oxy-aluminium type, on flexible, very resistant and long life cloth.
For hand and machine working of coatings, stucco, enamels, wood and plastic. Supplied in indivisible 50 m rolls.
Tape width 115mm.

SCU



7770G

Grain		220	180	150	120	100	80	60
7770G	Per meter	0,50	0,50	0,50	0,50	0,50	0,50	0,52
Grain		40						
7770G	Per meter	0,58						



Oxy-aluminium type, on flexible, very resistant and long life cloth.
For hand and machine working of coatings, stucco, enamels, wood and plastic. Supplied in indivisible 50 m rolls.
Tape width 115mm.

SCU



7772G

Grain		400	320	240	220	180	150	120
7772G	Per meter	0,60	0,60	0,60	0,60	0,60	0,60	0,60
Grain		100	80	60	40			
7772G	Per meter	0,60	0,64	0,70	0,86			



ABRASIVE CLOTH CARTRIDGE ROLLS

Prod. SCU

Oxy-aluminium type, on flexible, very resistant and long life cloth.
For hand and machine processing of metal, steel, wood and plastic material working. For turning, forging dies, guns, etc.
Package unit of cartridge rolls of 25 not sold separately.
Tape length 50mm.

SCU



7776GB

Grain		400	320	240	220	180	150	120
7776GB	Per meter	0,64	0,64	0,64	0,64	0,64	0,64	0,64
Grain		100	80	60	40			
7776GB	Per meter	0,64	0,66	0,70	0,78			



Product description as Art. 7776GB
Package unit of cartridge rolls of 25 not sold separately.
Tape length 115mm.

SCU



7776GL

Grain		400	320	240	220	180	150	120
7776GL	Per meter	1,40	1,40	1,40	1,40	1,40	1,40	1,40
Grain		100	80	60	40			
7776GL	Per meter	1,40	1,42	1,52	1,70			



Oxy-aluminium type, on flexible, very resistant and long life cloth.
For hand and machine working of sttel, stainless steel, metal, steel, wood and plastic.
Roll pack indivisible from 50 m for grains from 240 to 40.
Roll pack indivisible from 25 m for grains from 24 to 16.
Tape width 150 mm.

SCU



7776GP

Grain		240	220	180	150	120	100	80
7776GP	Per meter	2,50	2,50	2,50	2,50	2,50	2,50	2,52
Grain		60	40	24	16			
7776GP	Per meter	2,62	2,74	3,22	4,44			



Product description as Art. 7776GP
Package unit of cartridge rolls of 25 not sold separately.
Tape width 200mm.

SCU



7776GR

Grain		240	220	180	150	120	100	80
7776GR	Per meter	3,38	3,38	3,38	3,38	3,38	3,38	3,40
Grain		60	40	24	16			
7776GR	Per meter	3,52	3,66	4,34	5,74			





FLEECE PADS

7778GA SCU

Ingrandimento
del tessuto

Prod SCU

Aluminum oxide type on synthetic fibre cloth support, light, resistant, very flexible and adaptable to any surface shape. Particularly indicated for light smoothing and finishing of metals, synthetic materials, woods, paintings, etc.

Paper size 115x280mm.

Grain	120	180	320	600	1200	
Name	medium	fine	very fine	ultra-fine	micro-fine	
Colour	brown	brown	brown	grey	grey	
7778GA	Each	1,50	1,22	1,22	1,24	1,24

7779G SCU

Ingrandimento
del tessuto

Product description as Art. 7778GA

Paper size 150x230mm.

Grain	120	180	320	600	1200	
Name	medium	fine	very fine	ultra-fine	micro-fine	
Colour	brown	brown	brown	grey	grey	
7779G	Each	1,52	1,24	1,24	1,28	1,28

7780G SCU
newIngrandimento
del tessuto

Aluminum oxide and zircon type with synthetic fiber cloth support, light, resistant, very flexible to adapt to any surface shape. Particularly suitable for light sanding, deburring, finishing of steel, stainless steel, non-ferrous metals, woods, etc.

Paper size 150x200mm.

Grain	120	180	320	
Name	medium	fine	very fine	
Colour	blue	blue	blue	
7780G	Each	1,84	1,52	1,52

FLEECE ROLLS

7781G SCU



Prod. SCU

Aluminum oxide type on synthetic fibre cloth support, light, resistant, very flexible and adaptable to any surface shape. Particularly indicated for light smoothing and finishing of metals, synthetic materials, woods, paintings, etc.

In rolls of 10m not sold separately. Width 115mm.

Grain	120	180	320	600	1200	
Name	medium	fine	very fine	ultra-fine	micro-fine	
Colour	brown	brown	brown	grey	grey	
7781G	Each rotolo	42,50	33,70	33,70	33,70	33,70

7782G SCU
new

Prod SCU

Aluminum oxide and zircon type with synthetic fiber cloth support, light, resistant, very flexible to adapt to any surface shape. Particularly suitable for light sanding, deburring, finishing of steel, stainless steel, non-ferrous metals, woods, etc.

Package unit: 10 m rolls, not sold separately. Width 150 mm.

Grain	120	180	320	
Name	medium	fine	very fine	
Colour	blue	blue	blue	
7782G	Each rotolo	85,10	68,20	68,20

ABRASIVE SPONGES

7785G SCU



Prod. SCU

Flexible type covered on 4 sides by Silicon-Carbid abrasive. For hand use particularly suitable for light deburring and finishing steel, stainless steel, nonferrous metals, glass, paints, enamels, wood and plastic, etc.

Dimensions 100x70x25mm.

Grain	240	220	180	150	120	100	80
7785G	Each	0,86	0,86	0,86	0,86	0,86	0,86
Grain	60	40					
7785G	Each	0,86	0,86				


ABRASIVE DISKS
Prod. SCU

Suitable for metals, woods, plastic materials, stucco, etc.
 Oxy-aluminium type, on medium-weight resinbonded paper support.
 Velcro back for use with sander VELCRO pads. Indicative package 50 pcs.

SCU
**7800G
7800GA**

Without holes, Ø 115mm.
 Max speed 13300 rev/min.

Grain		40	60	80	100	120	180
7800G	Each	0,32	0,30	0,28	0,26	0,26	0,26

Model without holes, Ø 125mm

Maximum speed 12,300 revs / min.

Grain		40	60	80	100	120	180
7800GA	Each	0,32	0,30	0,28	0,26	0,26	0,26



Product description as Art. 7800G

With 8 holes, Ø 125mm.

Max speed 12300 rev/min.

Grain		40	60	80	100	120	180
7801G	Each	0,32	0,30	0,28	0,26	0,26	0,26

SCU
7801G


Product description as Art. 7800G

Without holes, Ø 150mm.

Max speed 10200 rev/min.

Grain		40	60	80
7802G	Each	0,50	0,44	0,42

SCU
7802G


Product description as Art. 7800G

With 7 holes, Ø 150mm.

Max speed 10200 rev/min.

Grain		40	60	80	100
7803G	Each	0,50	0,44	0,42	0,38

SCU
7803G


Product description as Art. 7800G

With 9 holes, Ø 150mm.

Max speed 10200 rev/min.

Grain		40	60	80	100	150
7804G	Each	0,50	0,44	0,42	0,38	0,38

SCU
7804G

VELCRO-BACKED ABRASIVE DISK HOLDER
Prod. SCU

Semi-flexible rubber for dragging and providing support for Velcro grinding discs as for Art. 7800 G and 7802 G.

	mm	115	150
Ø			
Thread bore	M.	14	14
7810G	Each	11,10	17,10

SCU
7810G

FIBRE ABRASIVE DISKS
Prod. SCU

For metals. Electro-corundum type. Flexible.
 To be used with high-speed angle grinders. Suitable to machine curved or irregular surfaces, particularly suitable for car bodyworking. For iron, steel, cast iron. Hole 22mm. Cross-slotted. Maximum speed 80 m/s.

Ø 115mm.

Grain		120	80	60	40	24
7829G	Each	0,62	0,62	0,64	0,68	0,74

SCU
7829G


**7829GA** SCU

Product description as Art. 7829G

Ø 125mm.

Grain		120	80	60	40	24
7829GA	Each	0,68	0,68	0,68	0,74	0,82

7830G SCU

Product description as Art. 7829G

Ø 180mm.

Grain		60	40	24
7830G	Each	1,44	1,54	1,70

7830GE  Sonnenflex
Abrasive Germany**Orig. Sonnenflex**

For metals. Zinc-corundum type. Flexible.

To be used with high-speed angle grinders. Suitable for heavy-duty work even on curved or irregular surfaces. For all types of iron, steel, cast iron and particularly suitable for stainless steel and welding beads. Great abrasive capacity and long-lasting. Hole 22mm. Cross-slotted. Maximum speed 80 m/s.

Ø 115mm.

Grain		120	80	60	40	24
7830GE	Each	0,66	0,70	0,70	0,76	0,94

7830GF  Sonnenflex
Abrasive Germany

Product description as Art. 7830GE

Ø 125mm.

Grain		120	80	60	40	24
7830GF	Each	0,74	0,78	0,80	0,86	1,04

7830GL SCU**Prod. SCU**

Product description as Art. 7830GE

Ø 180mm.

Grain		120	80	60	40	24
7830GL	Each	1,52	1,52	1,68	2,10	2,28

The grain 120 is supplied without the cross cuts.

7831GA  Sonnenflex
Abrasive Germany**Orig. Sonnenflex**

For metals. Provides high power ceramic abrasive removals and a special cooling surface for high-class durability. Flexible.

Can be used with angle grinders at high speed. Recommended for demanding machine-based operations even on curved or irregular surfaces. For all types of iron, steels, cast irons, and is particularly suitable for stainless steels, weld beads and non-ferrous metals. 22 mm hole. Includes cross cuts. Maximum speed of 80 m/s.

Ø 115mm.

Grain		60	40
7831GA	Each	1,68	2,16



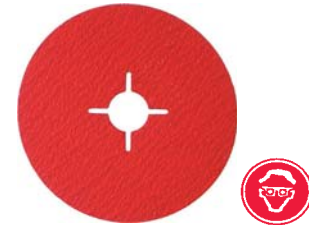
Product description as Art. 7831GA

Ø 125mm.

Grain		60	40
7831GB	Each	1,88	2,40



7831GB



RUBBER BACKING PADS

Orig. Sonnenflex

In flexible rubber for dragging and supporting abrasive discs.

Ø	mm	115	125	180
Thread bore	M.	14	14	14
Supplier code		00460 8	00461 5	00463 9
7834GR	Each	5,32	6,00	8,56



7834GR



Prod. SCU

In rigid rubber for dragging and supporting abrasive discs.

Ø	mm	115	125	180
Thread bore	M.	14	14	14
7834GS	Each	3,00	3,24	5,66



7834GS



ABRASIVE GRINDING WHEELS

Prod. SCU

Connection Ø 3mm, length 38mm. In pink CORUNDUM.

Optimal price/quality ratio. M hardness, with ceramic binder. For universal use.

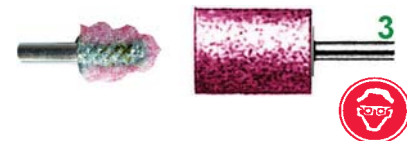
Cylindrical shape.

Head Ø and height	mm	2x6	3x6	4x8	5x10	6x10	8x12	10x10	10x15
Grain		60	60	60	60	60	60	60	60
7840A	Each	0,86	0,74	0,74	0,74	0,74	0,78	0,74	0,78

For converters see Art. 8148 A - G.



7840A



Product description as Art. 7840A

Sphere shape.

Head Ø	mm	4	6	8	10	15
Grain		60	60	60	60	46
7840E	Each	1,10	1,10	1,10	1,10	1,42

For converters see Art. 8148 A - G.



7840E



Product description as Art. 7840A

Flat cylindrical shape.

Head Ø and height	mm	15x3	20x4	20x10
Grain		60	60	60
7840F	Each	1,12	1,16	1,16

For converters see Art. 8148 A - G.



7840F



Connection Ø 3mm, length 38mm. In white CORUNDUM.

M hardness, with ceramic binder. For extra-hard steels, moulds, cast irons and weld beads, etc.

Cylindrical shape.

Head Ø and height	mm	4x8	5x10	6x10	8x12	10x10
Grain		60	60	60	60	60
7841A	Each	0,74	0,74	0,74	0,78	0,74

For converters see Art. 8148 A - G.



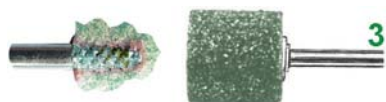
7841A





7842A

SCU



Connection Ø 3mm, length 38mm. In green SILICON CARBIDE.

Optimal price/quality ratio. M hardness, with ceramic binder. For hard metals, high alloy steels, granites, glasses, ceramics, etc.

Cylindrical shape.

Head Ø and height	mm	6x10	8x12	10x10
Grain		60	60	60
7842A	Each	1,00	1,04	1,00

For converters see Art. 8148 A - G.

7845A

SCU



Connection Ø 6mm, length 40mm. In pink CORUNDUM. Optimal price/quality ratio.

M hardness, with ceramic binder. For universal use.

Cylindrical shape.

Head Ø and height	mm	3x6	4x8	5x10	6x10	6x20	8x12	8x20	10x10
Grain		60	60	60	60	60	60	60	60
7845A	Each	0,74	0,74	0,74	0,74	0,96	0,78	0,96	0,74
Head Ø and height	mm	10x15	10x20	10x30	12x15	12x20	15x15	15x20	15x30
Grain		60	60	60	46	46	46	46	46
7845A	Each	0,78	0,96	1,14	0,86	1,00	0,96	1,06	1,34
Head Ø and height	mm	20x20	20x25	20x30	25x25	30x25	30x30	40x20	40x40
Grain		46	46	46	46	46	46	46	46
7845A	Each	1,34	1,42	1,62	1,58	1,80	1,96	2,50	3,72

7845B

SCU



Product description as Art. 7845A

Conical shape.

Head Ø and height	mm	10x20	15x30	20x25	25x30	25x40	30x40
Grain		60	60	46	46	46	46
7845B	Each	1,16	1,60	1,70	2,10	2,74	3,00

7845C

SCU



Product description as Art. 7845A

Cylindrical pointed nose.

Head Ø and height	mm	5x10	12x20	15x20	20x25	20x30
Grain		60	60	46	46	46
7845C	Each	0,88	1,20	1,28	1,70	1,94

7845E

SCU



Product description as Art. 7845A

Sphere shape.

Head Ø	mm	6	8	10	15	20	25	30
Grain		60	60	60	46	46	46	46
7845E	Each	1,10	1,10	1,10	1,42	1,80	2,10	2,52

7845F

SCU



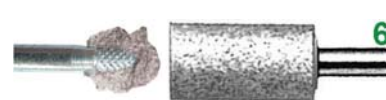
Product description as Art. 7845A

Flat cylindrical shape.

Head Ø and height	mm	20x4	20x10	25x10	30x10	40x10	50x10
Grain		60	60	60	60	46	46
7845F	Each	1,12	1,12	1,24	1,40	2,14	2,62

7846A

SCU



Connection Ø 6mm, length 40mm. In white CORUNDUM. Optimal price/quality ratio.

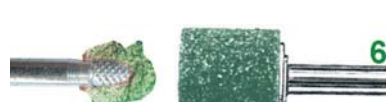
M hardness, with ceramic binder. For extra-hard steels, moulds, cast irons and weld beads, etc.

Cylindrical shape.

Head Ø and height	mm	12x20	15x20	20x20	20x30	30x30
Grain		60	46	46	46	46
7846A	Each	1,00	1,06	1,34	1,62	1,96

7847A

SCU



Connection Ø 6mm, length 40mm. In green SILICON CARBIDE.

Optimal price/quality ratio.

M hardness, with ceramic binder. For hard metals, high alloy steels, granites, glasses, ceramics, etc.

Cylindrical shape.

Head Ø and height	mm	10x10	10x20	12x20	15x20	15x30	20x20	20x30	30x30
Grain		60	60	60	60	60	60	60	60
7847A	Each	1,00	1,30	1,36	1,42	1,80	1,80	2,18	2,64

12



Orig. Erzett

Connection Ø 3mm, length 30mm. In pink EDELKORUND.
EKR quality. N hardness, with ceramic binder. For universal use.

Cylindrical shape.

Head Ø and height	mm	2x5	3x6	4x8	5x10	6x10	8x10
Grain		120	100	80	80	60	60
7851G	Each	2,44	2,18	2,18	2,18	2,18	2,00

For converters see Art. 8148 A - G.



7851G



Product description as Art. 7851G

Sphere shape.

Head Ø	mm	5
Grain		80
7853G	Each	2,72

For converters see Art. 8148 A - G.



7853G



Product description as Art. 7851G

Flat cylindrical shape.

Head Ø and height	mm	13x3
Grain		80
7854G	Each	2,04

For converters see Art. 8148 A - G.



7854G



Connection Ø 6mm, length 40mm. In pink EDELKORUND.
EKR quality. N hardness, with ceramic binder. For universal use.

Cylindrical shape.

Head Ø and height	mm	6x10	8x10	8x16	10x13	10x20	10x32	13x25	16x20
Grain		60	60	60	60	60	60	46	46
7855G	Each	2,36	2,26	2,32	2,26	2,48	3,12	2,86	2,72
Head Ø and height	mm	16x32	20x20	20x25	20x32	20x40	25x32	40x20	
Grain		46	36	36	36	36	36	30	
7855G	Each	3,00	2,82	2,94	3,08	3,68	3,68	3,76	

For sets see Art. 8105 G.



7855G



Product description as Art. 7855G

Conical shape.

Head Ø and height	mm	16x40	20x32	20x40
Grain		46	36	36
7856G	Each	4,44	4,08	4,62

For sets see Art. 8105 G.



7856G



Product description as Art. 7855G

Cylindrical pointed nose.

Head Ø and height	mm	13x20	20x32
Grain		46	36
7859G	Each	4,12	4,62

For sets see Art. 8105 G.



7859G



Product description as Art. 7855G

Sphere shape.

Head Ø	mm	8	16	20
Grain		60	46	36
7860G	Each	3,26	3,44	3,76

For sets see Art. 8105 G.



7860G



Product description as Art. 7855G

Flat cylindrical shape.

Head Ø and height	mm	16x4	20x6
Grain		60	60
7861G	Each	2,44	2,44

For sets see Art. 8105 G.



7861G





7864G

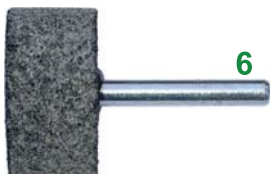


CONNECTION Ø: 6mm, length: 40mm. New model in SILICIUMKARBID, green. Quality: RZ - ALU. Hardness V, ceramic bound, wax-impregnated. Universal use on high-alloyed steels, hardened steels, heat-treated steels, non-ferrous metals, etc. Grade 80.

Cylindric shape

Head Ø and height	mm	10x13	10x20	13x13	13x32	16x16	16x32	20x20
7864G	Each	2,80	3,00	2,86	3,00	2,86	3,18	3,36
Head Ø and height	mm	20x25	20x40	32x32	40x20			
7864G	Each	3,50	3,76	4,54	5,32			

7865A



Prod. SCU

CONNECTION Ø: 6mm, length: 40mm. In CORINDON/SILICON CARBIDE, dark brown. Hardness M, bakelite bound. Use on stainless steel and cast iron.

Cylindric shape

Head Ø and height	mm	10x20	10x30	13x20	13x30	15x15	15x20	15x30	15x40	
Grain		46	46	46	46	46	36	36	36	
7865A	Each	1,06	1,24	1,10	1,38	1,04	1,16	1,48	2,00	
Head Ø and height	mm	20x20	20x30	20x40	25x30	30x30	40x20	50x20		
Grain		36	36	36	36	36	36	24		
7865A	Each	1,48	1,78	2,34	1,92	2,16	2,74	3,38		

7865G



Orig. Erzett

CONNECTION Ø: 6mm, length: 40mm. New model in NORMALKORUND. Quality: AO-INOX. Hardness I, resinoid bound. Use on STAINLESS steel and relative alloys and on high-alloyed

Cylindric shape

Head Ø and height	mm	13x32	16x32	20x40	25x32	32x32	40x20	50x20
7865G	Each	3,40	2,98	3,72	3,72	4,18	3,80	4,80

7866A



Prod. SCU

CONNECTION Ø: 6mm, length: 40mm. In CORINDON/SILICON CARBIDE, dark brown. Hardness M, bakelite bound. Use on stainless steel and cast iron.

Flat cylindric shape

Head Ø and height	mm	40x10	50x10
Grain		36	24
7866A	Each	2,20	2,74

7866G



Orig. Erzett

CONNECTION Ø: 6mm, length: 40mm. New model in NORMALKORUND. Quality: AO-INOX. Hardness I, resinoid bound. Use on STAINLESS steel and relative alloys and on high-alloyed

Flat cylindric shape

Head Ø and height	mm	40x10	50x10
7866G	Each	3,30	3,76

POLISHING POINTS WITH HARD RUBBER SUPPORT

7868A



Prod. SCU

SHANK diameter 3 mm, length 30 mm. For grinding and polishing metal parts. Maximum 30,000 RPM. 80 grit.

Cylindrical shape.

Head Ø and height	mm	4x13	5x15	6x17	8x20	10x20
7868A	Each	1,06	1,06	1,06	1,06	1,06

For converters see Art. 8148 A - G.

7868G



Orig. Erzett

Connection Ø 3mm, length 30mm. For grinding and polishing metal parts. Indicated peripheral speed 45 m/s. Grit 100.

Cylindrical shape.

Head Ø and height	mm	4x8	5x10	6x10	8x10
7868G	Each	4,48	4,48	4,48	4,48

For converters see Art. 8148 A - G.

7869G



Product description as Art. 7868G

Flat cylindrical shape.

Head Ø and height	mm	13x3
7869G	Each	4,48

For converters see Art. 8148 A - G.

12



Prod. SCU

SHANK diameter 6 mm, length 35 mm.
For grinding and polishing metal parts.
80 grit.

Cylindrical shape.

Head Ø and height	mm	10x20	16x25	20x25	30x25
Max speed	rev/min	20000	15000	15000	10000
7870A	Each	2,06	3,58	3,82	5,30



Orig. Erzett

Connection Ø 6mm, length 40mm.
For grinding and polishing metal parts.
Indicated peripheral speed 50 m/s. Grit 100.

Cylindrical shape.

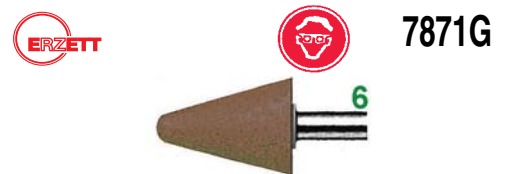
Head Ø and height	mm	8x16	10x20	13x20	16x20	20x32	40x20
7870G	Each	4,62	4,62	4,62	5,82	7,54	13,30



Product description as Art. 7870G

Conical shape.

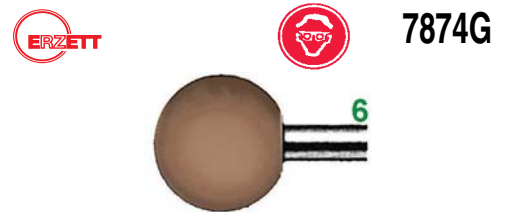
Head Ø and height	mm	20x32
7871G	Each	10,20



Product description as Art. 7870G

Sphere shape.

Head Ø	mm	16
7874G	Each	6,50



POLISHING POINTS WITH SOFT RUBBER SUPPORT

Prod. SCU

SHANK diameter 3 mm, length 30 mm.
For polishing and cleaning metal parts.
Maximum 30,000 RPM.
120 grit.

Cylindrical shape.

Head Ø and height	mm	4x13	5x15	6x17	8x20	10x20
7875E	Each	1,06	1,06	1,06	1,06	1,06



For converters see Art. 8148 A - G.

Orig. Erzett

Connection Ø 3mm, length 30mm.
For grinding and mirror polishing metal.
Indicated peripheral speed max 15 m/s.

Cylindrical shape. Grit 120 - Red colour.

Head Ø and height	mm	4x8	5x10	6x10	8x10	10x10
7875GA	Each	4,36	4,36	4,36	4,36	4,36

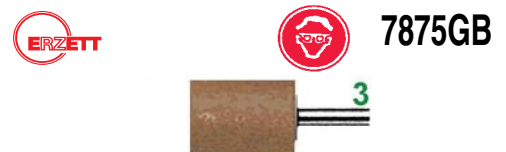


For converters see Art. 8148 A - G.

Product description as Art. 7875GA

Cylindrical shape. Grit 220 - Brown colour.

Head Ø and height	mm	4x8	5x10	6x10	8x10	10x10
7875GB	Each	4,36	4,36	4,36	4,36	4,36



For converters see Art. 8148 A - G.

Product description as Art. 7875GA

Cylindrical shape. Grit 280 - Green colour.

Head Ø and height	mm	4x8	5x10	6x10	8x10	10x10
7875GC	Each	4,36	4,36	4,36	4,36	4,36



For converters see Art. 8148 A - G.



7876A

SCU

**Prod. SCU**

SHANK diameter 6 mm, length 35 mm.
For polishing and cleaning metal parts.
120 grit.

Cylindrical shape.

Head Ø and height	mm	10x20	16x25	20x25	30x25
Max speed	rev/min	20000	15000	15000	10000
7876A	Each	2,06	3,58	3,82	5,30

7876G

ERZETT

**Orig. Erzett**

Connection Ø 6mm, length 40mm.
For grinding and mirror polishing metal.
Indicated peripheral speed max 15 m/s.
Cylindrical shape. Grit 120 - Red colour.

Head Ø and height	mm	8x16	10x20	13x20	16x20	20x32	32x32	40x20
7876G	Each	4,58	4,58	4,62	5,12	6,80	10,40	11,10

7877G

ERZETT



Product description as Art. 7876G

Cylindrical shape. Grit 220 - Brown colour.

Head Ø and height	mm	8x16	10x20	13x20	16x20	20x32
7877G	Each	4,58	4,58	4,62	5,12	6,80

7878G

ERZETT



Product description as Art. 7876G

Cylindrical shape. Grit 280 - Green colour.

Head Ø and height	mm	8x16	10x20	13x20	16x20	20x32
7878G	Each	4,58	4,58	4,62	5,12	6,80

7879GA

SCU

**Prod. SCU**

Shank Ø 6 mm, length 35 mm

To face machining, suitable for the engine turned particularly brilliant of all stainless steels.

Cylindrical shape. Grit 60.

Head Ø and height	mm	50x30	60x30
7879GA	Each	22,90	26,30

FELT POLISHING POINTS

7879GE

ERZETT

**Orig. Erzett**

Connection Ø 3mm, length approx. 40mm.

In wool felt H3 DIN61200.

For cleaning and mirror polishing moulds and shells.

Indicated peripheral speed max 10 m/sec.

Cylindrical shape.

Head Ø and height	mm	6x10	8x10	10x12	12x15
7879GE	Each	4,08	4,08	4,12	4,08

For converters see Art. 8148 A - G.

7879GF

ERZETT



Product description as Art. 7879GE

Cylindrical pointed nose.

Head Ø and height	mm	6x10	10x12
7879GF	Each	4,18	4,18

For converters see Art. 8148 A - G.

7879GL

ERZETT



Product description as Art. 7879GE

Sphere shape.

Head Ø	mm	6	8	10
7879GL	Each	4,08	4,14	4,40

For converters see Art. 8148 A - G.

7880G

ERZETT



Connection Ø 6mm, length approx. 40mm.

In wool felt H3 DIN61200.

For cleaning and mirror polishing moulds and shells.

Indicated peripheral speed max 10 m/sec.

Cylindrical shape.

Head Ø and height	mm	10x15	12x20	16x20	20x25	25x30	30x40
7880G	Each	4,18	4,36	4,48	4,80	7,40	10,10



Product description as Art. 7880G

Conical shape.

Head Ø and height	mm	16x20	20x25	25x30	30x40
7881G	Each	4,36	5,04	7,80	10,10



7881G



Product description as Art. 7880G

Cylindrical pointed nose.

Head Ø and height	mm	12x20	20x25	25x30	30x40
7882G	Each	4,36	5,00	7,48	10,20



7882G



Product description as Art. 7880G

Sphere shape.

Head Ø	mm	20
7883G	Each	7,26



7883G



Prod. SCU

Connection Ø 3mm.

In wool felt.

For cleaning and mirror polishing moulds and shells.

Indicated peripheral speed max 10 m/sec.

Cylindrical shape.

Head Ø and height	mm	6x10	8x10
7883L	Each	1,60	1,60



7883L
new



For converter sockets see Art. 8148 A - G.

Product description as Art. 7883L

Cylindrical pointed nose.

Head Ø and height	mm	8x12
7883M	Each	1,60



7883M
new



For converter sockets see Art. 8148 A - G.

Product description as Art. 7883L

Cylindrical round nose.

Head Ø and height	mm	8x12
7883P	Each	1,60



7883P
new



For converter sockets see Art. 8148 A - G.

Product description as Art. 7883L

Conical shape.

Head Ø and height	mm	15x20
7883Q	Each	2,50



7883Q
new



For converter sockets see Art. 8148 A - G.

Connection Ø 6mm.

In wool felt.

For cleaning and mirror polishing moulds and shells.

Indicated peripheral speed max 10 m/sec.

Cylindrical shape.

Head Ø and height	mm	10x14	15x20	20x25	25x30	40x40
7883S	Each	2,04	2,20	2,82	3,64	8,30



7883S
new



Product description as Art. 7883S

Cylindrical pointed nose.

Head Ø and height	mm	10x18	15x30	20x25
7883T	Each	1,60	2,54	2,82



7883T
new



Product description as Art. 7883S

Cylindrical round nose.

Head Ø and height	mm	15x20	20x25	25x30
7883V	Each	2,50	2,82	3,64



7883V
new





7883Z
new



Product description as Art. 7883S

Conical shape.

Head Ø and height	mm	20x25	25x30
7883Z	Each	2,82	3,64

BORNTRID GRINDING POINTS

7884GA



Prod. SCU

Special type with borntid surface, long duration and high performance.

Particularly indicated for working alloy steel, hardened steel, stainless steel, etc.

Revolving speed up to 20 m/sec.

Medium grit (B 126).

Cylindrical shape.

Size		6	7	8	9	10	11	12
Head Ø and height	mm	1x3	1,5x3	2x5	2,5x5	3x5	4x5	5x6
Drive Ø	mm	3	3	3	3	3	3	3
Overall length	mm	40	40	40	40	40	40	40
7884GA	Each	14,70	14,70	14,70	14,70	14,70	14,70	14,70

Size		13	14	15
Head Ø and height	mm	6x7	8x10	10x10
Drive Ø	mm	3	6	6
Overall length	mm	40	60	60
7884GA	Each	14,70	26,80	35,10

DIAMOND GRINDING POINTS

7884GP



Prod. SCU

Special type with diamond surface, long duration and high performance.

Particularly indicated for working hard metal, hardened steel, glass, ceramics, etc.

Revolving speed up to 20 m/sec.

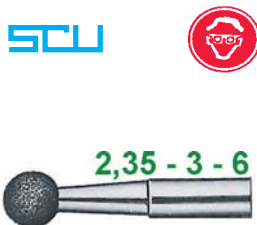
Medium grit (D 126).

Cylindrical shape.

Size		1	2	3	4	5	6	7	8
Head Ø and height	mm	2x5	3x5	4x6	5x6	6x6	1x3	1,5x3	2x5
Drive Ø	mm	2,35	2,35	2,35	2,35	2,35	3	3	3
Overall length	mm	40	40	40	40	40	40	40	40
7884GP	Each	13,10	13,10	13,10	13,10	13,10	13,10	13,10	13,10

Size		9	10	11	12	13	13A	14	15
Head Ø and height	mm	2,5x5	3x5	4x5	5x6	6x7	6x7	8x10	10x10
Drive Ø	mm	3	3	3	3	3	6	6	6
Overall length	mm	40	40	40	40	40	60	60	60
7884GP	Each	13,10	13,10	13,10	13,10	13,10	17,10	24,90	33,10

7884GS



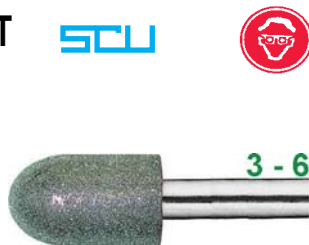
Product description as Art. 7884GP

Sphere shape.

Size		1	2	3	4	5	6	7
Head Ø	mm	2	3	4	5	2	3	4
Drive Ø	mm	2,35	2,35	2,35	2,35	3	3	3
Overall length	mm	40	40	40	40	40	40	40
7884GS	Each	13,10	13,10	13,10	13,10	12,50	12,50	12,50

Size		8	9	10	11	12
Head Ø	mm	5	6	8	10	12
Drive Ø	mm	3	3	6	6	6
Overall length	mm	40	40	60	60	60
7884GS	Each	12,50	12,50	31,90	36,10	50,40

7884GT



Special type with diamond surface, long duration and high performance.

Particularly indicated for working hard metal, hardened steel, glass, ceramics, etc.

Revolving speed up to 20 m/sec. Medium grit (D 126).

Cylindrical round nose.

Size		1	2	3	4	5	6	7
Head Ø and height	mm	3x15	4x10	5x10	6x10	8x10	10x10	6x20
Drive Ø	mm	3	3	3	3	3	3	6
Overall length	mm	40	40	40	40	40	40	60
7884GT	Each	14,70	15,20	15,90	18,70	26,60	34,50	19,60

Size		8	9	10	11	12	13	14
Head Ø and height	mm	8x15	10x15	12x15	14x15	16x15	18x15	20x15
Drive Ø	mm	6	6	6	6	6	6	6
Overall length	mm	60	60	60	60	60	60	60
7884GT	Each	26,60	34,50	39,30	43,50	47,20	49,30	51,30

12



Product description as Art. 7884GT

Cylindrical pointed nose.

Size	1	2	3	4	5	6
Head Ø and height	mm 4x8	5x10	6x10	7x12	8x13	10x15
Drive Ø	mm 3	3	3	3	3	3
Overall length	mm 40	40	40	40	40	40
7884GV	Each	24,90	27,50	29,60	35,60	40,40

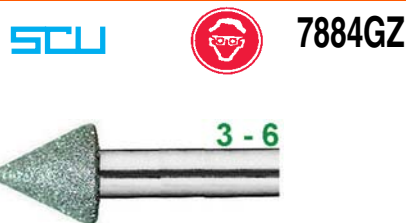


Product description as Art. 7884GT

Conical shape - 60° top angle.

Size	1	2	3	4	5	6
Head Ø and height	mm 3x2,60	4x3,46	5x4,33	6x5,20	8x6,93	10x8,66
Drive Ø	mm 3	3	3	3	6	6
Overall length	mm 42,60	43,46	44,33	45,20	66,93	68,66
7884GZ	Each	13,10	15,10	15,10	15,10	28,10

Size	7	8	9	10	11	12
Head Ø and height	mm 12x10,40	14x12,12	15x12,99	16x13,86	18x15,59	20x17,32
Drive Ø	mm 6	6	6	6	6	6
Overall length	mm 70,40	72,12	72,99	73,86	75,59	77,32
7884GZ	Each	41,10	43,20	48,60	50,60	52,50



HOLDERS AND SELF FIXING, ABRASIVE DISCS

Prod. SCU

Cylinder connection. Rubber body and holder. Apply on the holder the abrasive, flexible, SELF-ADHESIVE disks Art. 7885 E/F. Use these disks to grind, clean and polish, quickly and perfectly.

Holders

Ø	mm	18	30	45	60	75
Drive Ø	mm	6	6	6	6	6
7885A	Each	6,42	6,98	7,56	9,40	10,10

On request, Ø 18 and 30mm are supplied with connection 3mm. Minimum quantity 5 pcs.



Product description as Art. 7885A

Corundum disks for universal use on metal materials.

Ø	mm	18	30	45	60	75	18	30	45
Grain		60	60	60	60	60	80	80	80
Rotation speed	rev/min	30000	30000	25000	15000	12000	30000	30000	25000
7885E	Each	0,38	0,52	0,76	1,12	1,66	0,38	0,52	0,76

Ø	mm	60	75	18	30	45	60	75	18
Grain		80	80	120	120	120	120	120	150
Rotation speed	rev/min	15000	12000	30000	30000	25000	15000	12000	30000
7885E	Each	1,12	1,66	0,38	0,52	0,76	1,12	1,66	0,38

Ø	mm	30	45	18	30	45	18	30	45
Grain		150	150	180	180	180	240	240	240
Rotation speed	rev/min	30000	25000	30000	30000	25000	30000	30000	25000
7885E	Each	0,52	0,76	0,38	0,52	0,76	0,38	0,52	0,76



Product description as Art. 7885A

Zirconium disks for resistant and stainless steels.

Ø	mm	18	30	45	60	75	18	30	45
Grain		60	60	60	60	60	80	80	80
Rotation speed	rev/min	30000	30000	25000	15000	12000	30000	30000	25000
7885F	Each	0,46	0,62	0,90	1,34	2,02	0,46	0,62	0,90

Ø	mm	60	75	18	30	45	60	75
Grain		80	80	120	120	120	120	120
Rotation speed	rev/min	15000	12000	30000	30000	25000	15000	12000
7885F	Each	1,34	2,02	0,46	0,62	0,90	1,34	2,02



Orig. Erzett

Quick clamping system with metal holders and flanged discs for easy replacement, high tightness and max. centering of the abrasive disc. Apply on the holder the abrasive, flexible discs Art. 7886 GE/L.

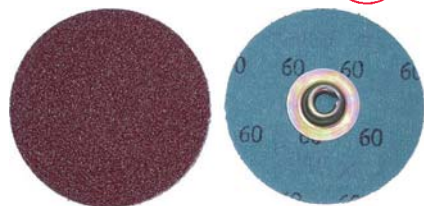
Medium hardness rubber holders

For discs Ø	mm	38	50
Support Ø	mm	31	45
Drive Ø	mm	6	6
7886GA	Each	21,60	22,50





7886GE

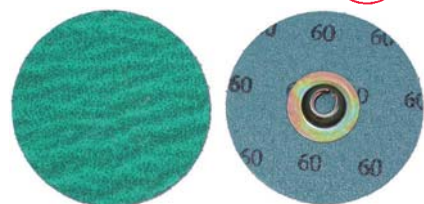


Product description as Art. 7886GA

Discs in special corundum, long lasting. Universal use on metallic materials.

Ø	mm	38	50	38	50	38	50
Grain		60	60	80	80	120	120
Rotation speed	rev/min	30000	30000	30000	30000	30000	30000
7886GE	Each	0,90	1,32	0,90	1,26	0,90	1,26

7886GL



Product description as Art. 7886GA

Discs in zinc-corundum with special abrasive surface. Very high performance use on STAINLESS steels and relative alloys.

Ø	mm	38	50	38	50	38	50
Grain		60	60	80	80	120	120
Rotation speed	rev/min	30000	30000	30000	30000	30000	30000
7886GL	Each	1,00	1,36	1,00	1,36	1,00	1,36

7887A



Prod. SCU

Quick clamping system with holders and flanged discs for easy replacement. High work efficiency, cost effective. Apply on the holder the abrasive, flexible discs Art. 7887 E to 7887 V.

Medium hardness rubber holders.

Speed 30000/28000 rev/min.

For discs Ø	mm	50	75
Drive Ø	mm	6	6
7887A	Each	9,12	10,50

7887B



Product description as Art. 7887A

Medium hardness rubber holders.

Speed 30000/28000 rev/min.

For discs Ø	mm	50	75
Threaded drive	M	14	14
7887B	Each	12,30	13,50

7887E

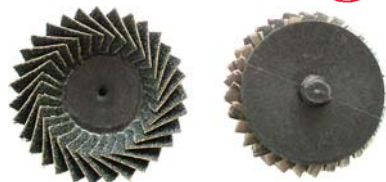


Product description as Art. 7887A

Lamellar discs in corundum. Universal use on ferrous metals and steels.

Ø	mm	50	75	50	75	50	75
Grain		60	60	80	80	120	120
Rotation speed	rev/min	25000	20000	25000	20000	25000	20000
7887E	Each	3,22	4,68	3,22	4,68	3,22	4,68

7887EB *new*



Product description as Art. 7887A

Lamellar discs with vertical oblique zirconium lamellae; very flexible, to surround surfaces of ferrous metals and steels.

Ø	mm	50	75	50	75	50	75
Grain		60	60	80	80	120	120
Rotation speed	rev/min	25000	20000	25000	20000	25000	20000
7887EB	Each	3,90	5,44	3,90	5,44	3,90	5,44

7887G



Product description as Art. 7887A

Abrasive discs in high-padding, spunbonded fabric. Indicated for deoxidising, cleaning rusts, deburring, paint removing from metals, woods, plasters, cement, etc.

Ø	mm	50	75
Rotation speed	rev/min	12000	8000
7887G	Each	4,08	5,32



Product description as Art. 7887A

Abrasive discs in corundum. Universal use on metal materials.

Ø	mm	50	75	50	75	50	75	50
Grain		36	36	60	60	80	80	120
Rotation speed	rev/min	25000	20000	25000	20000	25000	20000	25000
7887L	Each	0,60	0,84	0,48	0,74	0,48	0,74	0,48
Ø	mm	75						
Grain		120						
Rotation speed	rev/min	20000						
7887L	Each	0,74						

SCU



7887L



Product description as Art. 7887A

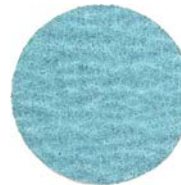
Abrasive discs in zirconium, aggressive and sturdy surfaces on soft steels, stainless steel and steel alloys.

Ø	mm	50	75	50	75	50	75	50
Grain		36	36	60	60	80	80	120
Rotation speed	rev/min	25000	20000	25000	20000	25000	20000	25000
7887M	Each	0,74	1,18	0,66	1,08	0,66	1,08	0,66
Ø	mm	75						
Grain		120						
Rotation speed	rev/min	20000						
7887M	Each	1,08						

SCU



7887M



Product description as Art. 7887A

Discs in ceramic abrasive, high removal capacity and special cooling surface for a longer lifetime in high resistance and strength metal working.

Ø	mm	50	75	50	75	50	75
Grain		36	36	60	60	80	80
Rotation speed	rev/min	25000	20000	25000	20000	25000	20000
7887P	Each	1,12	1,80	0,94	1,62	0,94	1,62

SCU



7887P



Product description as Art. 7887A

Discs in synthetic fibre material and abrasive surface for deoxidising, surface gap filling and making surfaces ready for polishing steels, stainless steel, Cromo-Nickel, light alloys, soft metals, woods, etc.

Type		1	2	3	4	5	6
Ø	mm	50	75	50	75	50	75
Grain		coarse	coarse	medium	medium	very fine	very fine
Rotation speed	rev/min	12000	8000	12000	8000	12000	8000
7887R	Each	1,22	1,98	1,22	1,98	1,22	1,98

SCU



7887R



Product description as Art. 7887A

Discs in fibre material for finishing and polishing metals and painted surfaces.

Type		1	2	3	4	5	6
Ø	mm	50	75	50	75	50	75
Grain		coarse	coarse	medium	medium	very fine	very fine
Rotation speed	rev/min	12000	8000	12000	8000	12000	8000
7887S	Each	1,50	2,56	1,50	2,56	1,50	2,56

SCU



7887S



Product description as Art. 7887A

Discs in wool felt for grinding and mirror polishing metals, copper, brass, aluminium, steels, stainless steel, etc.

To be used in combination with grinding pastes (Art. 1834 - 1834 A - 1834 B).

Ø	mm	50	75
Rotation speed	rev/min	12000	8000
7887V	Each	2,08	2,94

SCU



7887V





ABRASIVE BELTS

7889G
7890G
7891G
7892G

**Orig. Erzett**

In Corundum. Optimal speed range 25 - 40 m/sec. Particularly indicated to roughing, cleaning, polishing wood, steel and cast iron surfaces.

Can be used on rubber holders Art. 7896 G.

Package units of 50pcs. (25 pcs. size 100x40mm).

Grit 40.

Ring height and Ø	mm	15x30	25x25	30x30	45x30
7889G	Each	0,94	0,94	1,04	1,36

Product description as Art. 7889G

Grit 60.

Ring height and Ø	mm	15x30	22x20	25x25	30x30	45x30	60x30
7890G	Each	0,94	0,64	0,94	1,04	1,36	1,58

Product description as Art. 7889G

Grit 80.

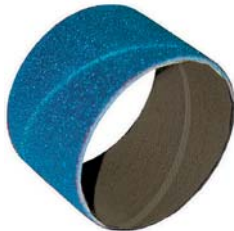
Ring height and Ø	mm	10x20	12x25	15x30	22x20	25x25	30x30	45x30
7891G	Each	0,94	0,90	0,94	0,64	0,94	1,04	1,36

Product description as Art. 7889G

Grit 150.

Ring height and Ø	mm	10x20	15x30	22x20	30x30
7892G	Each	0,94	0,94	0,64	1,04

7893GA
7893GE
7893GF



In Zinc-corundum, optimum speed from 25 to 40 m/sec. Particularly designed to machine stainless steel and its alloys, for increased removal and duration. For use on rubber supports Art. 7896 G.

Pack of 50 pcs.

Grit 36.

Ring height and Ø	mm	30x30	45x30
7893GA	Each	1,30	1,62

Product description as Art. 7893GA

Grit 60.

Ring height and Ø	mm	30x30	45x30	60x30
7893GE	Each	1,30	1,62	1,90

Product description as Art. 7893GA

Grit 80.

Ring height and Ø	mm	30x30	45x30	60x30
7893GF	Each	1,30	1,62	1,90

7893GL
7893GM



Ceramic material. Especially developed for STAINLESS STEEL machines, alloys and nickel alloys, to provide greater cutting and durability. Can be used on rubber mounts. 7,896 g.

Pack of pcs. 50 (size 60 x 30 mm 25 pcs.).

Grit 40.

Ring height and Ø	mm	30x30	45x30	60x30
7893GL	Each	1,58	2,04	2,50

Product description as Art. 7893GL

Grit 60.

Ring height and Ø	mm	30x30	45x30	60x30
7893GM	Each	1,58	2,04	2,50



Prod. SCU

In Corundum. Optimal price/quality ratio. Speed range 25 - 40 m/sec. Particularly indicated to roughing, cleaning, polishing wood, steel and cast iron surfaces.
Can be used on rubber holders Art. 7896 T.
Package units of 100pcs.

Grit 40.

Ring height and Ø	mm	15x30	20x30	22x20	25x25	30x30	45x30	60x30
7894A	Each	0,34	0,42	0,34	0,46	0,52	0,68	0,76
Ring height and Ø	mm	75x30						
7894A	Each	0,98						

Product description as Art. 7894A

Grit 60.

Ring height and Ø	mm	10x10	10x20	13x25	15x30	20x30	22x20	25x25
7894B	Each	0,22	0,26	0,34	0,34	0,42	0,30	0,42
Ring height and Ø	mm	30x30	45x30	60x30	75x30			
7894B	Each	0,50	0,64	0,72	0,90			

Product description as Art. 7894A

Grit 80.

Ring height and Ø	mm	10x10	10x20	13x25	15x30	20x30	22x20	25x25
7894E	Each	0,22	0,26	0,34	0,34	0,42	0,30	0,42
Ring height and Ø	mm	30x30	45x30	60x30	75x30			
7894E	Each	0,50	0,64	0,72	0,90			

Product description as Art. 7894A

Grit 120.

Ring height and Ø	mm	10x10	10x20	13x25	15x30	20x30	22x20	25x25
7894F	Each	0,22	0,26	0,34	0,34	0,42	0,30	0,42
Ring height and Ø	mm	30x30	45x30	60x30	75x30			
7894F	Each	0,50	0,64	0,72	0,90			



7894A
7894B
7894E
7894F



In Zircocorundum, reinforced. Optimal price/quality ratio. Speed range 25 - 40 m/sec. Particularly indicated for roughing, cleaning, polishing surfaces of forged steel, high chipable metals, stainless steel, plastic, titanium and titanium alloys.
Can be used on rubber holders Art. 7896 T.
Package unit of 100pcs.

Grit 40.

Ring height and Ø	mm	15x30	20x30	22x20	25x25	30x30	45x30	60x30
7894L	Each	0,42	0,46	0,38	0,50	0,56	0,72	0,82
Ring height and Ø	mm	75x30						
7894L	Each	1,06						

Product description as Art. 7894L

Grit 60.

Ring height and Ø	mm	10x20	13x25	15x30	20x30	22x20	25x25	30x30
7894P	Each	0,30	0,38	0,38	0,46	0,34	0,46	0,50
Ring height and Ø	mm	45x30	60x30	75x30				
7894P	Each	0,68	0,76	0,98				

Product description as Art. 7894L

Grit 80.

Ring height and Ø	mm	10x20	13x25	15x30	20x30	22x20	25x25	30x30
7894R	Each	0,30	0,38	0,38	0,46	0,34	0,46	0,50
Ring height and Ø	mm	45x30	60x30	75x30				
7894R	Each	0,68	0,76	0,98				

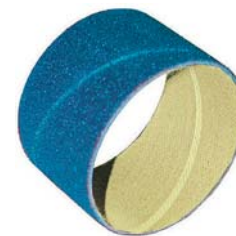
Product description as Art. 7894L

Grit 120.

Ring height and Ø	mm	10x20	13x25	15x30	20x30	22x20	25x25	30x30
7894S	Each	0,30	0,38	0,38	0,46	0,34	0,46	0,50
Ring height and Ø	mm	45x30	60x30	75x30				
7894S	Each	0,68	0,76	0,98				



7894L
7894P
7894R
7894S



BELT CARRIERS

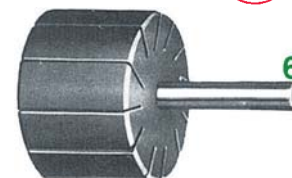
Orig. Erzett

Belt carrier with self-expanding locking system operated by centrifugal force.
For Art. 7889G - 7890G - 7891G - 7892G - 7893GA - 7893GE - 7893GF.
Shank Ø mm 6.

Support height and Ø	mm	10x20	12x25	15x30	22x20	25x25	30x30	45x30
7896G	Each	16,60	16,60	16,60	13,80	18,40	16,20	18,70
Support height and Ø	mm	60x30						
7896G	Each	23,70						



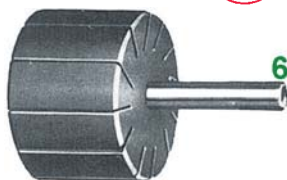
7896G





7896T

SCU



Prod. SCU

Belt carrier with self-expanding locking system operated by centrifugal force.
For Art. 7894 A-B-E-F-L-P-R-S. Connection Ø 6mm (only size 75x30mm, connection 8mm).

Support height and Ø	mm	10x10	10x20	13x25	15x30	20x30	22x20	25x25
7896T	Each	6,62	7,76	8,16	9,40	11,40	9,90	11,40
Support height and Ø	mm	30x30	45x30	60x30	75x30			
7896T	Each	12,10	13,50	15,80	18,40			

ABRASIVE BELTS CONICAL SHAPE

**7897
7898
7899
7900**

SCU



Prod. SCU

In Zirco-corundum. Optimal price/quality ratio. Speed range 25 - 40 m/sec. Particularly indicated for roughing, cleaning, polishing surfaces of wood, steel, cast iron, and stainless steel.
Usable on rubber holders Art. 7902.

Package unit: 100pcs.

Grit 40.

Height	mm	30	60
Upper and lower Ø	mm	22/29	22/36
7897	Each	1,36	1,62

Product description as Art. 7897

Grit 60.

Height	mm	30	60
Upper and lower Ø	mm	22/29	22/36
7898	Each	1,32	1,50

Product description as Art. 7897

Grit 80.

Height	mm	30	60
Upper and lower Ø	mm	22/29	22/36
7899	Each	1,32	1,50

Product description as Art. 7897

Grit 120.

Height	mm	30	60
Upper and lower Ø	mm	22/29	22/36
7900	Each	1,32	1,50

ABRASIVE BELTS CONICAL SHAPE

7902

SCU



Prod. SCU

Belt carrier with self-expanding locking system operated by centrifugal force.
Connection Ø 6mm.

For Art. 7897 - 7898 - 7899 - 7900.

Height	mm	30	60
7902	Each	10,40	14,30

GRINDING CAPS

**7904G
7905G
7906G**

ERZETT



Orig. Erzett

In Corundum. Optimal speed range 25 - 40 m/sec. Particularly indicated for roughing, cleaning, polishing surfaces of wood, steel and cast iron.
Can be used on rubber holders Art. 7913 G.

Package unit of 100pcs.

Grit 80.

Ø	mm	5	7	10	13
Height	mm	10	12	15	17
7904G	Each	1,00	1,04	1,08	1,30

Product description as Art. 7904G

Grit 150

Ø	mm	5	7	10	13
Height	mm	10	12	15	17
7905G	Each	1,00	1,04	1,08	1,26

Product description as Art. 7904G

Grit 320.

Ø	mm	5	7	10	13
Height	mm	10	12	15	17
7906G	Each	1,00	1,04	1,08	1,26

12



In NKS Corundum special. Optimum speed from 25 to 40 m/sec. Particularly suitable for grinding, cleaning, polishing of stainless steel, high strength steels, tool steels.

Can be used on rubber mounts Art. 7913 G.

Pack of pcs. 100.

Grit 60.

Ø	mm	7	10
Height	mm	12	15
7907G	Each	1,30	1,32

Product description as Art. 7907G

Grit 80.

Ø	mm	5	7	10
Height	mm	10	12	15
7908G	Each	1,00	1,30	1,32

Product description as Art. 7907G

Grit 150.

Ø	mm	5	7	10
Height	mm	10	12	15
7909G	Each	1,22	1,30	1,32



7907G
7908G
7909G



In Corundum. Optimal speed range 25 - 40 m/sec. Particularly indicated for roughing, cleaning, polishing surfaces of wood, steel and cast iron.

Can be used on rubber holders Art. 7915 G.

Package unit of 100pcs.

Grit 80.

Ø	mm	5	7	10	13	16
Height	mm	11	13	15	19	26
7910G	Each	1,00	1,04	1,08	1,30	1,46

Product description as Art. 7910G

Grit 150.

Ø	mm	5	7	10	13
Height	mm	11	13	15	19
7911G	Each	1,00	1,04	1,08	1,30

Product description as Art. 7910G

Grit 320.

Ø	mm	5	7
Height	mm	11	13
7912G	Each	1,00	1,04



7910G
7911G
7912G



In special NKS corundum. Maximum speed ranges from 25 to 40 m/sec. Particularly suitable for grinding, cleaning, polishing stainless steel, high strength steels, tool based steels.

Can be used on rubber mounts Art. 7915 G.

Pack of pcs. 100.

Grit 60.

Ø	mm	7	10	13
Height	mm	13	15	19
7912GE	Each	1,30	1,32	1,54

Product description as Art. 7912GE

Grit 80.

Ø	mm	5	7	10	13
Height	mm	11	13	15	19
7912GF	Each	1,22	1,30	1,32	1,54

Product description as Art. 7912GE

Grit 150.

Ø	mm	5	7	10	13
Height	mm	11	13	15	19
7912GL	Each	1,22	1,30	1,32	1,54



7912GE
7912GF
7912GL



RUBBER HOLDERS

Orig. Erzett

Rubber supports with self-expanding locking system operate by centrifugal force.

For Art. 7904 G - 7905 G - 7906 G - 7907 G - 7908 G - 7909 G.

COUPLING Ø 3mm.

Ø	mm	5	7	10	13
Height	mm	10	12	15	17
Use	rev/min	57000	42000	30000	23000
7913G	Each	7,94	8,34	8,58	8,58

For converters see Art. 8148 A - G.



7913G





7915G



Rubber supports with self-expanding locking system operate by centrifugal force.
For Art. 7910 G - 7911 G - 7912 G - 7913 G - 7914 G - 7915 G.

COUPLING Ø 3mm.

Ø	mm	5	7	10	13	16
Height	mm	11	13	15	19	26
Use	rev/min	57000	42000	30000	23000	18000
7915G	Each	7,94	8,34	8,34	8,80	8,80

For converters see Art. 8148 A - G.

GRINDING CAPS

7917G
7918G**Orig. Erzett**

In Corundum. Optimal speed range 25 - 40 m/sec. Particularly indicated for roughing, cleaning, polishing surfaces of wood, steel and cast iron.

Can be used on rubber holders Art. 7921 G.

Package unit Caps for Ø 5 and 11 = pcs. 100.

Package unit Caps for Ø 16 and 21 = pcs. 25.

Caps, grit 80.

Ø	mm	5	11	16	21
Height	mm	15	25	32	40
7917G	Each	1,30	1,46	1,64	1,80

Product description as Art. 7917G

Caps, grit 150.

Ø	mm	5	11
Height	mm	15	25
7918G	Each	1,30	1,46

RUBBER HOLDERS

7921G

**Orig. Erzett**

Rubber holders.

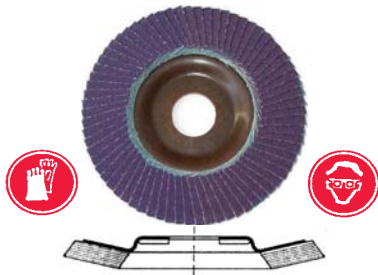
For Art. 7917 G - 7918 G.

Connection Ø 6mm.

Ø	mm	5	11	16	21
Use	rev/min	57000	27000	18000	14000
7921G	Each	11,20	11,20	12,30	16,80

GRINDING WHEELS, "NAWAROFLEX" BACKING-PAD

7922GE

**Orig. Erzett**

Special NAWAROFLEX® patented backing-pad in ecological material.

Big elasticity, no danger of ruining the piece which is being worked and reduced noise.

Convex profile, with flaps in zirco corundum.

Indicated for polishing, deoxidising, deburring also hard steels and for eliminating weld beads.

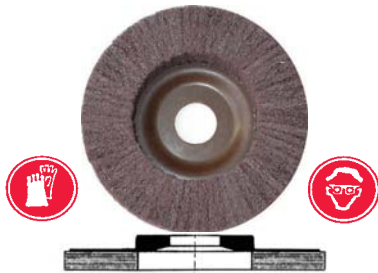
Speed 80 m/s. Hole 22.2mm.

Approved according to the German standard DSA 2720/2841.

Ø 115mm.

Grain		40	60	80
7922GE	Each	6,76	6,76	6,76

7922GH



Special NAWAROFLEX® patented backing-pad in ecological material.

Big elasticity, no danger of ruining the piece which is being worked and reduced noise.

Flat profile, in synthetic fibre material and abrasive surface.

In corundum, for eliminating light oxidation and glazing metal surfaces.

Speed 30 m/s. Hole 22.2mm.

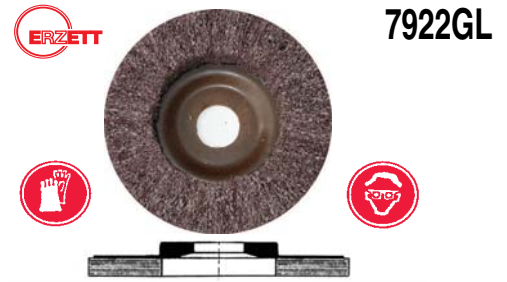
Ø 115mm - Extra fine grit (A107).

7922GH	Each	12,40
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Product description as Art. 7922GH
 Ø 115mm - Fine grit (A106).

7922GL	Each	11,70
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LAMELLAR FLAP DISCS, GLASS FIBRE BACKING-PAD

Prod. SCU

Flat profile type.

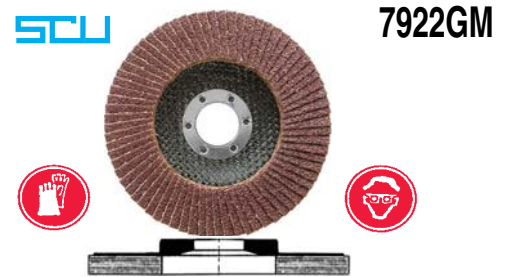
Corundum strip, interim fibreglass support. Suitable for cleaning, de-rusting, deburring metals, steel, stainless steel, nonferrous metals and wood.

Speed 13300 rev/min.

Hole mm. 22.

Ø mm 115.

Grain		40	60	80	120
7922GM	Each	1,58	1,58	1,58	1,58



Convex profile model.

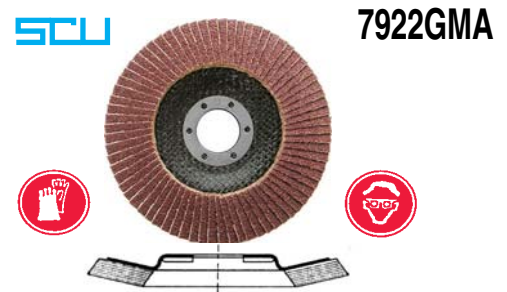
Corundum strip, interim fibreglass support. Suitable for cleaning, de-rusting, deburring metals, steel, stainless steel, nonferrous metals and wood.

Speed 13300 rev/min.

Hole mm. 22.

Ø mm 115.

Grain		40	60	80	120
7922GMA	Each	1,58	1,58	1,58	1,58



Flat profile type.

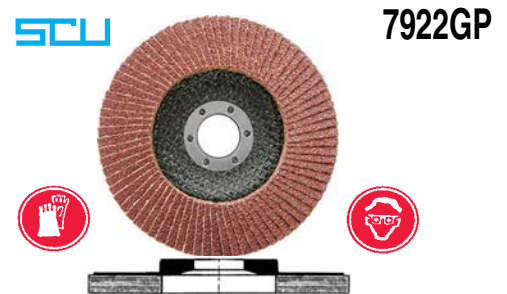
Corundum strip, interim fibreglass support. Suitable for cleaning, de-rusting, deburring metals, steel, stainless steel, nonferrous metals and wood.

Speed 12200 rev/min.

Hole mm. 22.

Ø mm 125.

Grain		40	60	80	120
7922GP	Each	1,78	1,78	1,78	1,78



Convex profile model.

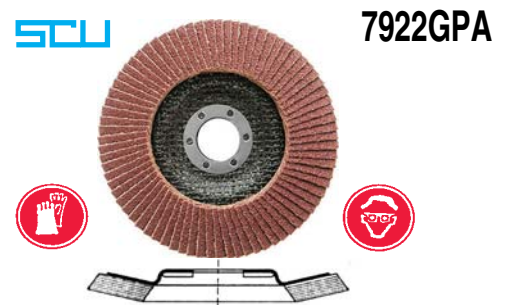
Corundum strip, interim fibreglass support. Suitable for cleaning, de-rusting, deburring metals, steel, stainless steel, nonferrous metals and wood.

Speed 12200 rev/min.

Hole mm. 22.

Ø mm 125.

Grain		40	60	80	120
7922GPA	Each	1,78	1,78	1,78	1,78



Flat profile type.

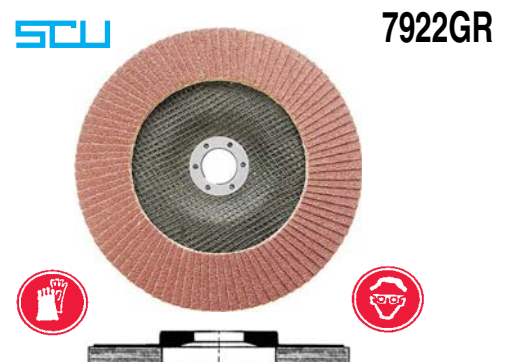
Corundum strip, interim fibreglass support. Suitable for cleaning, de-rusting, deburring metals, steel, stainless steel, nonferrous metals and wood.

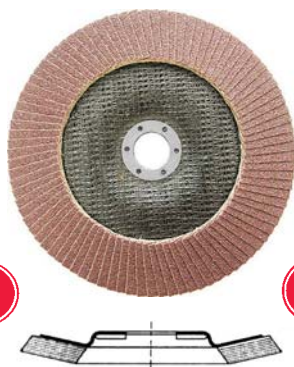
Speed 8500 rev/min.

Hole mm. 22.

Ø mm 180.

Grain		40	60	80
7922GR	Each	4,34	4,34	4,34



**7922GRA** SCU

Convex profile model.

Corundum strip, interim fibreglass support. Suitable for cleaning, de-rusting, deburring metals, steel, stainless steel, nonferrous metals and wood.

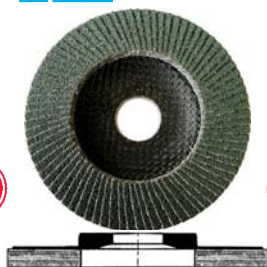
Speed 8500 rev/min.

Hole mm. 22.

Ø mm 180.

Grain

	40	60	80
7922GRA Each	4,34	4,34	4,34

7922GT SCU

Flat model profile.

Zirconium strip, interim fibreglass support. Suitable for cleaning, de-rusting, deburring metals, steels, stainless steels, weld beads and body work.

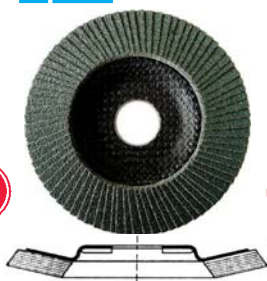
Speed 13300 rev/min.

Hole mm. 22.

Ø 115 mm.

Grain

	40	60	80	120
7922GT Each	2,90	2,90	2,90	2,90

7922GV SCU

Convex profile model.

Zirconium strip, interim fibreglass support. Suitable for cleaning, de-rusting, deburring metals, steels, stainless steels, weld beads and body work.

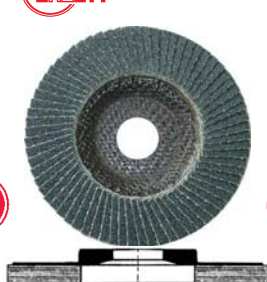
Speed 13300 rev/min.

Hole mm. 22.

Ø 115 mm.

Grain

	40	60	80	120
7922GV Each	2,90	2,90	2,90	2,90

7923GA ERZETT**Orig. Erzett**

Flat profile type.

Zirco-corundum flaps, wired fibreglass backing-pad. Indicated for polishing, deoxidising, metal deburring, eliminating weld beads and body works.

Speed 80 m/sec.

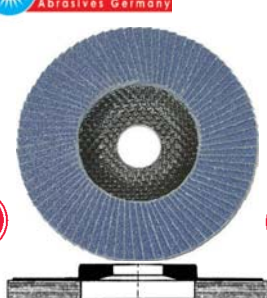
Hole 22.2mm.

Approved according to the German standard DSA 2962/3014.

Ø 115 mm.

Grain

	40	60	80	120
7923GA Each	3,62	3,62	3,62	3,62

7923GB Sonnenflex**Orig. Sonnenflex**

Product description as Art. 7923GA

Speed 80 m/sec.

Hole 22.2mm.

Ø 125mm.

Grain

	40	60	80	120
7923GB Each	4,38	4,38	4,38	4,38



Prod. SCU

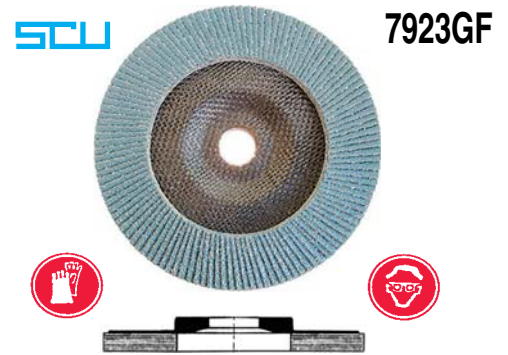
Flat profile model.
Zirconium strip, interim fibreglass support. Suitable for cleaning, rust removal, deburring metals, steels, stainless steels, eliminating weld seams and for work on car frames.

Speed 8500 rev/min.

Hole mm. 22.

Ø 180 mm.

Grain		40	60	80
7923GF	Each	6,46	6,46	6,46



Convex profile model.

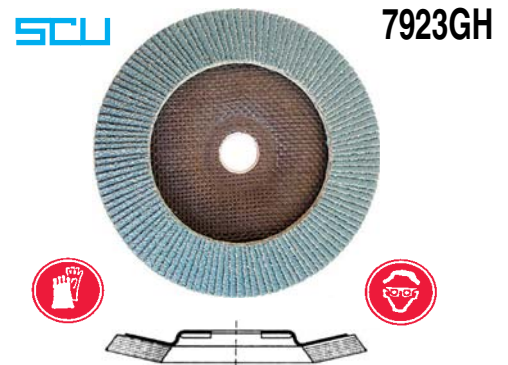
Zirconium strip, interim fibreglass support. Suitable for cleaning, rust removal, deburring metals, steels, stainless steels, eliminating weld seams and for work on car frames.

Speed 8500 rev/min.

Hole mm. 22.

Ø 180 mm.

Grain		40	60	80
7923GH	Each	6,46	6,46	6,46



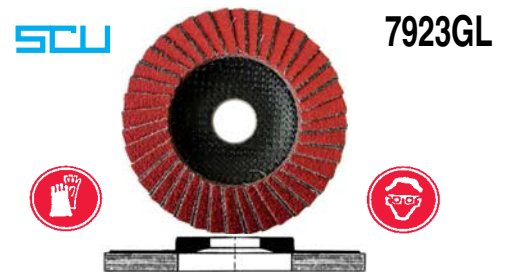
Flat model Zirconium flaps with high abrasive power, interim fibreglass support material. Provides accurate proportion between cutting speed and duration. Suitable for cleaning, de-rusting, dribbling hard machining metals, and stainless steel.

Speed 13300 rev/min.

Hole mm. 22,2.

Ø 115 mm.

Grain		40	60	80
7923GL	Each	4,10	4,10	4,10



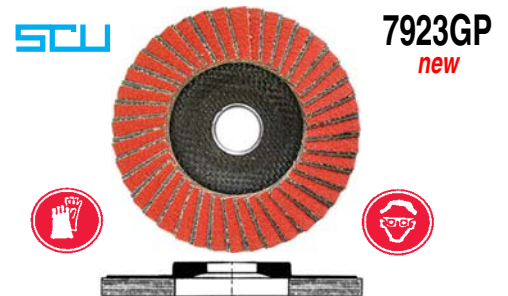
Product description as Art. 7923GL

Speed 12200 rev/min.

Hole mm. 22,2.

Ø mm 125.

Grain		40	60	80
7923GP	Each	4,64	4,64	4,64



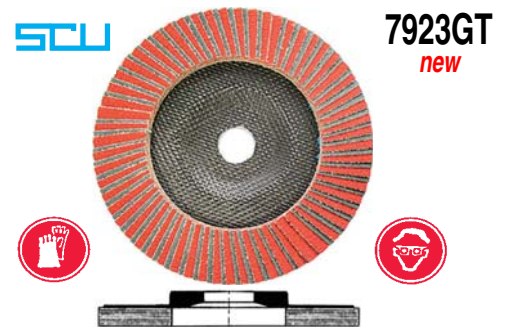
Product description as Art. 7923GL

Speed 8500 rev/min.

Hole mm. 22,2.

Ø mm 180.

Grain		40	60	80
7923GT	Each	9,48	9,48	9,48



Flat profile type.

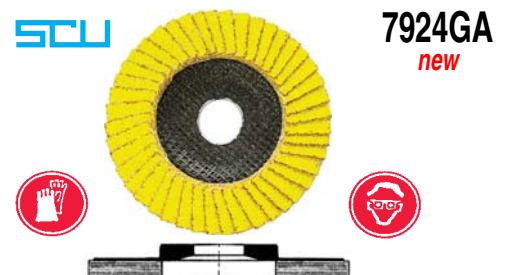
New generation fabric flaps with CERAMIC GRAIN and very high abrasive power. Support in glass fiber mesh. It allows an unsurpassed ratio between cutting speed, duration, integral disc consumption and removal capacity. Suitable for cleaning, deoxidising, deburring ferrous and non ferrous metals that are difficult to process such as INOX, ALUMINUM, PLASTIC, WOOD etc.

Speed 13300 rev/min.

Hole mm. 22,2.

Ø mm 115.

Grain		40	60	80
7924GA	Each	4,12	4,12	4,12





7924GB SCU
new



Product description as Art. 7924GA

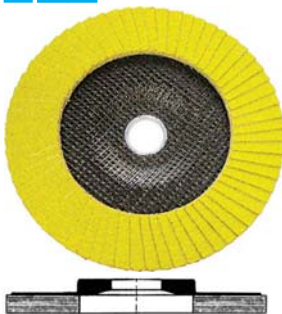
Speed 12200 rev/min.

Hole mm. 22,2.

Ø mm 125.

Grain		40	60	80
7924GB	Each	5,02	5,02	5,02

7924GF SCU
new



Product description as Art. 7924GA

Speed 8500 rev/min.

Hole mm. 22,2.

Ø mm 180.

Grain		40	60	80
7924GF	Each	8,80	8,80	8,80

7924GL **Sonnenflex**
Abrasive Germany



Orig. Sonnenflex

Flat profile model.

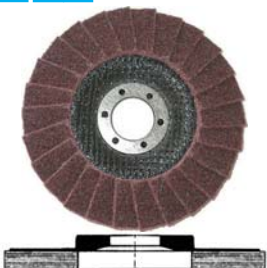
In lamellas corundum, and interim glass fibre supporting material. Is particularly thick, rounded on the board, and is particularly suitable for cleaning, de-rusting, drooling welds between angled surfaces, and use on stainless steel, cast iron, etc.

Hole 22.2mm. Grain 40

Pack of approximately 10 pcs.

Ø	mm	115	125
Speed	rev/min	13300	12200
7924GL	Each	13,30	13,60

7924GP SCU



Prod. SCU

Flat profile type.

Flaps made from synthetic fibre material and abrasive surface. Wired glass fibre backing-pad. Indicated for deoxidising, polishing and finishing metals, Chrome-Nickel alloys, light alloys, soft metals, woods, etc.

Speed 3,300 rev/min.

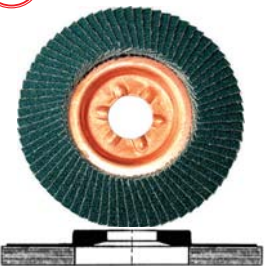
Hole 22.2mm.

Package unit approx. 10pcs.

Size		1	2	4
Grain		coarse	medium	very fine
7924GP	Each	10,30	10,30	10,30

LAMELLAR FLAP DISCS, METAL BACKING-PAD

7925G **ERZETT**



Orig. Erzett

Flat profile.

Flaps in zirco corundum glued onto a metal backing-pad.

Indicated for polishing, deoxidising, metal deburring, body works.

Speed 80 m/s. Hole 22.2mm. Approved according to the German standard DSA 2604.

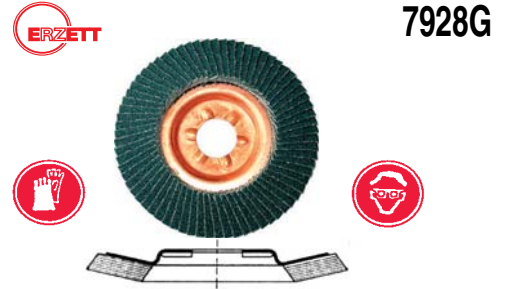
Ø 115mm.

Grain		40	60	80
7925G	Each	5,82	5,68	5,82



Convex profile.
 Flaps in zirco corundum slot attached to a stable metal backing-pad.
 Very high performances and ideal working position because flaps have a 15° inclination.
 Indicated for polishing, deoxidising, deburring also hard metals, eliminating weld beads.
 Speed 80 m/s. Hole 22.2mm.
 Approved according to the German standard DSA 2604.
 Ø 115mm.

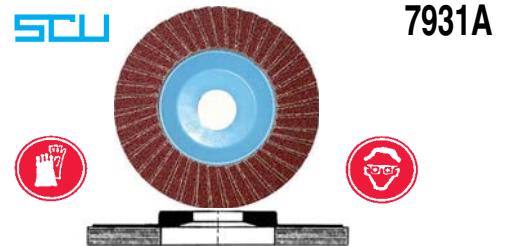
Grain		40	60	80	120
7928G	Each	5,82	5,82	5,82	5,82



LAMELLAR FLAP DISCS, NYLON BACKING-PAD

Prod. SCU
 Flat profile type.
 Corundum flaps, nylon backing-pad, double flaps with optimal anchoring to the backing-pad.
 Indicated to machine ferrous metals and steels.
 Speed 13,300 rev/min. Hole 22mm. Package unit ca. 20pcs .
 Diameter 115mm.

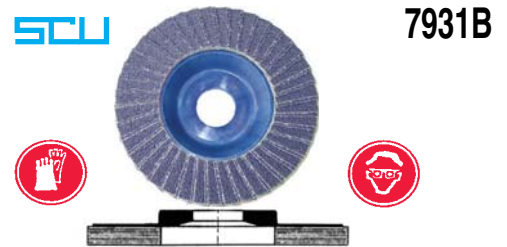
Grain		40	60	80	120
7931A	Each	2,04	2,04	2,04	2,04



Flat profile type.
 Zirconium flaps, nylon backing-pad, double flaps with optimal anchoring to the backing-pad.
 Indicated to machine stainless steel.
 Speed 13,300 rev/min.
 Hole 22mm. Package unit ca. 20pcs.

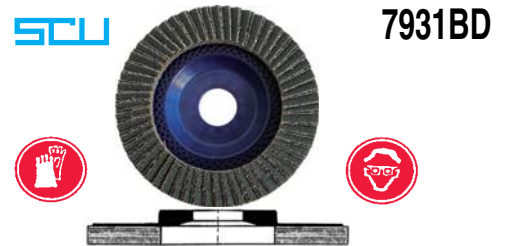
Grain		40	50	60	80	120
7931B	Each	2,22	2,24	2,22	2,22	2,22

**Grain 50: packaging indicative pcs. 10.
 Size 50 running out of stock.**



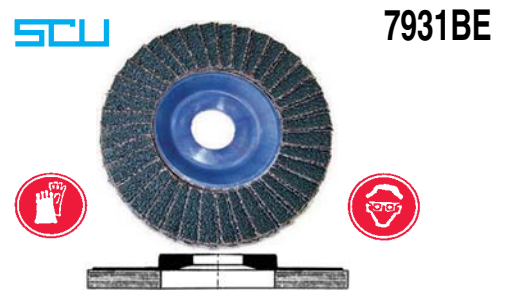
Flat profile model.
 High performance and longer life.
 Zirconium blades, thick nylon support, two-blade assembly with excellent anchoring to the support. Suitable for machining stainless steel.
 Speed 13300 rev/min. Hole 22mm. Package indicative of pcs. 20.
 Ø 115 mm.

Grain		40	60	80
7931BD	Each	3,94	3,94	3,94



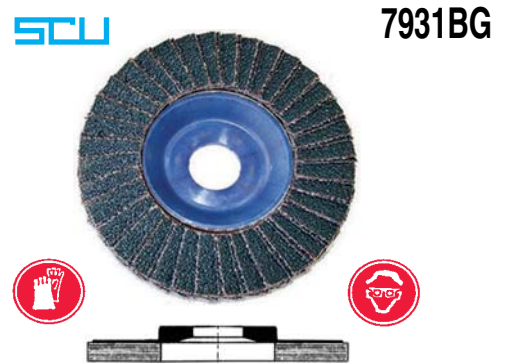
Flat-profile.
 Zirconium flaps, very thick nylon packing-pad. Double flaps with optimal anchoring to the backing-pad. Indicated for stainless steel working.
 Speed 12,250 rev/min. Hole 22mm. Package unit approx. 20pcs.
 Ø 125mm.

Grain		40	60	80
7931BE	Each	4,48	4,48	4,48



Product description as Art. 7931BE
 Speed 8,500 rev/min. Hole 22mm. Package unit approx. 10pcs.
 Ø 180mm.

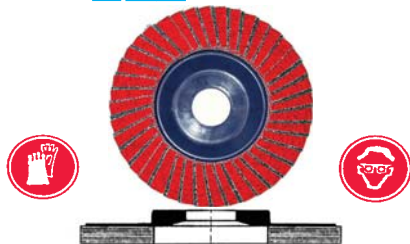
Grain		40	60	80
7931BG	Each	6,46	6,46	6,46





7931L

SCU



Flat profile type.

Combination of zirconium-ceramic flaps, extra-thick nylon backing-pad, combined assembly with optimal anchoring to the backing-pad. Exceptional cutting speed to working life ratio. Indicated for universal machining of ferrous metals, steel and stainless steel.

Speed 13,300 rev/min. Hole 22mm. Package unit 20pcs.

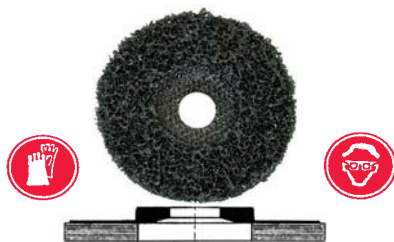
Diameter 115mm.

Grain		40	60	80
7931L	Each	4,10	4,10	4,10

GRINDING WHEELS, FIBERGLASS BACKING-PAD

7931T

SCU



Prod. SCU

Flat profile.

High-padding, spunbonded fabric. Silicon carbide abrasive, glass fibre backing pad. Ideal for cleaning rusts, deburring, paint removing from metals, woods, plasters, cement. Does not ruin nor overheat the surface being worked.

Speed 10,000 rev/min.

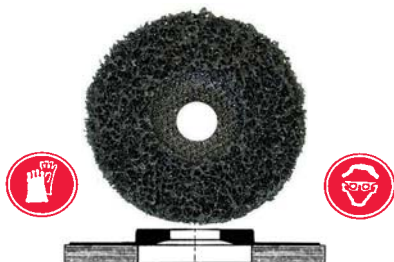
Hole Ø 22mm. Package unit ca. 5pcs.

Diameter 115mm. Extra-coarse grit.

7931T	Each	7,64
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7931V

SCU



Product description as Art. 7931T

Speed 9,800 rev/min.

Hole Ø 22mm. Package unit approx. 10pcs.

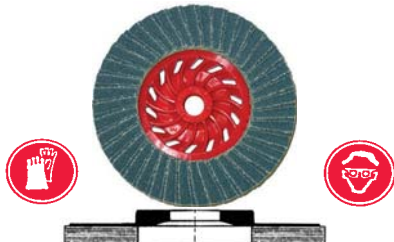
Ø 125mm. Extra-coarse grit.

7931V	Each	11,40
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FLAP DISCS WITH NYLON BACKING-PAD

7932

SCU



Prod. SCU

Flat-profile.

Zirconium flaps, very thick nylon packing-pad. Self-ventilated for very efficient cooling. Double flaps with optimal anchoring to the backing-pad. Indicated for stainless steel working.

Speed 13,300 rev/min. Threaded hole M 14. Package unit approx. 20pcs.

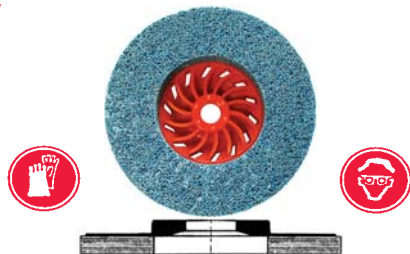
Ø 115mm.

Grain		40	60	80
7932	Each	3,56	3,56	3,56

7932A

new

SCU



Flat-profile.

Compressed abrasive in non-woven fabric with nylon support provided with slots for optimal cooling and for the removal of processing dust. Ideal for the polishing of stainless steel by removing signs of lamellar discs, small oxidations and welding browning. Suitable for use on aluminum.

Speed 6000 rev/min. Threaded hole M 14. Package unit approx. 5 pcs.

Ø 115mm.

Type		1	2
Grain		Medium	Fine
7932A	Each	21,60	20,60



ABRASIVE CLOTH LAMELLAR FAN GRINDERS

Orig. Erzett

Corundum flaps.
For cleaning steels, cast irons, fusions and wood. Flexible flaps allow to clean irregular, rough, digged surfaces.
Connection Ø 6mm.



Ø and thickness	mm	40x15	50x20	60x20	60x30	60x40	80x30	80x50	30x10	40x10	40x15	40x20	50x15	50x20	60x20	60x30
Grain		40	40	40	40	40	40	40	60	60	60	60	60	60	60	60
7932G	Each	3,36	4,04	4,40	4,86	5,76	7,36	8,68	2,72	3,30	3,54	3,44	4,54	4,04	5,32	4,86
Ø and thickness	mm	60x40	60x50	80x30	80x40	80x50	30x10	40x10	40x15	40x20	50x15	50x20	60x20	60x30	60x40	80x30
Grain		60	60	60	60	60	80	80	80	80	80	80	80	80	80	80
7932G	Each	5,76	7,00	7,36	8,68	8,68	2,72	3,26	3,48	3,44	4,54	4,04	5,22	4,86	5,76	7,36
Ø and thickness	mm	80x40	80x50	30x10	40x10	40x15	40x20	50x15	50x20	60x20	60x30	60x40	80x30	80x50	30x10	40x15
Grain		80	80	120	120	120	120	120	120	120	120	120	120	120	150	150
7932G	Each	8,68	8,68	2,72	3,44	3,62	3,58	4,54	4,36	5,68	5,16	5,76	7,36	8,68	2,72	3,62
Ø and thickness	mm	40x20	50x15	50x20	60x30	80x20	30x10	40x20	50x10	50x20	60x30	30x10	40x20	50x20	60x30	
Grain		150	150	150	150	150	240	240	240	240	320	320	320	320		
7932G	Each	3,58	4,54	4,36	5,16	6,94	2,68	3,58	3,62	4,36	5,66	2,68	3,62	4,36	5,66	

Product description as Art. 7932G

Connection Ø 3mm.

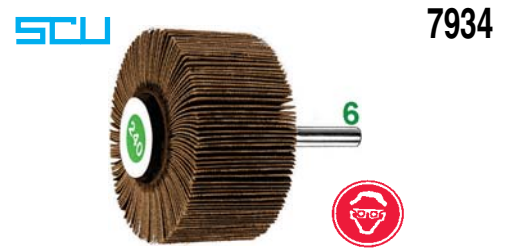
Ø and thickness	mm	20x10	25x10	30x5	30x10	40x10	20x10	25x10
Grain		80	80	80	80	80	120	120
7933G	Each	2,80	2,80	2,90	2,94	3,14	2,80	2,80
Ø and thickness	mm	30x5	30x10	40x10	20x10	25x10	30x5	30x10
Grain		120	120	120	150	150	150	150
7933G	Each	2,90	2,98	3,14	2,80	2,80	2,82	2,90
Ø and thickness	mm	40x10	30x5	30x10	30x5	30x10		
Grain		150	240	240	320	320		
7933G	Each	3,58	2,86	3,08	2,94	3,08		



For converters see Art. 8148 A - G

Prod. SCU

Corundum flaps.
Optimum price/quality ratio.
For cleaning steels, cast irons, fusions and wood. Flexible flaps allow to clean irregular, rough, digged surfaces.
Connection Ø 6mm.



Ø and thickness	mm	40x15	50x20	60x20	60x30	60x40	80x30	80x50	20x15	30x5	30x10	30x15	40x10	40x15	40x20
Grain		40	40	40	40	40	40	40	60	60	60	60	60	60	60
7934	Each	2,50	2,96	3,44	4,02	4,88	5,58	7,64	2,36	2,64	2,30	2,36	2,28	2,50	2,60
Ø and thickness	mm	50x10	50x20	50x30	60x15	60x20	60x30	60x40	80x20	80x30	80x40	80x50	20x15	30x5	30x10
Grain		60	60	60	60	60	60	60	60	60	60	60	80	80	80
7934	Each	2,66	2,96	3,30	3,52	3,44	4,02	4,88	4,70	5,58	6,72	7,64	2,36	2,64	2,30
Ø and thickness	mm	30x15	40x10	40x15	40x20	50x10	50x20	50x30	60x15	60x20	60x30	60x40	80x20	80x30	80x40
Grain		80	80	80	80	80	80	80	80	80	80	80	80	80	80
7934	Each	2,36	2,28	2,54	2,64	2,68	3,00	3,44	3,54	3,48	4,06	4,92	4,70	5,70	6,90
Ø and thickness	mm	80x50	20x15	30x5	30x10	30x15	40x10	40x15	40x20	50x20	50x30	60x15	60x20	60x30	60x40
Grain		80	120	120	120	120	120	120	120	120	120	120	120	120	120
7934	Each	7,82	2,40	2,66	2,32	2,40	2,36	2,60	2,72	3,14	3,58	3,70	3,58	4,20	5,16
Ø and thickness	mm	80x30	80x40	80x50	30x5	30x10	40x20	50x10	60x30	30x20	40x20	50x30	60x20	60x30	
Grain		120	120	120	240	240	240	240	240	320	320	320	320	320	
7934	Each	6,04	7,40	8,42	2,82	2,46	2,80	2,90	4,82	2,72	3,00	4,10	4,18	5,14	

Product description as Art. 7934

Connection Ø 3mm.

Ø and thickness	mm	10x10	15x15	15x20	20x10	30x5	30x10	10x10	15x15
Grain		80	80	80	80	80	80	120	120
7934E	Each	2,80	2,80	2,80	2,36	2,64	2,30	2,80	2,80
Ø and thickness	mm	15x20	20x10	30x5	30x10	10x10	15x15	30x10	
Grain		120	120	120	120	240	240	240	
7934E	Each	2,80	2,40	2,66	2,32	2,80	2,80	2,46	



For converters see Art. 8148 A - G.



7934P

SCU



6



Zinc-corundem flaps.

Optimum quality/price ratio.

To clean almost all metals including steel and relative alloys. Flexible flaps allow to clean irregular, rough, digged surfaces.

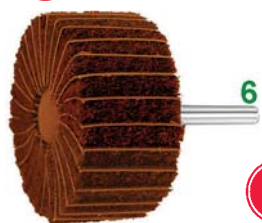
Connection Ø: 6mm.

Ø and thickness	mm	30x10	40x15	40x20	50x20	50x25	60x30	60x40	80x50
Grain		60	60	60	60	60	60	60	60
7934P	Each	3,68	3,94	4,18	5,06	5,40	6,58	7,58	11,70
Ø and thickness	mm	30x10	40x15	40x20	50x20	50x25	60x30	60x40	80x50
Grain		80	80	80	80	80	80	80	80
7934P	Each	3,68	3,94	4,18	5,06	5,40	6,58	7,58	11,70
Ø and thickness	mm	30x10	40x15	40x20	50x20	50x25	60x30	60x40	80x50
Grain		120	120	120	120	120	120	120	120
7934P	Each	3,80	3,98	4,44	5,32	5,66	6,84	7,84	12,10

ABRASIVE LAMELLAR FAN GRINDERS WITH SHANK

7935G

ERZETT



6



Orig. Erzett

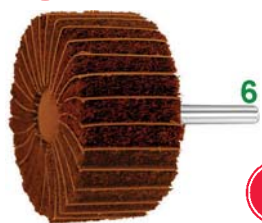
Combination of fibre and flaps for an abrasive action with a bigger load support. In corundum, for polishing Cr-Ni alloys, light alloys, soft metals, aluminium and wood. Connection Ø 6mm. Red colour.

Grit: 80/medium (80/A104).

Ø and thickness	mm	40x20	50x20	60x30	80x40
7935G	Each	5,00	5,48	7,48	10,70

7936G

ERZETT



6



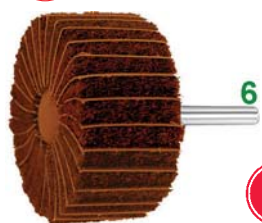
Product description as Art. 7935G

Grit: 150/fine (150/A106).

Ø and thickness	mm	40x20	50x20	60x30	80x40
7936G	Each	5,00	6,58	8,08	9,90

7937G

ERZETT



6



Product description as Art. 7935G

Grit: 240/extra fine (240/A107).

Ø and thickness	mm	40x20	60x30
7937G	Each	5,48	8,84

7937L

new

SCU



6



Prod. SCU

Product description as Art. 7935G

Grit 100/medium.

Ø and thickness	mm	30x20	40x20	50x30	60x40	80x50
7937L	Each	6,22	5,72	7,60	8,20	11,90

7937P

new

SCU



6



Product description as Art. 7935G

Grit 150/fine.

Ø and thickness	mm	30x20	40x20	50x30	60x40	80x50
7937P	Each	6,22	5,72	7,60	8,20	11,90

12

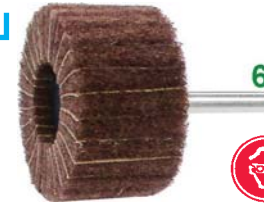


Product description as Art. 7935G

Grit 240/extra fine.

Ø and thickness	mm	30x20	40x20	50x30	60x40	80x50
7937S	Each	6,22	5,72	7,60	8,20	11,90

SCU



7937S
new



ABRASIVE FAN GRINDERS WITH SHANK

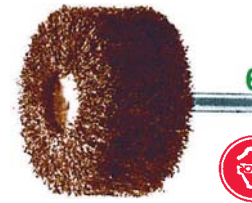
Orig. Erzett

Synthetic material and abrasive surface to obtain a calendered finished.
In Corundum, to calender Cr-Nialloys, light alloys, soft metals, aluminium and wood.
Connection Ø 6mm. Red colour.

Grit: Medium (A104).

Ø and thickness	mm	40x20	50x20	50x30	60x30	80x40
7943G	Each	4,94	5,44	6,18	7,08	7,08

ERZETT



7943G



Product description as Art. 7943G

Grit: Fine (A106).

Ø and thickness	mm	40x20	50x20	50x30	60x30	80x40
7944G	Each	5,08	5,66	6,36	7,08	7,22

ERZETT



7944G

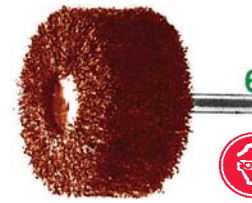


Product description as Art. 7943G

Grit: Extra fine (A107).

Ø and thickness	mm	40x20	50x30	60x30
7945G	Each	5,08	6,36	7,72

ERZETT



7945G



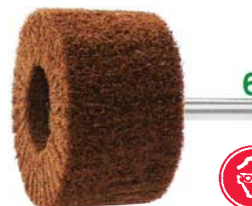
Prod. SCU

Product description as Art. 7943G

Grit 120/medium.

Ø and thickness	mm	30x20	40x20	50x30	60x40	80x50
7945L	Each	6,12	6,10	7,52	8,12	11,80

SCU



7945L
new

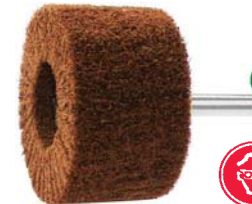


Product description as Art. 7943G

Grit 180/fine.

Ø and thickness	mm	30x20	40x20	50x30	60x40	80x50
7945P	Each	6,12	6,10	7,52	8,12	11,80

SCU



7945P
new



Product description as Art. 7943G

Grit 320/extra fine.

Ø and thickness	mm	30x20	40x20	50x30	60x40	80x50
7945T	Each	6,12	6,10	7,52	8,12	11,80

SCU



7945T
new



Orig. Erzett

Fibre-model made of synthetic material and abrasive surface for a satin finish.
In Silicon Carbide, to smooth almost all materials including stainless steel and its alloys. Blue.

Extra fine grain (Z 306).

Ø and thickness	mm	40x20	60x30	80x50
7946GE	Each	5,44	9,48	14,60

ERZETT



7946GE





7949

SCU



Prod. SCU

High-padding spunbonded fabric. Silicon carbide abrasive for cleaning rusts, deburring, paint removing from metals, woods, plasters, cement. Does not ruin nor overheat the surface being worked. Dark grey colour.

SHANK Ø mm 6.
Grit: extra coarse.

Ø and thickness	mm	75x13	100x13	150x13
7949	Each	5,30	7,64	14,20

ABRASIVE CLOTH LAMELLAR FAN GRINDERS

7960

SCU



Prod. SCU

With hole attack Ø 19.1 mm and seat for keyway. Suitable for the most popular grinders and polishers. With corundum lamellas. For sanding, deburring, cleaning steel, cast iron, castings, woods etc.

Grain		40	60	80	120
7960	Each	15,10	15,80	16,30	16,60

For electrical polishers see Art. 1691 GE.

7960A

SCU



Connection hole Ø 19.1mm and shank housing. Apt for the most common sanding, polishing and calender machines. With corundum flaps. For polishing, deburring and cleaning steels, cast irons, fusions, woods, etc. Dimensions 100x100mm. Max speed 6800 rev/min.

Grain		40	60	80	120
7960A	Each	18,70	19,40	20,10	21,80

For electrical polishers see Art. 1691 GE.

7960D

SCU



With hole attack Ø 19.1 mm and seat for keyway. Suitable for the most popular grinders and polishers. In fibrous material combined with corundum lamellas. For grinding, sanding and polishing Chrome Nickel alloys, light alloys, soft metals, woods etc. Dimensions 100x50 mm. Maximum speed 6800 rev/min.

Grain		60	80	120	150
7960D	Each	16,10	16,10	16,10	16,10

For electrical polishers see Art. 1691 GE.

7960E

SCU



Connection hole Ø 19.1mm and shank housing. Apt for the most common sanding, polishing and calender machines. Fibre material combined with corundum flaps. For sanding, polishing and calendering Cromo Nickel alloys, light alloys, soft metals, woods, etc. Dimensions 104x100mm. Max speed 6800 rev/min.

Grain		60	80	120	150
7960E	Each	22,20	22,20	22,20	22,20

For electrical polishers see Art. 1691 GE.

ABRASIVE FAN GRINDERS WITH SHANK

7960EM

SCU



Prod. SCU

With hole attack Ø 19.1 mm and seat for keyway. Suitable for the most popular grinders and polishers. With abrasive fabric in synthetic fibrous material to remove oxidation and calendering Chrome Nickel alloys, light alloys, soft metals, woods etc.

Dimensions 110x50 mm. Maximum speed 6800 rev/min.

Size		1	2	3	4
Grain		coarse (80)	medium (120)	fine (180)	very fine (600)
7960EM	Each	13,80	13,80	13,80	15,30

For electrical polishers see Art. 1691 GE.

12



Connection hole Ø 19.1mm and shank housing. Apt for the most common sanding, polishing and calender machines. Abrasive fibre material for deoxidising and calendring Cromo Nickel alloys, light alloys, soft metals, woods, etc
Dimensions 100x100mm. Max speed 5700 rev/min.

Size	1	2	3	4
Grain	coarse (80)	medium (120)	fine (180)	very fine (600)
7960F	Each 17,10	Each 17,10	Each 17,10	Each 17,10

For electrical polishers see Art. 1691 GE.



Connection hole Ø 19.1mm and shank housing. Apt for the most common sanding, polishing and calender machines. High-padding spunbonded fabric. Silicon carbide abrasive for cleaning rusts, deburring, paint removing from metals, woods, plasters, cement. Does not ruin nor overheat the surface being worked.

Dimensions 100x100mm. Max speed 6800 rev/min.

Grit: extra coarse.

7960L	Each 61,60
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For electrical polishers see Art. 1691 GE.



Connection hole Ø 19.1mm and shank housing. Apt for the most common sanding, polishing and calender machines. In abrasive rubber for calendring stainless steels.

Dimensions 100x100mm. Max speed 1910 rev/min.

Grain	16	46	120
7960P	Each 134,00	Each 134,00	Each 134,00

Brushes in other materials (steel wire, stainless steel, nylon, tampico and sisal) can be supplied on request. For cotton brushes see Art. 1833 T - V.
For electric surface grinders see Art. 1691 GE.



Port hole with diameter of 19.1 mm, and keyway. Suitable for the most popular grinders, polishers and polishers. Brass coated steel wire with a diameter of 0.3 mm. For wood and metal treatment, eliminating rust and removing burrs.

Dimensions mm 100 x 100. Maximum speed of 6,800 RPM.

7960T	Each 77,80
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For electric finishing machines see Art. 1691 GE.



Port hole with diameter of 19.1 mm, and keyway. Suitable for the most popular grinders, polishers and polishers. In durable nylon, coated with abrasive grit. For deburring and cleaning non-metallic and metallic surfaces

Dimensions 100 x 100. Maximum speed of 6,800 RPM.

80 grit.

7960V	Each 141,00
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For electric finishing machines see Art. 1691 GE.



FLAP GRINDING WHEELS WITH FLANGES

Prod. SCU

With threaded hole diameter M 14.

Suitable for the most popular grinders and polishers. With corundum reed. For sanding, deburring, cleaning steels, cast irons, merging, wood, etc.

Dimensions 125x20. Maximum speed of 9,000 RPM.

Grain	40	60	80	120	240
7962G	Each 18,40	Each 18,40	Each 18,40	Each 18,40	Each 18,40

For sanding machines see Art. 1686 G.



NEW!

NEW ITEMS GROUP 13



8154G

Flexible shafts, professional type
► P. 1175



8464GL

Metal drill bits, right rotation DIN 338
► P. 1189



8815GE

HSS-E countersinks
► Pag. 1241



8816GP

Hard Metal countersinks
► Pag. 1242



8910GRM

HSS-E stepped helical milling cutters for steel sheets ► P. 1255



8910GRP

HSS-E stepped helical milling cutters for steel sheets ► P. 1255



8910GRT

HSS-E stepped helical milling cutters for steel sheets ► P. 1255



8910GRV

HSS-E stepped helical milling cutters for steel sheets ► P. 1255



9139GA

HSSG hand and machine taps for through holes
► P. 1287



9139GC

HSSG hand and machine taps for blind holes
► P. 1288



9272GM

High efficiency taps with coloured rings
► P. 1296



9272GPE

High efficiency taps with coloured rings
► P. 1297



9491G

Tap wrench with spindle, short type
► P. 1328



9771GE

Tools for lathe DIN 4971 for cast iron and non-ferrous metals, left hand
► P. 1352



9773GE

Tools for lathe DIN 4972 for cast iron and non-ferrous metals, left hand
► P. 1352



9779GE

Tools for lathe DIN 4977 for cast iron and non-ferrous metals, left hand
► P. 1353



9781GE

Tools for lathe DIN 4978 for cast iron and non-ferrous metals, left hand
► P. 1354



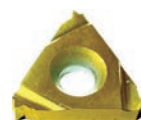
9783GE

Tools for lathe DIN 4980 for cast iron and non-ferrous metals, left hand
► P. 1354



9785GE

Tools for lathe DIN 4981 for cast iron and non-ferrous metals, left hand
► P. 1355



9840

Carbide tool bits in Hard Metal, TIN-coated ► P. 1355



TOOLS FOR CHIP REMOVAL

All items are in sequence. It's very easy to find them!

Engraving bits
Rotary burrs
Burrs sets
Converters
Flexible shafts



From **7967GA**
To **8155G**

Drills for metals
MULTIPLEX shank holders
Accessories for MULTIPLEX
Twist drill grinder machines



From **8300G**
To **8690**

Drills, bushes



From **8695**
To **8698**

Mills
Countersinks
Reamers
Deburring tools



From **8732**
To **9030**

Taps
Dies
Taps and dies sets
Thread restorers



From **9080A**
To **9459GP**

Dies stocks
Tap wrenches



From **9460**
To **9497GL**

Threaded inserts
Threaded caps



From **9500G**
To **9518GR**

Hand and machine hacksaws
for metals



From **9538G**
To **9576G**

Circular saw blades for cut-off
machines
Easy cut grease
Metal-cutting bandsaw blades



From **9581A**
To **9660GR**

Ground and
treaded bars
Turning tools
Tool holder
Holders for cutting bit tools
and bit tools



From **9688**
To **9848Z**





ENGRAVING BITS OF TUNGSTEN CARBIDE

7967GA

SCU



HARTMETALL

Prod. SCU

Micrograin integral solid carbide (K10), ground.

For engraving very hard steels, cast irons, brass, aluminium, plastic, glass fibre, carbon fibre, resin, etc.

Step profile, flat point.

Ø	mm	2	3	4	5	6	8	10
Overall length	mm	40	50	60	60	70	100	100
7967GA	Each	9,54	11,20	14,90	18,80	25,50	54,30	76,90

7967GF

SCU



HARTMETALL

Product description as Art. 7967GA

Cylindrical shape, without step.

Ø	mm	2	3	4	5	6	8	10
Overall length	mm	100	100	100	100	100	100	100
7967GF	Each	7,30	9,86	12,50	13,90	19,90	28,70	41,30

ROTARY BURRS FOR ENGRAVING

7970

SCU HSS



Prod. SCU

HSS. Shank Ø 3mm. Ground and sharpened cutting edges.

Smooth cut.

Speed m/min. 60-180.

Type		2	4	6	8	10
Head Ø	mm	6	7	6	6	6
Head length	mm	10	10	10	10	6
Shape		cylindric	oval	conica	ogive	spherical
7970	Each	9,98	9,98	9,98	9,98	9,98

For converters see Art. 8148 A - G.

HSS ROTARY BURRS

7992A

SCU HSS



Prod. SCU

CYLINDRICAL-SHAPED - HEAD WITH CUTTING EDGES

HSS. Ground cutting edges.

Shank Ø 6mm.

Cut 2=bastard cut with chip breaker.

Speed m/min. 200-250

Head Ø	mm	6	8	10	12	15
Head length	mm	20	30	30	30	30
Overall length	mm	60	70	70	70	70
7992A	Each	13,40	17,10	17,80	18,70	24,50

7992B

SCU HSS



Product description as Art. 7992A

Cut 3=second cut with chip breaker.

Speed m/min. 60-180.

Head Ø	mm	6	8	10	12	15
Head length	mm	20	30	30	30	30
Overall length	mm	60	70	70	70	70
7992B	Each	13,40	17,10	17,80	18,70	24,50

7992E

SCU HSS



CYLINDRICAL-SHAPED - BALL HEAD

HSS. Ground cutting edges.

Shank Ø 6mm.

Cut 2=bastard cut with chip breaker.

Speed m/min. 200-250

Head Ø	mm	6	8	10	12	15
Head length	mm	20	30	30	30	30
Overall length	mm	60	70	70	70	70
7992E	Each	13,40	17,10	17,80	18,70	24,50

7992F

SCU HSS



Product description as Art. 7992E

Cut 3=second cut with chip breaker.

Speed m/min. 60-180.

Head Ø	mm	6	8	10	12	15
Head length	mm	20	30	30	30	30
Overall length	mm	60	70	70	70	70
7992F	Each	13,40	17,10	17,80	18,70	24,50

13



BALL-SHAPED
HSS. Ground cutting edges.
Shank Ø 6mm.
Cut 2=bastard cut with chip breaker.Speed m/min. 200-250

Head Ø	mm	6	8	10	12	15
Head length	mm	6	8	10	12	15
Overall length	mm	50	52	54	56	59
7992L	Each	13,40	17,10	17,80	18,70	24,50

SCU HSS  **7992L**



Product description as Art. 7992L
Cut 3=second cut with chip breaker.
Speed m/min. 60-180.

Head Ø	mm	6	8	10	12	15
Head length	mm	6	8	10	12	15
Overall length	mm	50	52	54	56	59
7992P	Each	13,40	17,10	17,80	18,70	24,50

SCU HSS  **7992P**



FLAME-SHAPED
HSS. Ground cutting edges.
Shank Ø 6mm.

Cut 2=bastard cut with chip breaker.
Speed m/min.200-250

Head Ø	mm	6	8	10	12	15
Head length	mm	20	30	30	30	30
Overall length	mm	60	70	70	70	70
7992R	Each	13,40	17,10	17,80	18,70	24,50

SCU HSS  **7992R**



Product description as Art. 7992R
Cut 3=second cut with chip breaker.
Speed m/min. 60-180.

Head Ø	mm	6	8	10	12	15
Head length	mm	20	30	30	30	30
Overall length	mm	60	70	70	70	70
7992S	Each	13,40	17,10	17,80	18,70	24,50

SCU HSS  **7992S**



CONICAL-SHAPED
HSS. Ground cutting edges.
Shank Ø 6mm.

Cut 2=bastard cut with chip breaker.
Speed m/min.200-250

Head Ø	mm	6	8	10	12	15
Head length	mm	20	30	30	30	30
Overall length	mm	60	70	70	70	70
7992T	Each	13,40	17,10	17,80	18,70	24,50

SCU HSS  **7992T**



Product description as Art. 7992T
Cut 3=second cut with chip breaker.
Speed m/min. 60-180.

Head Ø	mm	6	8	10	12	15
Head length	mm	20	30	30	30	30
Overall length	mm	60	70	70	70	70
7992V	Each	13,40	17,10	17,80	18,70	24,50

SCU HSS  **7992V**



HSS ROTARY BURRS, LARGE DIAMETER

Prod. SCU
In HSS steel. Ground, sharpened cutting surfaces.

BALL-SHAPED
Cut 2 = with chip breaker.

Ø	mm	20	25
Height	mm	20	25
Drive Ø	mm	6	8
Drive length approx	mm	40	40
7994A	Each	31,90	84,60

SCU HSS  **7994A**



HSS. Ground and sharpened cutting edges.
Complete with threaded shank.

OVAL-SHAPED
Cut 2 = with chip breaker.

Ø	mm	25
Height	mm	35
Drive Ø	mm	8
Drive length approx	mm	40
7994B	Each	84,60

SCU HSS  **7994B**





7994C

SCU

HSS



Product description as Art. 7994B

CONICAL-SHAPED

Cut 2 = with chip breaker.

Ø	mm	25
Height	mm	40
Drive Ø	mm	6
Drive length approx	mm	40
7994C	Each	84,60

7994E

SCU

HSS



Product description as Art. 7994B

CONICAL-SHAPED WITH BALL TIP

Cut 2 = with chip breaker.

Ø	mm	20
Height	mm	55
Drive Ø	mm	8
Drive length approx	mm	40
7994E	Each	84,60

7994F

SCU

HSS



Product description as Art. 7994B

FLAME-SHAPED

Cut 2 = with chip breaker.

Type		20	20L
Ø	mm	25	20
Height	mm	55	55
Drive Ø	mm	8	6/8
Drive length approx	mm	40	90
7994F	Each	84,60	90,20

Size 20L running out of stock.

TUNGSTEN CARBID MINI ROTARY BURRS

8031A

SCU

HARTMETALL



Prod. SCU

CYLINDRICAL-SHAPED - HEAD WITH CUTTING EDGES.

In tungsten carbide, suitable for engraving.

Shank Ø 3mm.

Cut 3=second cut.

Head Ø	mm	3
Head length	mm	14
Overall length approx	mm	40
8031A	Each	8,82

8031B

SCU

HARTMETALL



Product description as Art. 8031A

Cut 5=smooth cut with chip breaker.

Head Ø

Head length

Overall length approx

8031B	Each	8,82
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8031C

SCU

HARTMETALL



CYLINDRICAL-SHAPED - SMOOTH HEAD

In tungsten carbide, suitable for engraving.

Shank Ø 3mm.

Cut 3=second cut.

Head Ø	mm	3
Head length	mm	14
Overall length approx	mm	40
8031C	Each	8,82

8031D

SCU

HARTMETALL



Product description as Art. 8031C

Cut 5=smooth cut with chip breaker.

Head Ø

Head length

Overall length approx

8031D	Each	8,82
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8031E

SCU

HARTMETALL



CYLINDRICAL-SHAPED - BALL HEAD

In tungsten carbide, suitable for engraving.

Shank Ø 3mm.

Cut 3=second cut.

Head Ø	mm	3
Head length	mm	14
Overall length approx	mm	40
8031E	Each	8,82



Product description as Art. 8031E

Cut 5=smooth cut with chip breaker.

Head Ø mm 3
 Head length mm 14
 Overall length approx mm 40

8031F Each **8,82**

SCU HARTMETALL  **8031F**



BALL-SHAPED

In tungsten carbide, suitable for engraving.
 Shank Ø 3mm.

Cut 3=second cut.

Head Ø mm 3
 Head length mm 2,6
 Overall length approx mm 40

8031G Each **8,82**

SCU HARTMETALL  **8031G**



Product description as Art. 8031G

Cut 5=smooth cut with chip breaker.

Head Ø mm 3
 Head length mm 2,6
 Overall length approx mm 40

8031H Each **8,82**

SCU HARTMETALL  **8031H**



OVAL-SHAPED

In tungsten carbide, suitable for engraving.
 Shank Ø 3mm.

Cut 3=second cut.

Head Ø mm 3
 Head length mm 6
 Overall length approx mm 40

8031L Each **8,82**

SCU HARTMETALL  **8031L**



Product description as Art. 8031L

Cut 5=smooth cut with chip breaker.

Head Ø mm 3
 Head length mm 6
 Overall length approx mm 40

8031M Each **8,82**

SCU HARTMETALL  **8031M**



ROUND CONICAL-SHAPED

In tungsten carbide, suitable for engraving.
 Shank Ø 3mm.

Cut 3=second cut.

Head Ø mm 3
 Head length mm 14
 Overall length approx mm 40

8031P Each **8,82**

SCU HARTMETALL  **8031P**



Product description as Art. 8031P

Cut 5=smooth cut with chip breaker.

Head Ø mm 3
 Head length mm 14
 Overall length approx mm 40

8031R Each **8,82**

SCU HARTMETALL  **8031R**



FLAME-SHAPED

In tungsten carbide, suitable for engraving.
 Shank Ø 3mm.

Cut 3=second cut.

Head Ø mm 3
 Head length mm 10
 Overall length approx mm 40

8031S Each **8,82**

SCU HARTMETALL  **8031S**



Product description as Art. 8031S

Cut 5=smooth cut with chip breaker.

Head Ø mm 3
 Head length mm 10
 Overall length approx mm 40

8031T Each **8,82**

SCU HARTMETALL  **8031T**



**8031V** SCU HARTMETALL 

CONICAL-SHAPED WITH BALL TIP
In tungsten carbide, suitable for engraving.
Shank Ø 3mm.
Cut 3=second cut.

Head Ø	mm	3
Head length	mm	14
Overall length approx	mm	40
8031V	Each	9,12

8031Z SCU HARTMETALL 

Product description as Art. 8031V
Cut 5=smooth cut with chip breaker.

Head Ø	mm	3
Head length	mm	14
Overall length approx	mm	40
8031Z	Each	8,82

8032A SCU HARTMETALL 

CONICAL-SHAPED
In tungsten carbide, suitable for engraving.
Shank Ø 3mm.
Cut 3=second cut.

Head Ø	mm	3
Head length	mm	15
Overall length approx	mm	40
8032A	Each	9,14

8032B SCU HARTMETALL 

Product description as Art. 8032A
Cut 5=smooth cut with chip breaker.

Head Ø	mm	3
Head length	mm	15
Overall length approx	mm	40
8032B	Each	9,12

TUNGSTEN CARBID ROTARY BURRS**8034A** SCU HARTMETALL 

Prod. SCU
CYLINDRICAL-SHAPED - HEAD WITH CUTTING EDGES
In tungsten carbide, suitable for engraving.
Shank Ø 3mm.
Cut 3=second cut.

Head Ø	mm	4	6
Head length	mm	12	12,7
Overall length approx	mm	50	50
8034A	Each	23,50	16,10

8034B SCU HARTMETALL 

Product description as Art. 8034A
Cut 5=smooth cut with chip breaker.

Head Ø	mm	4	6
Head length	mm	12	12,7
Overall length approx	mm	50	50
8034B	Each	23,50	16,10

8034D SCU HARTMETALL 

CYLINDRICAL-SHAPED - SMOOTH HEAD
In tungsten carbide, ground cutting edges.
Shank Ø 3mm.
Cut 3=second cut.

Head Ø	mm	4	6
Head length	mm	12	12,7
Overall length approx	mm	50	50
8034D	Each	20,70	14,60

8034E SCU HARTMETALL 

Product description as Art. 8034D
Cut 5=smooth cut with chip breaker.

Head Ø	mm	4	6
Head length	mm	12	12,7
Overall length approx	mm	50	50
8034E	Each	21,30	14,60

8034F SCU HARTMETALL 

CYLINDRICAL-SHAPED - BALL HEAD
In tungsten carbide, ground cutting edges.
Shank Ø 3mm.
Cut 3=second cut.

Head Ø	mm	4	6
Head length	mm	12	12
Overall length approx	mm	50	50
8034F	Each	20,70	14,60



Product description as Art. 8034F

Cut 5=smooth cut with chip breaker.

Head Ø	mm	4	6
Head length	mm	12	12
Overall length approx	mm	50	50
8034L	Each	21,30	14,60



BALL-SHAPED

In tungsten carbide, ground cutting edges.

Shank Ø 3mm.

Cut 3=second cut.

Head Ø	mm	4	6
Head length	mm	3,4	5
Overall length approx	mm	38	44
8034P	Each	20,70	14,60



Product description as Art. 8034P

Cut 5=smooth cut with chip breaker.

Head Ø	mm	4	6
Head length	mm	3,4	5
Overall length approx	mm	38	44
8034R	Each	21,30	14,60



OVAL-SHAPED

In tungsten carbide, ground cutting edges.

Shank Ø 3mm.

Cut 3=second cut.

Head Ø	mm	6
Head length	mm	9,5
Overall length approx	mm	50
8034S	Each	14,60



Product description as Art. 8034S

Cut 5=smooth cut with chip breaker.

Head Ø	mm	6
Head length	mm	9,5
Overall length approx	mm	50
8034T	Each	14,60



ROUND CONICAL-SHAPED

In tungsten carbide, ground cutting edges.

Shank Ø 3mm.

Cut 3=second cut.

Head Ø	mm	6
Head length	mm	12
Overall length approx	mm	50
8035A	Each	14,60



Product description as Art. 8035A

Cut 5=smooth cut with chip breaker.

Head Ø	mm	6
Head length	mm	12
Overall length approx	mm	50
8035B	Each	14,60



FLAME-SHAPED

In tungsten carbide, ground cutting edges.

Shank Ø 3mm.

Cut 3=second cut.

Head Ø	mm	6
Head length	mm	12
Overall length approx	mm	50
8035D	Each	14,60



Product description as Art. 8035D

Cut 5=smooth cut with chip breaker.

Head Ø	mm	6
Head length	mm	12
Overall length approx	mm	50
8035E	Each	14,60





8035F SCU HARTMETALL



CONICAL-SHAPED WITH BALL TIP
In tungsten carbide, ground cutting edges.
Shank Ø 3mm.
Cut 3=second cut.

Head Ø	mm	6
Head length	mm	15
Overall length approx	mm	50
8035F	Each	15,60

8035L SCU HARTMETALL



Product description as Art. 8035F
Cut 5=smooth cut with chip breaker.

Head Ø	mm	6
Head length	mm	15
Overall length approx	mm	50
8035L	Each	15,60

8035P SCU HARTMETALL



CONICAL TYPE
In tungsten carbide, ground cutting edges.
Shank Ø 3mm.
Cut 3=second cut.

Head Ø	mm	6
Head length	mm	12
Overall length approx	mm	54
8035P	Each	14,60

8035R SCU HARTMETALL



Product description as Art. 8035P
Cut 5=smooth cut with chip breaker.

Head Ø	mm	6
Head length	mm	12
Overall length approx	mm	54
8035R	Each	14,60

8037A SCU HARTMETALL



CYLINDRICAL-SHAPED - HEAD WITH CUTTING EDGES
In tungsten carbide, ground cutting edges.
Shank Ø 6mm.
Cut 1=thick

Head Ø	mm	6	10	12
Head length	mm	16	20	25
Overall length approx	mm	50	63	70
8037A	Each	26,00	36,20	53,70

8037E SCU HARTMETALL



Product description as Art. 8037A
Cut 3=second cut.

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12,7	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8037E	Each	16,40	16,40	16,60	21,80	23,70	36,40	46,10

8037G SCU HARTMETALL



Product description as Art. 8037A
Cut 4=diamond

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12,7	12	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8037G	Each	19,70	19,70	19,90	26,20	28,40	43,70	55,20

8037H SCU HARTMETALL



TiAlN

Product description as Art. 8037A
TiAlN (HYPER) coating
Cut 4 = diamond

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12	12	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8037H	Each	23,50	23,50	23,70	32,10	36,60	54,90	71,60

8037L SCU HARTMETALL



Product description as Art. 8037A
Cut 5=smooth cut with chip breaker.

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12,7	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8037L	Each	16,40	16,40	19,90	21,80	23,70	37,60	47,40



Product description as Art. 8037A

Cut 7=alternate universal

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12,7	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8037P	Each	16,40	16,40	16,60	21,80	23,70	36,40	46,10



CYLINDRICAL-SHAPED - SMOOTH HEAD

In tungsten carbide, ground cutting edges.

Shank Ø 6mm.

Cut 1=thick

Head Ø	mm	6	10	12
Head length	mm	16	20	25
Overall length approx	mm	50	63	70
8041A	Each	24,90	35,20	48,10



Product description as Art. 8041A

Cut 3=second cut.

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12,7	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8041E	Each	15,70	15,70	15,10	20,10	21,60	32,70	41,80



Product description as Art. 8041A

Cut 4=diamond

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12,7	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8041G	Each	17,30	17,30	16,60	22,20	24,10	34,30	46,30



Product description as Art. 8041A

TiAlN (HYPER) coating

Cut 4 = diamond

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12	12	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8041H	Each	21,10	21,10	20,40	28,10	32,10	45,40	62,70



Product description as Art. 8041A

Cut 5=smooth cut with chip breaker.

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12,7	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8041L	Each	15,10	15,70	15,60	20,60	21,60	32,50	43,10



Product description as Art. 8041A

Cut 7=alternate universal

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12,7	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8041P	Each	15,60	15,70	15,10	20,60	21,60	32,70	41,80



CYLINDRICAL-SHAPED - BALL HEAD

In tungsten carbide, ground cutting edges.

Shank Ø 6mm.

Cut 1=thick

Head Ø	mm	6	10	12	16
Head length	mm	16	20	25	25
Overall length approx	mm	50	63	70	70
8045A	Each	27,70	36,90	56,10	72,90



Product description as Art. 8045A

Cut 3=second cut.

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12	12	16	20	20	25	25
Overall length approx	mm	52	50	50	64	64	70	70
8045E	Each	17,60	17,60	17,60	22,60	23,80	37,20	47,30





Product description as Art. 8045A

Cut 4=diamond

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	16	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8045G	Each	21,10	21,10	21,10	27,10	28,60	44,60	56,70



Product description as Art. 8045A

TiAlN (HYPER) coating

Cut 4 = diamond

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	12	12	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8045H	Each	24,90	24,90	24,90	33,10	36,70	55,80	73,10



Product description as Art. 8045A

Cut 5=smooth cut with chip breaker.

Head max Ø	mm	3	4	6	8	10	12	16
Head length	mm	16	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8045L	Each	18,20	17,60	18,20	21,70	23,80	37,20	48,70



Product description as Art. 8045A

Cut 7=alternate universal

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	16	16	16	20	20	25	25
Overall length approx	mm	52	50	50	63	63	70	70
8045P	Each	18,20	17,60	18,20	22,60	23,80	37,20	48,70



BALL-SHAPED

In tungsten carbide, ground cutting edges.

Shank Ø 6mm.

Cut 1=thick

Head Ø	mm	6	10	12	16
Head length	mm	5	8	11	14
Overall length approx	mm	50	52	55	60
8050A	Each	25,20	30,50	44,80	65,50



Product description as Art. 8050A

Cut 3=second cut.

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	2,5	3,4	5	7	8	11	14
Overall length approx	mm	50	50	50	50	52	55	60
8050E	Each	17,80	18,40	16,40	17,40	19,50	25,50	32,50



Product description as Art. 8050A

Cut 4=diamond

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	2,5	3,4	5	7	8	11	14
Overall length approx	mm	50	50	50	50	52	55	60
8050G	Each	21,30	21,30	19,70	20,80	23,40	30,50	39,10



Product description as Art. 8050A

TiAlN (HYPER) coating

Cut 4 = diamond

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	2,5	3,4	5	7	8	10,5	14,5
Overall length approx	mm	50	50	50	50	52	55	60
8050H	Each	25,10	25,10	23,50	26,70	31,50	41,70	55,50



Product description as Art. 8050A

Cut 5=smooth cut with chip breaker.

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	2,5	3,4	5	7	8	11	14
Overall length approx	mm	50	50	50	50	52	55	60
8050L	Each	18,30	17,80	16,90	17,90	20,10	26,30	33,50



Product description as Art. 8050A

Cut 7=alternate universal

Head Ø	mm	3	4	6	8	10	12	16
Head length	mm	2,5	3,4	5	7	8	11	14,5
Overall length approx	mm	50	50	50	50	52	55	60
8050P	Each	17,80	18,40	16,40	17,90	20,20	26,30	33,50



Product description as Art. 8055A

In tungsten carbide, ground cutting edges.

Shank Ø 6mm.

Cut 1=thick

Head Ø	mm	10	12	16
Head length	mm	16	22	25
Overall length approx	mm	60	66	70
8055A	Each	38,10	46,20	71,60



Product description as Art. 8055A

Cut 3=second cut.

Head Ø	mm	6	8	10	12	16
Head length	mm	10	13	16	22	25
Overall length approx	mm	50	58	60	66	70
8055E	Each	19,70	23,30	24,90	34,40	48,80



Product description as Art. 8055A

Cut 4=diamond

Head Ø	mm	6	8	10	12	16
Head length	mm	10	13	16	22	25
Overall length approx	mm	50	58	60	66	70
8055G	Each	22,70	26,20	28,80	39,80	58,10



Product description as Art. 8055A

TiAlN (HYPER) coating

Cut 4 = diamond

Head Ø	mm	6	8	10	12	16
Head length	mm	10	13	16	22	25
Overall length approx	mm	50	58	60	66	70
8055H	Each	26,50	32,10	36,90	51,10	74,50



Product description as Art. 8055A

Cut 5=smooth cut with chip breaker.

Head Ø	mm	6	8	10	12	16
Head length	mm	10	13	16	22	25
Overall length approx	mm	50	58	60	66	70
8055L	Each	20,30	23,30	25,50	35,50	50,20



Product description as Art. 8055A

Cut 7=alternate universal

Head Ø	mm	6	8	10	12	16
Head length	mm	10	13	16	22	25
Overall length approx	mm	50	58	60	66	70
8055P	Each	19,70	23,30	24,90	34,40	48,80



Product description as Art. 8060A

In tungsten carbide, ground cutting edges.

Shank Ø 6mm.

Cut 1=thick

Head Ø	mm	10	12	16
Head length	mm	20	25	25
Overall length approx	mm	65	70	70
8060A	Each	36,10	50,40	72,10



Product description as Art. 8060A

Cut 3=second cut.

Head Ø	mm	6	10	12	16
Head length	mm	16	20	25	25
Overall length approx	mm	50	65	70	70
8060E	Each	18,90	23,90	32,70	46,20





Product description as Art. 8060A

Cut 4=diamond

Head Ø	mm	6	10	12	16
Head length	mm	16	20	25	25
Overall length approx	mm	50	65	70	70
8060G	Each	22,30	28,10	39,30	55,30



Product description as Art. 8060A

TiAlN (HYPER) coating

Cut 4 = diamond

Head Ø	mm	6	10	12	16
Head length	mm	16	20	25	25
Overall length approx	mm	50	65	70	70
8060H	Each	26,00	36,20	50,40	71,80



Product description as Art. 8060A

Cut 5=smooth cut with chip breaker.

Head Ø	mm	6	10	12	16
Head length	mm	16	20	25	25
Overall length approx	mm	50	65	70	70
8060L	Each	19,10	24,10	33,80	47,60



Product description as Art. 8060A

Cut 7=alternate universal

Head Ø	mm	6	10	12	16
Head length	mm	16	20	25	25
Overall length approx	mm	50	65	70	70
8060P	Each	18,90	23,90	34,10	47,90



FLAME-SHAPED

In tungsten carbide, ground cutting edges.

Shank Ø 6mm.

Cut 3=second cut.

Head Ø	mm	6	8	10	12	16
Head length	mm	16	20	20	25	25
Overall length approx	mm	50	65	65	70	70
8065E	Each	19,30	22,70	24,80	32,90	46,60



Product description as Art. 8065E

Cut 4=diamond

Head Ø	mm	6	8	10	12	16
Head length	mm	16	20	20	25	25
Overall length approx	mm	50	65	65	70	70
8065G	Each	22,30	26,20	29,70	38,30	53,90



Product description as Art. 8065E

TiAlN (HYPER) coating

Cut 4 = diamond

Head Ø	mm	6	8	10	12	16
Head length	mm	16	20	20	25	25
Overall length approx	mm	50	65	65	70	70
8065H	Each	26,00	32,10	37,80	49,40	70,30



Product description as Art. 8065E

Cut 5=smooth cut with chip breaker.

Head Ø	mm	6	8	10	12	16
Head length	mm	16	20	20	25	25
Overall length approx	mm	50	65	65	70	70
8065L	Each	18,50	23,60	24,80	32,90	46,30



Product description as Art. 8065E

Cut 7=alternate universal

Head Ø	mm	6	8	10	12	16
Head length	mm	16	20	20	25	25
Overall length approx	mm	50	65	65	70	70
8065P	Each	18,50	22,90	24,80	33,10	46,60



CONICAL-SHAPED WITH BALL TIP
In tungsten carbide, ground cutting edges.
Shank Ø 6mm.

Cut 1=thick

Head Ø	mm	10	12	16
Head length	mm	27	30	33
Overall length approx	mm	74	76	78
8070A	Each	46,60	46,20	92,10

Product description as Art. 8070A

Cut 3=second cut.

Head Ø	mm	6	8	10	12	16
Head length	mm	16	22	27	30	33
Overall length approx	mm	50	69	74	76	78
8070E	Each	19,40	25,10	30,10	37,50	63,30

Product description as Art. 8070A

Cut 4=diamond

Head Ø	mm	6	8	10	12	16
Head length	mm	16	22	27	30	33
Overall length approx	mm	50	69	74	76	78
8070G	Each	22,40	30,10	36,10	43,40	73,70

Product description as Art. 8070A

TiALN (HYPER) coating

Cut 4 = diamond

Head Ø	mm	6	8	10	12	16
Head length	mm	16	22	27	30	33
Overall length approx	mm	50	69	74	76	78
8070H	Each	26,20	35,80	44,20	54,50	90,20

Product description as Art. 8070A

Cut 5=smooth cut with chip breaker.

Head Ø	mm	6	8	10	12	16
Head length	mm	16	22	27	30	33
Overall length approx	mm	50	69	74	76	78
8070L	Each	19,20	25,10	30,10	37,30	63,30

Product description as Art. 8070A

Cut 7=alternate universal

Head Ø	mm	6	8	10	12	16
Head length	mm	16	22	27	30	33
Overall length approx	mm	50	69	74	76	78
8070P	Each	19,40	25,90	30,10	37,50	63,80

CONICAL-SHAPED

In tungsten carbide, ground cutting edges.
Shank Ø 6mm.

Cut 3=second cut.

Head Ø	mm	6	10	12	16
Head length	mm	15	16	25	25
Overall length approx	mm	50	63	70	73
8075E	Each	19,70	25,10	31,10	44,50

Product description as Art. 8075E

Cut 4=diamond

Head Ø	mm	6	10	12	16
Head length	mm	15	16	25	25
Overall length approx	mm	50	63	70	73
8075G	Each	22,70	28,70	37,20	53,30

Product description as Art. 8075E

TiALN (HYPER) coating

Cut 4 = diamond

Head Ø	mm	6	10	12	16
Head length	mm	15	16	25	25
Overall length approx	mm	50	63	70	73
8075H	Each	26,50	36,80	48,30	69,80

SCU HARTMETALL **8070A**



SCU HARTMETALL **8070E**



SCU HARTMETALL **8070G**



SCU HARTMETALL **8070H**



TiAlN

SCU HARTMETALL **8070L**



SCU HARTMETALL **8070P**



SCU HARTMETALL **8075E**



SCU HARTMETALL **8075G**



SCU HARTMETALL **8075H**



TiAlN



Product description as Art. 8075E
Cut 5=smooth cut with chip breaker.

Head Ø	mm	6	10	12	16
Head length	mm	15	16	25	25
Overall length approx	mm	50	63	70	73
8075L	Each	18,90	24,60	32,10	42,90



Product description as Art. 8075E
Cut 7=alternate universal

Head Ø	mm	6	10	12	16
Head length	mm	15	16	25	25
Overall length approx	mm	50	63	70	73
8075P	Each	19,70	24,60	30,80	44,50



CONICAL-SHAPED WITH 90° TIP
In tungsten carbide, ground cutting edges.
Shank Ø 6mm.
Cut 3=second cut.

Head Ø	mm	6	10	12	16
Head length	mm	3	5	6	8
Overall length approx	mm	50	52	53	57
8080E	Each	16,40	20,20	24,80	32,30



Product description as Art. 8080E
Cut 5=smooth cut with chip breaker.

Head Ø	mm	6	10	12	16
Head length	mm	3	5	6	8
Overall length approx	mm	50	52	53	57
8080L	Each	16,90	20,80	25,50	33,30



CONICAL-SHAPED WITH 60° TIP
In tungsten carbide, ground cutting edges.
Shank Ø 6mm.
Cut 3=second cut.

Head Ø	mm	6	10	12	16
Head length	mm	5	9	11	14,5
Overall length approx	mm	50	55	58	61
8085E	Each	16,30	20,20	24,80	32,40



Product description as Art. 8085E
Cut 5=smooth cut with chip breaker.

Head Ø	mm	6	10	12	16
Head length	mm	5	9	11	14,5
Overall length approx	mm	50	55	58	61
8085L	Each	16,80	20,80	25,50	33,30

ASSORTMENTS OF ROTARY GRINDING WHEELS



Orig. Erzett - Art. SORTIMENT 14
Assortments of rotary grinding wheels with shank Ø 3mm.
With 14 assorted grinding wheels Art. 7851 G.
The assortment on wooden support.

8100G	Each	35,50
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Orig. Erzett - Art. SORTIMENT 45

Assortments of 45 rotary grinding wheels with shank Ø 6mm.

The set contains: 1 grinding wheel for type of the following articles:

7861 G: 13x3 16x4 20x6 25x6 25x10 32x8 40x10

7855 G: 40x20 32x32 32x20 25x32 25x25 25x20 20x40 20x32 20x25 20x20 16x32 16x20 16x16

13x20 13x13 10x32 10x20 10x10 8x16 8x10 6x10 5x10 4x8 3x6

7859 G: 8x16 10x20 13x20 20x32

7860 G: 10 13 16 20 25 32

7856 G: 16x32 16x40 20x32 20x40

The assortment on wooden support.

8105G Each **148,00**



8105G



ASSORTMENTS OF ROTARY BURRS

Prod. SCU

Assortment of 6 HSS rotary burrs.

Cut 3=second-cut with chip-breaker

The set contains:

1 burr for type Art. 7992 B 6,12 - 7992 F 12 - 7992 P 12 - 7992 S 12 - 7992 V 12.

8116 Each **120,50**



8116



Assortment of 16 HSS rotary burrs.

Cut 3=second-cut with chip-breaker

The set contains: 1 burr for type Art. 7992 B 6,10,12,15 - 7992 F 6,10,15 - 7992 P 6,10,15 -

7992 S 6,10,15 - 7992 V 6,10,15.

The assortment on wooden support.

8117 Each **317,80**



8117



Assortment of 6 SOLID CARBIDE rotary burrs. Cut 3=second-cut

The set contains:

1 burr for type Art. 8041 E 10 - 8045 E 10 - 8050 E 10 - 8060 E 10 - 8070 E 10 - 8075 E 10.

The assortment on wooden support.

8119 Each **157,60**



8119



Assortment of 16 SOLID CARBIDE rotary burrs. Cut 3=second-cut

The set contains: 1 burr for type Art. 8041 E 6,10 - 8045 E 6,10 - 8050 E 6,10 -

8055 E 6,10 - 8060 E 6,10 - 8065 E 6,10 - 8070 E 6,10 - 8075 E 6,10.

The assortment on wooden support.

8121 Each **360,40**



8121





8125

SCU HARTMETALL



TiAlN

Assortment of No.6 SOLID CARBIDE rotary burrs, TiAlN (HYPER) coating.

Cut 4 = diamond

The set contains: No.1 burr for each type Art. 8037 H 10 - 8045 H 10 - 8050 H 10 - 8060 H 10 - 8065 H 10 - 8070 H 10.

Set supplied on wooden support.

8125 Each 236,60

DISPLAY UNITS FOR 100 BURRS

08128G

SCU



Prod. SCU

Empty display only, with 100 holes Ø 6mm. Sturdy holding structure, made of chrome-plated steel, with anodized advertising panels. Closed plexiglas boxes on wooden base.

Dimensions 350x320xh350 mm.

To be composed and customized with 100 burrs in HSS, SOLID CARBIDE or assorted

08128G Each 127,00

Only in case of full purchase of cutters, the display is not charged.

ASSORTMENTS OF ROTARY TOOLS

8134G

ERZETT



Orig. Erzett - Art. WK 10

26pcs set, in plastic case.

The set contains:

8 HSS rotary burrs

11 grinding wheels with shank

7 rotary brushes

Complete assortment.

8134G Each 413,00

CONVERTERS

8148A

SCU



Prod. SCU

In hardened steel.

Int Ø mm 3

Ext. Ø mm 6

Length mm 20

8148A Each 12,90

8148G

ERZETT



Orig. Erzett - Art. SP 6

In hardened steel.

Int Ø mm 3

Ext. Ø mm 6

Length mm 25

8148G Each 21,30

FLEXIBLE SHAFTS

8152G

SCU



Prod. SCU - BOSCH

Type to be used on fixed and portable drills and rotary motors.

For milling, deburring, cleaning, polishing and brushing.

Coated with synthetic material.

Length mm 1250

Drive Ø mm 6

Chuck opening mm 1-6

Max speed rev/min 3500

8152G Each 99,80



Prod. SCU

Professional type for high speed.
To be applied to fixed and portable machine drills and rotary motors.
For milling, deburring, cleaning, polishing and brushing.

Length	mm	1300
Drive Ø	mm	6
Chuck opening	mm	1-6
Max speed	rev/min	15000

8154G	Each	269,00
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8154G
new

GRINDING PASTES

Orig. Erzett

Silicon carbide.
Suitable for polishing already sanded and hard metal surfaces.
Comes in 250 g containers.

Grain		120	180	320
Type		medium	fine	very fine
Granules dimensions	µm	88-125	55-88	20-40

8155G	Each	24,20	24,20	24,20
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8155G

MICRO PRECISION DRILLS FOR METALS, RIGHT-HAND ROTATION

Orig. Hartner - Art. 87011

DIN 1899. Type N. COBALT HSS-E. Cutting angle 118°.
Cylindrical shank Ø 1mm for drills up to 0.79mm
Ø 1.5mm for drills up to 0.8mm. Tolerance: -0.004mm.
Total length 25mm.



8300G



Ø	mm	0,15	0,16	0,17	0,18	0,19	0,2	0,21	0,22	0,23	0,24	0,25	0,26	0,27	0,28	0,29	0,3
Useful length	mm	1	1,4	1,4	1,4	1,4	1,8	1,8	1,8	1,8	1,8	2,2	2,2	2,2	2,2	2,2	2,2
Helix length	mm	0,8	1,1	1,1	1,1	1,1	1,5	1,5	1,5	1,5	1,5	1,9	1,9	1,9	1,9	1,9	1,9
8300G	Each	13,10	12,10	12,20	11,20	11,40	10,30	10,80	10,80	10,80	10,80	9,34	8,86	8,78	8,70	8,70	8,70
Ø	mm	0,31	0,32	0,33	0,34	0,35	0,36	0,37	0,38	0,39	0,4	0,41*	0,42	0,43	0,44	0,45	0,46*
Useful length	mm	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Helix length	mm	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	3	3	3	3	3	3	3	3
8300G	Each	8,34	8,34	8,34	8,34	7,68	8,34	8,34	8,34	8,16	6,68	7,74	8,16	8,16	8,60	7,34	7,22
Ø	mm	0,47	0,48	0,49	0,5	0,51	0,52	0,53*	0,54	0,55	0,56	0,57	0,58	0,6	0,61	0,63	0,64
Useful length	mm	3,6	3,6	4	4	4	4	4	4,5	4,5	4,5	4,5	4,5	4,5	5	5	5
Helix length	mm	3	3	3,4	3,4	3,4	3,4	3,4	3,9	3,9	3,9	3,9	3,9	3,9	4,2	4,2	4,2
8300G	Each	7,86	8,00	7,60	6,34	7,16	8,00	7,52	7,60	6,90	8,00	7,34	7,26	6,24	6,68	7,34	6,68
Ø	mm	0,65	0,66*	0,68	0,69	0,7	0,71	0,72	0,73	0,74	0,75	0,76*	0,77	0,78*	0,79	0,8	0,85
Useful length	mm	5	5	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	6,3	6,3	6,3	6,3	6,3	
Helix length	mm	4,2	4,2	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	5,3	5,3	5,3	5,3	5,3	
8300G	Each	6,68	6,42	7,34	7,34	6,08	7,00	6,68	7,34	6,68	7,00	7,40	7,34	7,40	7,00	6,24	6,90
Ø	mm	0,9	0,95	1	1,05	1,1	1,15	1,2	1,25	1,3	1,4	1,45	1,5				
Useful length	mm	7,1	7,1	8	8	9	9	10	10	10	11,2	11,2	12,5				
Helix length	mm	6	6	6,8	6,8	7,6	7,6	8,5	8,5	8,5	9,5	9,5	9,5				
8300G	Each	6,24	7,26	6,24	7,34	7,00	7,34	6,68	7,34	7,00	6,90	7,60	9,34				

Packing unit: 10 pieces. - * Sizes running out of stock.

DRILLS FOR METALS, RIGHT AND LEFT-HAND ROTATION

Orig. Hartner - Art. 81110

For steel up to R 900 N/sqmm DIN 1897. Type N. HSS. Cutting angle 118°.
EXTRA-SHORT pattern.
For automatic machines. Cylindrical shank.
RIGHT-HAND rotation.



8305G



Ø	mm	1	1,1	1,2	1,25	1,3	1,4	1,5	1,6	1,7	1,75	1,8	1,9	2	2,1	2,2
Overall length	mm	26	28	30	30	30	32	32	34	34	36	36	36	38	38	40
Helix length	mm	6	7	8	8	8	9	9	10	10	11	11	11	12	12	13
8305G	Each	3,26	3,90	3,90	6,30	3,86	3,50	2,86	3,26	3,54	6,58	3,82	3,26	2,10	3,40	3,04
Ø	mm	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7
Overall length	mm	40	43	43	43	46	46	46	46	49	49	49	52	52	52	52
Helix length	mm	13	14	14	14	16	16	16	16	18	18	18	20	20	20	20
8305G	Each	3,26	3,54	2,40	3,26	3,54	3,26	3,54	2,40	3,14	3,04	3,14	3,94	2,86	3,94	3,94
Ø	mm	3,8	3,9	4	4,1	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2*
Overall length	mm	55	55	55	55	58	58	58	58	58	58	62	62	62	62	62
Helix length	mm	22	22	22	22	24	24	24	24	24	24	26	26	26	26	26
8305G	Each	4,36	4,36	2,86	3,46	3,40	5,36	5,94	3,50	6,12	6,12	5,54	5,54	3,64	5,54	5,28

FOLLOW >

1175



Ø	mm	5,3	5,4	5,5	5,6	5,7	5,8	5,9	6	6,25	6,5	6,75	7	7,25*	7,5	7,75
Overall length	mm	62	66	66	66	66	66	66	66	70	70	74	74	74	74	79
Helix length	mm	26	28	28	28	28	28	28	28	31	31	34	34	34	34	37
8305G	Each	5,54	6,30	4,82	7,08	6,48	7,08	4,82	9,98	5,76	9,62	6,94	11,90	7,90	16,10	
Ø	mm	8	8,25*	8,5	8,75	9	9,25	9,5	9,75	10	10,5	10,75	11	11,5	12	12,5
Overall length	mm	79	79	79	84	84	84	84	89	89	89	95	95	102	102	102
Helix length	mm	37	37	37	40	40	40	40	43	43	43	47	47	47	51	51
8305G	Each	7,90	17,60	11,50	20,40	10,60	25,30	17,60	29,60	12,70	23,30	45,60	23,30	25,30	30,10	31,10
Ø	mm	13	13,5	14	15	16	17	18	19	20						
Overall length	mm	102	107	107	111	115	119	123	127	131						
Helix length	mm	51	54	54	56	58	60	62	64	66						
8305G	Each	31,50	36,40	37,30	40,20	45,10	55,20	57,10	65,90	71,60						

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.

8306G



USO SINISTRO



HSS

Orig. Hartner - Art. 81115
Product description as Art. 8305G
LEFT-HAND rotation.

Ø	mm	1	1,1*	1,2*	1,25*	1,3*	1,4*	1,5	1,6	1,7*	1,75*	1,8*	1,9	2	2,2	2,3*	2,4
Overall length	mm	26	28	30	30	30	32	32	34	34	36	36	36	38	40	40	43
Helix length	mm	6	7	8	8	8	9	9	10	10	11	11	11	12	13	13	14
8306G	Each	6,82	4,80	4,80	10,50	4,80	4,80	6,68	7,52	6,76	5,54	7,48	7,78	5,06	6,82	4,02	7,00
Ø	mm	2,5	2,6	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	4	4,1	4,2
Overall length	mm	43	43	46	46	46	49	49	49	52	52	52	55	55	55	55	55
Helix length	mm	14	14	16	16	16	18	18	18	20	20	20	22	22	22	22	22
8306G	Each	5,82	7,34	7,34	7,78	4,98	7,78	6,82	7,08	8,96	7,00	8,16	8,52	8,16	7,08	7,78	7,34
Ø	mm	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2	5,3	5,4	5,5	5,6	5,8	5,9
Overall length	mm	58	58	58	58	58	62	62	62	62	62	62	66	66	66	66	66
Helix length	mm	24	24	24	24	24	26	26	26	26	26	26	28	28	28	28	28
8306G	Each	10,30	11,70	7,08	11,40	10,60	10,60	9,62	8,52	11,70	11,70	11,70	12,20	10,30	12,70	12,40	12,90
Ø	mm	6	6,5	6,75*	7	7,25*	7,5*	7,75	8	8,75	9,25	9,5	9,75	10	10,25*	10,5	10,75*
Overall length	mm	66	70	74	74	74	74	79	79	84	84	84	89	89	89	89	95
Helix length	mm	28	31	34	34	34	34	37	37	40	40	40	43	43	43	43	47
8306G	Each	11,40	12,20	25,40	11,70	25,60	15,10	48,50	14,80	46,20	44,30	26,10	60,60	21,00	28,70	39,20	49,10
Ø	mm	11*	11,5	12	12,5	13	13,5*	14	15	16	17	18	19				
Overall length	mm	95	95	102	102	102	107	107	111	115	119	123	127				
Helix length	mm	47	47	51	51	51	54	54	56	58	60	62	64				
8306G	Each	34,80	41,50	39,20	52,20	55,90	46,30	58,70	56,90	61,50	79,30	86,70	86,70				

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.

STUB DRILLS, RIGHT HAND CUTTING

8308G



HSS

Orig. Hartner - Art. 81140
DIN 1897. Type FN. HSS. Cutting angle 130°. EXTRA-SHORT pattern.
Sharpening according to DIN 1412, form A.
Nitrited surface, polished slots. For automatic machines.
For steel up to R 900 N/sqmm, brass, bronze, aluminium and aluminium alloys.
Cylindrical shank.

Ø	mm	2,1	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5		
Overall length	mm	38	40	43	43	43	46	46	46	46	49	49	49	52	52		
Helix length	mm	12	13	14	14	14	16	16	16	16	18	18	18	20	20		
8308G	Each	8,64	8,96	8,64	5,84	7,66	9,06	9,74	9,84	6,14	9,84	7,76	6,26	10,70	7,24		
Ø	mm	3,6*	3,7*	3,8*	4	4,1	4,2	4,3	4,5	4,6	5	5,1	5,2	5,3	5,5		
Overall length	mm	52	52	55	55	55	55	58	58	58	62	62	62	62	66		
Helix length	mm	20	20	22	22	22	22	24	24	24	26	26	26	26	28		
8308G	Each	6,88	8,60	7,36	7,76	12,10	7,96	10,10	8,54	12,60	8,76	14,10	15,50	14,90	11,90		
Ø	mm	5,8	6	6,1	7	7,1	7,3*	7,5*	7,9*	8	8,1	8,3*	8,4*	8,5*	9		
Overall length	mm	66	66	70	74	74	74	74	79	79	79	79	79	79	84		
Helix length	mm	28	28	31	34	34	34	34	37	37	37	37	37	37	40		
8308G	Each	17,40	10,70	13,80	14,10	27,80	22,20	11,10	19,90	15,50	23,90	29,80	29,80	18,20	18,40		
Ø	mm	9,2	9,5	9,6	9,7	9,8*	10,5	11,5*	12*	12,5*	13*						
Overall length	mm	84	84	89	89	89	89	95	102	102	102						
Helix length	mm	40	40	43	43	43	43	47	51	51	51						
8308G	Each	41,70	26,20	43,40	40,70	35,10	35,50	49,90	33,20	45,10	49,90						

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.

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STUB DRILLS FOR BRASS, BRONZE AN SYNTHETIC MATERIALS, RIGHT-HAND ROTATION

Orig. Hartner - Art. 81120



8310G

DIN 1897. Type H. HSS. Cutting angle 118°. EXTRA-SHORT pattern.
Sharpening according to DIN 1414, type H. Polished surface. Wide and deep slots.
For automatic machines. For short-chip hard materials, brass, bronze, phosphore, magnesium alloys, bakelite, slate, plexiglas.
Cylindrical shank.



HSS

Ø	mm	2	2,4	2,5	2,6	2,7	2,8	2,9*	3	3,1*	3,2	3,3*	3,4	3,5	3,7	3,8	3,9
Overall length	mm	38	43	43	43	46	46	46	46	49	49	49	52	52	52	55	55
Helix length	mm	12	14	14	14	16	16	16	16	18	18	18	20	20	20	22	22
8310G	Each	6,26	8,28	6,06	7,52	8,98	9,08	5,34	6,44	8,72	7,34	8,24	9,08	7,02	9,64	9,46	10,50
Ø	mm	4	4,1	4,2	4,3*	4,4	4,5	4,6*	4,7	4,8	5	5,2	5,3	5,4	5,5	5,6	5,7
Overall length	mm	55	55	55	58	58	58	58	58	62	62	62	62	66	66	66	66
Helix length	mm	22	22	22	24	24	24	24	24	26	26	26	26	28	28	28	28
8310G	Each	7,52	9,98	9,18	9,12	10,60	9,08	10,50	9,98	9,98	8,60	12,20	12,20	14,20	11,30	14,90	15,50
Ø	mm	5,8	5,9*	6	6,5	7	8	8,5	9	9,5	10	11	12	13			
Overall length	mm	66	66	66	70	74	79	79	84	84	89	95	102	102			
Helix length	mm	28	28	28	31	34	37	37	40	40	43	47	51	51			
8310G	Each	15,40	9,00	10,80	14,90	14,40	16,10	19,70	18,70	27,20	19,70	40,70	42,60	52,20			

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.

DRILLS FOR ALUMINIUM AND COPPER, RIGHT-HAND ROTATION

Orig. Hartner - Art. 81130



8311G

DIN 1897. Type W. HSS. Cutting angle 130°. EXTRA-SHORT pattern.
For aluminium, copper and relevant alloys.
Cylindrical shank.



HSS

Ø	mm	2	2,5	3	3,2	3,5	4	4,5	5	6
Overall length	mm	38	43	46	49	52	55	58	62	66
Helix length	mm	12	14	16	18	20	22	24	26	28
8311G	Each	6,44	6,06	6,92	8,60	7,62	8,90	7,62	9,54	13,70
Ø	mm	6,5	8,5	9*	9,5	10	11*	12	13*	
Overall length	mm	70	79	84	84	89	95	102	102	
Helix length	mm	31	37	40	40	43	47	51	51	
8311G	Each	13,50	18,60	20,70	20,60	22,70	37,40	51,20	50,80	

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.

STUB DRILLS, RIGHT HAND CUTTING

Orig. Hartner - Art. 81171



8312G

DIN 1897. Type V. COBALT HSS-E. Cutting angle 130°. EXTRA-SHORT pattern.
For steel with R higher than 900 N/sqmm and spring steel.
Cylindrical shank.



HSS-E

Ø	mm	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2	2,3	2,4	2,5
Overall length	mm	28	30	30	32	32	34	34	36	36	38	38	40	40	43	43
Helix length	mm	6	8	8	9	9	10	10	11	11	12	12	13	13	14	14
8312G	Each	6,16	6,24	5,90	5,90	5,42	5,34	5,24	5,82	5,34	4,64	5,72	5,82	5,56	5,90	5,06
Ø	mm	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	4	4,1
Overall length	mm	43	46	46	46	46	49	49	49	52	52	52	52	55	55	55
Helix length	mm	14	16	16	16	16	18	18	18	20	20	20	20	22	22	22
8312G	Each	5,90	6,68	6,68	7,34	5,34	6,68	5,90	6,24	6,90	6,34	6,24	7,68	6,68	6,52	6,90
Ø	mm	4,2	4,3	4,4	4,5	4,8	4,9	5	5,1	5,2	5,3	5,4	5,5	5,6	5,7	5,8
Overall length	mm	55	58	58	58	62	62	62	62	62	66	66	66	66	66	66
Helix length	mm	22	24	24	24	26	26	26	26	26	26	28	28	28	28	28
8312G	Each	6,68	7,42	9,34	7,00	8,44	10,30	7,52	11,10	13,40	13,20	18,30	9,62	18,30	17,50	18,50
Ø	mm	5,9	6	6,1	6,2	6,3	6,4	6,5	6,6	6,7	6,8	6,9*	7	7,1	7,2	7,3*
Overall length	mm	66	66	70	70	70	70	70	70	70	74	74	74	74	74	74
Helix length	mm	28	28	31	31	31	31	31	31	31	34	34	34	34	34	34
8312G	Each	19,20	9,62	18,70	21,00	22,40	20,50	11,80	23,80	25,20	24,80	24,10	12,80	26,60	28,90	26,30
Ø	mm	7,4	7,5	7,6	7,7	7,8	7,9	8	8,1	8,2	8,3*	8,4	8,5	8,6	8,7	8,8
Overall length	mm	74	74	79	79	79	79	79	79	79	79	79	79	84	84	84
Helix length	mm	34	34	37	37	37	37	37	37	37	37	37	37	40	40	40
8312G	Each	28,90	18,70	30,80	31,30	31,30	36,80	13,70	34,50	33,10	41,10	40,10	17,80	36,80	43,30	43,30
Ø	mm	8,9	9	9,1	9,2	9,3	9,4*	9,5	9,6	9,7	9,8	9,9*	10	10,5	11	11,5
Overall length	mm	84	84	84	84	84	84	84	89	89	89	89	89	89	95	95
Helix length	mm	40	40	40	40	40	40	40	43	43	43	43	43	43	47	47
8312G	Each	50,40	17,90	48,50	46,60	53,20	49,90	19,60	52,20	49,40	48,50	57,10	22,40	42,90	42,10	53,20
Ø	mm	12	12,5	13	14	15										
Overall length	mm	102	102	102	107	111										
Helix length	mm	51	51	51	54	56										
8312G	Each	55,10	58,70	62,40	68,90	81,10										

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.



DRILLS FOR STAINLESS STEEL AND ALLOYS, RIGHT-HAND ROTATION

8315G



INOX

Orig. Hartner - Art. 81173

DIN 1897, Inox-Drill. COBALT HSS-E.

Cutting angle 130°.

EXTRA-SHORT pattern.

Particular drill geometry with special spiral flute and web shape for easier chip ejection.

For stainless steel V2A and V4A, Titanium, Aluminium and some copper alloys.

Cylindrical shank.



HSS-E

Ø	mm	1	1,1	1,3	1,4	1,5	1,6	1,7*	1,8	1,9*	2	2,1	2,2	2,3	2,4	2,5
Overall length	mm	26	28	30	32	32	34	34	36	36	38	38	40	40	43	43
Helix length	mm	6	7	8	9	9	10	10	11	11	12	12	13	13	14	14
8315G	Each	12,30	10,20	11,80	10,90	11,10	10,60	9,40	8,98	7,44	8,00	11,40	11,10	11,10	11,70	8,60
Ø	mm	2,6	2,7	2,8	2,9*	3	3,2	3,3	3,4	3,5	3,6	3,8	3,9*	4	4,1	4,2
Overall length	mm	43	46	46	46	46	49	49	52	52	52	55	55	55	55	55
Helix length	mm	14	16	16	16	16	18	18	20	20	20	22	22	22	22	22
8315G	Each	11,70	15,60	11,80	11,70	11,10	11,70	12,90	12,40	12,30	16,30	11,80	11,80	10,90	13,90	13,70
Ø	mm	4,3	4,4*	4,5	4,6*	4,8	4,9	5	5,1	5,2	5,3*	5,5	5,6*	5,7*	5,8	5,9
Overall length	mm	58	58	58	58	62	62	62	62	62	62	66	66	66	66	66
Helix length	mm	24	24	24	24	26	26	26	26	26	26	28	28	28	28	28
8315G	Each	13,10	9,88	11,80	13,60	14,10	17,10	13,20	20,10	24,60	24,10	19,60	27,80	24,70	33,70	34,60
Ø	mm	6	6,1	6,2*	6,3	6,4*	6,5	6,6	6,7	6,8	6,9	7	7,1	7,2*	7,4	7,5
Overall length	mm	66	70	70	70	70	70	70	70	74	74	74	74	74	74	74
Helix length	mm	28	31	31	31	31	31	31	31	34	34	34	34	34	34	34
8315G	Each	17,50	36,70	22,30	40,70	24,50	20,10	43,20	40,70	40,70	37,70	26,20	47,70	28,40	49,70	27,20
Ø	mm	7,6	7,7*	7,8	7,9	8	8,1	8,2*	8,3*	8,4*	8,5	8,7	8,8*	9	9,2	9,3*
Overall length	mm	79	79	79	79	79	79	79	79	79	79	84	84	84	84	84
Helix length	mm	37	37	37	37	37	37	37	37	37	37	40	40	40	40	40
8315G	Each	46,60	32,80	56,20	76,30	23,60	50,20	48,90	40,10	41,10	30,20	73,30	45,10	36,70	70,20	52,20
Ø	mm	9,4*	9,5	9,6*	9,8*	10	10,2	10,5	10,6*	11,5						
Overall length	mm	84	84	89	89	89	89	89	89	95						
Helix length	mm	40	40	43	43	43	43	43	43	47						
8315G	Each	68,30	39,60	52,20	53,90	37,70	72,30	71,30	83,30	95,40						

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.

STUB DRILLS, RIGHT HAND CUTTING

8325G



TIN

HSS

Orig. Hartner - Art. 84400

DIN 1897. Type N. HSS+TIN. Cutting angle 118°.

EXTRA-SHORT pattern.

Sharpening according to DIN 1414, Form N.

For alloy steel up to R 900 N/sqmm, cast iron, spheroidal cast iron, aluminium and short-chip aluminium alloys, bronze and electrolytic copper.

Cylindrical shank. TIN treatment.



Ø	mm	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	7,5	8	8,5	9	9,5
Overall length	mm	38	43	46	52	55	58	62	66	66	70	74	74	79	79	84	84
Helix length	mm	12	14	16	20	22	24	26	28	28	31	34	34	37	37	40	40
8325G	Each	10,20	10,80	10,80	11,20	11,20	11,70	12,20	13,60	13,60	23,70	25,30	28,00	26,40	30,70	29,60	37,70
Ø	mm	10	10,5	11	11,5	12	13	13,5	14	14,5	15	16	17	17,5	18	20	
Overall length	mm	89	89	95	95	102	102	107	107	111	111	115	119	123	123	131	
Helix length	mm	43	43	47	47	51	51	54	54	56	56	58	60	62	62	66	
8325G	Each	32,80	48,40	45,70	52,70	53,70	56,10	72,10	62,40	67,70	70,10	76,40	88,20	92,50	87,10	103,00	

Up to Ø 7.5mm in 10pcs packing units.

8326G



TIN

HSS-E

Orig. Hartner - Art. 84805

Spiral flute length according to DIN 1897. Type FU 500, self-centering. COBALT HSS-E+TIN.

Cutting angle 118°. EXTRA-SHORT pattern.

Particular 4 facet grinding and special web thinning for low torque, higher drilling parameters and good finishing of the hole surface.

For alloy and unalloyed steel up to R 850 N/sqmm, steel for hot/cold working, bearing steel, stainless steel, non-ferrous metals, cast iron and plastic materials.

Cylindrical shank according to DIN 1835A. TIN treatment.



Ø	mm	2	2,5	3	3,3	4	4,2	4,5*	5	5,5	6	6,5	6,8	7	7,5	8
Overall length	mm	44	46	48	50	54	66	68	70	72	72	75	78	78	78	81
Helix length	mm	12	14	16	18	22	22	24	26	28	28	31	34	34	34	37
Drive Ø	mm	3	3	3	4	4	6	6	6	6	6	8	8	8	8	8
Drive length	mm	28	28	28	28	28	36	36	36	36	36	36	36	36	36	36
8326G	Each	16,30	18,30	18,30	21,60	24,10	26,70	25,50	35,60	35,60	38,70	45,10	46,60	46,60	49,70	50,40
Ø	mm	8,5	9*	9,5	10	10,2	10,5	11*	12	14	15*	17	18*	19*	20*	
Overall length	mm	87	91	91	93	100	100	104	108	114	116	126	128	130	132	
Helix length	mm	37	40	40	43	43	43	47	51	54	56	60	62	64	66	
Drive Ø	mm	10	10	10	10	12	12	12	12	16	16	20	20	20	20	
Drive length	mm	40	40	40	40	45	45	45	45	48	48	50	50	50	50	
8326G	Each	56,10	56,50	64,70	68,70	83,50	83,50	87,40	108,00	199,00	219,00	261,00	270,00	308,00	317,00	

* Sizes running out of stock.



Orig. Hartner - Art. 84511

DIN 1897. Type FN 500. COBALT HSS-E + FIRE.

Cutting angle 130°.EXTRA-SHORT pattern.

High-performance drills, excellent heat resistance, wide slots.

Produced by using the powder-sintering technique (PM), such drills combine the advantages of conventional Cobalt HSS-E and solid carbid drills, resulting cheaper and less subject to breakage. FIRE-coated surface, for high-speed working, dry working, or when using nebulized lubrication-cooler.

For high-percentage alloy steel, quenched and tempered steel and case hardening steel, cast iron, brass and bronze.

Cylindrical shank. FIRE treatment.

Ø	mm	2	2,5	3	3,3	3,5	4	4,2	4,5	5	5,5	6	6,5	6,8
Overall length	mm	38	43	46	49	52	55	55	58	62	66	66	70	74
Helix length	mm	12	14	16	18	20	22	22	24	26	28	28	31	34
8328G	Each	18,90	20,70	24,90	24,10	22,70	22,10	22,30	21,30	24,10	26,90	27,20	29,30	56,10
Ø	mm	7	7,5	8	8,5	9	9,5	10	10,2	10,5	11	11,5	12	13
Overall length	mm	74	74	79	79	84	84	89	89	89	95	95	102	102
Helix length	mm	34	34	37	37	40	40	43	43	43	47	47	51	51
8328G	Each	45,10	46,60	49,10	51,20	57,70	73,30	65,50	96,20	93,10	99,30	105,00	112,00	122,00



CARBIDE TIPPED TWIST DRILLS, RIGHT-HAND ROTATION

Prod. SCU - Art. 89303

DIN 8038. HSS body, SOLID CARBIDE cutting edges.

Cutting angle 85°.EXTRA-SHORT pattern.

For static machines. For drilling high-resistance synthetic materials.

Cylindrical shank.

Ø	mm	4	4,5	5	5,5	6	6,5	7
Overall length	mm	56	63	63	71	71	71	80
Helix length	mm	25	28	28	30	30	32	40
8330G	Each	26,90	26,60	34,70	39,70	34,50	29,40	25,20
Ø	mm	7,5	9	9,5	10			
Overall length	mm	80	90	90	100			
Helix length	mm	40	50	50	56			
8330G	Each	26,60	36,20	44,30	47,20			



Product running out of stock.

Prod. SCU - Art. 89301

DIN 8037. HSS body, SOLID CARBIDE cutting edges.

Cutting angle 118°.EXTRA-SHORT pattern.

For static machines. For drilling high-resistance cast iron and steel, pure molybdenum and soft metal alloys.

Cylindrical shank.

Ø	mm	3	3,1	3,2	3,3	3,5	3,6*	3,7	3,8*	3,9*	4	4,2	4,4*	4,5	4,7*	4,8
Overall length	mm	50	56	56	56	56	56	56	56	56	56	63	63	63	63	63
Helix length	mm	20	25	25	25	25	25	25	25	25	25	28	28	28	28	28
8331G	Each	23,10	38,10	32,70	32,70	23,80	20,30	33,40	27,40	35,20	20,40	25,20	29,30	21,40	25,10	26,10
Ø	mm	4,9*	5	5,1*	5,2	5,3*	5,4*	5,5	5,6*	5,7*	5,9*	6	6,1*	6,3	6,4*	6,5
Overall length	mm	63	63	71	71	71	71	71	71	71	71	71	71	71	71	71
Helix length	mm	28	28	30	30	30	30	30	30	30	30	30	30	30	30	32
8331G	Each	31,90	21,10	31,90	33,40	35,20	36,50	23,80	22,50	21,60	20,50	22,60	32,80	36,90	30,60	23,70
Ø	mm	6,6*	6,7	6,8	6,9*	7	7,2	7,3*	7,4	7,5	7,6*	7,7	7,8*	7,9*	8	8,2
Overall length	mm	80	80	80	80	80	80	80	80	80	80	80	80	80	80	90
Helix length	mm	40	40	40	40	40	40	40	40	40	40	40	40	40	40	50
8331G	Each	23,90	34,10	32,10	31,10	24,90	40,20	30,30	33,40	29,30	27,20	33,40	38,40	30,30	26,40	43,60
Ø	mm	8,5	9	9,5	10	10,5	11	11,5	12	12,5	13	14	14,5	16	16,5	18
Overall length	mm	90	90	90	100	100	100	112	112	112	112	125	125	140	140	160
Helix length	mm	50	50	50	56	56	56	63	63	63	63	71	71	80	80	90
8331G	Each	32,10	29,30	39,50	36,20	47,70	40,20	64,70	42,30	64,10	57,20	66,70	108,00	91,20	128,00	137,00
Ø	mm	18,5	19,5	20												
Overall length	mm	160	160	160												
Helix length	mm	90	90	90												
8331G	Each	164,00	218,00	188,00												



* Sizes running out of stock.



SOLID CARBIDE TWIST DRILLS, K 10/20, RIGHT-HAND ROTATION

8334G



Orig. Hartner - Art. 89246

DIN 6540. Type NR, two cutting edges. Cutting angle 130°. EXTRA-SHORT pattern. For static and CNC machines. For high-resistance synthetic materials.

Cylindrical shank.



HARTMETALL

Ø	mm	0,5	0,8	0,9*	1	1,1*	1,2	1,3*	1,4*
Overall length	mm	30	30	30	30	30	30	30	30
Helix length	mm	5,5	8,5	9,5	11	11	13	13	13
8334G	Each	12,40	12,50	12,50	10,30	7,58	12,50	7,58	10,80
Ø	mm	1,6*	1,7	1,8*	1,9*	2	3	4	5,5*
Overall length	mm	40	40	40	40	40	45	50	50
Helix length	mm	17,5	17,5	17,5	17,5	17,5	20	22	25
8334G	Each	8,28	12,40	8,28	8,28	10,60	17,10	30,10	34,40

* Sizes running out of stock.

8335G



Prod. SCU - Orig. M.D. DRILLS - Art. 13891/89235

DIN 6539. Type N, two cutting edges. Cutting angle 120°. EXTRA-SHORT pattern.

For static and CNC machines. For high-resistance alloy steel, high-resistance stainless steel, abrasive materials and cast iron. Shorter working times for usable high-speed, cost reduction and longer drill life. Better finishing to allow - in some cases - hole boring to be removed.

Cylindrical shank.



HARTMETALL

Ø	mm	0,8	0,9	1	1,1	1,2	1,3	1,4	1,5	1,6	1,8	1,9	2	2,2	2,3	2,4	2,5	2,6
Overall length	mm	24	25	26	28	30	30	32	32	34	36	36	38	40	40	43	43	43
Helix length	mm	5	5,5	6	7	8	8	9	9	10	11	11	12	13	13	14	14	14
8335G	Each	4,96	4,96	4,82	4,96	5,16	5,16	5,22	5,16	5,22	5,30	5,30	5,02	5,02	5,02	5,02	5,02	5,02
Ø	mm	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4	4,1	4,2	4,3
Overall length	mm	46	46	46	46	49	49	49	52	52	52	52	55	55	55	55	55	58
Helix length	mm	16	16	16	16	18	18	18	20	20	20	20	22	22	22	22	22	24
8335G	Each	7,34	7,34	7,34	7,34	7,34	7,34	7,34	7,74	7,74	8,42	8,42	9,24	9,24	9,24	10,10	10,10	10,10
Ø	mm	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2	5,3	5,4	5,5	5,7	5,8	6	6,1	6,2
Overall length	mm	58	58	58	58	62	62	62	62	62	66	66	66	66	66	66	70	70
Helix length	mm	24	24	24	24	26	26	26	26	26	26	28	28	28	28	28	31	31
8335G	Each	10,10	10,10	10,10	10,80	10,80	10,80	10,80	18,40	13,90	13,90	13,90	13,90	15,50	14,70	14,70	18,60	18,60
Ø	mm	6,3	6,4	6,5	6,6	6,7	6,8	7	7,1	7,2	7,3	7,5	7,6*	7,7*	7,8	8	8,1*	8,5
Overall length	mm	70	70	70	70	74	74	74	74	74	74	79	79	79	79	79	79	79
Helix length	mm	31	31	31	31	31	34	34	34	34	34	34	37	37	37	37	37	37
8335G	Each	17,70	31,20	18,50	23,10	23,40	23,10	22,30	29,90	29,90	32,60	26,10	40,30	41,10	34,60	29,90	45,20	36,70
Ø	mm	8,6	8,7	8,8	9	9,1	9,3	9,5	9,6	9,8*	9,9	10	10,5	11	11,5	12		
Overall length	mm	84	84	84	84	84	84	84	89	89	89	89	89	95	95	102		
Helix length	mm	40	40	40	40	40	40	40	43	43	43	43	43	47	47	51		
8335G	Each	56,30	39,40	40,10	38,70	45,50	40,70	41,40	48,20	57,60	50,20	44,80	51,60	57,10	65,20	65,20		

* Sizes running out of stock.

DRILLS FOR METALS, RIGHT AND LEFT-HAND ROTATION

8400G



HSS

Orig. Hartner - Art. 81010

DIN 338. Type N. HSS. Cutting angle 118°. SHORT pattern.

Cylindrical shank.

RIGHT-HAND rotation.

Ø	mm	0,2	0,25	0,3	0,35	0,4	0,45	0,5	0,55	0,6	0,65	0,7	0,75	0,8	0,85	0,9	0,95
Overall length	mm	19	19	19	19	20	20	22	24	24	26	28	28	30	30	32	32
Helix length	mm	2,5	3	3	4	5	5	6	7	7	8	9	9	10	10	11	11
8400G	Each	6,96	6,96	5,06	5,14	4,34	5,06	3,32	5,76	3,32	5,38	3,02	3,60	2,90	3,44	2,66	3,28
Ø	mm	1	1,1	1,2	1,25	1,3	1,4	1,45	1,5	1,6	1,7	1,75	1,8	1,9	2	2,05	2,1
Overall length	mm	34	36	38	38	38	40	40	40	43	43	46	46	46	49	49	49
Helix length	mm	12	14	16	16	16	18	18	18	20	20	22	22	22	24	24	24
8400G	Each	2,64	2,60	2,64	3,02	2,56	2,44	2,90	2,20	2,16	2,16	2,52	1,98	2,02	1,58	2,20	1,94
Ø	mm	2,15	2,2	2,25	2,3	2,4	2,5	2,6	2,65	2,7	2,75	2,8	2,85	2,9	3	3,1	3,15
Overall length	mm	53	53	53	53	57	57	57	57	61	61	61	61	61	61	65	65
Helix length	mm	27	27	27	27	30	30	30	30	33	33	33	33	33	33	36	36
8400G	Each	2,66	2,02	2,56	2,06	2,02	2,02	2,16	3,72	2,16	2,90	2,16	3,72	2,16	1,82	2,28	2,82
Ø	mm	3,2	3,25	3,3	3,4	3,5	3,6	3,65	3,7	3,75	3,8	3,9	4	4,1	4,2	4,25	4,3
Overall length	mm	65	65	65	70	70	70	70	70	75	75	75	75	75	75	80	80
Helix length	mm	36	36	36	39	39	39	39	39	43	43	43	43	43	43	47	47
8400G	Each	2,28	2,56	2,28	2,28	2,02	2,52	3,28	2,60	3,48	2,64	2,78	2,16	3,02	2,60	3,40	3,02
Ø	mm	4,4	4,5	4,6	4,7	4,75	4,8	4,9	5	5,1	5,2	5,25	5,3	5,4	5,5	5,6	5,7
Overall length	mm	80	80	80	80	80	86	86	86	86	86	86	86	93	93	93	93
Helix length	mm	47	47	47	47	47	52	52	52	52	52	52	52	57	57	57	57
8400G	Each	3,02	2,66	3,10	3,18	5,30	3,10	3,32	2,64	3,32	3,36	5,30	3,40	4,02	3,72	4,10	4,10



Ø	mm	5,75	5,8	5,9	6	6,1	6,2	6,25	6,3	6,4	6,5	6,6	6,7	6,75	6,8	6,9	7
Overall length	mm	93	93	93	93	101	101	101	101	101	101	101	101	109	109	109	109
Helix length	mm	57	57	57	57	63	63	63	63	63	63	63	63	69	69	69	69
8400G	Each	7,22	4,10	4,34	3,72	4,64	4,64	7,54	4,72	5,06	4,56	5,06	5,22	6,10	6,10	6,10	5,52
Ø	mm	7,1	7,2	7,25	7,3	7,4	7,5	7,6	7,7	7,75	7,8	7,9	8	8,1	8,2	8,25	8,3
Overall length	mm	109	109	109	109	109	109	117	117	117	117	117	117	117	117	117	117
Helix length	mm	69	69	69	69	69	69	75	75	75	75	75	75	75	75	75	75
8400G	Each	6,50	6,64	11,10	6,72	6,96	6,10	7,38	7,38	12,10	6,96	7,54	6,10	7,76	7,76	9,86	8,50
Ø	mm	8,4	8,5	8,6	8,7	8,75	8,8	8,9	9	9,1	9,2	9,25	9,3	9,4	9,5	9,6	9,7
Overall length	mm	117	117	125	125	125	125	125	125	125	125	125	125	125	133	133	
Helix length	mm	75	75	81	81	81	81	81	81	81	81	81	81	81	81	87	87
8400G	Each	8,50	7,76	9,32	9,32	17,10	9,62	10,00	8,50	10,00	10,20	14,30	10,50	10,50	9,78	11,30	11,60
Ø	mm	9,75	9,8	9,9	10	10,1	10,2	10,25	10,3	10,4	10,5	10,6	10,7	10,75	10,8	10,9	11
Overall length	mm	133	133	133	133	133	133	133	133	133	133	133	142	142	142	142	142
Helix length	mm	87	87	87	87	87	87	87	87	87	87	87	94	94	94	94	94
8400G	Each	16,50	12,10	12,10	10,40	12,90	13,10	17,70	16,10	16,10	13,30	17,10	21,50	23,50	19,00	22,30	15,30
Ø	mm	11,1	11,2	11,25	11,3	11,4	11,5	11,6	11,7	11,75	11,8	11,9	12	12,1	12,2	12,25	12,3
Overall length	mm	142	142	142	142	142	142	142	142	142	142	151	151	151	151	151	151
Helix length	mm	94	94	94	94	94	94	94	94	94	94	101	101	101	101	101	101
8400G	Each	19,80	19,40	25,60	22,70	22,70	17,10	22,70	21,50	26,40	21,50	26,10	19,00	25,60	25,60	28,90	23,50
Ø	mm	12,4	12,5	12,6	12,7	12,75	12,8	12,9	13	13,25	13,5	13,6	13,75	14	14,25	14,5	14,75
Overall length	mm	151	151	151	151	151	151	151	151	160	160	160	160	160	169	169	169
Helix length	mm	101	101	101	101	101	101	101	101	108	108	108	108	108	114	114	114
8400G	Each	29,70	20,60	30,20	22,70	38,80	28,90	34,30	22,70	44,60	26,40	43,70	51,10	30,20	56,90	31,70	56,90
Ø	mm	15	15,25	15,5	15,75	16	16,5	17	17,25	17,5	18	18,5	18,75	19	19,25	19,5	20
Overall length	mm	169	178	178	178	178	184	184	184	191	191	191	198	198	205	205	205
Helix length	mm	114	120	120	120	120	125	125	130	130	130	135	135	135	140	140	140
8400G	Each	34,30	70,90	37,50	71,70	40,80	46,20	48,70	121,00	53,60	57,70	61,90	143,00	67,60	165,00	77,50	77,50

Up to Ø 7.5mm in 10pcs packing units.

Orig. Hartner - Art. 81015
Product description as Art. 8400G
LEFT-HAND rotation.



8402G

Ø	mm	0,5	0,55*	0,6	0,65	0,7*	0,75*	0,8	0,85*	0,9*	0,95*	1	1,1	1,2	1,25	1,3	1,4
Overall length	mm	22	24	24	26	28	28	30	30	32	32	34	36	38	38	38	40
Helix length	mm	6	7	7	8	9	9	10	10	11	11	12	14	16	16	16	18
8402G	Each	8,34	11,60	8,60	12,10	8,02	5,74	6,16	5,22	7,22	7,92	5,16	6,42	5,82	7,68	6,42	5,98
Ø	mm	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2*	2,25	2,3	2,4	2,5	2,6	2,7	2,75	2,8
Overall length	mm	40	43	43	46	46	49	49	53	53	53	57	57	57	61	61	61
Helix length	mm	18	20	20	22	22	24	24	27	27	27	30	30	30	33	33	33
8402G	Each	4,46	6,34	5,16	5,42	5,72	3,94	5,24	5,62	6,68	6,08	4,64	4,42	6,08	6,34	8,00	6,42
Ø	mm	2,9	3	3,1	3,2	3,25	3,3	3,4	3,5	3,6*	3,7	3,75	3,9	4	4,1	4,2	4,25
Overall length	mm	61	61	65	65	65	70	70	70	70	70	75	75	75	75	75	75
Helix length	mm	33	33	36	36	36	39	39	39	39	39	43	43	43	43	43	43
8402G	Each	6,68	4,16	7,08	5,16	8,52	6,24	7,68	5,06	6,86	7,78	10,70	8,52	4,98	7,42	7,26	11,50
Ø	mm	4,3	4,4	4,5	4,6	4,7	4,75	4,8	4,9	5	5,1	5,2	5,25	5,3	5,4*	5,5	5,6
Overall length	mm	80	80	80	80	80	80	86	86	86	86	86	86	86	93	93	93
Helix length	mm	47	47	47	47	47	47	52	52	52	52	52	52	52	57	57	57
8402G	Each	8,60	9,78	6,82	10,80	8,86	19,20	9,14	10,70	5,90	10,70	11,10	24,80	11,70	13,10	8,86	12,90
Ø	mm	5,7*	5,75	5,8	5,9*	6	6,2	6,25	6,4*	6,5	6,6	6,7	6,75	6,8	6,9	7	7,1
Overall length	mm	93	93	93	93	93	101	101	101	101	101	101	109	109	109	109	109
Helix length	mm	57	57	57	57	57	63	63	63	63	63	63	69	69	69	69	69
8402G	Each	12,60	28,10	13,20	14,60	8,16	14,90	26,60	13,80	10,30	16,40	16,20	14,30	15,10	16,80	11,40	16,20
Ø	mm	7,2*	7,25	7,3	7,4	7,5	7,6	7,7	7,75	7,8	7,9	8	8,1*	8,3*	8,4	8,5	8,6*
Overall length	mm	109	109	109	109	109	117	117	117	117	117	117	117	117	117	117	125
Helix length	mm	69	69	69	69	69	75	75	75	75	75	75	75	75	75	75	81
8402G	Each	16,10	34,10	17,20	17,60	15,10	20,00	21,00	32,90	21,50	21,50	14,30	23,60	20,60	22,90	15,90	28,10
Ø	mm	8,7	8,75*	8,8	8,9	9	9,1	9,2*	9,3*	9,4	9,5	9,6	9,7	9,75	9,8	9,9	10
Overall length	mm	125	125	125	125	125	125	125	125	125	125	133	133	133	133	133	133
Helix length	mm	81	81	81	81	81	81	81	81	81	81	87	87	87	87	87	87
8402G	Each	26,60	11,70	26,60	25,70	19,60	34,10	32,50	33,40	35,10	21,00	36,80	36,80	64,40	32,70	39,20	22,40
Ø	mm	10,1	10,2	10,25*	10,4*	10,5	10,6*	10,75*	10,8*	10,9	11	11,1	11,25	11,6*	11,75	11,8*	11,9*
Overall length	mm	133	133	133	133	133	133	142	142	142	142	142	142	142	142	142	151
Helix length	mm	87	87	87	87	87	87	94	94	94	94	94	94	94	94	94	101
8402G	Each	41,50	35,50	33,40	26,70	30,30	27,20	57,10	29,80	41,50	35,10	43,90	60,60	37,10	51,30	60,60	37,60
Ø	mm	12	12,75*	13,5*	14*	15	15,5*	17	17,5*	18*	18,5*	19*	20*				
Overall length	mm	151	151	160	160	169	178	184	191	191	198	198	205				
Helix length	mm	101	101	108	108	114	120	125	130	130	135	135	140				
8402G	Each	35,50	88,20	39,70	63,20	74,60	89,90	123,00	90,80	96,10	104,00	112,00	135,00				

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.



ASSORTMENTS OF DRILL TIPS

8410G



HSS

Orig. Hartner - Art. 88013 / 0,015

Assortments in steel plate box.
With HSS cylindrical drills Art. 8400 G.
Complete assortment.

With tips by mm 1 a 5,9
Quantity of tips 50
Progression mm 0,1

8410G Each **136,00**

EMPTY CONTAINERS FOR ASSORTMENTS.

In enameled steel plate.

For Art. 8410 G.

O8410G Each **28,80**

8412G



HSS

Orig. Hartner - Art. 88013 / 0,013

Assortments in steel plate box.
With HSS cylindrical drills Art. 8400 G.
Complete assortment.

With tips by mm 1 a 10
Quantity of tips 19
Progression mm 0,5

8412G Each **83,20**

EMPTY CONTAINERS FOR ASSORTMENTS.

In enameled steel plate.

For Art. 8412 G.

O8412G Each **15,90**

8414G



HSS

Orig. Hartner - Art. 88013 / 0,016

Assortments in steel plate box.
With HSS cylindrical drills Art. 8400 G.
Complete assortment.

With tips by mm 6 a 10
Quantity of tips 41
Progression mm 0,1

8414G Each **287,00**

EMPTY CONTAINERS FOR ASSORTMENTS.

In enameled steel plate.

For Art. 8414 G.

O8414G Each **60,10**

8416G



HSS

Orig. Hartner - Art. 88013 / 0,014

Assortments in steel plate box.
With HSS cylindrical drills Art. 8400 G.
Complete assortment.

With tips by mm 1 a 13
Quantity of tips 25
Progression mm 0,5

8416G Each **186,00**

EMPTY CONTAINERS FOR ASSORTMENTS.

In enameled steel plate.

For Art. 8416 G.

O8416G Each **21,10**



STUB DRILLS, RIGHT HAND CUTTING

Orig. Hartner - Art. 84406



8418G

New drill with TIN coated head; optimal performances, comparable to those of TIN coated drills (Art. 8460G) and prices slightly higher than the HSS drills (Art. 8400 G).

DIN 338. Type N. In HSS steel with special TIN finishing on the perforating part of the drill.

Sharpened according to DIN 1412. For steels and alloy and unalloyed cast iron (hardness of about 900 N / mm²), hardened cast iron, sintered steel, graphite.

Cylindrical shank.



HSS



TIN

Ø	mm	1	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2	2,3	2,4	2,5		
Overall length	mm	34	36	38	38	40	40	43	43	46	46	49	49	53	53	57	57		
Helix length	mm	12	14	16	16	18	18	20	20	22	22	24	24	27	27	30	30		
8418G	Each	2,70	2,64	2,70	2,64	2,50	2,22	2,22	2,22	2,08	2,08	1,80	2,00	2,08	2,14	2,08	2,08		
Ø	mm	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4	4,1		
Overall length	mm	57	61	61	61	61	65	65	65	70	70	70	70	75	75	75	75		
Helix length	mm	30	33	33	33	33	36	36	36	39	39	39	39	43	43	43	43		
8418G	Each	2,22	2,22	2,22	2,22	1,88	2,36	2,36	2,36	2,36	2,08	2,56	2,64	2,70	2,84	2,08	3,12		
Ø	mm	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2	5,3	5,4	5,5	5,6	5,7		
Overall length	mm	75	80	80	80	80	80	86	86	86	86	86	86	93	93	93	93		
Helix length	mm	43	47	47	47	47	47	52	52	52	52	52	52	57	57	57	57		
8418G	Each	2,64	3,12	3,12	2,76	3,26	3,32	3,26	3,46	2,70	3,46	3,52	3,52	4,16	3,60	4,22	4,22		
Ø	mm	5,8	5,9	6	6,1	6,2	6,3	6,4	6,5	6,6	6,7	6,75	6,8	6,9	7	7,1	7,2		
Overall length	mm	93	93	93	101	101	101	101	101	101	101	109	109	109	109	109	109		
Helix length	mm	57	57	57	63	63	63	63	63	63	63	69	69	69	69	69	69		
8418G	Each	4,22	4,42	3,60	4,78	4,78	4,92	5,18	4,28	5,18	5,40	5,88	5,88	6,30	5,26	6,64	6,92		
Ø	mm	7,3	7,4	7,5	7,6	7,7	7,8	7,9	8	8,1	8,2	8,3	8,4	8,5	8,6	8,7	8,8		
Overall length	mm	109	109	109	117	117	117	117	117	117	117	117	117	117	125	125	125		
Helix length	mm	69	69	69	75	75	75	75	75	75	75	75	75	75	81	81	81		
8418G	Each	6,92	7,34	5,88	7,60	7,60	7,34	7,74	5,54	7,88	8,02	8,58	8,58	7,06	8,44	8,44	9,82		
Ø	mm	8,9	9	9,1	9,2	9,3	9,4	9,5	9,6	9,7	9,8	9,9	10	10,1	10,2	10,3	10,4		
Overall length	mm	125	125	125	125	125	125	133	133	133	133	133	133	133	133	133	133		
Helix length	mm	81	81	81	81	81	81	81	87	87	87	87	87	87	87	87	87		
8418G	Each	8,98	7,74	10,30	9,12	10,60	9,40	8,86	10,30	10,60	12,60	11,10	9,96	11,80	11,80	14,60	14,60		
Ø	mm	10,5	10,6	10,7	10,8	10,9	11	11,1	11,2	11,3	11,4	11,5	11,6	11,7	11,8	11,9	12		
Overall length	mm	133	133	142	142	142	142	142	142	142	142	142	142	142	142	151	151		
Helix length	mm	87	87	94	94	94	94	94	94	94	94	94	94	94	94	101	101		
8418G	Each	12,10	15,20	19,40	17,30	19,10	14,10	18,20	17,70	19,30	19,30	17,70	19,30	19,40	19,40	23,70	17,30		
Ø	mm	12,1	12,2	12,3	12,4	12,5	12,6	12,7	12,8	12,9	13	13,25	13,5	13,6	14	14,5	15		
Overall length	mm	151	151	151	151	151	151	151	151	151	151	160	160	160	160	169	169		
Helix length	mm	101	101	101	101	101	101	101	101	101	101	108	108	108	108	114	114		
8418G	Each	23,10	23,10	21,60	25,30	20,50	27,10	24,90	25,90	30,90	22,20	36,50	28,50	39,40	32,30	28,70	33,10		
Ø	mm	15,5	16																
Overall length	mm	178	178																
Helix length	mm	120	120																
8418G	Each	34,50	37,40																

Up to Ø 7.5 mm in packs of 10 pieces.

ASSORTMENTS OF DRILL TIPS

Orig. Hartner - Art. 88016 / 6,015



8419GA

Supplied in sturdy case in ABS unbreakable.

With cylindrical drills Art. 8418 G in HSS steel with TIN coated tip.

Complete set.

With tips by mm 1 a 5,9

Quantity of tips 50

Progression mm 0,1

8419GA Each **139,00**



HSS

TIN



8419GC



HSS

TIN

Orig. Hartner - Art. 88016 / 6,016

Product description as Art. 8419GA

With tips by mm 6 a 10
 Quantity of tips 41
 Progression mm 0,1

8419GC	Each	294,00
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8419GE



HSS

TIN

Orig. Hartner - Art. 88016 / 6,014

Product description as Art. 8419GA

With tips by mm 1 a 13
 Quantity of tips 25
 Progression mm 0,5

8419GE	Each	190,00
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8419GF



HSS

TIN

Orig. Hartner - Art. 88016 / 6,018

Product description as Art. 8419GA

With tips by mm 1 a 10,5
 Quantity of tips 24
 Progression mm 0,5

8419GF	Each	124,00
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This series also contains tips Art. 8418 G Ø mm 3.3 - 4.2 - 6.8 - 10.2 , suitable for pre-holes tapping.

DISPLAY UNITS FOR DRILL BITS

8421G

SCU



Prod. SCU

Socket type in plastic for all drills with cylindrical shank.

Without drills.

Quantity of tips		19	25	50
With tips by	mm	1 a 10	1 a 13	1 a 5,9
Progression	mm	0,5	0,5	0,1

8421G	Each	8,22	10,90	14,60
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STUB DRILLS, RIGHT HAND CUTTING

Orig. Hartner - Art. 81040

DIN 338. Type FN. HSS. Cutting angle 130°. SHORT pattern.
 Thinned cutting edge according to DIN 1412 A. Special drills for deep holes.
 Suitable for automatic machines.
 For steel up to R 1000 N/sqmm.
 Cylindrical shank.



8423G

Ø	mm	2	2,1	2,2	2,4*	2,5	2,6	2,7	2,8	2,9	3	3,1	3,15	3,2	3,3	3,4	3,5
Overall length	mm	49	49	53	57	57	57	61	61	61	61	65	65	65	65	70	70
Helix length	mm	24	24	27	30	30	30	33	33	33	33	36	36	36	36	39	39
8423G	Each	5,52	6,36	6,36	6,16	5,52	6,82	7,24	7,14	7,04	5,94	7,24	9,28	7,04	7,24	7,76	6,36
Ø	mm	3,6	3,8	3,9	4	4,1	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9*	5	5,2	5,3
Overall length	mm	70	75	75	75	75	80	80	80	80	80	80	86	86	86	86	86
Helix length	mm	39	43	43	43	43	43	47	47	47	47	47	52	52	52	52	52
8423G	Each	8,44	8,34	9,28	7,04	8,76	7,96	9,06	9,74	8,24	11,50	9,94	9,94	9,98	8,76	11,10	12,20
Ø	mm	5,4*	5,5	5,6*	5,7	5,8	5,9	6	6,1	6,2	6,3	6,4	6,5	6,6*	6,7	6,8	7
Overall length	mm	93	93	93	93	93	93	101	101	101	101	101	101	101	109	109	109
Helix length	mm	57	57	57	57	57	57	63	63	63	63	63	63	63	69	69	69
8423G	Each	11,40	10,40	11,60	12,10	12,70	14,10	11,50	14,30	14,10	14,30	15,10	12,50	15,10	15,70	14,80	13,10
Ø	mm	7,2*	7,3	7,4	7,5	7,6*	7,7*	7,8*	7,9*	8*	8,1	8,2*	8,3*	8,4	8,5	8,6	8,7*
Overall length	mm	109	109	109	109	117	117	117	117	117	117	117	117	117	117	125	125
Helix length	mm	69	69	69	69	75	75	75	75	75	75	75	75	75	81	81	81
8423G	Each	21,80	24,50	22,80	16,80	26,00	26,00	22,90	25,10	17,10	26,20	25,10	36,70	33,90	18,90	33,90	36,10
Ø	mm	8,8	8,9	9	9,1*	9,2	9,3	9,4	9,5	9,6	9,7	9,8	9,9	10	10,5	10,8	11
Overall length	mm	125	125	125	125	125	125	125	133	133	133	133	133	133	142	142	142
Helix length	mm	81	81	81	81	81	81	81	87	87	87	87	87	87	94	94	94
8423G	Each	34,50	37,30	20,10	39,80	37,30	38,40	42,30	25,70	38,90	47,80	40,70	44,50	22,30	36,70	57,80	40,10
Ø	mm	11,2	11,5	12	12,2	13											
Overall length	mm	142	142	151	151	151											
Helix length	mm	94	94	101	101	101											
8423G	Each	79,10	43,90	48,40	97,90	65,60											

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.

DRILLS FOR BRASS, BRONZE AND NON-FERROUS ALLOYS, RIGHT-HAND ROTATION

Orig. Hartner - Art. 81020-118°

DIN 338. Type H. HSS. Cutting angle 118°. SHORT pattern.
 For brass, bronze, short-chip non-ferrous alloys.
 Cylindrical shank.



8429G

Ø	mm	0,5	0,6	0,7	0,75	0,8	0,9	1	1,1	1,2	1,25	1,3	1,4	1,5	1,6	1,7	1,8
Overall length	mm	22	24	28	28	30	32	34	36	38	38	38	40	40	43	43	46
Helix length	mm	6	7	9	9	10	11	12	14	16	16	16	18	18	20	20	22
8429G	Each	9,26	9,04	8,00	9,96	7,78	7,78	5,82	6,34	6,90	8,00	6,90	6,24	5,34	6,08	5,98	6,16
Ø	mm	1,9	2	2,1	2,2	2,25	2,3	2,4	2,5	2,6	2,7	2,75*	2,8	2,9	3	3,1	3,2
Overall length	mm	46	49	49	53	53	53	57	57	57	61	61	61	61	65	65	65
Helix length	mm	22	24	24	27	27	27	30	30	30	33	33	33	33	36	36	36
8429G	Each	5,72	4,46	5,42	5,90	8,34	5,90	5,98	4,64	5,82	5,98	5,54	5,98	6,08	4,98	7,00	6,68
Ø	mm	3,3	3,4	3,5	3,6	3,7	3,75*	3,8	3,9	4	4,1	4,2	4,3	4,4	4,5	4,6	4,7
Overall length	mm	65	70	70	70	70	75	75	75	75	75	75	80	80	80	80	80
Helix length	mm	36	39	39	39	39	39	43	43	43	43	43	47	47	47	47	47
8429G	Each	6,24	7,00	5,82	7,78	7,52	11,40	7,34	9,44	5,72	8,70	7,78	9,14	11,10	7,52	9,70	10,20
Ø	mm	4,8	4,9	5	5,1	5,2	5,25	5,3	5,4	5,5	5,6*	5,7	5,75	5,8	5,9	6	6,1
Overall length	mm	86	86	86	86	86	86	86	93	93	93	93	93	93	93	101	101
Helix length	mm	52	52	52	52	52	52	52	57	57	57	57	57	57	57	57	63
8429G	Each	9,44	9,96	7,60	10,10	10,30	19,20	10,70	14,30	10,30	13,70	15,10	26,10	12,40	14,30	9,96	13,10
Ø	mm	6,2	6,3	6,4	6,5	6,6	6,7	6,8	6,9	7	7,1	7,2	7,25	7,3	7,4*	7,5	7,6
Overall length	mm	101	101	101	101	101	109	109	109	109	109	109	109	109	109	117	117
Helix length	mm	63	63	63	63	63	69	69	69	69	69	69	69	69	69	75	75
8429G	Each	13,10	15,40	16,20	12,60	14,10	16,40	14,70	18,30	14,40	20,00	22,10	40,10	24,30	21,80	17,50	22,70
Ø	mm	7,7*	7,75*	7,8	8	8,1	8,2	8,25*	8,4	8,5	8,6*	8,7*	8,8	8,9	9	9,1	9,2
Overall length	mm	117	117	117	117	117	117	117	117	117	125	125	125	125	125	125	125
Helix length	mm	75	75	75	75	75	75	75	75	75	81	81	81	81	81	81	81
8429G	Each	23,60	29,80	23,80	16,50	24,30	22,10	26,70	29,40	21,50	32,50	31,20	34,10	30,30	23,80	37,80	37,80
Ø	mm	9,25	9,3	9,4*	9,5	9,6	9,7	9,75	9,8	9,9	10	10,5	11	11,5	12	13	14
Overall length	mm	125	125	125	125	133	133	133	133	133	133	133	142	142	151	151	160
Helix length	mm	81	81	81	81	87	87	87	87	87	87	87	94	94	101	101	108
8429G	Each	55,90	37,80	36,10	29,40	41,50	41,50	52,20	37,80	44,80	25,70	34,50	39,20	50,40	51,30	57,80	74,60
Ø	mm	15	16														
Overall length	mm	169	178														
Helix length	mm	114	120														
8429G	Each	84,80	105,00														

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.



DRILLS FOR ALUMINIUM AND COPPER, RIGHT-HAND ROTATION

8431G



HSS

Orig. Hartner - Art. 81030

DIN 338. Type W. HSS. Cutting angle 130°. SHORT pattern.

For aluminium, copper and relevant alloys.

Cylindrical shank.

Ø	mm	0,5	1	1,25	1,5	1,75	2	2,25	2,5	2,75	3	3,1	3,2	3,3	3,4	3,5	3,6
Overall length	mm	22	34	38	40	46	49	53	57	61	61	65	65	65	70	70	70
Helix length	mm	6	12	16	18	22	24	27	30	33	33	36	36	36	39	39	39
8431G	Each	8,34	6,08	7,34	5,98	8,52	4,20	7,52	4,20	8,52	4,64	6,42	5,82	5,34	6,42	6,08	6,82
Ø	mm	3,7	3,75	3,8	3,9	4	4,1	4,2	4,3	4,4*	4,5	4,6	4,7	4,75*	4,8	4,9*	5
Overall length	mm	70	70	75	75	75	75	75	80	80	80	80	80	80	86	86	86
Helix length	mm	39	39	43	43	43	43	43	47	47	47	47	47	47	52	52	52
8431G	Each	7,00	10,30	6,90	8,44	5,90	7,26	5,90	8,44	9,26	7,42	9,26	9,26	14,60	8,44	8,38	7,60
Ø	mm	5,1	5,2	5,3	5,4	5,5	5,6	5,7	5,75*	5,8	5,9*	6	6,25*	6,5	7	7,25*	7,5
Overall length	mm	86	86	86	93	93	93	93	93	93	93	93	101	101	109	109	109
Helix length	mm	52	52	52	57	57	57	57	57	57	57	57	63	63	69	69	69
8431G	Each	8,86	9,88	10,80	12,70	9,52	12,50	12,10	19,60	12,10	12,60	10,20	20,50	11,70	12,10	36,10	16,20
Ø	mm	8	8,5	9	9,5	10	10,5	11	11,5	12	12,5	13					
Overall length	mm	117	117	125	125	133	133	142	142	151	151	151					
Helix length	mm	75	75	81	81	87	87	94	94	101	101	101					
8431G	Each	15,50	18,70	20,50	29,40	23,30	32,20	38,20	50,40	43,90	48,50	52,20					

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock.

DRILLS FOR SYNTHETIC MATERIALS, RIGHT-HAND ROTATION

8435G



HSS

Orig. Hartner - Art. 81020-80°

DIN 338. Type H. HSS. Cutting angle 80°. SHORT pattern.

For plastic, plexiglas and stamped circuits.

Cylindrical shank.

Ø	mm	1	1,5	9
Overall length	mm	34	40	125
Helix length	mm	12	18	81
8435G	Each	5,20	5,00	21,10

Up to Ø 7.5mm in 10pcs packing units. - Product running out of stock.

STUB DRILLS, RIGHT HAND CUTTING

8445G



HSS-E

Orig. Hartner - Art. 81061

DIN 338. Type S. COBALT HSS-E. Cutting angle 130°.

SHORT pattern. For steel with R higher than 1000 N/sqmm, stainless steel, cast iron, spring steel, titanium and titanium alloys.

Cylindrical shank.

Ø	mm	0,2	0,3	0,4	0,5	0,55	0,6	0,65	0,7	0,75	0,8	0,85	0,9	0,95	1	1,05	1,1	1,15
Overall length	mm	19	19	20	22	24	24	26	28	28	30	30	32	32	34	34	36	36
Helix length	mm	2,5	3	5	6	7	7	8	9	9	10	10	11	11	12	12	14	14
8445G	Each	16,90	11,80	9,34	7,16	12,50	7,16	11,10	6,52	8,70	6,24	7,78	6,08	7,34	5,72	7,52	5,90	8,00
Ø	mm	1,2	1,25	1,3	1,35	1,45	1,5	1,55	1,6	1,65	1,7	1,75	1,8	1,85	1,9	1,95	2	2,05
Overall length	mm	38	38	38	40	40	40	43	43	43	43	46	46	46	46	49	49	49
Helix length	mm	16	16	16	18	18	18	20	20	20	20	22	22	22	22	24	24	24
8445G	Each	6,34	7,42	6,08	7,68	6,68	5,34	7,34	5,72	6,52	5,90	8,52	5,72	7,52	5,90	8,70	4,72	7,16
Ø	mm	2,1	2,2	2,25	2,3	2,35	2,4	2,45	2,5	2,55	2,6	2,7	2,75	2,8	2,85	2,9	2,95	3
Overall length	mm	49	53	53	53	53	57	57	57	57	57	61	61	61	61	61	61	61
Helix length	mm	24	27	27	27	27	30	30	30	30	30	33	33	33	33	33	33	33
8445G	Each	6,24	6,24	9,04	6,24	11,70	6,24	12,40	5,06	11,40	6,34	6,34	11,50	6,52	11,70	6,52	9,52	5,06
Ø	mm	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4	4,1	4,2	4,3	4,4	4,5	4,6	4,7
Overall length	mm	65	65	65	70	70	70	75	75	75	75	75	75	80	80	80	80	80
Helix length	mm	36	36	36	39	39	39	39	43	43	43	43	43	47	47	47	47	47
8445G	Each	6,68	5,72	5,90	7,00	5,72	7,52	7,60	7,42	7,68	6,08	7,68	7,68	7,68	8,44	7,68	8,44	8,78
Ø	mm	4,8	4,9	5	5,1	5,2	5,3	5,4	5,5	5,6	5,7	5,8	5,9	6	6,1	6,2	6,3	6,4
Overall length	mm	86	86	86	86	86	86	93	93	93	93	93	93	93	101	101	101	101
Helix length	mm	52	52	52	52	52	52	57	57	57	57	57	57	57	63	63	63	63
8445G	Each	8,60	8,70	7,52	8,70	8,86	8,86	10,30	10,50	10,60	11,10	9,96	11,10	9,70	11,20	11,20	11,80	12,40
Ø	mm	6,5	6,6	6,7	6,8	6,9	7	7,1	7,2	7,3	7,4	7,5	7,6	7,8	7,9	8	8,1	8,2
Overall length	mm	101	101	101	109	109	109	109	109	109	109	109	117	117	117	117	117	117
Helix length	mm	63	63	63	69	69	69	69	69	69	69	69	75	75	75	75	75	75
8445G	Each	11,10	12,90	12,90	13,50	15,10	11,70	17,40	15,90	18,50	17,50	12,40	24,30	19,60	22,10	15,50	19,60	20,50
Ø	mm	8,3	8,4	8,5	8,6	8,7	8,8	9	9,1	9,2	9,3	9,4	9,5	9,6	9,7	9,8	9,9	10
Overall length	mm	117	117	117	125	125	125	125	125	125	125	125	125	133	133	133	133	133
Helix length	mm	75	75	75	81	81	81	81	81	81	81	81	81	87	87	87	87	87
8445G	Each	22,90	22,40	15,50	22,90	22,90	24,30	20,00	26,70	27,60	32,20	35,90	23,30	36,80	34,50	34,50	36,40	22,40
Ø	mm	10,5	11	11,5	12	12,5	13	13,5	14	14,5	15	16						
Overall length	mm	133	142	142	151	151	151	160	160	169	169	178						
Helix length	mm	87	94	94	101	101	101	108	108	114	114	120						
8445G	Each	33,10	35,90	46,60	52,20	60,60	66,20	76,50	86,70	107,00	111,00	138,00						

Up to Ø 7.5mm in 10pcs packing units. - Size 9,1 running out of stock.



DRILLS FOR STAINLESS STEEL AND ALLOYS, RIGHT-HAND ROTATION

Orig. Hartner - Art. 81013

DIN 338. Type IS Inox-Drill. COBALT HSS-E.

Cutting angle 130°. SHORT pattern.

Particular drill geometry with special spiral flute and web shape for easier chip ejection.

For stainless steel V2A and V4A, titanium, aluminium and some copper alloys.



INOX 8450G



HSS-E

Cylindrical shank.

Ø	mm	1	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2	2,3	2,4	2,5
Overall length	mm	34	36	38	38	40	40	43	43	46	46	49	49	53	53	57	57
Helix length	mm	12	14	16	16	18	18	20	20	22	22	24	24	27	27	30	30
8450G	Each	9,26	10,30	10,30	10,30	8,96	8,26	10,30	9,52	8,96	10,50	6,68	10,70	11,10	11,50	11,40	7,42
Ø	mm	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4	4,1
Overall length	mm	57	61	61	61	61	65	65	65	70	70	70	70	75	75	75	75
Helix length	mm	30	33	33	33	33	36	36	36	39	39	39	39	43	43	43	43
8450G	Each	11,50	11,50	11,20	10,20	7,16	12,20	8,60	8,16	10,60	7,52	13,20	13,20	12,30	13,80	8,52	13,20
Ø	mm	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2	5,3	5,4	5,5	5,6	5,7
Overall length	mm	75	80	80	80	80	80	86	86	86	86	86	86	93	93	93	93
Helix length	mm	43	47	47	47	47	47	52	52	52	52	52	52	57	57	57	57
8450G	Each	10,60	11,10	14,30	10,90	15,10	13,80	12,10	16,20	9,96	13,40	14,10	16,40	17,60	15,90	18,30	18,30
Ø	mm	5,8	5,9	6	6,1	6,2	6,3	6,4	6,5	6,6	6,7	6,8	6,9	7	7,1	7,2	7,3
Overall length	mm	93	93	93	101	101	101	101	101	101	101	109	109	109	109	109	109
Helix length	mm	57	57	57	63	63	63	63	63	63	69	69	69	69	69	69	69
8450G	Each	18,30	18,30	13,20	20,00	18,30	20,00	22,40	16,20	22,40	22,40	20,00	22,10	16,60	28,10	28,10	23,30
Ø	mm	7,4	7,5	7,6*	7,7	7,8	7,9	8	8,2	8,3	8,4	8,5	8,6	8,7	8,8	8,9*	9
Overall length	mm	109	109	117	117	117	117	117	117	117	117	125	125	125	125	125	125
Helix length	mm	69	69	75	75	75	75	75	75	75	75	81	81	81	81	81	81
8450G	Each	28,10	21,50	27,60	35,10	35,10	35,10	21,50	30,30	35,10	38,70	20,50	38,70	40,10	44,30	43,20	28,10
Ø	mm	9,1*	9,2*	9,3*	9,4*	9,5	9,6*	9,7	9,8	9,9*	10	10,1	10,2	10,3	10,4	10,5	10,7*
Overall length	mm	125	125	125	125	133	133	133	133	133	133	133	133	133	133	133	142
Helix length	mm	81	81	81	81	81	87	87	87	87	87	87	87	87	87	87	94
8450G	Each	48,10	49,90	41,90	53,40	34,50	57,90	55,10	52,20	47,20	30,80	64,40	46,60	80,20	67,20	46,60	85,60
Ø	mm	10,8*	10,9*	11	11,1*	11,2	11,4*	11,5	11,6*	11,7*	11,9*	12					
Overall length	mm	142	142	142	142	142	142	142	142	142	151	151					
Helix length	mm	94	94	94	94	94	94	94	94	94	101	101					
8450G	Each	80,40	72,10	50,40	108,00	113,00	75,20	68,90	125,00	85,60	85,60	68,90					

Up to Ø 7.5mm in 10pcs packing units.

STUB DRILLS, RIGHT HAND CUTTING

Orig. Hartner - Art. 84405

DIN 338. Type N. HSS-TIN. Cutting angle 118°. SHORT pattern.

Sharpening according to DIN 1412. TIN-treated surface.

For steel, alloy and unalloyed cast iron with hardness up to about 900 N/sqmm, hardened cast iron, sintered steel, graphite, short-chip aluminium alloys, bronze and electrolytic copper.

Cylindrical shank.



8460G



TIN



HSS

Ø	mm	1	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2	2,3	2,4
Overall length	mm	34	36	38	38	40	40	43	43	46	46	49	49	53	53	57
Helix length	mm	12	14	16	16	18	18	20	20	22	22	24	24	27	27	30
8460G	Each	7,52	7,34	7,60	7,16	6,90	6,34	6,08	6,08	5,34	6,08	4,64	5,42	5,72	6,08	5,72
Ø	mm	2,5	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9
Overall length	mm	57	57	61	61	61	61	65	65	65	70	70	70	70	75	75
Helix length	mm	30	30	33	33	33	33	36	36	36	39	39	39	39	43	43
8460G	Each	5,90	6,08	6,42	6,08	6,34	5,16	6,34	6,52	6,52	6,34	5,72	6,90	7,60	7,60	7,86
Ø	mm	4	4,1	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2	5,3	5,4
Overall length	mm	75	75	75	80	80	80	80	80	86	86	86	86	86	86	93
Helix length	mm	43	43	43	47	47	47	47	47	52	52	52	52	52	52	57
8460G	Each	6,08	8,44	7,34	8,44	9,04	7,60	9,04	8,96	8,78	9,62	7,52	9,44	9,44	9,96	11,70
Ø	mm	5,5	5,6	5,7	5,8	5,9	6	6,5	7	7,5	8	8,5	9	9,5	10	
Overall length	mm	93	93	93	93	93	93	101	109	109	117	117	125	125	133	
Helix length	mm	57	57	57	57	57	57	63	69	69	75	75	81	81	87	
8460G	Each	10,50	11,50	12,10	11,70	12,40	10,50	12,80	15,50	17,10	17,10	22,40	24,30	27,60	29,40	



8461G



HSS-E

Orig. Hartner - Art. 84804

Spiral flute length according to DIN 338. Type FU 500 DZ, self-centering. COBALT HSS-E. Cutting angle 118°. SHORT pattern.

Particular 4 facet sharpening and special web thinning for low torque, higher drilling parameters and good finishing of the hole surface.

For alloyed and unalloyed steel up to R 850 N/m², steel for hot/cold working, ball bearing steel, stainless steel, non-ferrous metals, cast iron and plastic material.

Cylindrical shank

Ø	mm	1,0	1,2	1,5	1,6	1,7	2,0	2,4	2,5	2,8	3,0	3,2	3,3	3,5	3,6	3,7
Overall length	mm	34	38	40	43	43	49	57	57	57	61	65	65	70	70	70
Helix length	mm	12	16	18	20	20	24	30	30	30	33	36	36	39	39	39
8461G	Each	2,58	2,58	2,58	2,58	2,58	2,72	2,72	2,80	2,90	2,80	2,90	3,00	3,18	3,18	3,18
Ø	mm	3,8	4,0	4,1	4,2	4,3	4,5	4,6	4,8	4,9	5,0	5,1	5,2	5,5	6,0	6,2
Overall length	mm	75	75	75	75	80	80	80	86	86	86	86	86	93	93	101
Helix length	mm	43	43	43	43	47	47	47	52	52	52	52	52	57	57	63
8461G	Each	3,54	3,42	3,54	3,54	3,60	4,62	3,60	3,60	3,74	3,74	3,74	3,82	4,02	4,48	5,04
Ø	mm	6,5	6,6	6,8	7,0	7,4	7,5	7,9	8,0	8,5	9,0	9,3	9,5	9,8	10,0	10,2
Overall length	mm	101	101	109	109	109	109	117	117	117	125	125	125	133	133	133
Helix length	mm	63	63	69	69	69	69	75	75	75	81	81	81	87	87	87
8461G	Each	5,04	5,50	6,36	6,22	7,70	6,74	8,44	7,02	7,48	8,44	10,70	9,46	12,10	10,70	14,10
Ø	mm	10,5	11,0	11,5	12,0	12,5	13,0	13,5	14,0							
Overall length	mm	133	142	142	151	151	151	160	160							
Helix length	mm	87	94	94	101	101	101	108	108							
8461G	Each	14,10	16,20	18,50	19,70	23,70	27,90	32,10	33,50							

8463G



TIN



HSS-E

Orig. Hartner

Spiral flute length according to DIN 338. Type FU 500 DZ, self-centering. COBALT HSS-E+TIN. Cutting angle 118°. SHORT pattern.

Particular 4 facet grinding and special web thinning for low torque, higher drilling parameters and good finishing of the hole surface.

For alloy and unalloyed steel up to R 850 N/sqmm, steel for hot/cold working, bearing steel, stainless steel, non-ferrous metals, cast iron and plastic materials.

Cylindrical shank. TIN treatment.

Ø	mm	2	2,5	3	3,3	3,5	4	4,2	4,5	5	5,5	6	6,5	6,8	7	7,5	8	8,5
Overall length	mm	49	57	61	65	70	75	75	80	86	93	93	101	109	109	109	117	117
Helix length	mm	24	30	33	36	39	43	43	47	52	57	57	63	69	69	69	75	75
Drive Ø	mm	2	2,5	3	3,3	3,5	4	4,2	4,5	5	5,5	6	6,5	6,8	7	7,5	8	8,5
Drive length	mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Supplier code		84802	84802	84802	84802	84802	84802	84802	84802	84802	84802	84802	84802	84802	84802	84802	84802	84802
8463G	Each	6,22	6,36	6,88	7,62	8,18	8,44	8,72	9,14	9,74	11,60	11,80	14,10	15,80	15,80	16,60	18,80	19,70
Ø	mm	9	9,5	10	10,2	10,5	11	11,5	12	13	14	15	16	17	18	19	20	
Overall length	mm	125	125	133	133	133	142	142	151	151	160	169	172	181	184	188	191	
Helix length	mm	81	81	87	87	87	94	94	101	101	108	109	112	115	118	122	125	
Drive Ø	mm	9	9,5	10	10,2	10,5	11	11,5	12	13	14	16	16	20	20	20	20	
Drive length	mm	-	-	-	-	-	-	-	-	-	-	48	48	50	50	50	50	
Supplier code		84802	84802	84802	84802	84802	84802	84802	84802	84802	84802	84801	84801	84801	84801	84801	84801	
8463G	Each	21,80	23,10	25,30	29,70	29,70	30,50	34,30	35,80	39,90	48,30	275,00	294,00	310,00	341,00	385,00	401,00	

8464G



FIRE



HSS-E

Orig. Hartner - Art. 84507

Spiral flute length according to DIN 338. Type FN 500 DZ. COBALT HSS-E + FIRE. Cutting angle 130°. SHORT pattern. High-performance drills, excellent heat resistance, wide slots. Produced by using the powder-sintering technique (PM), such drills combine the advantages of conventional Cobalt HSS-E and solid carbide drills, resulting cheaper and less subject to breakage. FIRE-coated surface, for high-speed working, dry working, or when using nebulized lubrication-cooler.

For high-percentage alloy steel, quenched and tempered steel and case hardening steel, cast iron, brass and bronze.

Cylindrical shank according to DIN 1835A. FIRE treatment.

Ø	mm	2	2,5	3	3,3	3,5	4	4,2	4,5	5	5,5	6	6,5*	6,8	7	7,5		
Overall length	mm	56	62	65	68	71	75	87	91	96	101	101	107	113	113	113		
Helix length	mm	24	30	33	36	39	43	43	47	52	57	57	63	69	69	69		
Drive Ø	mm	3	3	3	4	4	4	6	6	6	6	6	8	8	8	8		
Drive length	mm	28	28	28	28	28	28	36	36	36	36	36	36	36	36	36		
8464G	Each	23,60	27,90	27,90	31,10	31,10	34,70	42,70	41,10	51,20	51,20	56,10	65,60	72,50	72,50	74,20		
Ø	mm	8	8,5	9	9,5*	10	10,2*	10,5*	11	11,5	12	13*						
Overall length	mm	119	125	131	131	137	144	144	151	151	158	161						
Helix length	mm	75	75	81	81	87	87	87	94	94	101	101						
Drive Ø	mm	8	10	10	10	10	12	12	12	12	12	14						
Drive length	mm	36	40	40	40	40	45	45	45	45	45	48						
8464G	Each	78,80	88,30	78,80	81,40	93,10	112,00	117,00	111,00	117,00	128,00	162,00						

* Sizes running out of stock.



Orig. Hartner - Art. 81012

DIN 338. Type N, SELF-CENTERING, milled in 8% HSS-CO steel.

SHORT model.

135 ° cutting angle, with cross-shaped grinding for optimum centering and best performance.

For high-alloy steels, aluminum, non-ferrous metals, titanium alloys and super alloys.

Cylindrical shank.



8464GL

new



HSS-Co-8%

Ø	mm	1	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2	2,3	2,4	2,5		
Overall length	mm	34	36	38	38	40	40	43	43	46	46	49	49	53	53	57	57		
Helix length	mm	12	14	16	16	18	18	20	20	22	22	24	24	27	27	30	30		
8464GL	Each	6,36	6,72	7,02	7,10	6,64	5,84	6,36	6,54	6,64	6,82	5,36	7,20	7,52	7,90	7,52	5,56		
Ø	mm	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4	4,1		
Overall length	mm	57	61	61	61	61	65	65	65	70	70	70	75	75	75	75	75		
Helix length	mm	30	33	33	33	33	36	36	36	39	39	39	39	43	43	43	43		
8464GL	Each	7,52	7,90	7,62	8,00	5,56	7,34	6,36	6,36	8,80	6,36	9,54	8,60	8,18	10,10	6,72	8,80		
Ø	mm	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2	5,3	5,4	5,5	5,6	5,7		
Overall length	mm	75	80	80	80	80	80	86	86	86	86	86	86	93	93	93	93		
Helix length	mm	43	47	47	47	47	47	52	52	52	52	52	52	57	57	57	57		
8464GL	Each	8,80	9,18	11,50	8,80	10,10	9,64	9,46	10,80	8,18	10,70	10,40	11,60	13,90	11,70	13,20	14,40		
Ø	mm	5,8	5,9	6	6,1	6,2	6,3	6,4	6,5	6,6	6,7	6,8	6,9	7	7,1	7,2	7,3		
Overall length	mm	93	93	93	101	101	101	101	101	101	101	109	109	109	109	109	109		
Helix length	mm	57	57	57	63	63	63	63	63	63	63	69	69	69	69	69	69		
8464GL	Each	14,40	14,90	10,80	14,40	16,10	13,30	14,90	12,20	15,60	14,90	14,80	18,90	13,10	23,60	22,70	23,60		
Ø	mm	7,4	7,5	7,6	7,7	7,8	7,9	8	8,1	8,2	8,3	8,4	8,5	8,6	8,7	8,8	8,9		
Overall length	mm	109	109	117	117	117	117	117	117	117	117	117	117	125	125	125	125		
Helix length	mm	69	69	75	75	75	75	75	75	75	75	75	75	81	81	81	81		
8464GL	Each	23,60	15,50	28,60	28,60	26,20	28,60	17,10	28,60	24,60	29,10	32,10	17,10	33,70	33,70	36,10	38,20		
Ø	mm	9	9,1	9,2	9,3	9,4	9,5	9,6	9,7	9,8	9,9	10	10,2	10,5	11	11,5	12		
Overall length	mm	125	125	125	125	125	125	133	133	133	133	133	133	133	142	142	151		
Helix length	mm	81	81	81	81	81	81	87	87	87	87	87	87	87	94	94	101		
8464GL	Each	23,60	37,70	42,20	43,20	47,70	28,60	48,20	48,20	41,70	48,20	24,10	37,20	36,10	44,20	57,30	57,30		
Ø	mm	12,5	13	14															
Overall length	mm	151	151	160															
Helix length	mm	101	101	108															
8464GL	Each	75,30	73,30	95,40															

Up to Ø 7,5 mm in packs of 10 pieces.

CARBIDE TIPPED TWIST DRILLS, RIGHT-HAND ROTATION

Prod. SCU

Similar to DIN 338. SUPER RAPID HSS body, with HARD METAL cutting edges

(only sizes 2 and 2,5 mm in integral HARD METAL).

SHORT pattern. Cutting angle 120°.

For manganese steel, nickel, cast iron, bronze, brass, aluminium, bakelite, etc. with resistance ranging from R 700N/sqmm to R 2300 N/sqmm.

Cylindrical shank.



8465G



HARTMETALL

Ø	mm	2	2,1*	2,5	3	3,1	3,2	3,3	3,5	3,6	4	4,2	4,3	4,4*	4,5		
Overall length	mm	51	49	57	61	70	70	70	70	75	75	80	80	80	80		
Helix length	mm	24	24	30	33	39	39	39	39	43	43	47	47	47	47		
8465G	Each	14,70	10,60	14,70	14,40	14,40	14,40	14,40	14,40	13,30	13,30	13,80	13,80	10,60	13,80		
Ø	mm	5	5,1	5,2	5,3	5,5	5,6*	5,7*	5,8	6	6,5	6,7	6,8	7	7,1		
Overall length	mm	86	93	93	93	93	93	93	93	93	101	109	109	109	109		
Helix length	mm	52	57	57	57	57	57	57	57	57	63	69	69	69	69		
8465G	Each	14,40	15,10	15,10	15,10	15,10	11,80	11,80	15,70	16,50	16,50	17,50	17,50	17,50	18,90		
Ø	mm	7,5	7,9*	8	8,5	8,9*	9	9,1*	9,2*	9,3*	9,4*	9,5	9,6*	9,7*	10		
Overall length	mm	109	117	117	117	125	125	125	125	125	125	125	133	133	133		
Helix length	mm	69	75	75	75	81	81	81	81	81	81	81	87	87	87		
8465G	Each	18,90	15,30	20,20	22,10	17,50	23,50	18,90	18,90	18,90	18,90	25,10	20,20	20,50	27,20		
Ø	mm	10,5	11	11,5	12	12,5	13	13,5	14	15	16						
Overall length	mm	133	142	142	151	151	151	160	160	169	178						
Helix length	mm	87	94	94	101	101	101	108	108	114	120						
8465G	Each	31,10	33,90	36,60	39,10	42,90	43,50	71,40	77,90	86,90	99,70						

* Sizes running out of stock.



8468G

SCU



HARTMETALL

Prod. SCU - Orig. M.D. DRILLS - Art. 13892/89244

DIN 338. Type N, two cutting edges. Cutting angle 118°. SHORT pattern.
4 facet grinding. For high-resistance steel, Cr-Ni manganese steel and aluminium.
Cylindrical shank.

Ø	mm	2	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4
Overall length	mm	49	49	53	53	57	57	57	61	61	61	61	65	65	65	70
Helix length	mm	24	24	27	27	30	30	30	33	33	33	33	36	36	36	39
8468G	Each	6,34	7,20	8,04	8,04	8,04	8,04	11,20	11,20	11,20	11,20	10,50	10,50	10,50	10,50	12,10
Ø	mm	3,5	3,6	3,7	3,8	3,9	4	4,1	4,2	4,3	4,4	4,5	4,6	4,8	4,9	5
Overall length	mm	70	70	70	75	75	75	75	80	80	80	80	80	86	86	86
Helix length	mm	39	39	39	43	43	43	43	47	47	47	47	47	52	52	52
8468G	Each	11,20	12,70	12,70	12,70	12,70	12,70	13,60	13,60	17,70	17,70	16,10	18,40	18,40	18,40	17,70
Ø	mm	5,1	5,2	5,3	5,5	5,6	5,8	5,9	6	6,1	6,2	6,5	6,8	6,9	7	7,2
Overall length	mm	86	86	86	93	93	93	93	93	101	101	101	109	109	109	109
Helix length	mm	52	52	52	57	57	57	57	57	63	63	63	69	69	69	69
8468G	Each	31,80	23,60	23,60	24,10	25,10	25,10	25,10	24,90	31,80	31,80	31,10	36,70	58,60	36,70	44,50
Ø	mm	7,4	7,5	7,6	7,7	7,9	8	8,2	8,5	8,6*	9	9,1*	9,3	9,4	9,5	9,6*
Overall length	mm	109	109	117	117	117	117	117	117	125	125	125	125	125	125	133
Helix length	mm	69	69	75	75	75	75	75	75	81	81	81	81	81	81	87
8468G	Each	44,50	36,70	52,90	43,80	83,20	43,00	55,70	50,10	107,00	52,20	76,40	69,10	69,10	57,90	88,80
Ø	mm	9,7	9,8	9,9	10	10,5	11	11,5	12							
Overall length	mm	133	133	133	133	133	142	142	151							
Helix length	mm	87	87	87	87	87	94	94	101							
8468G	Each	71,90	71,90	71,90	64,20	74,80	90,30	95,90	105,00							

* Sizes running out of stock.

LONG DRILLS FOR METALS, RIGHT-HAND ROTATION

8480G



HSS

Orig. Hartner - Art. 81310

DIN 340. Type N. HSS. Cutting angle 118°. LONG pattern.
For steel up to R higher than 900 N/sqmm, cast iron, aluminium alloys and pressure die-casts.
Cylindrical shank.

Ø	mm	1	1,1	1,2	1,3	1,4	1,5	1,6	1,8	1,9	2	2,1	2,2	2,25	2,3	2,4	2,5
Overall length	mm	56	60	65	65	70	70	76	80	80	85	85	90	90	90	95	95
Helix length	mm	33	37	41	41	45	45	50	53	53	56	56	59	59	59	62	62
8480G	Each	8,48	8,66	7,98	7,62	6,94	5,94	6,12	6,12	6,12	4,00	5,08	5,08	8,16	5,54	5,08	4,32
Ø	mm	2,6	2,7	2,75	2,8	2,9	3	3,1	3,2	3,25	3,3	3,4	3,5	3,6	3,7	3,75	3,8
Overall length	mm	95	100	100	100	100	100	106	106	106	106	112	112	112	112	119	119
Helix length	mm	62	66	66	66	66	66	69	69	69	69	73	73	73	73	73	78
8480G	Each	5,36	5,94	8,66	5,44	6,04	4,36	5,44	4,62	8,16	5,26	6,48	5,18	6,48	6,58	9,62	6,12
Ø	mm	3,9	4	4,1	4,2	4,25	4,3	4,4	4,5	4,6*	4,7	4,75	4,8	4,9	5	5,1	5,2
Overall length	mm	119	119	119	119	119	126	126	126	126	126	132	132	132	132	132	132
Helix length	mm	78	78	78	78	78	82	82	82	82	82	87	87	87	87	87	87
8480G	Each	6,58	5,62	6,58	5,76	11,60	6,94	7,72	6,48	6,84	7,62	15,70	7,72	7,72	7,16	7,90	7,98
Ø	mm	5,25	5,3	5,4	5,5	5,6	5,7	5,75	5,8	5,9	6	6,1	6,2	6,25	6,3	6,5	6,6
Overall length	mm	132	132	139	139	139	139	139	139	139	139	148	148	148	148	148	148
Helix length	mm	87	87	91	91	91	91	91	91	91	91	97	97	97	97	97	97
8480G	Each	15,80	8,94	9,20	8,16	9,20	8,16	17,40	8,48	9,62	8,94	9,12	9,70	20,40	10,20	9,70	12,90
Ø	mm	6,7	6,75	6,8	6,9	7	7,1	7,2	7,25*	7,3	7,4*	7,5	7,6*	7,8	8	8,1	8,2
Overall length	mm	148	156	156	156	156	156	156	156	156	156	165	165	165	165	165	165
Helix length	mm	97	102	102	102	102	102	102	102	102	102	102	109	109	109	109	109
8480G	Each	13,50	14,90	13,80	15,20	11,20	16,40	16,40	22,20	17,00	16,10	13,50	16,20	15,80	13,30	18,10	15,80
Ø	mm	8,4*	8,5	8,6*	8,8	8,9	9	9,1*	9,3*	9,4	9,5	9,6*	9,7	9,75	9,8	9,9*	10
Overall length	mm	165	165	175	175	175	175	175	175	175	175	184	184	184	184	184	184
Helix length	mm	109	109	115	115	115	115	115	115	115	115	121	121	121	121	121	121
8480G	Each	19,50	15,30	19,90	24,20	27,60	16,00	24,50	25,50	26,70	19,40	25,50	26,20	35,40	26,20	28,20	19,10
Ø	mm	10,25	10,5	10,75	11	11,25	11,5	11,75	12	12,5	13	13,5	14	15	16	19,5*	20
Overall length	mm	184	184	195	195	195	195	195	205	205	205	214	214	220	227	254	254
Helix length	mm	121	121	128	128	128	128	128	134	134	134	140	140	144	149	166	166
8480G	Each	35,40	26,70	43,10	27,60	57,10	31,10	55,20	35,40	35,40	37,30	41,10	46,10	57,10	69,70	174,00	113,00
Ø	mm	20,5	23,5*	24,5*	25*												
Overall length	mm	261	275	282	282												
Helix length	mm	171	180	185	185												
8480G	Each	217,00	396,00	160,00	164,00												

Up to Ø 6.7mm in 10pcs packing units. - * Sizes running out of stock.



LONG DRILLS FOR BRASS, BRONZE AND NON-FERROUS ALLOYS, RIGHT-HAND ROTATION

Orig. Hartner - Art. 81320-118°

DIN 340. Type H. HSS. Cutting angle 118°. LONG pattern.
For brass, bronze, short-chip non-ferrous alloys.
Cylindrical shank.



8481G



Ø	mm	1	1,2	1,3	1,4*	1,6	1,7*	1,8	1,9*	2	2,2	2,3	2,5	2,6	2,7
Overall length	mm	56	65	65	70	76	76	80	80	85	90	90	95	95	100
Helix length	mm	33	41	41	45	50	50	53	53	56	59	59	62	62	66
8481G	Each	13,80	14,20	15,10	12,50	12,40	11,80	13,70	10,10	8,86	12,40	10,70	9,78	13,20	10,30
Ø	mm	2,8*	2,9	3	3,1	3,2	3,3*	3,4*	3,5	3,6	3,7*	3,9	4	4,1	4,2
Overall length	mm	100	100	100	106	106	106	112	112	112	112	119	119	119	119
Helix length	mm	66	66	66	69	69	69	73	73	73	73	78	78	78	78
8481G	Each	9,70	11,70	9,44	13,20	12,80	13,50	18,30	11,60	23,80	5,18	26,10	11,90	24,30	14,80
Ø	mm	4,5	4,6*	4,7	5	5,5	5,7*	5,8*	5,9	6	6,2	6,5*	6,7*	6,8	7
Overall length	mm	126	126	126	132	139	139	139	139	139	148	148	148	156	156
Helix length	mm	82	82	82	87	91	91	91	91	91	97	97	97	102	102
8481G	Each	14,40	21,40	26,60	15,90	18,50	37,90	46,30	48,50	19,60	50,40	28,10	60,60	59,70	30,30
Ø	mm	7,2*	7,3*	7,5	7,8*	8	8,2*	8,3*	8,4*	9*	10*	10,5*	11*	11,5*	
Overall length	mm	156	156	156	165	165	165	165	165	175	184	184	195	195	
Helix length	mm	102	102	102	109	109	109	109	109	115	121	121	128	128	
8481G	Each	56,10	37,10	55,10	41,80	33,50	62,30	32,40	43,90	41,40	41,90	43,90	45,70	46,10	

Up to Ø 6.7mm in 10pcs packing units. - * Sizes running out of stock.

DRILLS FOR ALUMINIUM AND COPPER, RIGHT-HAND ROTATION

Orig. Hartner - Art. 81330

DIN 340. Type W. HSS. Cutting angle 130°. LONG pattern.
For aluminium, copper and relevant alloys.
Cylindrical shank.



8481GE

Ø	mm	2	2,5	3	3,2	3,5	4	4,5	5	5,5	6	6,5
Overall length	mm	85	95	100	106	112	119	126	132	139	139	148
Helix length	mm	56	62	66	69	73	78	82	87	91	91	97
8481GE	Each	8,34	9,26	9,78	13,60	12,30	14,40	14,20	19,20	20,00	27,10	
Ø	mm	7	7,5	8	8,5	9	9,5*	10	11*	12*	13*	
Overall length	mm	156	156	165	165	175	175	184	195	205	205	
Helix length	mm	102	102	109	109	115	115	121	128	134	134	
8481GE	Each	28,10	41,50	30,30	42,40	43,30	64,10	50,40	76,60	106,00	82,50	



Up to Ø 6.5mm in 10pcs packing units. - * Sizes running out of stock.

LONG DRILLS FOR METALS, RIGHT-HAND ROTATION

Orig. Hartner - Art. 81340

DIN 340. Type FN. HSS. Cutting angle 130°. LONG pattern.
Thinned cutting edge according to DIN 1412 A.
For steel up to R 1000 N/sqmm, cast iron, aluminium and aluminium alloys.
Cylindrical shank.



8482G



Ø	mm	1	1,2	1,4	1,5	1,7	1,8	1,9	2	2,1	2,3	2,4	2,5	2,6	2,7	2,8	2,9
Overall length	mm	56	65	70	70	76	80	80	85	85	90	95	95	95	100	100	100
Helix length	mm	33	41	45	45	50	53	53	56	56	59	62	62	62	66	66	66
8482G	Each	14,40	14,60	14,10	11,90	11,30	11,30	11,20	10,50	11,90	12,30	12,60	11,10	12,60	13,20	12,90	13,10
Ø	mm	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4	4,1	4,2	4,3	4,4	4,5
Overall length	mm	100	106	106	106	112	112	112	112	119	119	119	119	119	126	126	126
Helix length	mm	66	69	69	69	73	73	73	73	78	78	78	78	78	82	82	82
8482G	Each	11,20	14,80	12,60	14,40	15,20	12,90	17,40	16,30	15,70	16,10	14,10	17,70	15,70	17,50	20,20	16,10
Ø	mm	4,6*	4,7	4,8	5	5,1	5,2	5,4	5,5	5,6	5,7	5,8	5,9	6	6,1*	6,2	6,3
Overall length	mm	126	126	132	132	132	132	139	139	139	139	139	139	139	148	148	148
Helix length	mm	82	82	87	87	87	87	91	91	91	91	91	91	91	97	97	97
8482G	Each	21,80	18,40	19,20	17,10	21,10	22,80	23,40	20,10	26,70	26,70	27,80	28,30	20,60	29,80	31,10	32,20
Ø	mm	6,5	6,6*	6,7*	6,8	6,9	7	7,1*	7,2*	7,3	7,4*	7,5	7,6*	7,7*	7,8*	7,9*	8
Overall length	mm	148	148	148	156	156	156	156	156	156	156	156	165	165	165	165	165
Helix length	mm	97	97	97	102	102	102	102	102	102	102	102	109	109	109	109	109
8482G	Each	23,40	33,50	34,50	36,10	36,70	26,70	43,10	39,80	46,70	43,60	33,90	47,30	47,80	45,10	46,70	30,60
Ø	mm	8,2	8,3*	8,4*	8,5	8,6	8,7*	8,8	8,9*	9	9,1*	9,2*	9,3*	9,4*	9,5	9,6*	9,7
Overall length	mm	165	165	165	165	175	175	175	175	175	175	175	175	175	175	184	184
Helix length	mm	109	109	109	109	115	115	115	115	115	115	115	115	115	115	121	121
8482G	Each	42,80	49,90	52,60	40,70	52,80	46,20	52,80	55,20	38,40	60,50	58,40	60,50	73,30	61,20	80,70	85,60
Ø	mm	9,8	9,9	10	11	11,2*	11,5	11,8	12	12,2	12,5	12,8	13				
Overall length	mm	184	184	184	195	195	195	195	205	205	205	205	205				
Helix length	mm	121	121	121	128	128	128	128	134	134	134	134	134				
8482G	Each	80,10	103,00	46,20	70,10	144,00	122,00	154,00	85,60	176,00	96,70	100,00	102,00				

Up to Ø 6.7mm in 10pcs packing units. - * Sizes running out of stock.



8487G



HSS-E

Orig. Hartner - Art. 81341

DIN 340. Type FN. COBALT HSS-E. Cutting angle 130°.

LONG pattern.

Thinned cutting edge according to DIN 1412 A.

For very high-resistance steel, grey cast iron, spheroidal cast iron, stainless steel and spring steel.

Cylindrical shank.

Ø	mm	1	1,2	1,5	1,6	1,7*	1,8	1,9	2	2,1*	2,2	2,5	2,7	2,9	3	3,1	3,2	
Overall length	mm	56	65	70	76	76	80	80	85	85	90	95	100	100	100	106	106	
Helix length	mm	33	41	45	50	50	53	53	56	56	59	62	66	66	66	69	69	
8487G	Each	17,70	21,50	17,10	19,40	18,30	19,20	19,40	13,20	16,80	17,40	14,10	18,90	21,10	14,60	18,10	17,20	
Ø	mm	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4	4,1*	4,2	4,3	4,4*	4,5	4,6*	4,7	4,8	
Overall length	mm	106	112	112	112	112	119	119	119	119	119	126	126	126	126	126	132	
Helix length	mm	69	73	73	73	73	78	78	78	78	78	82	82	82	82	82	87	
8487G	Each	19,30	18,60	17,20	19,70	20,20	18,60	20,10	18,40	19,60	20,30	21,50	23,90	21,80	25,50	23,40	25,10	
Ø	mm	4,9	5	5,1*	5,2*	5,3*	5,5	5,6	5,7	5,9*	6	6,1	6,2*	6,3	6,4	6,5	6,6	
Overall length	mm	132	132	132	132	132	139	139	139	139	139	148	148	148	148	148	148	
Helix length	mm	87	87	87	87	87	91	91	91	91	91	97	97	97	97	97	97	
8487G	Each	25,10	21,80	25,10	27,60	32,40	25,70	35,50	34,50	33,50	26,70	37,80	31,90	39,50	37,30	30,60	36,70	
Ø	mm	6,8	6,9	7	7,1*	7,2*	7,3*	7,4*	7,5	7,6*	7,7*	7,8	7,9*	8	8,2*	8,3	8,4*	
Overall length	mm	156	156	156	156	156	156	156	156	165	165	165	165	165	165	165	165	
Helix length	mm	102	102	102	102	102	102	102	102	109	109	109	109	109	109	109	109	
8487G	Each	38,40	41,70	34,50	44,60	52,60	46,70	55,20	42,80	52,60	59,50	64,50	62,70	36,10	54,20	67,80	66,90	
Ø	mm	8,6	8,7	8,8	8,9*	9*	9,1*	9,2*	9,3*	9,4*	9,6*	9,7	9,8	9,9*	10	10,5	11	
Overall length	mm	175	175	175	175	175	175	175	175	184	184	184	184	184	184	195	195	
Helix length	mm	115	115	115	115	115	115	115	115	115	121	121	121	121	121	121	128	
8487G	Each	70,10	65,60	76,70	77,50	45,10	78,60	82,80	82,80	79,60	88,10	97,90	99,10	96,60	70,10	93,30	108,00	
Ø	mm	11,5*																
Overall length	mm	195																
Helix length	mm	128																
8487G	Each	126,00																

Up to Ø 6.6mm in 10pcs packing units. - * Sizes running out of stock.

8490G



TIN



HSS

Orig. Hartner - Art. 84418

DIN 340. Type N. HSS-TIN. Cutting angle 118°. LONG pattern.

Sharpening according to DIN 1414, form N. TIN-treated surface.

For steel up to R 900/sqmm, cast iron, spheroidal cast iron, aluminium and short-chip aluminium alloys, bronze, brass.

Cylindrical shank.

Ø	mm	1	1,5	2	2,2*	2,5	2,8	3	3,3	3,8	4	4,2	4,5*	5	5,2*	5,5	
Overall length	mm	56	70	85	90	95	100	100	106	119	119	119	126	132	132	139	
Helix length	mm	33	45	56	59	62	66	66	69	78	78	78	82	87	87	91	
8490G	Each	20,60	17,60	15,50	17,40	15,50	18,90	15,80	16,60	18,10	17,20	17,20	17,10	18,90	21,10	20,60	
Ø	mm	6	6,2*	7	7,2	7,5*	7,8	8	8,2*	8,5	9	9,2*	9,5	10	10,5*	10,8*	
Overall length	mm	139	148	156	156	156	165	165	165	165	175	175	175	184	184	195	
Helix length	mm	91	97	102	102	102	109	109	109	109	115	115	115	121	121	128	
8490G	Each	21,00	37,10	36,10	45,70	36,50	45,70	37,70	40,60	41,40	42,50	54,50	51,10	44,70	43,70	66,80	
Ø	mm	11,5	12														
Overall length	mm	195	205														
Helix length	mm	128	134														
8490G	Each	67,70	65,60														

Up to Ø 6.5mm in 10pcs packing units. - * Sizes running out of stock.

EXTRA-LONG DRILLS FOR METALS, RIGHT-HAND ROTATION

8492G



HSS

Orig. Hartner - Art. 81440

DIN 1869. Type FN. HSS. Cutting angle 130°.

EXTRA-LONG pattern.

For steel and steel cast iron up to R 1000 N/sqmm, spheroidal cast iron, aluminium and aluminium alloys, brass and bronze.

Cylindrical shank.

Ø	mm	2	2,5	3	3,2	3,5	4	4,2	4,5	5	5,1	5,2	5,5	6
Overall length	mm	125	140	150	155	165	175	175	185	195	195	195	205	205
Helix length	mm	85	95	100	105	115	120	120	125	135	135	135	140	140
8492G	Each	19,70	19,70	22,10	27,30	22,10	22,80	30,60	25,70	25,70	41,20	40,70	29,10	27,80
Ø	mm	6,5	7	7,5	8	8,5	9	9,5	10	10,5	11	11,5	12	
Overall length	mm	215	225	225	240	240	250	250	265	265	280	280	295	
Helix length	mm	150	155	155	165	165	175	175	185	185	195	195	205	
8492G	Each	39,50	40,70	49,10	50,10	64,50	70,10	82,20	72,30	127,00	96,70	117,00	110,00	



Orig. Hartner - Art. 81540

Product description as Art. 8492G

Cylindrical shank.

Ø	mm	3	3,5	4	4,5	5	5,5	6	6,5
Overall length	mm	190	210	220	235	245	260	260	275
Helix length	mm	130	145	150	160	170	180	180	190
8494G	Each	30,10	33,90	31,70	35,50	34,50	42,80	41,20	49,50
Ø	mm	7	7,5	8	8,5	9	9,5	10	10,2
Overall length	mm	290	290	305	305	320	320	340	340
Helix length	mm	200	200	210	210	220	220	235	235
8494G	Each	51,60	74,40	60,10	94,50	92,20	112,00	99,10	150,00
Ø	mm	10,5	11	11,5	12	12,5	13		
Overall length	mm	340	365	365	375	375	375		
Helix length	mm	235	250	250	260	260	260		
8494G	Each	148,00	139,00	164,00	158,00	167,00	172,00		



8494G



Orig. Hartner - Art. 81640

Product description as Art. 8492G

Cylindrical shank.

Ø	mm	3,5	4	4,5	5	5,5	6	6,5
Overall length	mm	265	280	295	315	330	330	350
Helix length	mm	180	190	200	210	225	225	235
8496G	Each	41,70	40,70	50,60	49,50	52,80	55,50	60,10
Ø	mm	7	7,5	8	8,5	9	9,5*	10
Overall length	mm	370	370	390	390	410	410	430
Helix length	mm	250	250	265	265	280	280	295
8496G	Each	77,80	97,90	90,10	114,00	123,00	150,00	145,00
Ø	mm	11,5	12	12,5	13			
Overall length	mm	455	480	480	480			
Helix length	mm	310	330	330	330			
8496G	Each	185,00	197,00	194,00	197,00			



8496G



* Sizes running out of stock.

SOLID CARBIDE TWIST DRILLS, HIGH-PERFORMANCE, RIGHT-HAND ROTATION

Prod. SCU - Orig. M.D. DRILLS - Art. 13880/89413

Particular sharpening and special web thinning ensure max drilling parameters, precise hole alignment, minimum diameter tolerances and good finishing of the hole surface. Suitable for high-precision and high-performance machines. For building and case hardening steel, steel cast iron, quenched and tempered steel, alloy steel with breaking load up to R 1200 N/sqmm, carbonium steel and aluminium alloys with high silicium content.

DIN 6537. 140 ° cutting angle.

Extra short model for drilling depths 3 x D.

Cylindrical drive. DIN 6536 HA compliant. TIALN treatment.

Ø	mm	3	3,3	3,5	4	4,2	4,5	4,8	5	5,5	5,8	6	6,5	6,8	7	7,5
Overall length	mm	62	62	62	66	66	66	66	66	66	66	66	79	79	79	79
Helix length	mm	20	20	20	24	24	24	28	28	28	28	28	34	34	34	41
Drive Ø	mm	6	6	6	6	6	6	6	6	6	6	6	8	8	8	8
Drive length	mm	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
8497GA	Each	39,50	39,50	39,50	39,50	39,50	39,50	39,50	39,50	39,50	39,50	39,50	39,50	39,50	39,50	39,50
Ø	mm	8	8,5	9	9,5	10	10,2	10,5	11	11,5	12	12,5	13			
Overall length	mm	79	89	89	89	89	102	102	102	102	102	107	107			
Helix length	mm	41	47	47	47	47	55	55	55	55	55	60	60			
Drive Ø	mm	8	10	10	10	10	12	12	12	12	12	14	14			
Drive length	mm	36	40	40	40	40	45	45	45	45	45	45	45			
8497GA	Each	39,50	43,80	43,80	43,80	43,80	65,60	65,60	65,60	65,60	65,60	87,50	87,50			

SCU



8497GA



TiAlN



HARTMETALL

Prod. SCU - Orig. M.D. DRILLS - Art. 13884/89414

Product description as Art. 8497GA

DIN 6537. 140 ° cutting angle. Short model for drilling depths 5 x D.

Cylindrical drive. DIN 6536 HA compliant. TIALN treatment.

Ø	mm	3	3,5	4	4,5	5	5,5	6	6,5	7	8	8,5	9	10	11	12	13
Overall length	mm	66	66	74	74	82	82	82	91	91	91	103	103	103	118	118	124
Helix length	mm	28	28	36	36	44	44	44	53	53	53	61	61	61	71	71	77
Drive Ø	mm	6	6	6	6	6	6	6	8	8	8	10	10	10	12	12	14
Drive length	mm	36	36	36	36	36	36	36	36	36	36	40	40	40	45	45	45
8497GE	Each	44,50	44,50	44,50	44,50	44,50	44,50	44,50	45,90	45,90	45,90	50,10	50,10	50,10	74,80	74,80	98,70

SCU



8497GE



TiAlN



HARTMETALL



8497GL



Prod. SCU - Orig. M.D. DRILLS - Art. 13886/89411

Product description as Art. 8497GA
DIN 6537. 140 ° cutting angle. Short model for drilling depths 5 x D.
Forced lubrication through internal cooling channels.
Cylindrical drive. DIN 6536 HA compliant. TIALN treatment.

TiAIN



HARTMETALL

Ø	mm	4	4,5	5	5,5	6	6,5	7	8	8,5	9	10	11	12	13
Overall length	mm	74	74	82	82	82	91	91	91	103	103	103	118	118	124
Helix length	mm	36	36	44	44	44	53	53	53	61	61	61	71	71	77
Drive Ø	mm	6	6	6	6	6	8	8	8	10	10	10	12	12	14
Drive length	mm	36	36	36	36	36	36	36	36	40	40	40	45	45	45
8497GL	Each	68,40	68,40	68,40	68,40	68,40	76,20	76,20	76,20	87,50	87,50	87,50	127,00	127,00	171,00

8497GP



Prod. SCU - Orig. M.D. DRILLS - Art. 13888/89412

Product description as Art. 8497GA
DIN 6537. 140 ° cutting angle. Long model for drilling depths 7 x D.
Forced lubrication through internal cooling channels.
Cylindrical drive. DIN 6536 HA compliant. TIALN treatment.

TiAIN



HARTMETALL

Ø	mm	5	5,5	6	6,5	7	8	8,5	9	10	11	12	13
Overall length	mm	90	97	97	106	116	116	131	131	139	155	163	182
Helix length	mm	50	57	57	66	76	76	87	87	95	106	114	133
Drive Ø	mm	6	6	6	8	8	8	10	10	10	12	12	14
Drive length	mm	36	36	36	36	36	36	40	40	40	45	45	45
8497GP	Each	141,00	141,00	141,00	164,00	164,00	164,00	198,00	198,00	198,00	261,00	261,00	370,00

SOLID CARBIDE TWIST DRILLS, K 10/20, HIGH-PERFORMANCE, RIGHT-HAND ROTATION

8499G



Orig. Hartner - Art. 89293

Straight discharge TS 150 GG. Cutting angle 120°. LONG pattern for 10xD drilling depth.
Forced lubrication through internal cooling channels.
Particular sharpening and special web thinning ensure max drilling parameters, precise hole alignment, minimum diameter tolerances and good finishing of the hole surface. Suitable for high-precision and high-performance machines. To be used with high-strength precision chucks such as Center P orig. FAHRION Art. 1560GH-L-M. For aluminium and aluminium alloys, also with high silicium content.
Cylindrical shank according to DIN 6535 HA.

HARTMETALL

Ø	mm	4	4,5	5	5,5	6	6,5	7	8	8,5	9	10	11	12	13
Overall length	mm	121	121	121	121	121	146	146	146	175	175	175	209	209	233
Helix length	mm	77	77	82	82	82	106	106	106	130	130	130	159	159	183
Drive Ø	mm	6	6	6	6	6	8	8	8	10	10	10	12	12	14
Drive length	mm	36	36	36	36	36	36	36	36	40	40	40	45	45	45
8499G	Each	99,70	99,70	99,70	99,70	99,70	131,00	131,00	131,00	166,00	166,00	166,00	205,00	205,00	274,00

STUB DRILLS, RIGHT HAND CUTTING

8500G



Orig. Hartner - Art. 82010

DIN 345. Type N. HSS. Cutting angle 118°. For steel up to R 900 N/sqmm, cast iron, spheroidal cast iron, aluminium and aluminium alloys, Morse taper shank.



HSS

Ø	mm	6	6,25*	6,5	6,75	7	7,25*	7,5	8	8,5	8,75	9	9,25*	9,5	9,75*	10
Overall length	mm	138	144	144	150	150	150	150	156	156	162	162	162	162	168	168
Helix length	mm	57	53	63	69	69	69	69	75	75	81	81	81	81	87	87
Drive	C.M.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8500G	Each	33,40	49,30	33,10	34,40	33,10	86,10	40,20	28,60	31,50	55,20	31,10	47,20	38,80	71,20	31,50
Ø	mm	10,25	10,5	10,75	11	11,25	11,5	11,75	12	12,25	12,5	12,75	13	13,25	13,5	13,75
Overall length	mm	168	168	175	175	175	175	175	182	182	182	182	182	189	189	189
Helix length	mm	87	87	94	94	94	94	94	101	101	101	101	101	108	108	108
Drive	C.M.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8500G	Each	55,20	34,80	57,10	34,40	66,80	41,10	52,30	35,40	60,10	37,30	58,10	38,80	58,10	43,60	58,10
Ø	mm	14	14,25	14,5	14,75	15	15,25	15,5	15,75	16	16,25	16,5	16,75	17	17,25	17,5
Overall length	mm	189	212	212	212	212	218	218	218	218	223	223	223	223	228	228
Helix length	mm	108	114	114	114	114	120	120	120	120	125	125	125	125	130	130
Drive	C.M.	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8500G	Each	40,20	69,70	43,10	76,50	45,10	65,90	48,40	66,80	48,40	81,30	52,30	74,50	55,20	79,40	56,20

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Prices in EURO . VAT not included



Ø	mm	17,75	18	18,25	18,5	18,75	19	19,25	19,5	19,75	20	20,25	20,5	20,75	21	21,25
Overall length	mm	228	228	233	233	233	233	238	238	238	238	243	243	243	243	248
Helix length	mm	130	130	135	135	135	135	140	140	140	140	145	145	145	145	150
Drive	C.M.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8500G	Each	76,50	59,10	88,00	63,10	84,20	63,10	97,70	72,60	94,80	67,70	111,00	71,60	107,00	76,50	116,00
Ø	mm	21,5	21,75	22	22,25	22,5	22,75	23	23,25	23,5	23,75	24	24,5	24,75	25	25,25
Overall length	mm	248	248	248	248	253	253	253	276	276	281	281	281	281	281	286
Helix length	mm	150	150	150	150	155	155	155	155	155	160	160	160	160	160	165
Drive	C.M.	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
8500G	Each	87,10	110,00	84,20	116,00	91,10	116,00	98,80	144,00	97,70	152,00	104,00	107,00	166,00	116,00	168,00
Ø	mm	25,5	25,75	26	26,25	26,5	27	27,25	27,5	27,75	28	28,25	28,5	28,75	29	29,25
Overall length	mm	286	286	286	286	286	291	291	291	291	291	296	296	296	296	296
Helix length	mm	165	165	165	165	165	170	170	170	170	170	175	175	175	175	175
Drive	C.M.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8500G	Each	118,00	172,00	131,00	211,00	127,00	131,00	208,00	135,00	225,00	143,00	219,00	178,00	295,00	155,00	285,00
Ø	mm	29,5	29,75	30	30,5	31	31,25	31,5	31,75	32	32,5	33	33,5	34	34,5	35
Overall length	mm	296	296	296	301	301	301	301	306	334	334	334	334	339	339	339
Helix length	mm	175	175	175	180	180	180	180	185	185	185	185	185	190	190	190
Drive	C.M.	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
8500G	Each	161,00	227,00	155,00	190,00	186,00	335,00	211,00	219,00	194,00	237,00	210,00	258,00	244,00	285,00	250,00
Ø	mm	35,5	36	36,5	37	37,5	38	38,5	39	39,5	40	40,5	41	41,5	42	42,5*
Overall length	mm	339	344	344	344	344	349	349	349	349	349	354	354	354	354	354
Helix length	mm	190	195	195	195	195	200	200	200	200	200	205	205	205	205	205
Drive	C.M.	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8500G	Each	324,00	270,00	333,00	293,00	330,00	310,00	391,00	343,00	428,00	355,00	482,00	378,00	494,00	417,00	555,00
Ø	mm	43	43,5	44	44,5*	45	45,5	46	46,5	47	47,5	48	48,5	49	49,5	50
Overall length	mm	359	359	359	359	359	364	364	364	364	364	369	369	369	369	369
Helix length	mm	210	210	210	210	210	215	215	215	215	215	220	220	220	220	220
Drive	C.M.	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8500G	Each	436,00	552,00	461,00	527,00	478,00	620,00	494,00	717,00	533,00	775,00	542,00	717,00	600,00	717,00	591,00
Ø	mm	51	52	53	54	55	56	57	58	59	60					
Overall length	mm	412	412	412	417	417	417	422	422	422	422					
Helix length	mm	225	225	225	230	230	230	235	235	235	235					
Drive	C.M.	5	5	5	5	5	5	5	5	5	5					
8500G	Each	775,00	765,00	900,00	823,00	842,00	958,00	900,00	1.020,00	1.170,00	1.040,00					

* Sizes running out of stock.

Orig. Hartner - Art. 82011

DIN 345. Type N. COBALT HSS-E. Cutting angle 118°.

Thinned cutting edge according to DIN 1412 A. For steel up to R 1000 N/sqmm, cast iron, hardened cast iron, graphite, aluminium alloys, bronze and brass.

Morse taper shank.



Ø	mm	6	8*	9	10	10,5	11*	11,5	12	12,5*	13	13,5	14	14,5	14,75*	15
Overall length	mm	138	156	162	168	168	175	175	182	182	182	189	189	212	212	212
Helix length	mm	57	75	81	87	87	94	94	101	101	101	108	108	114	114	114
Drive	C.M.	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
8503G	Each	75,50	63,20	68,10	63,40	72,70	65,90	86,70	73,70	78,40	77,40	103,00	86,70	96,90	148,00	99,70
Ø	mm	15,25	15,5	15,75	16	16,25	16,5	16,75	17	17,25	17,5	18	18,5	19,5	19,75*	20
Overall length	mm	218	218	218	218	223	223	223	223	228	228	228	233	238	238	238
Helix length	mm	120	120	120	120	125	125	125	125	130	130	130	135	140	140	140
Drive	C.M.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8503G	Each	148,00	107,00	128,00	106,00	157,00	111,00	150,00	111,00	132,00	106,00	113,00	129,00	154,00	139,00	130,00
Ø	mm	20,25*	20,5	21	21,25*	21,5	22	22,5*	23	23,5*	24	24,5	25	25,5*	26	26,5
Overall length	mm	243	243	243	248	248	248	253	253	276	281	281	281	286	286	286
Helix length	mm	145	145	145	150	150	150	155	155	155	160	160	160	165	165	165
Drive	C.M.	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
8503G	Each	223,00	144,00	155,00	193,00	204,00	179,00	209,00	202,00	207,00	233,00	247,00	233,00	300,00	273,00	317,00
Ø	mm	27	27,5	28	28,5	29	29,5*	30	31	31,5	32	33	34*	37*	38	39*
Overall length	mm	291	291	291	296	296	296	296	301	301	334	334	339	344	349	349
Helix length	mm	170	170	170	175	175	175	175	180	180	185	185	190	195	200	200
Drive	C.M.	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
8503G	Each	299,00	355,00	342,00	407,00	356,00	374,00	330,00	388,00	504,00	407,00	433,00	440,00	472,00	634,00	657,00
Ø	mm	42*	43*	45*	46*	47*										
Overall length	mm	354	359	359	364	364										
Helix length	mm	205	210	210	215	215										
Drive	C.M.	4	4	4	4	4										
8503G	Each	908,00	1.050,00	794,00	783,00	981,00										

* Sizes running out of stock.



DRILLS FOR STAINLESS STEEL AND ALLOYS, RIGHT-HAND ROTATION

8510G



INOX

Orig. Hartner - Art. 82012

DIN 345. Type IS Inox-Drill. COBALT HSS-E.

Cutting angle 130°.

Particular drill geometry with special spiral flute and web shape for easier chip ejection.

For stainless steel V2A and V4A, aluminium and copper alloys.

Morse taper shank.



HSS-E

Ø	mm	10*	10,2*	10,5*	11,5	12,8*	14	15	15,25*	15,75*	16*	16,5	17	17,25*	17,5	18
Overall length	mm	168	168	168	175	182	189	212	218	218	218	223	223	228	228	228
Helix length	mm	87	87	87	94	101	108	114	120	120	120	125	125	130	130	130
Drive	C.M.	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
8510G	Each	62,70	64,70	64,70	114,00	85,60	107,00	135,00	131,00	143,00	127,00	152,00	128,00	147,00	141,00	145,00
Ø	mm	18,5*	20	21	22,5*	23,5*	24*	26	27,5*	28*	29*	29,5*	30*	31,5*	32*	
Overall length	mm	233	238	243	253	276	281	286	291	296	296	296	296	301	334	
Helix length	mm	135	140	145	155	155	160	165	170	170	175	175	175	180	185	
Drive	C.M.	2	2	2	2	3	3	3	3	3	3	3	3	3	4	
8510G	Each	150,00	162,00	192,00	280,00	201,00	208,00	356,00	481,00	417,00	440,00	445,00	289,00	552,00	588,00	

* Sizes running out of stock.

CARBIDE TIPPED TWIST DRILLS, RIGHT-HAND ROTATION

8512G



Prod. SCU - Art. 89302

DIN 8041. Type N. HSS body.

SOLID CARBIDE K 10/20 cutting edges.

Cutting angle 118°.

For high-resistance hardened steel, manganese, nickel, cast iron, bronze, brass, bakelite, glassfiber reinforced plastics, etc.

Morse taper shank.



HARTMETALL

Ø	mm	10	11,5	12	12,5	13	14	14,5	15	16	17	18	19	20	23	25
Overall length	mm	140	146	146	146	146	168	168	168	175	175	185	185	215	225	225
Helix length	mm	50	56	56	56	56	63	63	63	70	70	80	80	90	110	100
Drive	C.M.	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3
8512G	Each	83,10	99,50	80,40	103,00	109,00	99,50	135,00	112,00	116,00	123,00	116,00	126,00	154,00	182,00	194,00

Size mm 23 running out of stock.

8513G



Prod. SCU

Similar to DIN 345. HSS body.

SOLID CARBIDE cutting edges.

Cutting angle 120°.

For manganese hardened steel, nickel, cast iron, bronze, brass, aluminium, bakelite, etc. with resistance ranging from R 700N/sqmm to R 2300 N/sqmm.

Morse taper shank.



HARTMETALL

Ø	mm	10	36	37	38	39
Overall length	mm	168	344	344	349	349
Helix length	mm	87	195	195	200	200
Drive	C.M.	1	4	4	4	4
8513G	Each	52,10	422,00	456,00	477,00	504,00

Product running out of stock.

LONG DRILLS FOR METALS, RIGHT-HAND ROTATION

8515G



Orig. Hartner - Art. 82210

DIN 341. Type N. HSS. Cutting angle 118°. LONG pattern. For steel up to R 900N/sqmm, cast iron, spheroidal cast iron, aluminium and aluminium alloys, bronze and brass.

Morse taper shank.



HSS

Ø	mm	7	7,5*	8	8,5	10	10,5*	11	11,5*	13	13,5	14	14,5	15	15,5	16	16,5	17
Overall length	mm	174	174	181	181	197	197	206	206	215	223	223	245	245	251	251	257	257
Helix length	mm	93	93	100	100	116	116	125	125	134	142	142	147	147	153	153	159	159
Drive	C.M.	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
8515G	Each	43,60	29,90	39,30	39,70	45,60	45,30	47,90	45,80	48,40	54,20	54,20	69,70	67,70	65,90	71,60	76,50	74,50
Ø	mm	17,5	18	19	19,5	20	20,5	21	21,5	22	22,5	23	24	25	26	27	28	29
Overall length	mm	263	263	269	275	275	282	282	289	289	296	296	327	327	335	343	343	351
Helix length	mm	165	165	171	177	177	184	184	191	191	198	198	206	206	214	222	222	230
Drive	C.M.	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
8515G	Each	84,20	84,20	92,10	108,00	101,00	128,00	117,00	140,00	127,00	141,00	132,00	161,00	162,00	187,00	200,00	225,00	258,00
Ø	mm	30	33	34	35	36	37*	38	39	40*	41*	43*	44*	47*	48*	49	50	
Overall length	mm	351	397	406	406	416	416	426	426	426	436	447	447	459	470	470	470	
Helix length	mm	230	248	257	257	267	267	277	277	277	287	298	298	310	321	321	321	
Drive	C.M.	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
8515G	Each	256,00	330,00	418,00	403,00	461,00	405,00	504,00	533,00	527,00	694,00	535,00	666,00	650,00	832,00	949,00	920,00	

* Sizes running out of stock.



EXTRA-LONG DRILLS FOR METALS, RIGHT-HAND ROTATION

Orig. Hartner - Art. 82340

DIN 1870. Type FNR1. HSS. Cutting angle 130°, EXTRA-LONG pattern.

For steel up to 900 N/sqmm, cast iron, bronze and brass.

For deep holes up to 10 times the drill diameter, without chip discharge.

Morse taper shank.



Ø	mm	8	9	9,5*	10	10,5	11	12	13	13,5	14	15	16	17	17,5	18
Overall length	mm	265	275	275	285	285	300	310	310	325	325	340	355	355	370	370
Helix length	mm	165	175	175	185	185	195	205	205	220	220	220	230	230	245	245
Drive	C.M.	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
8520G	Each	92,20	110,00	120,00	119,00	157,00	126,00	127,00	139,00	156,00	150,00	164,00	172,00	177,00	192,00	192,00

Ø	mm	18,5*	19	20	20,5	21	22	23	24	25	28	28,5*	30
Overall length	mm	370	370	385	385	385	405	405	440	440	460	460	460
Helix length	mm	245	245	260	260	260	270	270	290	290	305	305	305
Drive	C.M.	2	2	2	2	2	2	2	3	3	3	3	3
8520G	Each	164,00	216,00	247,00	392,00	292,00	296,00	387,00	409,00	403,00	529,00	466,00	567,00

* Sizes running out of stock.

Orig. Hartner - Art. 82440

DIN 1870. Type FNR2. HSS. Cutting angle 130°, EXTRA-LONG pattern.

For steel up to 900 N/sqmm, cast iron, bronze and brass.

For deep holes up to 10 times the drill diameter, without chip discharge.

Morse taper shank.



Ø	mm	9*	9,5*	10	12	13	13,5	14	14,5	15	15,5	16	17	17,5	18	19
Overall length	mm	345	345	360	395	395	410	410	425	425	445	445	445	465	465	465
Helix length	mm	220	220	235	260	260	275	275	275	295	295	295	295	310	310	310
Drive	C.M.	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
8522G	Each	163,00	196,00	149,00	204,00	222,00	240,00	219,00	238,00	223,00	276,00	229,00	265,00	267,00	278,00	314,00

Ø	mm	19,5*	20	21	22	22,5*	23	23,5*	24	25	26	28	29	29,5*
Overall length	mm	490	490	490	515	515	515	535	555	555	555	580	580	580
Helix length	mm	325	325	325	345	345	345	345	365	365	365	385	385	385
Drive	C.M.	2	2	2	2	2	2	3	3	3	3	3	3	3
8522G	Each	351,00	343,00	380,00	434,00	386,00	536,00	423,00	498,00	500,00	612,00	778,00	789,00	874,00

* Sizes running out of stock.

LONG SERIES OIL FEED DRILLS, RIGHT HAND CUTTING

Orig. Hartner - Art. 82521

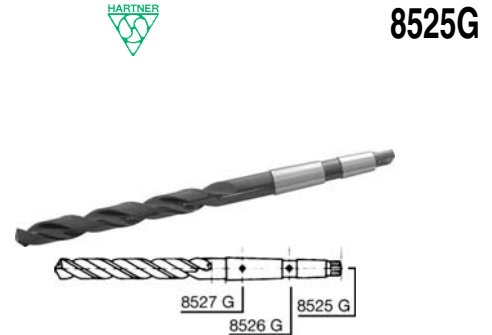
DIN 341. Type N. HSS. Cutting angle 118°.

Forced lubrication through internal cooling channels.

For steel up to R 900 N/sqmm, hardened cast iron, aluminium alloys, bronze and brass.

Morse taper shank.

Feeding through drive tang.



Ø	mm	10	11	12	13	14	15	16	17
Overall length	mm	233	242	251	251	259	264	270	276
Helix length	mm	116	125	134	134	142	147	153	159
Drive	C.M.	2	2	2	2	2	2	2	2
8525G	Each	259,00	277,00	267,00	263,00	267,00	281,00	293,00	308,00

Ø	mm	18	19*	20	21	22	24	25	26
Overall length	mm	282	307	313	320	327	342	342	350
Helix length	mm	165	171	177	184	191	206	206	214
Drive	C.M.	2	3	3	3	3	3	3	3
8525G	Each	314,00	405,00	340,00	372,00	394,00	424,00	488,00	532,00

Ø	mm	27	28	29	30	32	34*	35*	40
Overall length	mm	385	385	393	393	421	430	430	450
Helix length	mm	222	222	230	230	248	257	257	277
Drive	C.M.	4	4	4	4	4	4	4	4
8525G	Each	542,00	653,00	623,00	703,00	803,00	845,00	1.140,00	1.230,00

* Sizes running out of stock.



8526G



HSS

Orig. Hartner - Art. 82522

DIN 341. Type N. HSS. Cutting angle 118°.

Forced lubrication through internal cooling channels.

For steel up to R 900 N/sqmm, hardened cast iron, aluminium alloys, bronze and brass.

Morse taper shank.

Side feeding through the middle part of the morse taper shank.



Ø	mm	10	11	12	13	14	15	16	17*
Overall length	mm	233	242	251	251	259	264	270	276
Helix length	mm	116	125	134	134	142	147	153	159
Drive	C.M.	2	2	2	2	2	2	2	2
8526G	Each	259,00	277,00	267,00	263,00	267,00	281,00	293,00	274,00
Ø	mm	18	19*	20	21	22	24	25	26
Overall length	mm	282	307	313	320	327	342	342	350
Helix length	mm	165	171	177	184	191	206	206	214
Drive	C.M.	2	3	3	3	3	3	3	3
8526G	Each	314,00	396,00	340,00	372,00	394,00	424,00	488,00	532,00
Ø	mm	27	28	29	30	32	34*	35*	40
Overall length	mm	385	385	393	393	421	430	430	450
Helix length	mm	222	222	230	230	248	257	257	277
Drive	C.M.	4	4	4	4	4	4	4	4
8526G	Each	542,00	653,00	623,00	703,00	803,00	845,00	900,00	1.230,00

For coolant chucks for drills Art. 8526 G, see Art. 8637 GA-E.

* Sizes running out of stock.

8527G



HSS

Orig. Hartner - Art. 82523

DIN 341. Type N. HSS. Cutting angle 180°.

Forced lubrication through internal cooling channels.

For steel up to R 900 N/sqmm, hardened cast iron, aluminium alloys, bronze and brass.

Morse taper shank.

Side feeding through the end of the morse taper shank.



Ø	mm	10	11	12	13	14	15	16	17*
Overall length	mm	233	242	251	251	259	264	270	276
Helix length	mm	116	125	134	134	142	147	153	159
Drive	C.M.	2	2	2	2	2	2	2	2
8527G	Each	259,00	277,00	267,00	263,00	267,00	281,00	293,00	274,00
Ø	mm	18	19*	20	21	22	24	25	26
Overall length	mm	282	307	313	320	327	342	342	350
Helix length	mm	165	171	177	184	191	206	206	214
Drive	C.M.	2	3	3	3	3	3	3	3
8527G	Each	314,00	396,00	340,00	372,00	394,00	424,00	488,00	532,00
Ø	mm	27	28	29	30	32	34*	35*	40
Overall length	mm	385	385	393	393	421	430	430	450
Helix length	mm	222	222	230	230	248	257	257	277
Drive	C.M.	4	4	4	4	4	4	4	4
8527G	Each	542,00	653,00	623,00	703,00	803,00	845,00	900,00	1.230,00

* Sizes running out of stock.

STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE RIGHT, HAND CUTTING

8538G



HSS

Orig. Hartner - Art. 85920

Type N. HSS. Cutting angle 118°. Countersinking angle 90°.

Cylindrical shank.



For screws	M.	3	4	5	6	8	10	12
Guide tip Ø d	mm	2,5	3,3	4,2	5	6,8	8,5	10,2
Countersink D Ø	mm	3,4	4,5	5,5	6,6	9	11	13,5
Guiding spiral l length	mm	8,8	11,4	13,6	16,5	21	25,5	30
Spiral total length.	mm	20	24	28	31	40	47	54
Overall length	mm	52	58	66	70	84	95	107
8538G	Each	27,60	27,60	30,70	32,10	38,60	49,70	73,30

8538GE

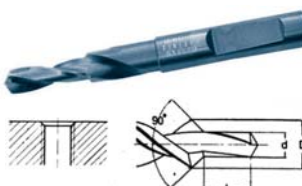


HARTMETALL

Orig. Hartner - Art. 89254

Type N. SOLID CARBIDE. Cutting angle 120°. Countersinking angle 90°.

Cylindrical shank according to DIN 6535 HE.



For screws	M.	5	6	8
Guide tip Ø d	mm	4,2	5	6,8
Countersink D Ø	mm	5,5	6,6	9
Guiding spiral l length	mm	13,6	16,5	21
Spiral total length.	mm	28	31	40
Overall length	mm	66	70	84
Drive Ø	mm	6	8	10
8538GE	Each	88,60	126,00	165,00

13



STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE, RIGHT HAND CUTTING

Orig. Hartner - Art. 85310

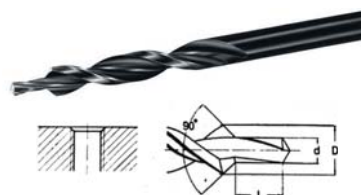
DIN 8378. Type N. HSS. Cutting angle 118°.
With independent flutes. Small spiral flute for drilling.
Big spiral flute with 90° countersinking angle.



HSS

8539G

For screws	M.	3	4	5	6	8	10	12
Guide tip Ø d	mm	2,5	3,3	4,2	5	6,8	8,5	10,2
Countersink D Ø	mm	3,4	4,5	5,5	6,6	9	11	13,5
Guiding spiral l length	mm	8,8	11,4	13,6	16,5	21	25,5	30
Spiral total length.	mm	39	47	57	63	81	94	108
Overall length	mm	70	80	93	101	125	142	160
8539G	Each	43,70	42,60	43,70	52,20	58,20	74,20	113,00



STRAIGHT SHANK SUBLAND DRILLS 180° INCLUDED ANGLE, RIGHT HAND CUTTING

Orig. Hartner - Art. 85918

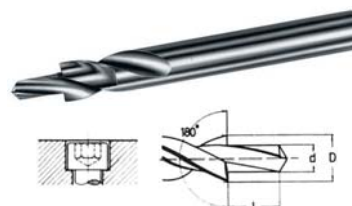
Type N. HSS. Cutting angle 118°.
180° angle, for seats of embedded flat die screws.
Cylindrical shank.



HSS

8540G

For screws	M.	3	4	5	6	8	10
Guide tip Ø d	mm	3,4	4,5	5,5	6,6	9	11
Countersink D Ø	mm	6	8	10	11	15	18
Guiding spiral l length	mm	9	11	13	15	19	23
Spiral total length.	mm	28	37	43	47	56	62
Overall length	mm	66	79	89	95	111	123
8540G	Each	34,20	36,70	43,70	50,20	63,20	108,00



STRAIGHT SHANK SUBLAND DRILLS 180° INCLUDED ANGLE,, RIGHT HAND CUTTING

Orig. Hartner - Art. 85210

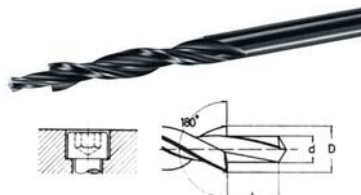
DIN 8376. Type N. HSS. Cutting angle 118°.
With independent flutes. Small spirial flute for drilling.
180° flat stepped bigger spiral flute.
Cylindrical shank.



HSS

8546G

For screws	M.	3	4	5	6	8	10
Guide tip Ø d	mm	3,4	4,5	5,5	6,6	9	11
Countersink D Ø	mm	6	8	10	11	15	18
Guiding spiral l length	mm	9	11	13	15	19	23
Spiral total length.	mm	57	75	87	94	114	130
Overall length	mm	93	117	133	142	169	191
8546G	Each	50,20	53,20	64,30	74,20	93,40	205,00



STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE, RIGHT HAND CUTTING

Orig. Hartner - Art. 85916

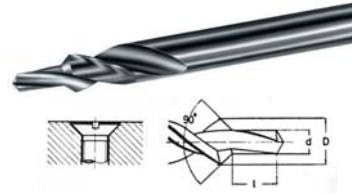
Type N. HSS. Cutting angle 118°.
90° countersinking angle for countersink-head screw seats. FINE tolerance.
Cylindrical shank.



HSS

8552G

For screws	M.	3	4	5	6	8	10
Guide tip Ø d	mm	3,2	4,3	5,3	6,4	8,4	10,5
Countersink D Ø	mm	6	8	10	11,5	15	19
Guiding spiral l length	mm	9	11	13	15	19	23
Spiral total length.	mm	28	37	43	47	56	64
Overall length	mm	66	79	89	95	111	127
8552G	Each	32,10	35,60	45,70	57,30	72,30	115,00



Orig. Hartner - Art. 85917

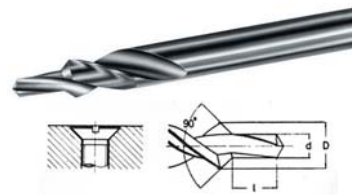
Type N. HSS. Cutting angle 118°.
90° countersinking angle for countersink-head screw seats. MEDIUM tolerance.
Cylindrical shank.



HSS

8553G

For screws	M.	3	4	5	6	8
Guide tip Ø d	mm	3,4	4,5	5,5	6,6	9
Countersink D Ø	mm	6,6	9	11	13	17,2
Guiding spiral l length	mm	9	11	13	15	19
Spiral total length.	mm	31	40	47	51	62
Overall length	mm	70	84	95	102	123
8553G	Each	35,60	38,60	53,20	63,20	107,00





STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE, RIGHT HAND CUTTING

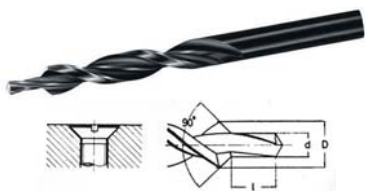
8558G



HSS

Orig. Hartner - Art. 85010

DIN 8374. Type N. HSS. Cutting angle 118°. With independent flutes.
Small spiral flute for drilling.
Bigger spiral flute with 90° countersinking angle for countersink-head screw seats.
FINE tolerance. Cylindrical shank.



For screws	M.	3	4	5	6	8
Guide tip Ø d	mm	3,2	4,3	5,3	6,4	8,4
Countersink D Ø	mm	6	8	10	11,5	15
Guiding spiral l length	mm	9	11	13	15	19
Spiral total length.	mm	57	75	87	94	114
Overall length	mm	93	117	133	142	169

8558G	Each	49,20	57,30	70,20	85,40	153,00
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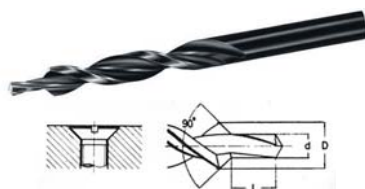
8559G



HSS

Orig. Hartner - Art. 85110

DIN 8374. Type N. HSS. Cutting angle 118°. With independent flutes.
Small spiral flute for drilling.
Bigger spiral flute with 90° countersinking angle for countersink-head screw seats.
MEDIUM tolerance. Cylindrical shank.



For screws	M.	3	4	5	6	8
Guide tip Ø d	mm	3,4	4,5	5,5	6,6	9
Countersink D Ø	mm	6,6	9	11	13	17,2
Guiding spiral l length	mm	9	11	13	15	19
Spiral total length.	mm	63	81	94	101	130
Overall length	mm	101	125	142	151	191

8559G	Each	60,20	72,30	81,30	123,00	227,00
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STRAIGHT SHANK DRILLS FOR THREADED 60° CENTRE HOLES, RIGHT HAND CUTTING

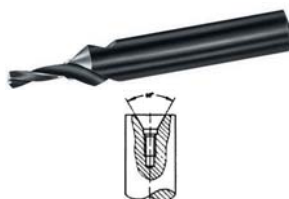
8573G



HSS

Orig. Hartner - Art. 85912

DIN 1414. Type N. HSS. Cutting angle 118°. With independent flutes. Small spiral flute for drilling.
Bigger spiral flute with 60° countersinking angle.
Suitable for centerings to be threaded. To be used with automatic machines.
Cylindrical shank.



For screws	M.	4	5	6	8	10	12
Guide tip Ø	mm	3,3	4,2	5	6,8	8,5	10,2
Countersink Ø	mm	8	10	12,5	14	16	20
Spiral length	mm	23	27	33	41	47	59
Guide tip length	mm	11	13	16	19,5	23	28
Overall length	mm	63	67	71	88	94	105

8573G	Each	102,00	104,00	120,00	132,00	143,00	186,00
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8575G



HSS

Orig. Hartner - Art. 85910

DIN 1414. Type N. HSS. Cutting angle 118°. With independent flutes. Small spiral flute for drilling. Bigger spiral flute with 60° countersinking angle. Suitable for centerings to be threaded. To be used with automatic machines.
Cylindrical shank with flat side surface and external lubrication channels.



For screws	M.	4	5	6	8	10	12	16	20
Guide tip Ø	mm	3,3	4,2	5	6,8	8,5	10,2	14	17,5
Countersink Ø	mm	8	10	12,5	14	16	20	25	31,5
Spiral length	mm	23	27	33	41	47	59	67	76
Guide tip length	mm	11	13	16	19,5	23	28	33	38
Overall length	mm	63	67	71	88	94	105	132	145

8575G	Each	112,00	121,00	132,00	126,00	143,00	187,00	263,00	356,00
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8576G



HSS

Orig. Hartner - Art. 85911

DIN 1414. Type N. HSS. Cutting angle 118°. With independent flutes. Small spiral flute for drilling.
Bigger spiral flute with 60° countersinking angle, with rounded chamfer.
Suitable for for centerings to be threaded. To be used with automatic machines.
Cylindrical shank with flat side surface and external lubrication channels.



For screws	M.	4	5	6	8	10	16
Guide tip Ø	mm	3,3	4,2	5	6,8	8,5	14
Countersink Ø	mm	8	10	12,5	14	16	25
Spiral length	mm	23	27	33	41	47	67
Guide tip length	mm	11	13	16	19,5	23	33
Overall length	mm	63	67	71	88	94	132

8576G	Each	119,00	123,00	136,00	138,00	160,00	285,00
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13

Prices in EURO . VAT not included

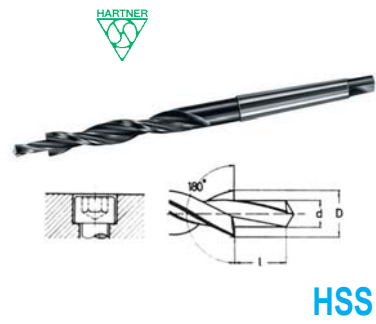


STRAIGHT SHANK SUBLAND DRILLS 180° INCLUDED ANGLE,, RIGHT HAND CUTTING

Orig. Hartner - Art. 85610

DIN 8377. Type N. HSS.
Cutting angle 118°. With independent flutes. Small spiral flute for drilling. 180° flat stepped bigger spiral flute. Morse taper shank.

For screws	M.	5	6	8	10	12	14	16	20
Guide tip Ø d	mm	5,5	6,6	9	11	13,5	15,5	17,5	22
Countersink D Ø	mm	10	11	15	18	20	24	26	33
Guiding spiral l length	mm	13	15	19	23	27	31	35	43
Spiral total length.	mm	87	94	114	130	140	160	165	185
Overall length	mm	168	175	212	228	238	281	286	334
Drive	C.M.	1	1	2	2	2	3	3	4
8584G	Each	110,00	103,00	122,00	166,00	198,00	259,00	316,00	474,00



8584G

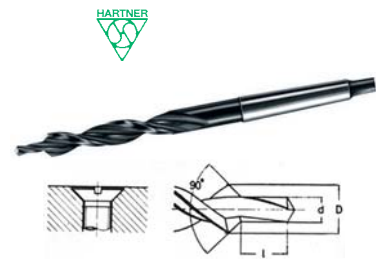
HSS

STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE, RIGHT HAND CUTTING

Orig. Hartner - Art. 85510

DIN 8375. Type N. HSS. Cutting angle 118°. With independent flutes. Small spiral flute for drilling. Bigger spiral flute with 90° countersinking angle for countersink-head screw seats. Morse taper shank.

For screws	M.	5	8	10
Guide tip Ø d	mm	5,5	9	11
Countersink D Ø	mm	11	17,2	21,5
Guiding spiral l length	mm	13	19	23
Spiral total length.	mm	94	130	150
Overall length	mm	175	228	248
Drive	C.M.	1	2	2
8587G	Each	142,00	164,00	244,00



8587G

HSS

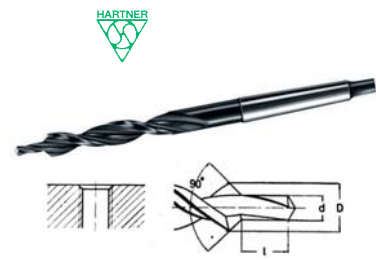
Size M 10 running out of stock.

STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE, RIGHT HAND CUTTING

Orig. Hartner - Art. 85710

DIN 8379. Type N. HSS. Cutting angle 118°. With independent flutes. Small spiral flute for drilling. Bigger spiral flute with 90° countersinking angle. Morse taper shank.

For screws	M.	8	10	16
Guide tip Ø d	mm	6,8	8,5	14
Countersink D Ø	mm	9	11	17,5
Guiding spiral l length	mm	21	25,5	38,5
Spiral total length.	mm	81	94	130
Overall length	mm	162	175	228
Drive	C.M.	1	1	2
8590G	Each	99,40	98,40	190,00



8590G

HSS

CENTRE DRILLS

Orig. Hartner - Art. 83100

DIN 333. Form A. Cutting angle 118°. For drilling metals and steel. 60° countersink taper. HSS. Right-hand cutting.

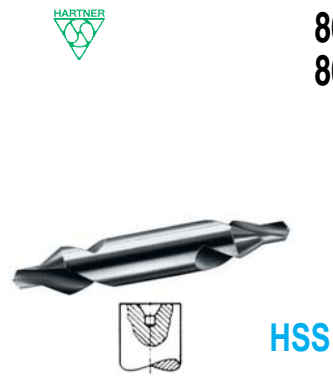
Tip Ø	mm	0,5	0,8	1	1,25	1,6	2	2,5
Body Ø	mm	3,15	3,15	3,15	3,15	4	5	6,3
Overall length	mm	25	25	31,5	31,5	35,5	40	45
8600G	Each	11,10	10,60	9,70	11,30	9,70	9,20	11,10
Tip Ø	mm	3,15	4	5	6,3	8	10	
Body Ø	mm	8	10	12,5	16	20	25	
Overall length	mm	50	56	63	71	80	100	
8600G	Each	15,50	22,40	31,50	46,10	72,60	146,00	

Art. 8600 G 0.5 and 0.8mm are supplied with one cutting edge only.

Orig. Hartner - Art. 83105

Product description as Art. 8600G. HSS. Left-hand cutting.

Tip Ø	mm	1	1,6	2	2,5	3,15	4
Body Ø	mm	3,15	4	5	6,3	8	10
Overall length	mm	31,5	35,5	40	45	50	56
8600GS	Each	16,10	14,80	17,40	18,10	24,10	31,20



8600G
8600GS

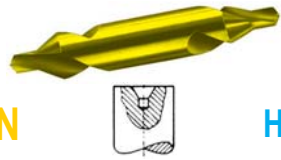
HSS

**8601G****HSS-E****Orig. Hartner - Art. 83101**

Product description as Art. 8600G

COBALT HSS-E. Right-hand cutting.

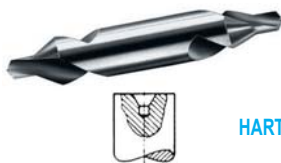
Tip Ø	mm	1	1,6	2	2,5	3,15	4
Body Ø	mm	3,15	4	5	6,3	8	10
Overall length	mm	31,5	35,5	40	45	50	56
8601G	Each	19,50	20,60	20,60	22,70	28,60	41,20

8601GT**TIN****HSS****Orig. Hartner - Art. 84450**

DIN 333. Form A. Cutting angle 118°. TIN-coated HSS.

For drilling metals and steel. Right-hand cutting. 60° countersink taper.

Tip Ø	mm	1	1,25	1,6	2	2,5	3,15	4
Body Ø	mm	3,15	3,15	4	5	6,3	8	10
Overall length	mm	31,5	31,5	35,5	40	45	50	56
8601GT	Each	25,30	29,10	23,70	24,80	29,10	34,90	57,10

8601GV**SCU****HARTMETALL****Prod. SCU**

DIN 333. Form A. Cutting angle 118°. SOLID CARBIDE.

For drilling metals and hard steel. Right-hand cutting. 60° countersink taper.

Tip Ø	mm	1	1,6	2	2,5	3,15	4
Body Ø	mm	3,15	4	5	6,3	8	10
Overall length	mm	31	40	40	45	50	56
8601GV	Each	37,40	43,20	49,20	54,90	69,30	81,70

LONG CENTRE DRILLS**8602G****HSS****Orig. Hartner - Art. 83110**

DIN 333. Form A. Cutting angle 118°.

HSS

For drilling metals and steel. Right-hand cutting.

60° countersink taper. Total length 120mm.

Tip Ø	mm	1	1,6	2	2,5	3,15
Body Ø	mm	4	5	6	8	10
8602G	Each	25,10	24,60	23,20	27,60	53,20

REINFORCED CENTRE DRILLS**8603G****HSS****Orig. Hartner - Art. 83200**

DIN 333. Form A. Reinforced type. Cutting angle 118°.

HSS. For drilling metals and steel. Right-hand cutting.

With protective chamfer.

60°/120° countersink taper.

Two working processes with one single operation.

Tip Ø	mm	1,6	2	2,5	3,15	4	5	6,3
Body Ø	mm	6,3	8	10	11,2	14	18	20
Overall length	mm	45	50	56	60	67	75	80
8603G	Each	16,10	17,80	21,60	31,60	40,20	50,20	81,30

CENTRE DRILLS**8606G****HSS****Orig. Hartner - Art. 83000**

DIN 333. Form R. Radius type. Cutting angle 118°.

HSS.

For drilling metal and steel. Right-hand cutting.

For creating arc countersinks, with progressive taper up to 60°.

Tip Ø	mm	1	1,25	1,6	2	2,5	3,15	4
Body Ø	mm	3,15	3,15	4	5	6,3	8	10
Overall length	mm	31,5	31,5	35,5	40	45	50	56
8606G	Each	9,98	11,80	9,46	9,54	11,40	15,40	21,10
Tip Ø	mm	5	6,3					
Body Ø	mm	12,5	16					
Overall length	mm	63	71					
8606G	Each	32,10	47,70					



CENTRE DRILLS WITH FLATTED BODY

Orig. Hartner - Art. 83600

DIN 333. Form A. Cutting angle 118°.
With flatted body. HSS
For drilling metals and steel. Right-hand cutting.
60° countersink taper.

Tip Ø	mm	1,6	2	2,5	3,15	4	5	6,3
Body Ø	mm	4	5	6,3	8	10	12,5	16
Overall length	mm	35,5	40	45	50	56	63	71
8608G	Each	17,70	14,70	16,20	19,60	27,60	46,60	78,30



8608G



HSS

Orig. Hartner - Art. 83700

DIN 333. Form B. Reinforced type. Cutting angle 118°.
With flatted body. HSS.
For drilling metal and steel. Right-hand cutting.
With protective chamfer. 60°/120° countersink taper.
Two working processes with one single operation.

Tip Ø	mm	1,6	2	2,5	3,15	4
Body Ø	mm	6,3	8	10	11,2	14
Overall length	mm	45	50	56	60	67
8609G	Each	20,70	24,60	29,70	42,60	50,20

Size mm 1,6 running out of stock.



8609G



HSS

Orig. Hartner - Art. 83500

DIN 333. Form R. Radius type. Cutting angle 118°.
With flatted body. HSS.
For drilling metal and steel. Right-hand cutting.
For creating arch countersinks, with progressive taper up to 60°.

Tip Ø	mm	1,6	2	2,5	3,15	4	5	6,3
Body Ø	mm	4	5	6,3	8	10	12,5	16
Overall length	mm	35,5	40	45	50	56	63	71
8610G	Each	14,20	14,10	15,30	19,60	27,60	40,70	71,30



8610G



HSS

TANGED STRAIGHT SHANK SPOTTING DRILLS, RIGHT HAND CUTTING

Orig. Hartner - Art. 81191

Type N. EXTRA-SHORT pattern.
HSS.
Very short spiral flute. It replaces pre-holes obtained by using drill bushes.
Perfect centring also on inclined surfaces.
Cylindrical shank.
With 120° cutting angle.

Ø	mm	3	4	5	6	8	10	12	16	20
Helix length	mm	12	12	14	16	21	25	30	37	45
Overall length	mm	46	55	62	66	79	89	102	115	131
8612G	Each	14,70	14,50	15,70	15,50	25,70	28,90	42,10	54,10	87,60



8612G



HSS

Orig. Hartner - Art. 81192

Product description as Art. 8612G
With 90° cutting angle.

Ø	mm	3	4	5	6	8	10	12	16	20
Helix length	mm	12	12	14	16	21	25	30	37	45
Overall length	mm	46	55	62	66	79	89	102	115	131
8613G	Each	14,70	14,50	15,10	15,50	25,70	28,90	42,10	54,10	87,60



8613G



HSS

TUNGSTEN-CARBIDE STUB DRILLS, RIGHT HAND CUTTING

Orig. Hartner - Art. 89242

Type N. EXTRA-SHORT pattern.
SOLID CARBIDE up to 10mm.
For manganese high-resistance steel, cast iron, aluminium alloys with high silicium content and difficult to chip materials.
Cylindrical shank.
With 120° cutting angle.

Ø	mm	5	6	8	10	12	16	20
Helix length	mm	14	16	21	25	30	37	45
Overall length	mm	62	66	79	89	102	115	131
8615G	Each	40,20	42,90	67,40	95,30	128,00	236,00	398,00



8615G



HARTMETALL

Orig. Hartner - Art. 89243

Product description as Art. 8615G
With 90° cutting angle.

Ø	mm	5	6	8	10	12	16	20
Helix length	mm	14	16	21	25	30	37	45
Overall length	mm	62	66	79	89	102	115	131
8616G	Each	37,50	41,60	63,30	91,20	123,00	227,00	385,00



8616G



HARTMETALL



STUB DRILLS FOR SPOT WELDS

8616GT

SCU

TIN



HSS-E

Prod. SCU

EXTRA-SHORT type (SPOLTE-DRILL), self-centring.

COBALT HSS-E, TIN coating.

For welding points and beads.

Special shank to fit pneumatic equipment.

Ø 8mm, overall length 40mm.

8616GT	Each	15,10
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8617G

SCU



HSS-E

EXTRA-SHORT type, self-centring. COBALT HSS-E.

For welding points and beads.

To be used also with hand drills.

Cylindrical shank. RIGHT-HAND rotation.

Ø	mm	6	7	8	10
Overall length	mm	66	74	79	89
8617G	Each	7,38	8,58	9,84	16,20

8617GA

SCU

TIN



HSS-E

EXTRA-SHORT type, self-centring.

COBALT HSS-E, TIN coating.

For welding points and beads.

To be used also with hand drills.

Cylindrical shank. RIGHT-HAND rotation.

Ø	mm	6	7	8	10
Overall length	mm	66	74	79	89
8617GA	Each	11,60	12,90	14,10	20,60

DOUBLE END DRILLS, RIGHT HAND CUTTING

8617GE

SCU



HSS

Prod. SCU

Type N. Cutting angle 118°. HSS. BI-FRONT pattern.

For mechanics, carpenters, tinsmiths, for welding points and rivet applications.

To be used also with hand drills.

Cylindrical shank. RIGHT-HAND rotation. Packing unit: 10pcs, not sold separately.

Ø	mm	3	3,1	3,2	3,3	3,5	4	4,1	4,2
Helix length	mm	11	11	11	11	12	14	14	14
Overall length	mm	46	49	49	49	52	55	55	55
8617GE	Pack	13,20	15,10	15,10	15,10	17,60	19,40	19,40	19,40
Ø	mm	4,5*	4,8	5	5,1	5,2	5,5*	6*	
Helix length	mm	16	17	17	17	17	19	19	
Overall length	mm	58	62	62	62	62	66	66	
8617GE	Pack	20,20	24,10	24,10	24,90	24,90	29,70	29,70	

* Sizes running out of stock.

DOUBLE END DRILLS, RIGHT HAND CUTTING

8618G



HSS

Orig. Hartner - Art. 81190

Type N. Cutting angle 118°. HSS. DOUBLE-END pattern.

For mechanics, carpenters, tinsmiths, for welding points and rivet applications.

To be used also with hand drills.

Cylindrical shank. RIGHT-HAND rotation.

Ø	mm	2	2,5	3	3,5	4	4,5	5
Helix length	mm	7	9	10	12	14	15	17
Overall length	mm	38	43	46	52	55	58	62
8618G	Each	4,42	4,32	4,46	4,42	4,42	5,56	5,06
Ø	mm	5,5	6	7	8			
Helix length	mm	19	19	23,6	25			
Overall length	mm	66	66	74	79			
8618G	Each	8,34	9,26	7,52	14,50			

Sizes mm 7 and 8 running out of stock.

MILLS FOR SPOT WELDS

8618GE

SCU



HSS

Prod. SCU

Model with crown gear head, reversible, milled and ground Ø 10mm.

In HSS.

For mechanics, carpenters, tinsmiths, for removing welding points without sheet deformation.

Hex drive 7mm.

Interchangeable centering bit.

Overall length 72mm.

8618GE	Each	17,70
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Spare crown gear head for Art. 8618 GE, length 14mm.

O8618GE	Each	9,10
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Spare centering bit for Art. 8618 GE, length 23mm.

O8618GE 1	Each	1,04
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MILLING DRILLS

Prod. SCU

Combined model, tipped/splined, provided with chip-breaker for milling sheets and thin materials. HSS, cutting angle 118°, overall length 90mm.

Ø	mm	6	8
8618GL	Each	4,32	6,72

SCU



8618GL

HSS

TAPER PIN TWIST DRILLS

Orig. Hartner - Art. 81810

DIN 1898/1 - Type N. Cutting angle 118°. HSS.

For conical pins according to DIN 1 and DIN 7978. Taper 1:50. Cylindrical shank. RIGHT-HAND rotation.

Rated Ø	mm	2,5	3	4	5	6	8	10
Helix length	mm	48	63	74	81	114	157	190
Overall length	mm	86	100	112	122	160	207	245
Drive Ø	mm	3,15	4	5	6,3	8	10	12,50
8619G	Each	57,60	58,20	62,20	77,30	77,30	126,00	167,00

Size mm 2,5 running out of stock.



8619G

HSS

Orig. Dürr - Art. 121-11

DIN 1898A - Type N. Cutting angle 118°. HSS.

For conical pins according to DIN 1 and DIN 7978. Taper 1:50. Cylindrical shank. RIGHT-HAND rotation.

Rated Ø	mm	1,5	2	2,5	3	4	5	6	8	10	12
Helix length	mm	34	48	48	58	68	73	105	145	175	210
Overall length	mm	64	86	86	100	112	122	160	207	245	290
Drive Ø	mm	2	3,15	3,15	4	5	6,3	8	10	12,50	16
8619GE	Each	72,20	60,70	64,10	64,10	68,90	78,70	91,90	120,00	173,00	245,00

For conical reamers for plugs see Art. 8954 G and 8968 G.



8619GE

HSS

Orig. Dürr - Art. 121-41

Product description as Art. 8619GE

Morse taper shank. RIGHT-HAND rotation.

Rated Ø	mm	16	20	25
Helix length	mm	230	260	362
Overall length	mm	330	393	430
Drive	C.M.	2	3	3
8619GP	Each	458,00	650,00	945,00

For conical reamers for plugs see Art. 8954 G.



8619GP

HSS

CORE DRILLS

Orig. Hartner - Art. 86010

DIN 344 - Type N. HSS.

3-fluted type.

For enlarging holes previously obtained, through drilling, punching and fusion. The drill is not able to make holes from full load.

Cylindrical drive shank. RIGHT-HAND rotation.

Effective broadening Ø	mm	4,8	5,8	6	9,8	10	10,7	11,75	12	13
Pre-bore min Ø	mm	3,5	4,2	4,2	7	7	7,7	8,4	8,4	9,1
Helix length	mm	74	80	80	116	116	125	134	134	134
Overall length	mm	108	116	116	162	162	173	184	184	184
8620G	Each	31,20	32,60	27,60	45,70	46,20	84,10	61,30	58,20	69,30

Attention: the optimal pre-hole must have a Ø 10% - 20% approx. smaller than the real core drill Ø. - Size mm 10,7 running out of stock.



8620G

HSS

Orig. Dürr - Art. 215-21

Product description as Art. 8620G

Helix with additional drain. Particularly suitable for mold makers.



8621G

HSS

Effective broadening Ø	mm	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Pre-bore min Ø	mm	3,5	4,2	4,9	5,6	6,3	7	7,7	8,4	9,1	9,8	10,5	11,2	11,8	12,5	13,2	14
Helix length	mm	74	80	93	100	107	116	125	134	134	142	147	153	159	165	171	177
Overall length	mm	108	116	133	142	151	162	173	184	184	194	202	211	218	226	234	242
8621G	Each	42,70	44,30	47,60	57,40	66,40	68,90	87,80	83,70	104,00	123,00	135,00	145,00	187,00	189,00	207,00	219,00

Attention: the optimal pre-hole must have a Ø 10% - 20% approx. smaller than the real core drill Ø.



8622G



HSS

Orig. Hartner - Art. 86110

DIN 343 - Type N.

HSS.

3-fluted type.

For enlarging holes previously obtained, through drilling, punching and fusion.

The drill is not able to make holes from full load.

Morse taper shank. RIGHT-HAND rotation.



Effective broadening Ø	mm	13,75	14	15,75	16,75	17	17,75	18	19,7	20	21	22	24	25	26
Pre-bore min Ø	mm	9,8	9,8	11,2	11,9	11,9	12,6	12,6	14	14	14,6	15,3	16,6	17,3	18
Helix length	mm	108	108	120	125	125	130	130	140	140	145	150	160	160	165
Overall length	mm	189	189	218	223	223	228	228	238	238	243	248	281	281	286
Drive	C.M.	1	1	2	2	2	2	2	2	2	2	2	3	3	3
8622G	Each	74,20	67,20	79,30	95,40	82,30	90,40	84,30	94,40	83,30	111,00	111,00	129,00	123,00	139,00

Attention: the optimal pre-hole must have a Ø 10% - 20% approx. smaller than the real core drill Ø.

8623G



HSS

Orig. Dürr - Art. 215-51

Product description as Art. 8622G

Helix with additional drain. Particularly suitable for mold makers.



Effective broadening Ø	mm	8	9	10	11	12	13	14	15
Pre-bore min Ø	mm	5,6	6,3	7	7,7	8,4	9,1	9,8	10,5
Helix length	mm	75	81	87	94	101	101	108	114
Overall length	mm	156	162	168	175	182	182	189	212
Drive	C.M.	1	1	1	1	1	1	1	2
8623G	Each	80,40	85,30	85,30	85,30	85,30	95,10	96,80	110,00
Effective broadening Ø	mm	16	17	18	19	20	21	22	23
Pre-bore min Ø	mm	11,2	11,9	12,6	13,4	14	15	15	16
Helix length	mm	120	125	130	135	140	145	150	155
Overall length	mm	218	223	228	233	238	243	248	253
Drive	C.M.	2	2	2	2	2	2	2	2
8623G	Each	117,00	127,00	131,00	142,00	142,00	162,00	164,00	184,00
Effective broadening Ø	mm	24	25	26	27	28	29	30	
Pre-bore min Ø	mm	17	18	18	19	20	20	21	
Helix length	mm	160	160	165	170	170	175	175	
Overall length	mm	281	281	286	291	291	296	296	
Drive	C.M.	3	3	3	3	3	3	3	
8623G	Each	192,00	207,00	215,00	250,00	256,00	278,00	287,00	

Attention: the optimal pre-hole must have a Ø 10% - 20% approx. smaller than the real core drill Ø.

MULTIPLEX SHANK HOLDERS, SHORT TYPE

8625G



Orig. Hartner - Art. 86612

SHORT type (for 3xD holes).

In steel, forced lubrication through internal cooling channels.

Rear feeding. Spiral flute.

CYLINDRICAL shank. RIGHT-HAND rotation.

With 2 screws.



Size		1	2	3	4	5	6	7	8	9	10	11
For plates Ø	mm	10-11,7	11,71-13,4	13,41-16,4	16,41-18,9	18,91-22,4	22,41-25,4	25,41-29	29,01-35	35,01-45	45,01-55	55,01-65
Drive Ø	mm	20	20	20	20	20	20	32	32	32	40	40
Overall length	mm	108	109	116	118	124	127	178	178	223	233	233
Helix length	mm	50	53	60	65	73	78	105	108	152	152	152
TORX screws size	M.	2x4	2x4	2,5x5	2,5x7	3x6	3x8	3,5x10	3,5x10	4x15	4x15	4x15
For plates thickness	mm	2,5	2,5	3,5	3,5	4	4	5	5	7	7	7
8625G	Each	383,00	383,00	422,00	422,00	461,00	461,00	548,00	548,00	706,00	731,00	777,00

For tool bits see Art. 8630 GT to 8633 G.

MULTIPLEX SHANK HOLDERS, LONG TYPE

8625GL



Orig. Hartner - Art. 86622

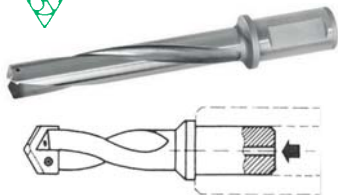
LONG type (for 5xD holes).

In steel, forced lubrication through internal cooling channels.

Rear feeding. Spiral flute.

CYLINDRICAL shank. RIGHT-HAND rotation.

With 2 screws.



Size		1	2	3	4	5	6	7	8	9	10	11
Drive Ø	mm	20	20	20	20	20	20	32	32	32	40	40
For plates Ø	mm	10-11,7	11,71-13,4	13,41-16,4	16,41-18,9	18,91-22,4	22,41-25,4	25,41-29	29,01-35	35,01-45	45,01-55	55,01-65
Overall length	mm	140	150	160	170	180	180	240	240	280	290	290
Helix length	mm	83	94	104	117	129	131	166	170	210	210	210
TORX screws size	M.	2x4	2x4	2,5x5	2,5x7	3x6	3x8	3,5x10	3,5x10	4x15	4x15	4x15
For plates thickness	mm	2,5	2,5	3,5	3,5	4	4	5	5	7	7	7
8625GL	Each	401,00	401,00	461,00	461,00	461,00	461,00	492,00	583,00	643,00	682,00	731,00

For tool bits see Art. 8630 GT to 8633 G.



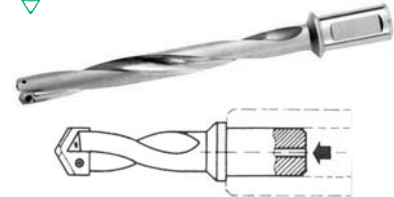
MULTIPLEX SHANK HOLDERS, X-LONG TYPE

Orig. Hartner - Art. 86254

EXTRA-LONG type (for 7xD holes).
In steel, forced lubrication through internal cooling channels.
Rear feeding. Spiral flute.
CYLINDRICAL shank. RIGHT-HAND rotation.
With 2 screws.



8625GP



Size		1	2	3	4	5	6	7	8	9	10	11
Drive Ø	mm	20	20	20	20	20	20	32	32	32	40	40
For plates Ø	mm	10-11,7	11,71-13,4	13,41-16,4	16,41-18,9	18,91-22,4	22,41-25,4	25,41-29	29,01-35	35,01-45	45,01-55	55,01-65
Overall length	mm	180	190	210	220	250	250	320	320	380	390	390
Helix length	mm	123	134	155	168	199	201	246	250	310	310	310
TORX screws size	M.	2x4	2x4	2,5x5	2,5x7	3x6	3x8	3,5x10	3,5x10	4x15	4x15	4x15
For plates thickness	mm	2,5	2,5	3,5	3,5	4	4	5	5	7	7	7
8625GP	Each	440,00	440,00	492,00	492,00	492,00	492,00	569,00	671,00	766,00	871,00	949,00

For tool bits see Art. 8630 GT to 8633 G.

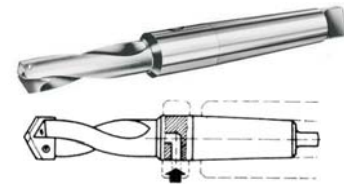
MULTIPLEX SHANK HOLDERS, SHORT TYPE

Orig. Hartner - Art. 86670

SHORT type.
In steel, forced lubrication through internal cooling channels.
Feeding through coolant ring. Spiral flute.
Morse Taper shank. RIGHT-HAND rotation.
With 2 screws.



8627G



Size		1	2	3	4	5	6	7	8
For plates Ø	mm	25-29	29-35	35-45	45-55	55-65	65-78	78-90	90-102
Drive	C.M.	4	4	4	4	4	5	5	5
Overall length	mm	279	279	324	324	324	436	436	436
Helix length	mm	108	108	152	152	152	216	216	216
TORX screws size	M.	3,5x10	3,5x10	4x15	4x15	4x15	5x20	5x20	5x20
For plates thickness	mm	5	5	7	7	7	9	9	9
8627G	Each	545,00	576,00	766,00	787,00	871,00	1.080,00	1.310,00	1.500,00

For tool bits see from Art. 8630 GT to 8633 G (Art. 8627 G - 8627 GLxGr. 6-7-8: straight elix).

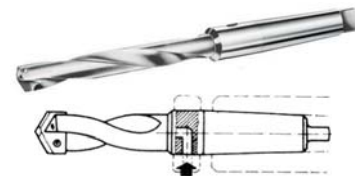
MULTIPLEX SHANK HOLDERS, LONG TYPE

Orig. Hartner - Art. 86680

LONG type.
In steel, forced lubrication through internal cooling channels.
Feeding through coolant ring. Spiral flute.
Morse Taper shank. RIGHT-HAND rotation.
With 2 screws.



8627GL



Size		1	2	3	4	5	6	7	8
For plates Ø	mm	25-29	29-35	35-45	45-55	55-65	65-78	78-90	90-102
Drive	C.M.	4	4	4	4	4	5	5	5
Overall length	mm	379	379	429	429	429	536	536	536
Helix length	mm	208	208	257	257	257	316	316	316
TORX screws size	M.	3,5x10	3,5x10	4x15	4x15	4x15	5x20	5x20	5x20
For plates thickness	mm	5	5	7	7	7	9	9	9
8627GL	Each	583,00	671,00	787,00	861,00	896,00	1.130,00	1.400,00	1.630,00

For tool bits see Art. 8630 GT to 8633 G (Art. 8627 G - 8627 GLxSize 6-7-8: straight spiral flute).

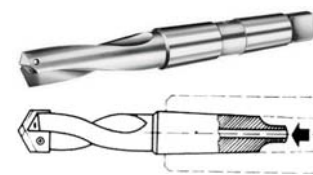
MULTIPLEX SHANK HOLDERS, SHORT TYPE

Orig. Hartner - Art. 86630

SHORT type.
In steel, forced lubrication through internal cooling channels.
Feeding through the dragging wing. Spiral flute.
Morse Taper shank. RIGHT-HAND rotation.
With 2 screws.



8628G



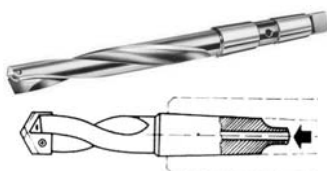
Size		1	2	3	4	5	6
For plates Ø	mm	10-11,7	11,71-13,4	13,41-16,4	16,41-18,9	18,91-22,4	22,41-25,4
Drive	C.M.	2	2	2	2	3	3
Overall length	mm	139	141	148	150	178	181
Helix length	mm	56	58	63	67	76	80
TORX screws size	M.	2x4	2x4	2,5x5	2,5x7	3x6	3x8
For plates thickness	mm	2,5	2,5	3,5	3,5	4	4
8628G	Each	454,00	454,00	506,00	506,00	538,00	538,00

For tool bits see from Art. 8630 GT to 8633 G.



MULTIPLEX SHANK HOLDERS, LONG TYPE

8628GL



Orig. Hartner - Art. 86650

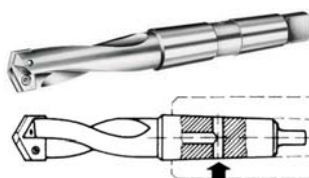
LONG type.
In steel, forced lubrication through internal cooling channels.
Feeding through the dragging wing. Spiral flute.
Morse Taper shank. RIGHT-HAND rotation.
With 2 screws.

Size		1	3	4	5	6
For plates Ø	mm	10-11,7	13,41-16,4	16,41-18,9	18,91-22,4	22,41-25,4
Drive	C.M.	2	2	2	3	3
Overall length	mm	186	210	218	258	266
Helix length	mm	103	125	135	156	165
TORX screws size	M.	2x4	2,5x5	2,5x7	3x6	3x8
For plates thickness	mm	2,5	3,5	3,5	4	4
8628GL	Each	478,00	559,00	559,00	580,00	580,00

For tool bits see from Art. 8630 GT to 8633 G.

MULTIPLEX SHANK HOLDERS, SHORT TYPE

8629G



Orig. Hartner - Art. 86640

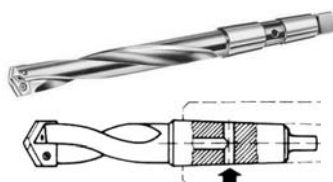
SHORT type.
In steel, forced lubrication through internal cooling channels.
Side feeding through the middle part of the Morse taper shank. Spiral flute.
Morse Taper shank. RIGHT-HAND rotation.
With 2 screws.

Size		1	2	3	5	6
For plates Ø	mm	9,7-11,7	11,71-13,4	13,41-16,4	18,91-22,4	22,41-25,4
Drive	C.M.	2	2	2	3	3
Overall length	mm	139	141	148	178	181
Helix length	mm	56	58	63	76	80
TORX screws size	M.	2x4	2x4	2,5x5	3x6	3x8
For plates thickness	mm	2,5	2,5	3,5	4	4
8629G	Each	390,00	390,00	436,00	463,00	463,00

For tool bits see Art. 8630 GT to 8633 G. - Product running out of stock.

MULTIPLEX SHANK HOLDERS, LONG TYPE

8629GL



Orig. Hartner - Art. 86660

LONG type.
In steel, forced lubrication through internal cooling channels.
Side feeding through the middle part of the Morse taper shank. Spiral flute.
Morse Taper shank. RIGHT-HAND rotation.
With 2 screws.

Size		1	2	3	6
For plates Ø	mm	9,7-11,7	11,71-13,4	13,41-16,4	22,41-25,4
Drive	C.M.	2	2	2	3
Overall length	mm	186	191	210	266
Helix length	mm	103	108	125	165
TORX screws size	M.	2x4	2x4	2,5x5	3x8
For plates thickness	mm	2,5	2,5	3,5	4
8629GL	Each	413,00	413,00	482,00	501,00

Available on request: tool bit holders, extra-long series, with straight spiral. For tool bits see Art. 8630 GT to 8633. Product running out of stock.

MULTIPLEX INTERCHANGEABLE BLADES

8630GT

TIN

HSS-E

Orig. Hartner - Art. 86602

Suitable for drilling high-resistance and difficult to chip steel.
RIGHT-HAND rotation. Supplied without screws.
COBALT HSS-E+TIN.
Cutting angle 135°.



Ø	mm	10	10,2	10,5	11	12	12,5	12,75	13	13,5	14	14,25	14,5	14,75	15	15,25
Thickness	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
8630GT	Each	59,10	59,10	59,10	59,10	59,10	59,10	59,10	59,10	70,30	70,30	70,30	70,30	70,30	70,30	70,30
Ø	mm	15,5	15,75	16	16,5	17	17,5	17,75	18	18,25	18,5	18,75	19	19,5	19,75	20
Thickness	mm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	4	4	4	4
8630GT	Each	70,30	70,30	70,30	70,30	70,30	70,30	70,30	70,30	70,30	70,30	70,30	82,70	82,70	82,70	82,70
Ø	mm	20,25	20,5	21	21,5	22	22,5	23	23,5	24	24,5	25				
Thickness	mm	4	4	4	4	4	4	4	4	4	4	4				
8630GT	Each	82,70	82,70	82,70	82,70	82,70	82,70	82,70	82,70	82,70	82,70	82,70				

Tool bits Art. 8630 GT suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP/8628 G/8628 GL/8629 G/8629 GL from Size 1 to Size 6.



Orig. Hartner - Art. 86608

Suitable for drilling high-resistance and difficult to chip steel.
 RIGHT-HAND rotation.
 Supplied without screws.
 COBALT HSS-E, FIRE coating (special Titanium Nitride and Aluminium multilayer coating).
 Cutting angle 135°.



FIRE HSS-E 8630GTF



Ø	mm	10	12	13	13,5	14	14,25	14,5	15	15,5	16	16,5	17	17,5	18	18,25
Thickness	mm	2,5	2,5	2,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
8630GTF	Each	61,50	61,50	61,50	72,90	72,90	72,90	72,90	72,90	72,90	72,90	72,90	72,90	72,90	72,90	72,90
Ø	mm	18,5	18,75	19	20	20,5	21	22	22,5	23	23,5	24	24,5	25		
Thickness	mm	3,5	3,5	4	4	4	4	4	4	4	4	4	4	4		
8630GTF	Each	72,90	72,90	87,80	87,80	87,80	87,80	87,80	87,80	87,80	87,80	87,80	87,80	87,80		

Tool bits Art. 8630 GTF suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP/8628 G/8628 GL/8629 G/8629 GL Size 1 to Size 6.

Orig. Hartner - Art. 86609

Suitable for drilling high-resistance steel, stainless steel, cast iron, heat-resistance alloys, aluminium, non-ferrous alloys.
 RIGHT-HAND rotation. Supplied without screws.
 From 25mm to 65mm, HSS-E PM sinterized (ASP 2052) cutting angle 132°.
 From 68mm to 102mm, HSS-E standard, cutting angle 140°.
 All sizes with new AlTiN coating, changed and improved, with V-shaped chip-breaker and beveled edge, for large use, longer life, reduced possibility of breakage of the tool bit, better finishing of holes and higher working parameters.



AlTiN HSS-E 8630GV



Ø	mm	25	25,5	26	26,5	27	28	29	29,5	30	31	32	33	34	35	36
Thickness	mm	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
8630GV	Each	111,00	111,00	111,00	111,00	111,00	111,00	111,00	112,00	112,00	112,00	112,00	112,00	112,00	112,00	130,00
Ø	mm	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
Thickness	mm	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8630GV	Each	130,00	130,00	130,00	130,00	130,00	130,00	130,00	130,00	130,00	154,00	154,00	154,00	154,00	154,00	154,00
Ø	mm	52	53	54	55	56	57	58	59	60	62	64	65	68	70	74
Thickness	mm	7	7	7	7	7	7	7	7	7	7	7	7	9	9	9
8630GV	Each	154,00	154,00	154,00	154,00	164,00	164,00	164,00	164,00	164,00	164,00	164,00	164,00	207,00	207,00	207,00
Ø	mm	75	80	82	85	88	90	100	102							
Thickness	mm	9	9	9	9	9	9	9	9							
8630GV	Each	207,00	241,00	241,00	241,00	241,00	241,00	279,00	279,00							

Tool bits Art. 8630 GV 25 to 65mm suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP Size 7 to 11 and Art. 8627 G/8627 GL Size 1 to 5.
Tool bits Art 8630GV from 68mm to 102mm are suitable for tool bit holder Art. 8627 G/8627 GL from Gr. 6 to Gr.8

Orig. Hartner - Art. 86709

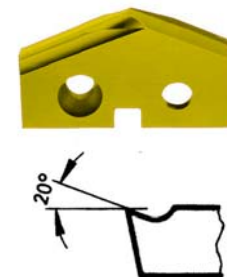
HARDMETAL (HM), TIN coating. For high-speed working with nebulized lubrication-cooler.
 RIGHT-HAND rotation.
 Supplied without screws.

Non-chamfered type, suitable for drilling materials with resistance up to 600 N/mm².

Ø	mm	10	10,5	12	13,5	14,5	15	17	17,5	18
Thickness	mm	2,5	2,5	2,5	3,5	3,5	3,5	3,5	3,5	3,5
8631A	Each	91,40	93,10	93,10	125,00	125,00	125,00	125,00	125,00	125,00
Ø	mm	18,5	19	20	22	23	23,5	24	25	
Thickness	mm	3,5	4	4	4	4	4	4	4	
8631A	Each	125,00	157,00	157,00	157,00	157,00	129,00	129,00	157,00	



TIN HARTMETALL 8631A



Tool bits Art. 8631 A suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP/8628 G/8628 GL/8629 G/8629 GL Size 1 to Size 6.
Sizes mm 23,5 and 24 running out of stock.



8631B



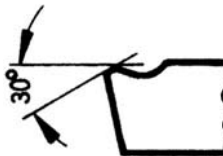
HARTMETALL

Orig. Hartner

HARDMETAL (HM).

For high-speed working with nebulized lubrication-cooler.
RIGHT-HAND rotation. Supplied without screws.

Chamfered type, suitable for drilling materials with resistance over 600 N/mm².



Ø	mm	10	10,2	10,5	11	11,8	12	12,25	12,5
Thickness	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
8631B	Each	77,80	77,80	77,80	77,80	77,80	77,80	77,80	77,80
Ø	mm	13	13,25	13,5	13,75	14,25	14,5	15	15,25
Thickness	mm	2,5	2,5	3,5	3,5	3,5	3,5	3,5	3,5
8631B	Each	77,80	77,80	105,00	105,00	105,00	105,00	105,00	105,00
Ø	mm	15,5	16	16,25	16,5	16,75	17,25	17,5	17,75
Thickness	mm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
8631B	Each	105,00	105,00	105,00	105,00	105,00	105,00	105,00	105,00
Ø	mm	18	18,25	18,5	18,75	19	19,5	19,75	20
Thickness	mm	3,5	3,5	3,5	3,5	4	4	4	4
8631B	Each	105,00	105,00	105,00	105,00	129,00	129,00	129,00	129,00
Ø	mm	20,5	21,5	22	22,5	23	23,5	24,5	27
Thickness	mm	4	4	4	4	4	4	4	5
8631B	Each	129,00	129,00	129,00	129,00	129,00	129,00	129,00	156,00
Ø	mm	29	30	32	34	35			
Thickness	mm	5	5	5	5	5			
8631B	Each	156,00	166,00	166,00	166,00	166,00			

Tool bits Art. 8631 B up to 24,5mm suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP/8628 G/8628 GL/8629 G/8629 GL from Size 1 to Size 6.
Tool bits Art. 8631 B from 27 to 35mm suitable for tool bit holders Art. 8625 G/8625 GL/8625 GP Size 7-8, Art. 8627 G/8627 GL Gr. 1-2.
Product running out of stock.

8631C



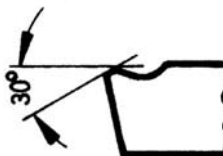
TIN

HARTMETALL

Orig. Hartner - Art. 86708

HARDMETAL (HM), TIN coating. For high-speed working with nebulized lubrication-cooler.
RIGHT-HAND rotation. Supplied without screws.

Chamfered type, suitable for drilling materials with resistance over 600 N/mm².



Ø	mm	10	10,2	10,5	11	11,8*	12	12,25	12,75
Thickness	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
8631C	Each	87,30	93,10	91,40	91,40	77,80	91,40	91,40	91,40
Ø	mm	13	13,5*	13,75	14,5*	14,75	15,25*	16,75	17
Thickness	mm	2,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
8631C	Each	93,10	120,00	123,00	116,00	123,00	105,00	125,00	125,00
Ø	mm	18,25	18,5	18,75*	19	19,5	19,75	21,5	22
Thickness	mm	3,5	3,5	3,5	4	4	4	4	4
8631C	Each	123,00	125,00	105,00	157,00	153,00	153,00	153,00	157,00
Ø	mm	23,5	28	29	34				
Thickness	mm	4	5	5	5				
8631C	Each	157,00	185,00	199,00	255,00				

Tool bits Art. 8631 C up to 23.5mm suitable for tool bit holders Art. 8625 G/8625 GL/8625 GP/8628 G/8628 GL/8629 G/8629 GL from Gr. 1 to 6.
Tool bits Art. 8631 C a from 28 to 34mm suitable for tool bit holders Art. 8625 G/8625 GL/8625 GP Gr. 7-8, Art. 8627 G/8627 GL Gr. 1-2.
* Sizes running out of stock.

8631G



FIRE

HARTMETALL

Orig. Hartner - Art. 86701

In **HARD METAL (HM), FIRE-coated** (special Titanium Nitride and Aluminium multilayer coating).
For high-speed working with nebulized lubrication-cooler. (Dry working with cast iron only).
Right rotation.
Supplied without screws.

Non-chamfered, suitable for drilling materials with resistance up to 600N/sqmm.



Ø	mm	10	10,5	11	12	12,5	13	13,5	14
Thickness	mm	2,5	2,5	2,5	2,5	2,5	2,5	3,5	3,5
8631G	Each	98,40	98,40	98,40	98,40	98,40	98,40	130,00	130,00
Ø	mm	14,5	15	15,5	16	16,5	17	17,5	18
Thickness	mm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
8631G	Each	130,00	130,00	130,00	130,00	130,00	130,00	130,00	130,00
Ø	mm	18,5	19	19,5	20	20,5	21	21,5	22
Thickness	mm	3,5	4	4	4	4	4	4	4
8631G	Each	130,00	164,00	164,00	164,00	164,00	164,00	164,00	164,00
Ø	mm	23	24	25	26	27	28	29	30
Thickness	mm	4	4	4	5	5	5	5	5
8631G	Each	164,00	164,00	164,00	197,00	197,00	197,00	197,00	210,00
Ø	mm	31	32	33	34	35			
Thickness	mm	5	5	5	5	5			
8631G	Each	210,00	210,00	210,00	210,00	210,00			

Tool bits Art. 8631 G up to 25mm suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP/8628 G/8628 GL/8629 G/8629 GL Size 1 to 6.
Tool bits Art. 8631 G 26 to 35mm suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP Size 7-8, Art. 8627 G/8627 GL Size 1 to 2.

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Prices in EURO . VAT not included



Orig. Hartner - Art. 86702

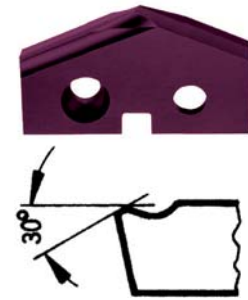
Product description as Art. 8631G

Non-chamfered, suitable for drilling materials with resistance up to 600N/sqmm.

Ø	mm	10	10,5	11	12	12,5	13	13,5	14
Thickness	mm	2,5	2,5	2,5	2,5	2,5	2,5	3,5	3,5
8633G	Each	98,40	98,40	98,40	98,40	98,40	98,40	130,00	130,00
Ø	mm	14,5	15	15,5	16,5	17	17,5	18	18,5
Thickness	mm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
8633G	Each	130,00	130,00	130,00	130,00	130,00	130,00	130,00	130,00
Ø	mm	19	19,5	20	20,5	21	21,5	22	23
Thickness	mm	4	4	4	4	4	4	4	4
8633G	Each	164,00	164,00	164,00	164,00	164,00	164,00	164,00	164,00
Ø	mm	25	26	27	28	29	30	33	34
Thickness	mm	4	5	5	5	5	5	5	5
8633G	Each	164,00	197,00	197,00	197,00	197,00	210,00	210,00	210,00
Ø	mm	35							
Thickness	mm	5							
8633G	Each	210,00							



FIRE HARTMETALL 8633G



Tool bits Art.8633 G up to 25mm suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP/8628 G/8628 GL/8629 G/8629 GL Size 1 to 6.
 Tool bits Art. 8633 G 26 to 35mm suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP Size 7-8, Art. 8627 G/8627 GL Size 1-2.

ACCESSORIES FOR COOLANT FEED, MULTIPLEX SYSTEM

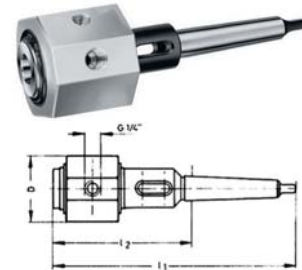
Orig. Hartner

CHUCKS WITH INTERNAL/EXTERNAL MORSE TAPER SHANK

Made of steel, very high precision, for max hole centring.
 Suitable for tool bit holder Art. 8629G/8629 GL and drills Art. 8526 G.
 Max use pressure 16 bars.

Ext./Int. Morse cone	C.M.	2/2
Overall length (l1)	mm	165
Length without C.M (l2)	mm	90
Ø (D)	mm	75
8637GA	Each	190,00

Product running out of stock.



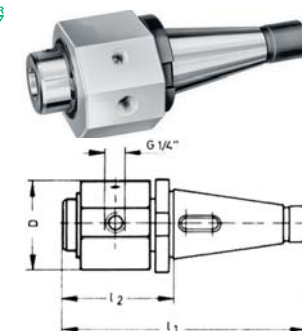
8637GA

CHUCKS WITH EXTERNAL SHANK DIN 2080A AND INTERNAL C.M.

Made of steel, very high precision, for max hole centring.
 Suitable for tool bit holder Art. 8629G/8629 GL and drills Art. 8526 G.
 Max use pressure 16 bars.

Ext SK cone / int. C.M.		50/2
Overall length (l1)	mm	258
Length without SK (l2)	mm	146
Ø (D)	mm	112
8637GE	Each	315,00

Product running out of stock.



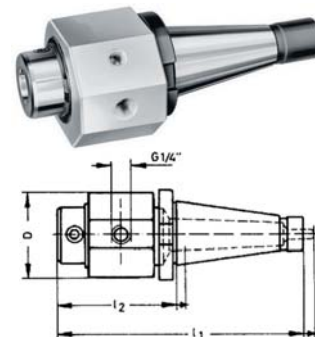
8637GE

CHUCKS WITH EXT. CONICAL SHANK AND INT. CYLINDRICAL SHANK

Made of steel, very high precision, for max hole centring.
 Suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP Size 1 to 6.
 Max use pressure 16 bars.

Ext cone / int. cyl.		SK 50-20
Dimensions d	mm	20
Dimensions L	mm	105
Dimensions D	mm	50
Dimensions D1	mm	78
Dimensions H	mm	50
Dimensions L1	mm	20
Dimensions L2	mm	-
Dimensions 2-B		12
CM	M.	24
8637GM	Each	215,00

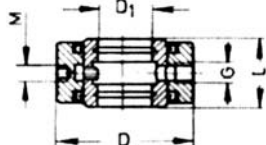
Product running out of stock.



8637GM



8638GB



Orig. Hartner - Art. 86690-63,5

COOLANT RINGS

Made of steel. Lubricant hole 1/2 G.

Suitable for tool bit holder Art. 8627 G/8627 GL. (Morse taper shank 5). Diameter (D) 127mm, diameter (D1) 63.5mm, height (L) 60mm, threaded shank (M) 12.

8638GB Each **787,00**

ADDUCTORS RINGS for C.M. 4 available on request.

**8638GE
8638GF**



Orig. Hartner - Art. 82578-90

RAPID CONNECTIONS

Made of brass. Threaded internal shank 1/4 G, hose connection Ø 9mm.

Suitable for pipes Art. 8638 GL.

8638GE Each **104,00**

Orig. Hartner - Art. 82578-13

Made of brass. Threaded internal shank 1/2 G, hose connection Ø 13mm.

Suitable for pipes Art. 8638 GM.

8638GF Each **269,00**

**8638GL
8638GM**



Orig. Hartner - Art. 82571-13,16

COOLANT HOSES, MADE OF STEEL

External threads 1/4 G.

Suitable for rings Art. 8638 GA and chucks Art. 8637 GA to 8637 GM.

Length 200mm.

8638GL Each **29,30**

Orig. Hartner - Art. 82571-20,96

External threads 1/2 G.

Suitable for rings Art. 8638 GB.

8638GM Each **30,20**

8638GP



Orig. Hartner - Art. 86807

TORX SCREWS FOR TOOL BIT HOLDER

Thread Ø	M.	2x4	2,5x5	2,5x7	3x6	3x8	3,5x10	4x15	5x20
TORX screw	Gr	6	7	7	9	9	15	20	25
8638GP	Each	4,20	4,28	4,28	4,70	4,70	4,86	5,44	5,68

STUB DRILLS, RIGHT HAND CUTTING

8642G



HSS

Prod. SCU

DIN 1897. Rolled type. HSS

EXTRA-SHORT pattern. For automatic machines.

Cylindrical shank.

	mm	1*	1,2*	1,5*	2	2,2	2,5	2,8	3	3,2	3,5	3,8	4	4,2	4,5	4,8
Overall length	mm	26	30	32	38	40	43	46	46	49	52	55	55	55	58	62
Helix length	mm	6	8	9	12	13	14	16	16	18	20	22	22	22	24	26
8642G	Each	0,92	0,96	0,78	0,48	0,54	0,54	0,48	0,42	0,48	0,48	0,54	0,54	0,60	0,60	0,78
Ø	mm	5	5,2	5,5	5,8	6	6,5	7	7,5	8	8,5	9	9,5	10		
Overall length	mm	62	62	66	66	66	70	74	74	79	79	84	84	89		
Helix length	mm	26	26	28	28	28	31	34	34	37	37	40	40	43		
8642G	Each	0,66	0,90	0,84	1,02	0,90	1,08	1,38	1,50	1,68	1,92	2,28	2,40	2,76		

Up to Ø 10mm in 10pcs packing units.

* Sizes running out of stock.



DIN 338. Rolled type. HSS.
SHORT pattern. Cylindrical shank.

SCU

8648G



HSS

Ø	mm	1	1,1	1,2	1,25	1,3	1,4	1,5	1,6	1,7	1,75	1,8	1,9	2	2,1	2,2	2,25
Overall length	mm	34	36	38	38	38	40	40	43	43	46	46	46	49	49	53	53
Helix length	mm	12	14	16	16	16	18	18	20	20	22	22	22	24	24	27	27
8648G	Each	0,68	0,68	0,68	0,30	0,66	0,64	0,62	0,56	0,56	0,62	0,50	0,50	0,46	0,50	0,54	0,30
Ø	mm	2,3	2,4	2,5	2,6	2,7	2,75	2,8	2,9	3	3,1	3,2	3,25	3,3	3,4	3,5	3,6
Overall length	mm	53	57	57	57	61	61	61	61	61	65	65	65	65	70	70	70
Helix length	mm	27	30	30	30	33	33	33	33	33	36	36	36	36	39	39	39
8648G	Each	0,54	0,54	0,56	0,56	0,56	0,30	0,56	0,56	0,48	0,62	0,62	0,30	0,62	0,62	0,54	0,66
Ø	mm	3,7	3,75	3,8	3,9	4	4,1	4,2	4,25	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5
Overall length	mm	70	70	75	75	75	75	75	75	80	80	80	80	80	86	86	86
Helix length	mm	39	39	43	43	43	43	43	43	47	47	47	47	47	52	52	52
8648G	Each	0,66	0,36	0,68	0,74	0,56	0,78	0,68	0,42	0,80	0,80	0,74	0,80	0,80	0,80	0,82	0,68
Ø	mm	5,1	5,2	5,3	5,4	5,5	5,6	5,7	5,8	5,9	6	6,1	6,2	6,3	6,4	6,5	6,6
Overall length	mm	86	86	86	93	93	93	93	93	93	101	101	101	101	101	101	101
Helix length	mm	52	52	52	57	57	57	57	57	57	63	63	63	63	63	63	63
8648G	Each	0,84	0,84	0,84	0,96	0,94	0,98	0,98	1,00	1,02	0,94	1,18	1,18	1,22	1,26	1,22	0,84
Ø	mm	6,7	6,75	6,8	6,9	7	7,1	7,2	7,25	7,3	7,4	7,5	7,6	7,7	7,75	7,8	7,9
Overall length	mm	101	109	109	109	109	109	109	109	109	109	109	117	117	117	117	117
Helix length	mm	63	69	69	69	69	69	69	69	69	69	75	75	75	75	75	75
8648G	Each	0,84	0,84	1,58	1,58	1,44	1,60	1,62	0,96	1,62	1,68	1,58	1,78	1,78	1,08	1,78	1,80
Ø	mm	8	8,1	8,2	8,25	8,3	8,4	8,5	8,6	8,7	8,8	8,9	9	9,1	9,2	9,3	9,4
Overall length	mm	117	117	117	117	117	117	117	125	125	125	125	125	125	125	125	125
Helix length	mm	75	75	75	75	75	75	75	81	81	81	81	81	81	81	81	81
8648G	Each	1,58	1,94	1,98	1,20	2,14	2,14	2,06	2,38	2,38	2,42	2,56	2,30	2,56	2,56	2,56	2,56
Ø	mm	9,5	9,6	9,7	9,75	9,8	9,9	10	10,2	10,5	11	11,5	12	12,5	13	14	15
Overall length	mm	125	133	133	133	133	133	133	133	133	142	142	151	151	151	160	169
Helix length	mm	81	87	87	87	87	87	87	87	87	94	94	101	101	101	108	114
8648G	Each	2,56	2,84	2,84	1,68	3,10	3,10	2,72	3,34	3,48	4,06	4,40	4,82	5,60	6,02	7,70	9,04

Up to Ø 10mm in 10pcs packing units.

ASSORTMENTS OF DRILL TIPS

Prod. SCU

Assortments in enamelled steel box.

With HSS cylindrical drills Art. 8648 G.

With tips by mm 1 a 5,9

Quantity of tips 50

Progression mm 0,1

8648GA Each **68,80**

SCU

8648GA



HSS

Product description as Art. 8648GA

With tips by mm 1 a 10

Quantity of tips 19

Progression mm 0,5

8648GB Each **41,40**

SCU

8648GB



HSS



8648GC



Product description as Art. 8648GA

With tips by mm 1 a 13
Quantity of tips 25
Progression mm 0,5

8648GC	Each	95,20
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HSS

8648GD



Product description as Art. 8648GA

With tips by mm 6 a 10
Quantity of tips 41
Progression mm 0,1

8648GD	Each	147,00
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HSS

STUB DRILLS, RIGHT HAND CUTTING

8648GF



Prod. SCU

DIN 338. Milled High-Speed Steel. Mod. SHORT.

Cutting angle 118°, with 2 mm split point.

Cylindrical shank.

HSS

Ø	mm	1	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2	2,3	2,4
Overall length	mm	34	36	38	38	40	40	43	43	46	46	49	49	53	53	57
Helix length	mm	12	14	16	16	18	18	20	20	22	22	24	24	27	27	30
8648GF	Each	0,42	0,42	0,42	0,42	0,42	0,42	0,42	0,42	0,42	0,42	0,42	0,42	0,42	0,42	0,42
Ø	mm	2,5	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9
Overall length	mm	57	57	61	61	61	61	65	65	65	70	70	70	70	75	75
Helix length	mm	30	30	33	33	33	33	36	36	36	39	39	39	39	43	43
8648GF	Each	0,42	0,42	0,42	0,42	0,54	0,54	0,66	0,66	0,66	0,66	0,66	0,78	0,78	0,78	0,78
Ø	mm	4	4,1	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2	5,3	5,4
Overall length	mm	75	75	75	80	80	80	80	80	86	86	86	86	86	86	93
Helix length	mm	43	43	43	47	47	47	47	47	52	52	52	52	52	52	57
8648GF	Each	0,78	0,90	0,90	0,90	0,90	0,90	1,02	1,02	1,02	1,02	1,02	1,14	1,14	1,14	1,14
Ø	mm	5,5	5,6	5,7	5,8	5,9	6	6,1	6,2	6,3	6,4	6,5	6,6	6,7	6,8	6,9
Overall length	mm	93	93	93	93	93	93	101	101	101	101	101	101	101	109	109
Helix length	mm	57	57	57	57	57	57	63	63	63	63	63	63	63	69	69
8648GF	Each	1,14	1,26	1,26	1,26	1,26	1,26	1,38	1,38	1,38	1,38	1,38	1,62	1,62	1,62	1,62
Ø	mm	7	7,1	7,2	7,3	7,4	7,5	7,6	7,7	7,8	7,9	8	8,1	8,2	8,3	8,4
Overall length	mm	109	109	109	109	109	109	117	117	117	117	117	117	117	117	117
Helix length	mm	69	69	69	69	69	69	75	75	75	75	75	75	75	75	75
8648GF	Each	1,62	1,92	1,92	1,92	1,92	1,92	2,16	2,16	2,16	2,16	2,16	2,40	2,40	2,40	2,40
Ø	mm	8,5	8,6	8,7	8,8	8,9	9	9,1	9,2	9,3	9,4	9,5	9,6	9,7	9,8	9,9
Overall length	mm	117	125	125	125	125	125	125	125	125	125	125	133	133	133	133
Helix length	mm	75	81	81	81	81	81	81	81	81	81	81	87	87	87	87
8648GF	Each	2,40	2,76	2,76	2,76	2,76	2,76	3,00	3,00	3,00	3,00	3,00	3,36	3,36	3,36	3,36
Ø	mm	10	10,2	10,5	11	11,5	12	12,5	13	13,5	14	14,5	15	15,5	16	
Overall length	mm	133	133	133	142	142	151	151	151	160	160	169	169	178	178	
Helix length	mm	87	87	87	94	94	101	101	101	108	108	114	114	120	120	
8648GF	Each	3,36	3,66	3,66	4,38	4,86	5,40	5,76	6,24	8,82	9,36	10,50	11,10	12,30	12,90	

Up to Ø 10 mm in packs of 10 pieces.



ASSORTMENTS OF DRILL TIPS

Prod. SCU

Assortments in enamelled steel box.
With cylindrical drills Art. 8648 GF in HSS.

Art.	8648GL	8648GM
With tips by	mm 1 to 10	1 to 13
Quantity of tips	19	25
Progression	mm 0,5	0,5
8648GL	Each 37,10	69,40

SCU



8648GL
8648GM

HSS

DRILL-TIPS FOR METAL, RIGHT ROTATION, WITH REDUCED SHAFT

Prod. SCU

DIN 338. Rolled type. HSS. SHORT pattern.
From 10.5mm to 16mm shank Ø 10mm and length 35mm.
From 16.5 to 20mm shank Ø 13mm and length 35mm.
Cylindrical shank, reduced shank.

Ø	mm	10,5	11	11,5	12	12,5	13	13,5
Overall length	mm	133	142	142	151	151	151	160
Helix length	mm	87	94	94	101	101	101	108
8649G	Each	3,60	3,84	4,08	4,44	4,68	5,04	5,64
Ø	mm	14	14,5	15	15,5	16	16,5	17
Overall length	mm	160	169	169	178	178	184	184
Helix length	mm	108	114	114	120	120	125	125
8649G	Each	6,00	6,60	6,84	7,32	8,04	8,64	8,88
Ø	mm	17,5	18	18,5	19	19,5	20	
Overall length	mm	191	191	198	198	205	205	
Helix length	mm	130	130	135	135	140	140	
8649G	Each	9,48	10,10	10,80	11,20	12,00	12,30	

SCU

8649G



attacco 10 mm fino a 16

attacco 13 mm da 16,5

HSS

DIN 338. Milled, HSS ground. Cutting angle 118°, with split point.
Mod. SHORT.
From 10.5 mm to 16 mm connection Ø 10 mm and length 30 mm.
From 16.5 mm to 20 mm connection Ø 13 mm and length 35 mm.
Cylindrical shank, reduced shank.

Ø	mm	10,5	11	11,5	12	12,5	13	13,5
Overall length	mm	133	142	142	151	151	151	160
Helix length	mm	87	94	94	101	101	101	108
8649GE	Each	11,30	12,00	12,80	13,50	15,10	15,10	15,70
Ø	mm	14	14,5	15	15,5	16	16,5	17
Overall length	mm	160	169	169	178	178	184	184
Helix length	mm	108	114	114	120	120	125	125
8649GE	Each	17,40	19,80	22,10	23,90	27,10	29,10	32,60
Ø	mm	17,5	18	18,5	19	19,5	20	
Overall length	mm	191	191	198	198	205	205	
Helix length	mm	130	130	135	135	140	140	
8649GE	Each	33,30	33,30	34,20	34,20	34,80	38,80	

SCU

8649GE



attacco 10 mm fino a 16

attacco 13 mm da 16,5

HSSG

STUB DRILLS, RIGHT HAND CUTTING

Prod. SCU

DIN 338. Type N, COBALT HSS-Co 5% milled.
SHORT pattern.
Cutting angle 130°, spiral flute angle 35° with double thinned sharpening for best performance.
For steel with R higher than 1000 N/sqmm, stainless steel, cast iron.
Cylindrical shank.

Ø	mm	1	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2	2,3	2,4
Overall length	mm	34	36	38	38	40	40	43	43	46	46	49	49	53	53	57
Helix length	mm	12	14	16	16	18	18	20	20	22	22	24	24	27	27	30
8651G	Each	0,54	0,54	0,54	0,54	0,54	0,54	0,66	0,66	0,66	0,66	0,66	0,78	0,78	0,78	0,78
Ø	mm	2,5	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9
Overall length	mm	57	57	61	61	61	61	65	65	65	70	70	70	70	75	75
Helix length	mm	30	30	33	33	33	33	36	36	36	39	39	39	39	43	43
8651G	Each	0,78	0,90	0,90	0,90	0,90	0,90	1,14	1,14	1,14	1,14	1,14	1,50	1,50	1,50	1,50
Ø	mm	4	4,1	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2	5,3	5,4
Overall length	mm	75	75	75	80	80	80	80	80	86	86	86	86	86	86	93
Helix length	mm	43	43	43	47	47	47	47	47	52	52	52	52	52	52	57
8651G	Each	1,50	1,62	1,62	1,74	1,74	1,74	2,04	2,04	2,04	2,16	2,16	2,52	2,52	2,52	2,52

SCU

8651G



HSS-Co-5%



Ø	mm	5,5	5,6	5,7	5,8	5,9	6	6,1	6,2	6,3	6,4	6,5	6,6	6,7	6,8	6,9
Overall length	mm	93	93	93	93	93	93	101	101	101	101	101	101	101	109	109
Helix length	mm	57	57	57	57	57	57	63	63	63	63	63	63	63	69	69
8651G	Each	2,52	2,88	2,88	2,88	2,88	2,88	3,24	3,24	3,24	3,36	3,36	4,14	4,14	4,14	4,14
Ø	mm	7	7,1	7,2	7,3	7,4	7,5	7,6	7,7	7,8	7,9	8	8,1	8,2	8,3	8,4
Overall length	mm	109	109	109	109	109	109	117	117	117	117	117	117	117	117	117
Helix length	mm	69	69	69	69	69	69	75	75	75	75	75	75	75	75	75
8651G	Each	4,14	4,74	4,74	4,74	4,74	4,74	5,52	5,52	5,52	5,52	5,52	6,00	6,00	6,00	6,00
Ø	mm	8,5	8,6	8,7	8,8	8,9	9	9,1	9,2	9,3	9,4	9,5	9,6	9,7	9,8	9,9
Overall length	mm	117	125	125	125	125	125	125	125	125	125	125	133	133	133	133
Helix length	mm	75	81	81	81	81	81	81	81	81	81	81	87	87	87	87
8651G	Each	6,00	7,08	7,08	7,08	7,08	7,08	7,86	7,86	7,86	7,86	7,86	9,00	9,00	9,00	9,00
Ø	mm	10	10,2	10,5	11	11,5	12	12,5	13	13,5	14	14,5	15	15,5	16	
Overall length	mm	133	133	133	142	142	151	151	151	160	160	169	169	178	178	
Helix length	mm	87	87	87	94	94	101	101	101	108	108	114	114	120	120	
8651G	Each	9,00	9,96	9,96	11,50	12,50	14,20	15,30	16,50	16,40	16,40	17,60	18,80	20,60	22,90	

Up to Ø 10mm in 10pcs packing units.

ASSORTMENTS OF DRILL TIPS

8651GB
8651GC



HSS-Co-5%

Prod. SCU

Assortments in enamelled steel box.

With HSS-Co 5% cylindrical drills Art. 8651 G.

Art.

With tips by
Quantity of tips
Progression

	8651GB	8651GC
mm	1 to 10	1 to 13
	19	25
mm	0,5	0,5
Each	73,90	159,00

STUB DRILLS, RIGHT HAND CUTTING

8651GL



HSS-Co-8%

Prod. SCU

DIN 338. VA type milled COBALT HSS-Co 8%. Mod. SHORT.

Cutting angle 130°, helix angle 36° with double sharpening thinned for maximum performance.

For steels with R up to 1300 N/mm², stainless steel, titanium alloys, brass, bronze, cast irons.

Cylindrical shank.

Ø	mm	1	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2	2,3	2,4
Overall length	mm	34	36	38	38	40	40	43	43	46	46	49	49	53	53	57
Helix length	mm	12	14	16	16	18	18	20	20	22	22	24	24	27	27	30
8651GL	Each	1,54	1,54	1,54	1,54	1,54	1,54	1,54	1,54	1,54	1,54	1,54	1,60	1,60	1,60	1,60
Ø	mm	2,5	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9
Overall length	mm	57	57	61	61	61	61	65	65	65	70	70	70	70	75	75
Helix length	mm	30	30	33	33	33	33	36	36	36	39	39	39	39	43	43
8651GL	Each	1,60	1,64	1,64	1,64	1,64	1,64	2,00	2,00	2,00	2,00	2,00	2,80	2,80	2,80	2,80
Ø	mm	4	4,1	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5	5,1	5,2	5,3	5,4
Overall length	mm	75	75	75	80	80	80	80	80	86	86	86	86	86	86	93
Helix length	mm	43	43	43	47	47	47	47	47	52	52	52	52	52	52	57
8651GL	Each	2,80	3,36	3,36	3,36	3,36	3,36	4,34	4,34	4,34	4,34	4,34	4,64	4,64	4,64	4,64
Ø	mm	5,5	5,6	5,7	5,8	5,9	6	6,1	6,2	6,3	6,4	6,5	6,6	6,7	6,8	6,9
Overall length	mm	93	93	93	93	93	93	101	101	101	101	101	101	101	109	109
Helix length	mm	57	57	57	57	57	57	63	63	63	63	63	63	63	69	69
8651GL	Each	4,64	5,58	5,58	5,58	5,58	5,58	6,08	6,08	6,08	6,08	6,08	7,44	7,44	7,44	7,44
Ø	mm	7	7,1	7,2	7,3	7,4	7,5	7,6	7,7	7,8	7,9	8	8,1	8,2	8,3	8,4
Overall length	mm	109	109	109	109	109	109	117	117	117	117	117	117	117	117	117
Helix length	mm	69	69	69	69	69	69	75	75	75	75	75	75	75	75	75
8651GL	Each	7,44	7,86	7,86	7,86	7,86	7,86	9,60	9,60	9,60	9,60	9,60	9,74	9,74	9,74	9,74
Ø	mm	8,5	8,6	8,7	8,8	8,9	9	9,1	9,2	9,3	9,4	9,5	9,6	9,7	9,8	9,9
Overall length	mm	117	125	125	125	125	125	125	125	125	125	125	133	133	133	133
Helix length	mm	75	81	81	81	81	81	81	81	81	81	81	87	87	87	87
8651GL	Each	9,74	12,50	12,50	12,50	12,50	12,50	13,80	13,80	13,80	13,80	13,80	15,30	15,30	15,30	15,30
Ø	mm	10	10,2	10,5	11	11,5	12	12,5	13	13,5	14	14,5	15	15,5	16	
Overall length	mm	133	133	133	142	142	151	151	151	160	160	169	169	178	178	
Helix length	mm	87	87	87	94	94	101	101	101	108	108	114	114	120	120	
8651GL	Each	15,30	17,20	17,20	20,10	22,20	23,30	26,50	27,90	31,90	33,80	38,10	40,20	44,70	47,20	

Up to Ø 10 mm in packs of 10 pieces.

Prices in EURO . VAT not included



ASSORTMENTS OF DRILL TIPS

Prod. SCU

Supplied in sturdy case in ABS unbreakable.
With cylindrical drills Art. 8651 GL in steel HSS-Co 8%.

Art.	8651GP	8651GR
With tips by	mm 1 to 10	1 to 13
Quantity of tips	19	25
Progression	mm 0,5	0,5
8651GP	Each 114,00	257,00

SCU



8651GP
8651GR

HSS-Co-8%

STUB DRILLS, RIGHT HAND CUTTING

Prod. SCU

DIN 340. Rolled type. HSS.
LONG pattern. Cylindrical shank.

SCU



8652G

HSS

Ø	mm	2	2,2	2,5	2,8	3	3,2	3,5	3,8	4	4,2	4,5	4,8	5	5,2	5,5	5,8
Overall length	mm	85	90	95	100	100	106	112	119	119	119	126	132	132	132	139	139
Helix length	mm	56	59	62	66	66	69	73	78	78	78	82	87	87	87	91	91
8652G	Each	0,54	0,78	0,66	0,90	0,78	1,02	0,90	1,38	1,14	1,50	1,50	2,16	1,74	2,28	1,98	2,40
Ø	mm	6	6,5	7	7,5	8	8,5	9	9,5	10	10,5	11	11,5	12	12,5	13	
Overall length	mm	139	148	156	156	165	165	175	175	184	184	195	195	205	205	205	
Helix length	mm	91	97	102	102	109	109	115	115	121	121	128	128	134	134	134	
8652G	Each	2,04	2,28	2,40	2,52	3,00	3,12	3,36	3,78	4,38	4,86	5,76	6,36	7,08	7,62	8,22	

Up to Ø 10mm in 10pcs packing units.

DIN 345. Rolled type. HSS. Morse taper shank.

SCU



8656G

HSS

Ø	mm	8	8,5	9	9,5	10	10,5	11	11,5	12	12,5	13	13,5	14	14,5	15
Drive	C.M.	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Overall length	mm	156	156	162	162	168	168	175	175	182	182	182	189	189	212	212
Helix length	mm	75	75	81	81	87	87	94	94	101	101	101	108	108	114	114
8656G	Each	7,26	8,28	8,14	8,92	8,28	8,58	8,76	10,30	9,10	9,74	10,30	11,30	10,50	10,70	11,80
Ø	mm	15,5	16	16,5	17	17,5	18	18,5	19	19,5	20	20,5	21	21,5	22	22,5
Drive	C.M.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Overall length	mm	218	218	223	223	228	228	233	233	238	238	243	243	248	248	253
Helix length	mm	120	120	125	125	125	125	135	135	140	140	145	145	150	150	155
8656G	Each	12,20	12,20	13,70	14,20	14,50	15,50	16,50	16,50	18,70	17,70	18,20	19,50	22,90	21,70	23,50
Ø	mm	23	23,5	24	24,5	25	25,5	26	26,5	27	27,5	28	28,5	29	29,5	30
Drive	C.M.	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Overall length	mm	253	276	281	281	281	286	286	286	291	291	291	296	296	296	296
Helix length	mm	155	155	160	160	160	165	165	165	170	170	170	175	175	175	175
8656G	Each	26,40	25,90	27,10	27,90	29,40	30,90	33,90	32,90	33,90	34,40	36,90	46,40	40,40	40,90	40,40
Ø	mm	30,5	31	31,5	32	32,5	33	33,5	34	34,5	35	35,5	36	36,5	37	37,5
Drive	C.M.	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
Overall length	mm	301	301	301	334	334	334	334	339	339	339	339	344	344	344	344
Helix length	mm	180	180	180	185	185	185	185	190	190	190	190	195	195	195	195
8656G	Each	49,90	48,40	54,40	50,90	57,30	54,40	60,30	62,30	68,80	63,80	72,80	68,30	75,30	73,30	84,20
Ø	mm	38	38,5	39	39,5	40	40,5	41	41,5	42	42,5	43	43,5	44	44,5	45
Drive	C.M.	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Overall length	mm	349	349	349	349	349	354	354	354	354	354	359	359	359	359	359
Helix length	mm	200	200	200	200	200	205	205	205	205	205	210	210	210	210	210
8656G	Each	78,80	94,70	85,30	107,00	89,70	111,00	96,70	116,00	104,00	122,00	111,00	126,00	116,00	132,00	123,00
Ø	mm	45,5	46	46,5	47	47,5	48	48,5	49	49,5	50	51	52	53	54	55
Drive	C.M.	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5
Overall length	mm	364	364	364	364	364	369	369	369	369	369	412	412	412	417	417
Helix length	mm	215	215	215	215	215	220	220	220	220	220	225	225	225	230	230
8656G	Each	140,00	126,00	156,00	134,00	160,00	138,00	165,00	144,00	171,00	148,00	179,00	194,00	203,00	209,00	212,00
Ø	mm	56	57	58	59	60	80									
Drive	C.M.	5	5	5	5	5	6									
Overall length	mm	417	422	422	422	422	514									
Helix length	mm	230	235	235	235	235	260									
8656G	Each	254,00	262,00	245,00	272,00	265,00	540,00									

Size mm 80 running out of stock.



CENTRE DRILLS

8660G

SCU



HSS

Prod. SCU

DIN 333 - Form A. HSS.
For drilling metals and steel. Right-hand cutting.
60° countersink taper .Cutting angle 120°.

Tip Ø	mm	1	1,25	1,6	2	2,5	3,15	4
Body Ø	mm	3,15	3,15	4	5	6,3	8	10
Overall length	mm	31,5	31,5	35,5	40	45	50	56
8660G	Each	1,62	1,62	1,82	2,22	2,42	3,22	5,22
Tip Ø	mm	5	6,3	8	10			
Body Ø	mm	12,5	16	20	25			
Overall length	mm	63	71	80	100			
8660G	Each	6,64	13,10	29,90	67,10			

DRILL BITS WITH EXAGONAL SHANK 1/4

8665

VÖLKEL
THREADING SOLUTIONS



HSSG

1/4"

Orig. Völkel - Art. 671

Short type, 1/4 - C 6,3 hex drive, suitable for use with screwdrivers, screws, drills, etc HSS-G.

For drilling metals with resistance up to R 600 N/mm², light alloys, plastic material, etc.

Ø	mm	1	1,5	2	2,5	3	3,3	3,5	4
Overall length	mm	32	32	34	36	38	40	40	44
Helix length	mm	7	10	12	14	16	18	18	20
8665	Each	4,64	4,64	4,64	4,64	4,64	4,64	4,64	4,64
Ø	mm	4,2	4,5	5	5,5	6	6,5	6,8	7
Overall length	mm	45	46	50	50	50	50	50	50
Helix length	mm	20	24	26	26	26	30	30	30
8665	Each	4,64	4,64	4,64	4,80	4,80	4,80	4,80	4,80
Ø	mm	7,5	8	8,5	9	9,5	10	10,2	
Overall length	mm	51	51	53	53	54	54	54	
Helix length	mm	32	32	33	33	38	38	38	
8665	Each	5,66	5,66	6,54	6,54	7,26	7,26	7,26	

For assortments with bits for metals and wood see Art. 4525 GB.

8665A

VÖLKEL
THREADING SOLUTIONS



HSSG

1/4"

Orig. Völkel - Art. 67100

Assortment of 19 points, 0.5 mm progression.

Contents:

1 pcs. per size Art. 8665 Ø 1-1.5-2-2.5-3-3.5-4-4.5-5-5.5-6-6.5-7-7.5-8-8.5-9-9.5-10mm.
In plastic holder.

8665A	Each	87,10
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8665E

SCU



HSS

1/4"

Prod. SCU

Short type, 1/4 - E 6.3 hex drive, suitable for use with screwdrivers, screws, drills, etc In HSS.

For drilling metals with resistance up to R 600 N/mm², light alloys, plastic materials, etc.

Ø	mm	1	2	3	4	5	6
Overall length	mm	59	69	82	94	107	114
Helix length	mm	12	24	39	43	52	57
8665E	Each	1,48	1,48	1,58	2,04	2,62	3,40

GONIOMETER FOR TWIST DRILL TO GRIND

8680G

SCU



Prod. SCU

Suitable for positioning drills against the grinding wheel. The positioning is carried out on 2 axes. Micrometric adjustment for drill feed.

Aluminium alloy body with steel adjusting bars.

For drills from 3mm to 19mm with cylindrical shank.

8680G	Each	47,10
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13

Prices in EURO . VAT not included



TWIST DRILL GRINDER MACHINES

Prod. SCU

Bench-type for HSS, HSS-Co5, HSS-Co8 drills and hardmetal with cylindrical shank from 2.5 to 19mm.
 Suitable for sharpening cutting angles from 115° to 140°. Ideal for sharpening Split Point.
 Monophase motor 230 V - 50 Hz, power 750 W.
 Diamond grinding wheel, precise and long lasting.
 Complete.

8681 Each 459,00



Professional bench-type for HSS, HSS-E drills and hardmetal with cylindrical shank from 3 to 13mm.
 Easy to use, easy and precise adjustment. Suitable for sharpening or creating cutting and rake angles and tip web thinning.
 Admitted angle from 90° to 144° for drills Ø 6mm to 13mm, 118° to 135° for drills Ø 3mm to 6.
 Supplied with elastic collets (ER 20) 3-4-5-6-7-8-9-10-11-12-13mm placed inside in a dedicated protected area.
 Monophase motor 230 V - 50 Hz. Weight 11Kg.
 Diamond grinding wheel, precise and long lasting.
 Complete.

8682 Each 2.130,00

**We supply the diamond wheel to sharpen HSS and HSS-E drills.
 Diamond wheel for carbide tips available on request.
 Product running out of stock.**



Professional bench-type for HSS, HSS-E drills and hardmetal with cylindrical shank from 12 to 25mm.
 Easy to use, easy and precise adjustment. Suitable for sharpening or creating cutting and rake angles and tip web thinning.
 Admitted angle from 90° to 144° for all diameters.
 Supplied with elastic collets (ER 40) 12-13-14-15-16-17-18-19-20-21-22-23-24-25mm placed inside in a dedicated protected area.
 Monophase motor 220/240 V - 50/60 Hz. Weight 27Kg.
 Diamond grinding wheel, precise and long lasting.
 Complete.

8683 Each 4.110,00

**We supply the diamond wheel to sharpen HSS and HSS-E drills.
 Diamond wheel for carbide tips available on request.
 Product running out of stock.**



Professional-industrial, column type, for conical cylindrical tip drive, 5 to 40mm.
 It allows to sharpen or make cutting and rake angles and to thin the core tip.
 Cutting edges sharpening angle 118°.
 Rake angle from 0° to 15°.
 Tri-phase motor 400 V, 50 Hz, HP 1, 2800 r.p.m., weight 80kg.
 Supplied with 1 grinding wheel in white coridon, 1 cup grinding wheel Ø 200x40mm, hole 20mm and 1 standard gray corindon Ø 200x25mm, hole 20mm. Device for grinding wheel dressing complete with diamond.
 Dimensions 800x710x1300h mm.
 Complete.

8690 Each 5.310,00





DRILL BUSHES

8695 SCU



Prod. SCU

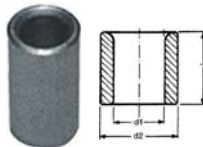
SHORT type without collar. DIN 179.

In special steel, hardened and ground. Hardness Hrc 60-62.

Tolerance: int. Ø F7 - ext. Ø n. 6.

Int Ø d1	mm	2	2,1	2,2	2,25	2,3	2,4	2,5	2,6	2,7	2,75	2,8	2,9	3	3,1	3,2
d2 ext. Ø	mm	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6
Height l	mm	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8
8695	Each	1,98	1,98	1,98	1,98	1,98	1,98	1,98	1,98	1,98	1,98	1,98	1,98	1,98	1,98	1,98
Int Ø d1	mm	3,25	3,3	3,4	3,5	3,6	3,7	3,75	3,8	3,9	4	4,1	4,2	4,25	4,3	4,4
d2 ext. Ø	mm	6	6	7	7	7	7	7	7	7	7	8	8	8	8	8
Height l	mm	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8695	Each	1,98	1,98	1,82	1,82	1,82	1,82	1,82	1,82	1,82	1,82	1,90	1,90	1,90	1,90	1,90
Int Ø d1	mm	4,5	4,6	4,7	4,75	4,8	4,9	5	5,1	5,2	5,25	5,3	5,4	5,5	5,6	5,7
d2 ext. Ø	mm	8	8	8	8	8	8	8	10	10	10	10	10	10	10	10
Height l	mm	8	8	8	8	8	8	8	10	10	10	10	10	10	10	10
8695	Each	1,90	1,90	1,90	1,90	1,90	1,90	1,90	2,08	2,08	2,08	2,08	2,08	2,08	2,08	2,08
Int Ø d1	mm	5,75	5,8	5,9	6	6,1	6,2	6,25	6,3	6,4	6,5	6,6	6,7	6,75	6,8	6,9
d2 ext. Ø	mm	10	10	10	10	12	12	12	12	12	12	12	12	12	12	12
Height l	mm	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8695	Each	2,08	2,08	2,08	2,08	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16
Int Ø d1	mm	7	7,1	7,2	7,25	7,3	7,4	7,5	7,6	7,7	7,75	7,8	7,9	8	8,1	8,2
d2 ext. Ø	mm	12	12	12	12	12	12	12	12	12	12	12	12	12	15	15
Height l	mm	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12
8695	Each	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,16	2,24	2,24
Int Ø d1	mm	8,25	8,3	8,4	8,5	8,6	8,7	8,75	8,8	8,9	9	9,1	9,2	9,25	9,3	9,4
d2 ext. Ø	mm	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Height l	mm	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
8695	Each	2,24	2,24	2,24	2,24	2,24	2,24	2,24	2,24	2,24	2,24	2,24	2,24	2,24	2,24	2,24
Int Ø d1	mm	9,5	9,6	9,7	9,75	9,8	9,9	10	10,1	10,2	10,25	10,3	10,4	10,5	10,6	10,7
d2 ext. Ø	mm	15	15	15	15	15	15	15	18	18	18	18	18	18	18	18
Height l	mm	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
8695	Each	2,24	2,24	2,24	2,24	2,24	2,24	2,24	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60
Int Ø d1	mm	10,75	10,8	10,9	11	11,1	11,2	11,25	11,3	11,4	11,5	11,6	11,7	11,75	11,8	11,9
d2 ext. Ø	mm	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Height l	mm	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
8695	Each	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60
Int Ø d1	mm	12	12,1	12,2	12,25	12,3	12,4	12,5	12,6	12,7	12,75	12,8	12,9	13	13,25	13,5
d2 ext. Ø	mm	18	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Height l	mm	12	16	16	16	16	16	16	16	16	16	16	16	16	16	16
8695	Each	2,60	2,86	2,86	2,86	2,86	2,86	2,86	2,86	2,86	2,86	2,86	2,86	2,86	2,86	2,86
Int Ø d1	mm	13,75	14	14,25	14,5	14,75	15	15,25	15,5	15,75	16	16,5	17	18	19	20
d2 ext. Ø	mm	22	22	22	22	22	22	26	26	26	26	26	26	26	30	30
Height l	mm	16	16	16	16	16	16	16	16	16	16	16	16	16	20	20
8695	Each	2,86	2,86	2,86	2,86	2,86	2,86	3,88	3,88	3,88	3,88	3,88	3,88	3,88	4,84	4,84
Int Ø d1	mm	21	22	23	24	25	26	27	28	29	30					
d2 ext. Ø	mm	30	30	35	35	35	35	42	42	42	42					
Height l	mm	20	20	20	20	20	20	25	25	25	25					
8695	Each	4,84	4,84	5,62	5,62	5,62	5,62	10,20	10,20	10,20	10,20					

8696 SCU



LONG type without collar. DIN 179.

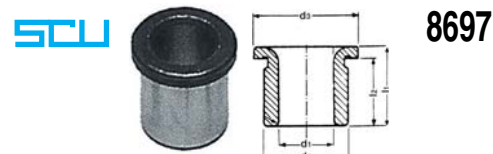
In special steel, hardened and ground. Hardness Hrc 60-62.

Tolerance: int. Ø F7 - ext. Ø n. 6.

Int Ø d1	mm	2	2,5	3	3,2	3,5	4	4,3	4,5	5	5,5	6	6,5	7	7,5	8
d2 ext. Ø	mm	5	5	6	6	7	7	8	8	8	10	10	12	12	12	12
Height l	mm	9	9	12	12	12	12	12	12	12	16	16	16	16	16	16
8696	Each	2,24	2,24	2,24	2,24	2,16	2,16	2,24	2,24	2,24	2,42	2,42	2,50	2,50	2,50	2,50
Int Ø d1	mm	8,5	9	9,5	10	10,5	11	11,5	12	12,5	13	13,5	14	14,5	15	15,5
d2 ext. Ø	mm	15	15	15	15	18	18	18	18	22	22	22	22	22	22	26
Height l	mm	20	20	20	20	20	20	20	20	28	28	28	28	28	28	28
8696	Each	2,76	2,76	2,76	2,76	3,20	3,20	3,20	3,20	3,98	3,98	3,98	3,98	3,98	3,98	5,00
Int Ø d1	mm	16	16,5	17	17,5	18	18,5	19	19,5	20						
d2 ext. Ø	mm	26	26	26	26	26	30	30	30	30						
Height l	mm	28	28	28	28	28	36	36	36	36						
8696	Each	5,00	5,00	5,00	5,00	5,00	6,22	6,22	6,22	6,22						

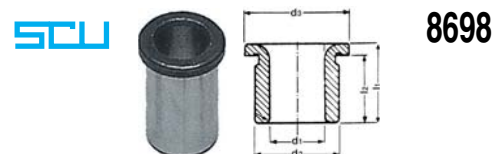


SHORT type with collar. DIN 172.
In special steel, hardened and ground. Hardness Hrc 60-62.
Tolerance: int. Ø F7 - ext. Ø n. 6.



Int Ø d1	mm	2	2,1	2,2	2,25	2,3	2,4	2,5	2,6	2,7	2,75	2,8	2,9	3	3,1	3,2
d2-d3 ext. Ø	mm	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8	6-9	6-9	6-9	6-9	6-9	6-9	6-9
I1-I2 Height	mm	6-4	6-4	6-4	6-4	6-4	6-4	6-4	6-4	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5
8697	Each	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,60	2,50	2,50	2,50	2,50	2,50	2,50	2,50
Int Ø d1	mm	3,25	3,3	3,4	3,5	3,6	3,7	3,75	3,8	3,9	4	4,1	4,2	4,25	4,3	4,4
d2-d3 ext. Ø	mm	6-9	6-9	7-10	7-10	7-10	7-10	7-10	7-10	7-10	7-10	8-11	8-11	8-11	8-11	8-11
I1-I2 Height	mm	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5
8697	Each	2,50	2,50	2,42	2,42	2,42	2,42	2,42	2,42	2,42	2,42	2,34	2,34	2,34	2,34	2,34
Int Ø d1	mm	4,5	4,6	4,7	4,75	4,8	4,9	5	5,1	5,2	5,25	5,3	5,4	5,5	5,6	5,7
d2-d3 ext. Ø	mm	8-11	8-11	8-11	8-11	8-11	8-11	8-11	10-13	10-13	10-13	10-13	10-13	10-13	10-13	10-13
I1-I2 Height	mm	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	8-5,5	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7
8697	Each	2,34	2,34	2,34	2,34	2,34	2,34	2,34	2,42	2,42	2,42	2,42	2,42	2,42	2,42	2,42
Int Ø d1	mm	5,75	5,8	5,9	6	6,1	6,2	6,25	6,3	6,4	6,5	6,6	6,7	6,75	6,8	6,9
d2-d3 ext. Ø	mm	10-13	10-13	10-13	10-13	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15
I1-I2 Height	mm	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7
8697	Each	2,42	2,42	2,42	2,42	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68
Int Ø d1	mm	7	7,1	7,2	7,25	7,3	7,4	7,5	7,6	7,7	7,75	7,8	7,9	8	8,1	8,2
d2-d3 ext. Ø	mm	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15	12-15	15-18	15-18
I1-I2 Height	mm	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	10-7	12-9	12-9
8697	Each	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68	2,68	3,02	3,02
Int Ø d1	mm	8,25	8,3	8,4	8,5	8,6	8,7	8,75	8,8	8,9	9	9,1	9,2	9,25	9,3	9,4
d2-d3 ext. Ø	mm	15-18	15-18	15-18	15-18	15-18	15-18	15-18	15-18	15-18	15-18	15-18	15-18	15-18	15-18	15-18
I1-I2 Height	mm	12-9	12-9	12-9	12-9	12-9	12-9	12-9	12-9	12-9	12-9	12-9	12-9	12-9	12-9	12-9
8697	Each	3,02	3,02	3,02	3,02	3,02	3,02	3,02	3,02	3,02	3,02	3,02	3,02	3,02	3,02	3,02
Int Ø d1	mm	9,5	9,6	9,7	9,75	9,8	9,9	10	10,1	10,2	10,25	10,3	10,4	10,5	10,6	10,7
d2-d3 ext. Ø	mm	15-18	15-18	15-18	15-18	15-18	15-18	15-18	18-22	18-22	18-22	18-22	18-22	18-22	18-22	18-22
I1-I2 Height	mm	12-9	12-9	12-9	12-9	12-9	12-9	12-9	12-8	12-8	12-8	12-8	12-8	12-8	12-8	12-8
8697	Each	3,02	3,02	3,02	3,02	3,02	3,02	3,02	3,28	3,28	3,28	3,28	3,28	3,28	3,28	3,28
Int Ø d1	mm	10,75	10,8	10,9	11	11,1	11,2	11,25	11,3	11,4	11,5	11,6	11,7	11,75	11,8	11,9
d2-d3 ext. Ø	mm	18-22	18-22	18-22	18-22	18-22	18-22	18-22	18-22	18-22	18-22	18-22	18-22	18-22	18-22	18-22
I1-I2 Height	mm	12-8	12-8	12-8	12-8	12-8	12-8	12-8	12-8	12-8	12-8	12-8	12-8	12-8	12-8	12-8
8697	Each	3,28	3,28	3,28	3,28	3,28	3,28	3,28	3,28	3,28	3,28	3,28	3,28	3,28	3,28	3,28
Int Ø d1	mm	12	12,1	12,2	12,25	12,3	12,4	12,5	12,6	12,7	12,75	12,8	12,9	13	13,25	13,5
d2-d3 ext. Ø	mm	18-22	22-26	22-26	22-26	22-26	22-26	22-26	22-26	22-26	22-26	22-26	22-26	22-26	22-26	22-26
I1-I2 Height	mm	12-8	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12
8697	Each	3,28	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80
Int Ø d1	mm	13,75	14	14,25	14,5	14,75	15	15,25	15,5	15,75	16	16,5	17	18	19	20
d2-d3 ext. Ø	mm	22-26	22-26	22-26	22-26	22-26	22-26	26-30	26-30	26-30	26-30	26-30	26-30	26-30	30-34	30-34
I1-I2 Height	mm	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	16-12	20-15	20-15
8697	Each	3,80	3,80	3,80	3,80	3,80	3,80	4,74	4,74	4,74	4,74	4,74	4,74	4,74	6,22	6,22
Int Ø d1	mm	21	22	23	24	25	26	27	28	29	30					
d2-d3 ext. Ø	mm	30-34	30-34	35-39	35-39	35-39	35-39	42-46	42-46	42-46	42-46					
I1-I2 Height	mm	20-15	20-15	20-15	20-15	20-15	20-15	25-20	25-20	25-20	25-20					
8697	Each	6,22	6,22	7,94	7,94	7,94	7,94	11,90	11,90	11,90	11,90					

LONG type with collar. DIN 172.
In special steel, hardened and ground. Hardness Hrc 60-62.
Tolerance: int. Ø F7 - ext. Ø n. 6.



Int Ø d1	mm	2	2,5	3	3,2	3,5	4	4,3	4,5	5	5,5	6	6,5	7	7,5	
d2-d3 ext. Ø	mm	5-8	5-8	6-9	6-9	7-10	7-10	8-11	8-11	8-11	10-13	10-13	12-15	12-15	12-15	
I1-I2 Height	mm	9-7	9-7	12-9,5	12-9,5	12-9,5	12-9,5	12-9,5	12-9,5	12-9,5	16-13	16-13	16-13	16-13	16-13	
8698	Each	2,86	2,86	2,86	2,86	2,76	2,76	2,60	2,60	2,60	2,76	2,76	3,02	3,02	3,02	
Int Ø d1	mm	8	8,5	9	9,5	10	10,5	11	11,5	12	12,5	13	13,5	14	14,5	
d2-d3 ext. Ø	mm	12-15	15-18	15-18	15-18	15-18	18-22	18-22	18-22	18-22	22-26	22-26	22-26	22-26	22-26	
I1-I2 Height	mm	16-13	20-17	20-17	20-17	20-17	20-16	20-16	20-16	20-16	28-24	28-24	28-24	28-24	28-24	
8698	Each	3,02	3,36	3,36	3,36	3,36	3,72	3,72	3,72	3,72	5,44	5,44	5,44	5,44	5,44	
Int Ø d1	mm	15	15,5	16	16,5	17	17,5	18	18,5	19	19,5	20				
d2-d3 ext. Ø	mm	22-26	26-30	26-30	26-30	26-30	26-30	26-30	30-34	30-34	30-34	30-34				
I1-I2 Height	mm	28-24	28-24	28-24	28-24	28-24	28-24	28-24	36-31	36-31	36-31	36-31				
8698	Each	5,44	6,38	6,38	6,38	6,38	6,38	6,38	8,46	8,46	8,46	8,46				



END MILLS

8732

SCU



Prod. SCU

Two-flute end mills. Short series. DIN 327 B - UNI 8254 A-ISO 1641/1.
Central tang drive. Weldon shank. Cutting tolerance e8.
HSS-E COBALT 8%

HSS-E-8%

Ø	mm	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	7,5	8	8,5	9	9,5
Overall length	mm	48	48	49	49	51	51	52	52	52	60	60	60	61	61	61	61
Cutting edge length	mm	4	4	5	5	7	7	8	8	8	10	10	10	11	11	11	11
Drive Ø	mm	6	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10
8732	Each	16,50	16,50	16,50	16,50	16,50	16,50	16,50	16,50	16,50	23,70	23,70	23,70	23,70	23,70	23,70	23,70

Ø	mm	10	11	12	13	14	15	16	17	18	19	20	22	25	30
Overall length	mm	63	70	73	73	73	73	79	79	79	79	88	88	102	102
Cutting edge length	mm	13	13	16	16	16	16	16	19	19	19	22	22	26	26
Drive Ø	mm	10	12	12	12	12	12	16	16	16	16	20	20	25	25
8732	Each	23,70	31,50	31,50	34,80	34,80	40,50	42,60	52,70	52,70	62,70	62,70	69,90	101,00	170,00

8734

SCU



Product description as Art. 8732

HSS-E COBALT 8%, TiAlN coating.

TiAlN

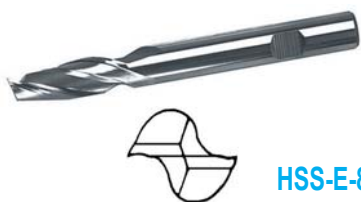
HSS-E-8%

Ø	mm	4	5	6	8	10	12	14
Overall length	mm	51	52	52	61	63	73	73
Cutting edge length	mm	7	8	8	11	13	16	16
Drive Ø	mm	6	6	6	10	10	12	12
8734	Each	18,70	18,70	18,70	26,90	26,90	35,60	50,80

Ø	mm	16	18	20
Overall length	mm	79	79	88
Cutting edge length	mm	16	19	22
Drive Ø	mm	16	16	20
8734	Each	61,30	75,20	95,50

8737

SCU



Two-flute end mills. Long series. ISO 1641/1. Central tang drive.
Weldon shank. Cutting tolerance e8.

HSS-E COBALT 8%

HSS-E-8%

Ø	mm	3	4	5	6	8	10	12
Overall length	mm	56	63	68	68	88	95	110
Cutting edge length	mm	8	11	13	13	19	22	26
Drive Ø	mm	6	6	6	6	10	10	12
8737	Each	24,40	24,40	24,40	24,40	34,10	34,10	45,50

Ø	mm	14	16	18	20
Overall length	mm	110	123	123	141
Cutting edge length	mm	26	32	32	38
Drive Ø	mm	12	16	16	20
8737	Each	51,90	63,40	78,60	93,50

8738

SCU



Two-flute, ball nose end mills. Short series. ISO 1641/1.
Weldon shank. Cutting tolerance e8.

HSS-E COBALT 8%

HSS-E-8%

Ø	mm	3	4	5	6	7	8	9	10
Overall length	mm	49	51	52	52	60	61	61	63
Cutting edge length	mm	5	7	8	8	10	11	11	13
Drive Ø	mm	6	6	6	6	10	10	10	10
8738	Each	25,70	25,70	25,70	25,70	32,70	32,70	32,70	32,70

Ø	mm	11	12	13	14	15	16	18	20
Overall length	mm	70	73	73	73	73	79	79	82
Cutting edge length	mm	13	16	16	16	16	19	19	22
Drive Ø	mm	12	12	12	12	12	16	16	20
8738	Each	42,50	42,50	48,10	48,10	53,70	55,80	68,80	78,60

8738E

SCU



Product description as Art. 8738

HSS-E COBALT 8%, TiAlN coating.

TiAlN

HSS-E-8%

Ø	mm	4	5	6	8	10	12	14
Overall length	mm	51	52	52	61	63	73	73
Cutting edge length	mm	7	8	8	11	13	16	16
Drive Ø	mm	6	6	6	10	10	12	12
8738E	Each	29,30	29,30	29,30	37,20	37,20	48,70	66,10

Ø	mm	16	18	20
Overall length	mm	79	79	82
Cutting edge length	mm	19	19	22
Drive Ø	mm	16	16	20
8738E	Each	76,60	93,10	109,00

Prices in EURO . VAT not included



Two-flute, ball nose end mills. Long series. ISO 1641/1.
Weldon shank. Cutting tolerance e8.
HSS-E COBALT 8%.

Ø	mm	3	4	5	6	8	10	12
Overall length	mm	56	63	68	68	88	95	110
Cutting edge length	mm	8	11	13	13	19	22	26
Drive Ø	mm	6	6	6	6	10	10	12
8739	Each	34,80	34,80	34,80	34,80	44,50	44,50	58,40

Ø	mm	14	16	18	20
Overall length	mm	110	123	123	141
Cutting edge length	mm	26	32	32	38
Drive Ø	mm	12	16	16	20
8739	Each	67,30	79,10	97,40	113,00

SCU

8739



HSS-E-8%

Three-flute end mills. Long series. DIN 8245 A-ISO 1641/1.
Central tang drive. Weldon shank. Cutting tolerance e8.
HSS-E COBALT 8%

Ø	mm	3	4	5	6	7	8	9
Overall length	mm	52	55	57	57	66	69	69
Cutting edge length	mm	8	11	13	13	16	19	19
Drive Ø	mm	6	6	6	6	10	10	10
8742	Each	22,10	22,10	22,10	22,10	29,80	29,80	29,80

Ø	mm	10	11	12	13	14	15	16
Overall length	mm	72	79	83	83	83	83	92
Cutting edge length	mm	22	22	26	26	26	26	32
Drive Ø	mm	10	12	12	12	12	12	16
8742	Each	29,80	39,70	39,70	47,70	43,70	50,80	53,30

Ø	mm	18	20	22
Overall length	mm	92	104	104
Cutting edge length	mm	32	38	38
Drive Ø	mm	16	20	20
8742	Each	66,10	78,80	87,80

SCU

8742



HSS-E-8%

Product description as Art. 8742
HSS-E COBALT 8%, TiAlN coating.

Ø	mm	4	5	6	8	10	12	14
Overall length	mm	55	57	57	69	72	83	83
Cutting edge length	mm	11	13	13	19	22	26	26
Drive Ø	mm	6	6	6	10	10	12	12
8743	Each	34,50	34,50	34,50	49,30	50,60	64,10	70,90

Ø	mm	16	18	20
Overall length	mm	92	92	104
Cutting edge length	mm	32	32	38
Drive Ø	mm	16	16	20
8743	Each	84,30	104,00	132,00

SCU

8743



TiAlN



HSS-E-8%

Three-flute end mills. Long series. DIN 8245 A-ISO 1641/1.
Central tang drive. Weldon shank. Cutting tolerance e8.
HSS-E COBALT 8%

Ø	mm	3	4	5	6	8	10	12
Overall length	mm	56	63	68	68	88	95	110
Cutting edge length	mm	12	19	24	24	38	45	53
Drive Ø	mm	6	6	6	6	10	10	12
8746	Each	28,60	28,60	28,60	28,60	40,10	40,10	53,40

Ø	mm	14	16	18	20
Overall length	mm	110	123	123	141
Cutting edge length	mm	53	63	63	75
Drive Ø	mm	12	16	16	20
8746	Each	61,00	74,70	92,40	111,00

SCU

8746



HSS-E-8%

Three-flute end mills, 45° bent. Short series. ISO 1641/2.
Central tang drive. Weldon shank. Cutting tolerance J14.
HSS-E COBALT 8%.

Ø	mm	6	8	10	12	14	16	18
Overall length	mm	57	69	72	83	83	92	92
Cutting edge length	mm	13	19	22	26	26	32	32
Drive Ø	mm	6	10	10	12	12	16	16
8747	Each	31,50	42,10	48,20	58,70	73,40	92,20	109,00

Ø	mm	20
Overall length	mm	104
Cutting edge length	mm	38
Drive Ø	mm	20
8747	Each	120,00

SCU

8747



HSS-E-8%



8748

SCU



HSS-E-5%

Two-flute end mills. Short series. DIN 326 D-UNI 8260 A-ISO 1641/2.
Central tang drive. Morse taper shank and threaded hole. Cutting tolerance e8.

HSS-E COBALT 5%

Ø	mm	10	15	16	18	20	22	24
Overall length	mm	85	104	107	107	110	132	136
Cutting edge length	mm	13	16	19	19	22	22	26
Drive	C.M.	1	2	2	2	2	3	3
8748	Each	42,40	83,20	83,20	92,90	118,00	136,00	146,00

Ø	mm	25	30	32
Overall length	mm	136	136	171
Cutting edge length	mm	26	26	32
Drive	C.M.	3	3	4
8748	Each	147,00	180,00	229,00

Size mm 10 running out of stock.

8748E

SCU



HSS-E-8%

Product description as Art. 8748

HSS-E COBALT 8%

Ø	mm	10	12	15	16	18	20	22
Overall length	mm	85	88	104	107	107	110	132
Cutting edge length	mm	13	16	16	19	19	22	22
Drive	C.M.	1	1	2	2	2	2	3
8748E	Each	13,80	13,90	94,80	94,80	107,00	134,00	153,00

Ø	mm	24	25	30	32
Overall length	mm	136	136	136	171
Cutting edge length	mm	26	26	26	32
Drive	C.M.	3	3	3	4
8748E	Each	167,00	169,00	207,00	265,00

Sizes mm 10 and 12 running out of stock.

8749

SCU



HSS-E-5%

Three-flute end mills. Normal series. DIN 845 B- UNI 8250 - ISO 1641/2.
Central tang drive. Morse taper shank and threaded hole. Cutting tolerance e8.

HSS-E COBALT 5%

Ø	mm	15	16	18	20	22	24	25
Overall length	mm	117	117	117	123	140	147	147
Cutting edge length	mm	32	32	32	38	38	45	45
Drive	C.M.	2	2	2	2	3	3	3
8749	Each	105,00	105,00	107,00	136,00	146,00	165,00	167,00

Ø	mm	30	32
Overall length	mm	147	178
Cutting edge length	mm	45	53
Drive	C.M.	3	4
8749	Each	209,00	279,00

8749F

SCU



HSS-E-8%

Product description as Art. 8749

HSS-E COBALT 8%

Ø	mm	15	16	18	20	22	24	25
Overall length	mm	117	117	117	123	140	147	147
Cutting edge length	mm	32	32	32	38	38	45	45
Drive	C.M.	2	2	2	2	3	3	3
8749F	Each	118,00	118,00	120,00	153,00	165,00	190,00	192,00

Ø	mm	30	32
Overall length	mm	147	178
Cutting edge length	mm	45	53
Drive	C.M.	3	4
8749F	Each	240,00	320,00



SHELL-END MILLS

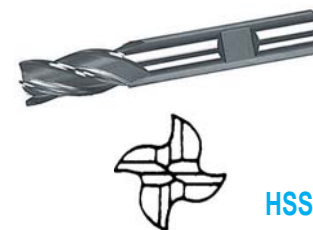
Prod. SCU

Spiral flute end mills. Short series. DIN 844 A - UNI 8244 - ISO 1641/1.
Weldon shank. Cutting tolerance J14.
Ø 3 to 22mm = 4 flute/Ø 25 and 28mm = 5 flute/Ø 30mm = 6 flute
HSS-E COBALT 8%

SCU

8751

Ø	mm	3	4	5	6	7	8	9	10
Overall length	mm	52	55	57	57	66	69	69	72
Cutting edge length	mm	8	11	13	13	16	19	19	22
Drive Ø	mm	6	6	6	6	10	10	10	10
8751	Each	22,10	22,10	22,10	22,10	29,80	29,80	29,80	29,80
Ø	mm	11	12	13	14	15	16	17	18
Overall length	mm	79	83	83	83	83	92	92	92
Cutting edge length	mm	22	26	26	26	26	32	32	32
Drive Ø	mm	12	12	12	12	16	16	16	16
8751	Each	41,70	41,70	45,90	45,90	53,20	53,30	56,10	69,30
Ø	mm	19	20	22	25	28	30		
Overall length	mm	92	104	104	121	121	121		
Cutting edge length	mm	32	38	38	45	45	45		
Drive Ø	mm	20	20	20	25	25	25		
8751	Each	69,10	82,30	91,80	132,00	147,00	155,00		



HSS-E-8%

When the stocks will be run out, Ø 19 mm will have the connection Ø 16 mm.

Product description as Art. 8751

HSS-E COBALT 8%, TiAIN coating.

SCU

8751E

Ø	mm	4	5	6	8	10	12	14
Overall length	mm	55	57	57	69	72	83	83
Cutting edge length	mm	11	13	13	19	22	26	26
Drive Ø	mm	6	6	6	10	10	12	12
8751E	Each	25,30	25,30	25,30	34,10	34,10	47,60	66,10
Ø	mm	16	18	20				
Overall length	mm	92	92	104				
Cutting edge length	mm	32	32	38				
Drive Ø	mm	16	16	20				
8751E	Each	78,50	96,80	122,00				



TiAIN

HSS-E-8%

Four-flute end mills. Long series. UNI 8245 A-ISO 1641/1.

Weldon shank. Cutting tolerance J14.

HSS-E COBALT 8%

SCU

8753

Ø	mm	3	4	5	6	7	8	9
Overall length	mm	56	63	68	68	80	88	88
Cutting edge length	mm	12	19	24	24	30	38	38
Drive Ø	mm	6	6	6	6	10	10	10
8753	Each	28,60	28,60	28,60	28,60	40,10	40,10	40,10
Ø	mm	10	11	12	13	14	15	16
Overall length	mm	95	102	110	110	110	110	123
Cutting edge length	mm	45	45	53	53	53	53	63
Drive Ø	mm	10	12	12	12	12	16	16
8753	Each	40,10	56,20	56,20	64,20	64,20	74,20	78,50
Ø	mm	17	18	19	20	22		
Overall length	mm	123	123	123	141	151		
Cutting edge length	mm	63	63	63	75	75		
Drive Ø	mm	16	16	20	20	20		
8753	Each	96,90	96,90	116,00	116,00	129,00		



HSS-E-8%

Spiral flute end mills. Short series. DIN 845 B - UNI 8250 - ISO 1641/2.

Morse taper shank and threaded hole. Cutting tolerance J14.

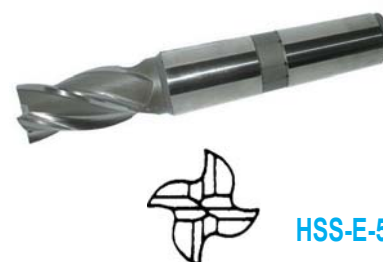
Ø 12 to 22mm = 4 flute/Ø 24 and 25mm = 5 flute/Ø 30 and 32mm = 6 flute

HSS-E COBALT 5%

SCU

8755

Ø	mm	14	15	16	18	20	22	24
Overall length	mm	117	117	117	117	123	140	147
Cutting edge length	mm	32	32	32	32	38	38	45
Drive	C.M.	2	2	2	2	2	3	3
8755	Each	83,20	83,20	83,20	89,10	94,80	122,00	132,00
Ø	mm	25	30	32				
Overall length	mm	147	147	178				
Cutting edge length	mm	45	45	53				
Drive	C.M.	3	3	4				
8755	Each	136,00	188,00	225,00				



HSS-E-5%

Size Ø 32mm has no cutting edge in the middle.



8756

SCU



HSS-E-8%

Spiral flute end mills. Short series. DIN 845 B - UNI 8250 - ISO 1641/2.
Morse taper shank and threaded hole. Cutting tolerance J14.
Ø 12 to 22mm = 4 flute/Ø 24 and 25mm = 5 flute/Ø 30 and 32mm = 6 flute
HSS-E COBALT 8%

Ø	mm	14	15	16	18	20	22	24
Overall length	mm	117	117	117	117	123	140	147
Cutting edge length	mm	32	32	32	32	38	38	45
Drive	C.M.	2	2	2	2	2	3	3
8756	Each	94,80	94,80	94,80	98,70	120,00	153,00	169,00
Ø	mm	25	30	32				
Overall length	mm	147	147	178				
Cutting edge length	mm	45	45	53				
Drive	C.M.	3	3	4				
8756	Each	171,00	229,00	281,00				

Size Ø 32mm has no cutting edge in the middle.

8757

SCU



HSS-E-5%

Spiral flute end mills. Long series. DIN 845 B - UNI 8250 - ISO 1641/2.
Morse taper shank and threaded hole. Cutting tolerance J14.
Ø 12 to 22mm = 4 flute/Ø 24 and 25mm = 5 flute/Ø 30 and 32mm = 6 flute
HSS-E COBALT 5%

Ø	mm	15	16	18	20	22	24	25
Overall length	mm	138	148	148	177	177	192	192
Cutting edge length	mm	53	63	63	75	75	90	90
Drive	C.M.	2	2	2	3	3	3	3
8757	Each	118,00	120,00	124,00	165,00	178,00	188,00	188,00
Ø	mm	30	32					
Overall length	mm	192	231					
Cutting edge length	mm	90	106					
Drive	C.M.	3	4					
8757	Each	246,00	325,00					

Size Ø 32mm has no cutting edge in the middle.

SINUSOIDAL END MILLS

8758A

SCU



HSS-E-8%

Prod. SCU
Sinusoidal flute end mills. Very high performance, vibration reduction, better chip ejection, less absorbed power, lower sound level, excellent finishing of the processed surface, longer life, higher speed and feed rates. Short series. Weldon shank.
Cutting tolerance J14.
Ø 12mm=3 flute/Ø 16 and 20mm=4 flute/Ø 25mm= 5 flute/Ø 30mm=6 flute
HSS-E COBALT 8%

Ø	mm	12	16	20	30
Overall length	mm	83	92	104	121
Cutting edge length	mm	26	32	38	45
Drive Ø	mm	12	16	20	25
8758A	Each	50,10	74,40	104,00	213,00

Product running out of stock.

8758E

SCU



TiAIN

HSS-E-8%

Product description as Art. 8758A
HSS-E COBALT 8%, TiAIN coating.

Ø	mm	12	16	25	30
Overall length	mm	83	92	121	121
Cutting edge length	mm	26	32	45	45
Drive Ø	mm	12	16	25	25
8758E	Each	74,40	108,00	224,00	311,00

Product running out of stock.

8758F

SCU



HSS-E-8%

Sinusoidal flute end mills. Very high performance, vibration reduction, better chip ejection, less absorbed power, lower sound level, excellent finishing of the processed surface, longer life, higher speed and feed rates. Long series. Weldon shank.
Cutting tolerance J14.
Ø 12mm=3 flute/Ø 16 and 20mm=4 flute/Ø 25mm= 5 flute/Ø 30mm=6 flute
HSS-E COBALT 8%

Ø	mm	12	16	20	25	30
Overall length	mm	110	123	141	166	166
Cutting edge length	mm	53	63	75	90	90
Drive Ø	mm	12	16	20	25	25
8758F	Each	70,70	103,00	144,00	213,00	295,00

Product running out of stock.



Product description as Art. 8758F
HSS-E COBALT 8%, TiAlN coating.

Ø	mm	12	16	20	25	30
Overall length	mm	110	123	141	166	166
Cutting edge length	mm	53	63	75	90	90
Drive Ø	mm	12	16	20	25	25
8758L	Each	104,00	152,00	214,00	313,00	433,00

Product running out of stock.



Sinusoidal flute end mills. Very high performance, vibration reduction, better chip ejection, less absorbed power, lower sound level, excellent finishing of the processed surface, longer life, higher speed and feed rates. Long series. Morse taper shank and threaded hole.

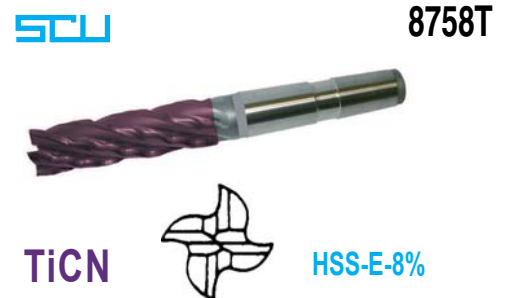
Cutting tolerance J14.

Ø 16 and 20mm=4 flute/Ø 25mm=5 flute/Ø 30 and 40mm= 6 flute

HSS-E COBALT 8%, TiCN coating.

Ø	mm	16
Overall length	mm	148
Cutting edge length	mm	63
Drive	C.M.	2
8758T	Each	69,10

Product running out of stock.



ONE FLUTE MILLS

Prod. SCU

Single fluted mills. HSS-E COBALT 5%.

Cylindrical shank. For milling aluminium and synthetic materials.

To be used on pantographs and copying mills.

Ø	mm	3	4	5	6	8	10
Overall length	mm	60	60	60	60	80	100
Cutting edge length	mm	12	12	14	14	14	14
Drive Ø	mm	8	8	8	8	8	8
8759	Each	9,40	9,40	9,40	9,96	10,40	17,10



SHELL-END MILLS

Prod. SCU

Spiral flute end mills for SEMI-FINISHING. Short series.

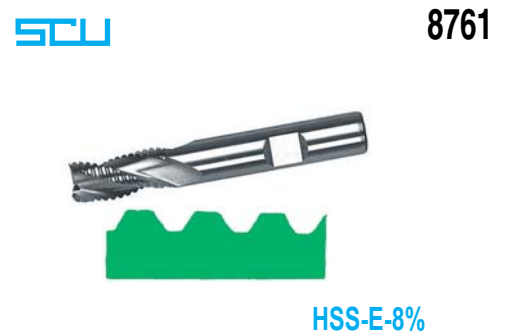
DIN 844 A - UNI 8244 A - ISO 1641/1. Weldon shank. Cutting tolerance J14.

Ø 8 to 22mm=4 flute/Ø 25-30mm=5 flute

HSS-E COBALT 8%

Ø	mm	8	10	12	14	15	16	18
Overall length	mm	69	72	83	83	83	92	92
Cutting edge length	mm	19	22	26	26	26	32	32
Drive Ø	mm	10	10	12	12	16	16	16
8761	Each	60,30	60,30	67,10	85,20	95,90	95,90	101,00

Ø	mm	20	22	25	30
Overall length	mm	104	104	121	121
Cutting edge length	mm	38	38	45	45
Drive Ø	mm	20	20	25	25
8761	Each	116,00	171,00	194,00	252,00



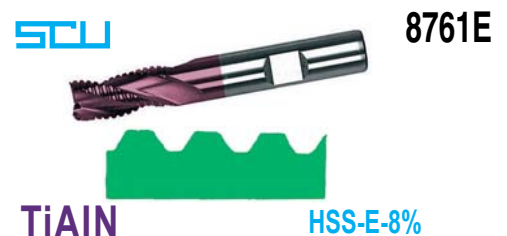
Spiral flute end mills for SEMI-FINISHING. Short series.

DIN 844 A - UNI 8244 A - ISO 1641/1. Weldon shank. Cutting tolerance J14.

Ø 6 to 22mm=4 flute/Ø 25-30mm=5 flute

HSS-E COBALT 8%, TiAlN coating.

Ø	mm	10	12	14	16	18	20
Overall length	mm	72	83	83	92	92	104
Cutting edge length	mm	22	26	26	32	32	38
Drive Ø	mm	10	12	12	16	16	20
8761E	Each	65,50	73,10	109,00	121,00	130,00	157,00



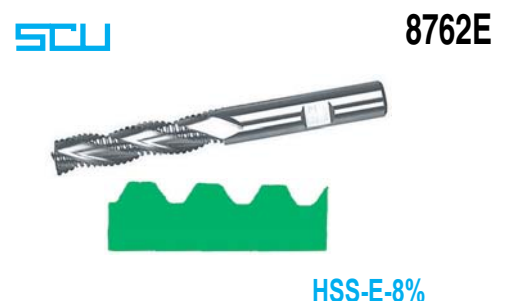
Four-flute end mills for SEMI-FINISHING. Long series.

Weldon shank. Cutting tolerance J14.

HSS-E COBALT 8%

Ø	mm	8	10	12	14	15	16	18
Overall length	mm	88	95	110	110	110	123	123
Cutting edge length	mm	38	45	53	53	53	63	63
Drive Ø	mm	10	10	12	12	16	16	16
8762E	Each	79,10	79,10	91,40	128,00	142,00	134,00	153,00

Ø	mm	20	22
Overall length	mm	141	151
Cutting edge length	mm	75	75
Drive Ø	mm	20	20
8762E	Each	168,00	231,00





8763

SCU



HSS-E-5%

Spiral flute end mills for SEMI-FINISHING. Short series.
DIN 845 B - UNI 8250 - ISO 1641/2. Morse taper shank and threaded hole.
Cutting tolerance J14.
Ø 16 to 22mm=4 flute/Ø 24 to 32mm=5 flute

HSS-E COBALT 5%		16	18	20	22	24	26	28	
Ø	mm	16	18	20	22	24	26	28	
Overall length	mm	117	117	123	140	147	147	147	
Cutting edge length	mm	32	32	38	38	45	45	45	
Drive	C.M.	2	2	2	3	3	3	3	
8763	Each	113,00	124,00	136,00	161,00	178,00	200,00	221,00	
HSS-E COBALT 5%		30	32						
Ø	mm	30	32						
Overall length	mm	147	178						
Cutting edge length	mm	45	53						
Drive	C.M.	3	4						
8763	Each	252,00	310,00						

8764

SCU



HSS-E-8%

Product description as Art. 8763
HSS-E COBALT 8%

HSS-E COBALT 8%		16	18	20	22	24	26	28	
Ø	mm	16	18	20	22	24	26	28	
Overall length	mm	117	117	123	140	147	147	147	
Cutting edge length	mm	32	32	38	38	45	45	45	
Drive	C.M.	2	2	2	3	3	3	3	
8764	Each	132,00	146,00	161,00	184,00	206,00	223,00	246,00	
HSS-E COBALT 8%		30	32						
Ø	mm	30	32						
Overall length	mm	147	178						
Cutting edge length	mm	45	53						
Drive	C.M.	3	4						
8764	Each	271,00	356,00						

8766

SCU



HSS-E-8%

Spiral flute end mills for ROUGHING. Short series.
DIN 844 A - UNI 8244 A - ISO 1641/1. Weldon shank. Cutting tolerance J14.
Ø mm 6 = 3 flute / Ø mm 8 a 22 = 4 flute / Ø mm 25-30 = 5 flute.

HSS-E COBALT 8%		6	8	10	12	14	15	16
Ø	mm	6	8	10	12	14	15	16
Overall length	mm	57	69	72	83	83	83	92
Cutting edge length	mm	13	19	22	26	26	26	32
Drive Ø	mm	6	10	10	12	12	12	16
8766	Each	47,30	50,30	50,30	56,10	71,20	76,10	79,50
HSS-E COBALT 8%		18	20	22	25	30		
Ø	mm	18	20	22	25	30		
Overall length	mm	92	104	104	121	121		
Cutting edge length	mm	32	38	38	45	45		
Drive Ø	mm	16	20	20	25	25		
8766	Each	83,70	96,40	122,00	147,00	218,00		

When the stocks will be run out, Ø 15 mm will have the connection Ø 16 mm.

8766E

SCU



TiAIN

HSS-E-8%

Spiral flute end mills for ROUGHING. Short series.
DIN 844 A - UNI 8244 A - ISO 1641/1. Weldon shank. Cutting tolerance J14.
Ø 6 to 22mm=4 flute/Ø 25-30mm=5 flute

HSS-E COBALT 8%, TiAIN coating.		10	12	14	16	18	20
Ø	mm	10	12	14	16	18	20
Overall length	mm	72	83	83	92	92	104
Cutting edge length	mm	22	26	26	32	32	38
Drive Ø	mm	10	12	12	16	16	20
8766E	Each	57,50	64,10	94,90	106,00	114,00	138,00

8768

SCU



HSS-E-8%

Spiral flute end mills for ROUGHING. Long series.
Weldon shank. Cutting tolerance J14.
Ø 8 to 22mm=4 flute/Ø 25mm=5 flute

HSS-E COBALT 8%		8	10	12	14	15	16	18
Ø	mm	8	10	12	14	15	16	18
Overall length	mm	88	95	110	110	110	123	123
Cutting edge length	mm	38	45	53	53	53	63	63
Drive Ø	mm	10	10	12	12	12	16	16
8768	Each	65,90	66,10	76,10	107,00	112,00	112,00	127,00
HSS-E COBALT 8%		20	22	25				
Ø	mm	20	22	25				
Overall length	mm	141	151	166				
Cutting edge length	mm	75	75	90				
Drive Ø	mm	20	20	25				
8768	Each	140,00	193,00	213,00				

When the stocks will be run out, Ø 15 mm will have the connection Ø 16 mm.



Spiral flute end mills for ROUGHING. Short series. DIN 845 B - UNI 8250- ISO 1641/2. Morse taper shank and threaded hole. Cutting tolerance J14.

Ø 16 to 22mm=4 flute/Ø 24 to 32mm=5 flute

HSS-E COBALT 5%

Ø	mm	16	18	20	22	24	26	28
Overall length	mm	117	117	123	140	147	147	147
Cutting edge length	mm	32	32	38	38	45	45	45
Drive	C.M.	2	2	2	3	3	3	3
8770	Each	113,00	124,00	136,00	161,00	178,00	200,00	221,00

Ø	mm	30	32
Overall length	mm	147	178
Cutting edge length	mm	45	53
Drive	C.M.	3	4
8770	Each	252,00	310,00

SCU

8770



HSS-E-5%

Product description as Art. 8770

HSS-E COBALT 8%

Ø	mm	16	18	20	22	24	26	28
Overall length	mm	117	117	123	140	147	147	147
Cutting edge length	mm	32	32	38	38	45	45	45
Drive	C.M.	2	2	2	3	3	3	3
8771	Each	132,00	146,00	161,00	184,00	206,00	223,00	246,00

Ø	mm	30	32
Overall length	mm	147	178
Cutting edge length	mm	45	53
Drive	C.M.	3	4
8771	Each	271,00	356,00

SCU

8771



HSS-E-8%

Four-flute end mills for ROUGHING, fine pitch. Short series.

DIN 844 A - UNI 8244A - ISO 1641/1. HSS-E COBALT 8%. Weldon shank.

Cutting tolerance J14. For finer surface finish.

Ø	mm	10	12	14	15	16	18	20	22
Overall length	mm	72	83	83	83	92	92	104	104
Cutting edge length	mm	22	26	26	26	32	32	38	38
Drive Ø	mm	10	12	12	12	16	16	20	20
8775	Each	55,30	61,50	78,20	84,10	87,70	92,10	106,00	134,00

When the stocks will be run out, Ø 15 mm will have the connection Ø 16 mm.

SCU

8775



HSS-E-8%

Reinforced helical teeth. N type. DIN 1880 - UNI 3903 - ISO 2586.

HSS-E COBALT 5%.

Longitudinal and transversal driving slot. Cutting tolerance J16.

Ø	mm	40	50	63	80
Thickness	mm	32	36	40	45
Bore Ø	mm	16	22	27	27
Teeth	No.	8	8	8	10
8779	Each	141,00	181,00	249,00	428,00

SCU

8779



HSS-E-5%

Shell mills, reinforced helical teeth. N type. DIN 841.

HSS-E COBALT 5%.

Longitudinal driving slot. Cutting tolerance J16.

Ø	mm	30	35	40	50	60	75
Thickness	mm	30	35	40	50	60	75
Bore Ø	mm	13	16	16	22	27	27
Teeth	No.	6	6	8	8	8	10
8781	Each	171,00	184,00	223,00	335,00	451,00	819,00

SCU

8781



HSS-E-5%

**8782F SCU**

HSS-E-5%



Shell-mills, helical teeth, for SEMI-FINISHING. DIN 1880 - UNI 3903 - ISO 2586.

HSS-E COBALT 5%.

Longitudinal and transversal driving slot. Cutting tolerance J16.

Ø	mm	40	50	63	80
Thickness	mm	32	36	40	45
Bore Ø	mm	16	22	27	27
Teeth	No.	6	8	8	8
8782F	Each	184,00	220,00	292,00	466,00

8782S SCU

HSS-E-5%



Shell-mills, helical teeth, for SEMI-FINISHING. DIN 841.

In HSS-E COBALT 5%.

Longitudinal driving slot. Cutting tolerance J16.

Ø	mm	30	35	40	50	60	75
Thickness	mm	30	35	40	50	60	75
Bore Ø	mm	13	16	16	22	27	27
Teeth	No.	6	6	6	6	8	8
8782S	Each	204,00	246,00	306,00	463,00	621,00	1.050,00

8783 SCU

HSS-E-5%



Shell-mills, helical teeth, for ROUGHING. DIN 1880 - UNI 3903 - ISO 2586.

HSS-E COBALT 5%.

Longitudinal and transversal driving slot. Cutting tolerance J16.

Ø	mm	40	50	63	80
Thickness	mm	32	36	40	45
Bore Ø	mm	16	22	27	27
Teeth	No.	6	8	8	8
8783	Each	221,00	264,00	351,00	559,00

8785 SCU

HSS-E-5%



Shell-mills, helical teeth, for ROUGHING. DIN 841.

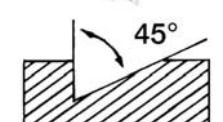
HSS-E COBALT 5%.

Longitudinal driving slot. Cutting tolerance J16.

Ø	mm	30	35	40	50	60	75
Thickness	mm	30	35	40	50	60	75
Bore Ø	mm	13	16	16	22	27	27
Teeth	No.	6	6	6	6	8	8
8785	Each	204,00	246,00	306,00	463,00	621,00	1.050,00

SINGLE ANGLE MILLING CUTTERS**8788A SCU**

HSS-E-5%



Prod. SCU

Normal teeth. Type D. DIN 842 A - UNI 3908.

HSS-E COBALT 5%

Driving slot.

Cutting tolerance J16.

45° angle.

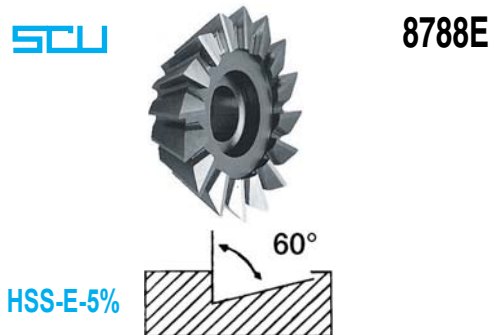
Ø	mm	40	50	63	80
Thickness	mm	12	15	18	23
Bore Ø	mm	10	13	16	22
Teeth	No.	14	16	16	18
8788A	Each	211,00	242,00	306,00	451,00



Product description as Art. 8788A

60° angle.

Ø	mm	40	50	63	80
Thickness	mm	13	16	20	25
Bore Ø	mm	10	13	16	22
Teeth	No.	14	16	16	18
8788E	Each	211,00	242,00	306,00	451,00



DOUBLE ANGLE MILLING CUTTERS

Prod. SCU

Normal teeth. Type D. DIN 847 - UNI 3907 - ISO 6108.

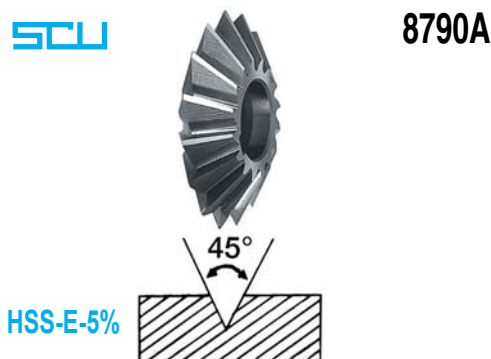
HSS-E COBALT 5%

Driving slot.

Cutting tolerance J16.

45° angle.

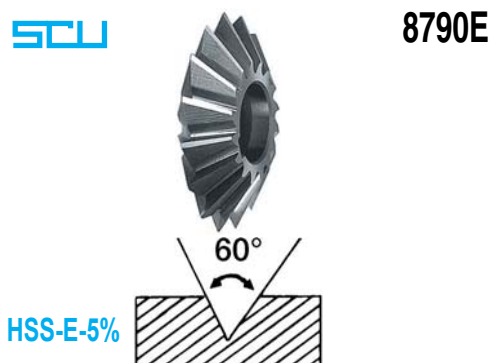
Ø	mm	50	63	80	100
Thickness	mm	8	10	12	18
Bore Ø	mm	16	22	27	32
Teeth	No.	16	16	20	20
8790A	Each	207,00	258,00	370,00	534,00



Product description as Art. 8790A

60° angle.

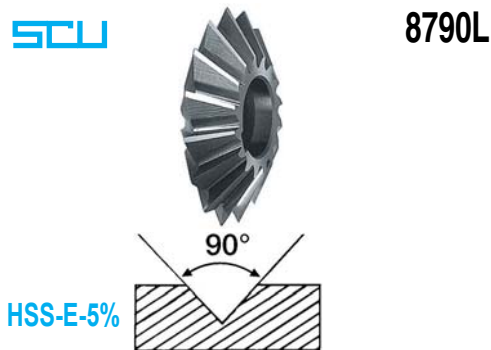
Ø	mm	50	63	80	100
Thickness	mm	10	14	18	25
Bore Ø	mm	16	22	27	32
Teeth	No.	16	16	18	20
8790E	Each	207,00	258,00	370,00	534,00



Product description as Art. 8790A

90° angle.

Ø	mm	50	63	80	100
Thickness	mm	14	20	22	32
Bore Ø	mm	16	22	27	32
Teeth	No.	16	16	18	20
8790L	Each	207,00	258,00	370,00	534,00



CONCAVE RADIUS CUTTERS

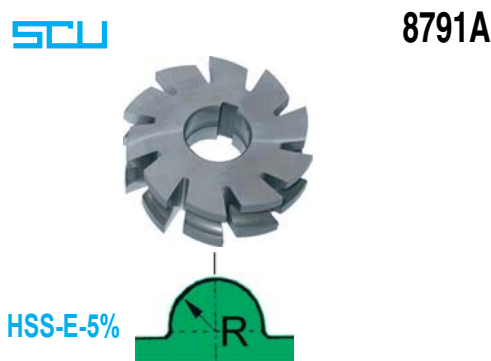
Prod. SCU

DIN 855 A - UNI 4499 -ISO 3860.

HSS-E COBALT 5%. Cutting tolerance J16.

Radius R	mm	1	1,5	2	2,5	3	4	5
Ø	mm	50	50	50	63	63	63	63
Thickness	mm	8	8	9	10	12	16	20
Bore Ø	mm	16	16	16	22	22	22	22
Teeth	No.	14	14	14	14	12	12	10
8791A	Each	174,00	176,00	176,00	189,00	213,00	257,00	292,00

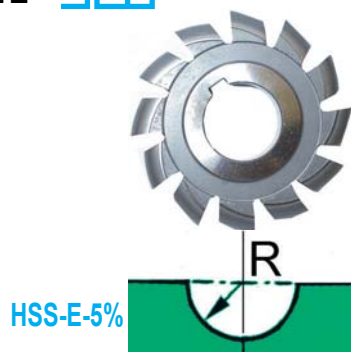
Radius R	mm	6	8	10	12	14	16	20
Ø	mm	80	80	100	100	100	110	125
Thickness	mm	24	32	40	44	50	56	70
Bore Ø	mm	27	27	32	32	32	32	32
Teeth	No.	10	10	10	10	10	10	10
8791A	Each	361,00	533,00	700,00	976,00	1.180,00	1.620,00	2.110,00





CONVEX RADIUS CUTTERS

8791E SCU



Prod. SCU

DIN 856 A - UNI 4498 - ISO 3860.

HSS-E COBALT 5%. Cutting tolerance J16.

Radius R	mm	1	1,5	2	2,5	3	4	5
Ø	mm	50	50	50	63	63	63	63
Thickness	mm	2	3	4	5	6	8	10
Bore Ø	mm	16	16	16	22	22	22	22
Teeth	No.	16	16	16	12	12	12	12
8791E	Each	137,00	143,00	151,00	155,00	164,00	196,00	214,00
Radius R	mm	6	8	10	12	14	16	20
Ø	mm	80	80	100	100	100	110	125
Thickness	mm	12	16	20	24	28	32	40
Bore Ø	mm	27	27	32	32	32	32	32
Teeth	No.	12	12	12	12	12	12	12
8791E	Each	255,00	311,00	455,00	653,00	906,00	1.140,00	1.450,00

SIDE AND FACE MILLING CUTTERS

8792 SCU



Prod. SCU

Helical alternate teeth. N type. DIN 885 A - UNI 3905 - ISO 2587.

HSS-E 5% CO. Driving slot.

Cutting tolerance J16.

Ø and thickness	mm	50x3	50x4	50x5	50x6	63x3	63x4	63x5
Bore Ø	mm	16	16	16	16	22	22	22
Teeth	No.	14	14	14	14	16	16	16
8792	Each	129,00	112,00	112,00	112,00	160,00	128,00	128,00
Ø and thickness	mm	63x6	63x8	63x10	80x3	80x4	80x5	80x6
Bore Ø	mm	22	22	22	22	22	22	22
Teeth	No.	16	16	16	18	18	18	18
8792	Each	128,00	133,00	147,00	189,00	157,00	149,00	149,00
Ø and thickness	mm	80x8	80x10	100x3	100x4	100x5	100x6	100x8
Bore Ø	mm	22	22	27	27	27	27	27
Teeth	No.	18	18	20	20	20	20	20
8792	Each	165,00	183,00	262,00	215,00	205,00	205,00	229,00
Ø and thickness	mm	100x10	100x12	125x4	125x5	125x6	125x8	125x10
Bore Ø	mm	27	27	32	32	32	32	32
Teeth	No.	20	20	26	22	22	22	22
8792	Each	239,00	268,00	385,00	307,00	294,00	299,00	337,00
Ø and thickness	mm	125x12	160x6	160x8	160x10	160x12		
Bore Ø	mm	32	32	32	32	32		
Teeth	No.	22	26	26	26	26		
8792	Each	352,00	423,00	452,00	486,00	523,00		

T-SLOT CUTTERS, STRAIGHT SHANK

8793 SCU



Prod. SCU

Helical alternate teeth. N type. DIN 851 A - UNI 7339 A - ISO 3337. HSS-E 5% CO.

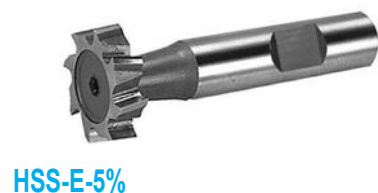
Weldon shank.

Cutting tolerance h12.

Ø	mm	12,5	16	19	22	25	28	32
Thickness	mm	6	8	9	10	11	12	14
Overall length	mm	57	62	71	75	82	83	90
Drive Ø	mm	10	10	12	12	16	16	16
Teeth	No.	6	6	6	6	6	6	8
8793	Each	79,10	98,40	104,00	117,00	137,00	160,00	175,00

WOODRUFF KEYSSET MILLING CUTTERS STRAIGHT SHANK

8794 SCU



Prod. SCU

helical alternate teeth. D type. DIN 850 B - UNI 8263.

HSS-E 5% CO. Weldon shank.

Cutting tolerance h11.

Ø and thickness	mm	10,5x2	10,5x2,5	10,5x3	13,5x2	13,5x3	13,5x4	16,5x4
Overall length	mm	50	50	50	56	56	56	56
Drive Ø	mm	6	6	6	10	10	10	10
Teeth	No.	8	8	8	8	8	8	8
8794	Each	53,20	53,20	53,20	58,10	58,10	58,10	69,30
Ø and thickness	mm	16,5x5	16,5x6	19,5x4	19,5x5	19,5x6	22,5x5	22,5x6
Overall length	mm	56	56	63	63	63	63	63
Drive Ø	mm	10	10	10	10	10	10	10
Teeth	No.	8	8	8	8	8	10	10
8794	Each	69,30	69,30	80,60	80,60	80,60	88,70	88,70
Ø and thickness	mm	22,5x8	25,5x6	25,5x7	25,5x8			
Overall length	mm	63	63	63	63			
Drive Ø	mm	10	10	10	10			
Teeth	No.	10	10	10	10			
8794	Each	88,70	104,00	104,00	104,00			



DIVERGENT ANGLE CUTTERS

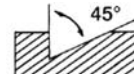
Prod. SCU

Divergent taper. DIN 1833 A - UNI 3911 A. HSS-E 5% CO.
Weldon shank.
Cutting tolerance J16.
45° angle.

SCU

8794D

Ø	mm	16	20	25	32
Thickness 45°	mm	4	5	6,3	8
Overall length	mm	60	63	67	71
Drive Ø	mm	12	12	16	16
Teeth	No.	6	6	8	10
8794D	Each	66,10	91,90	104,00	125,00



HSS-E-5%

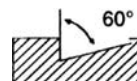
Product description as Art. 8794D

60° angle.

Ø	mm	16	20	25	32
Thickness 60°	mm	6,3	8	10	12,5
Overall length	mm	60	63	67	71
Drive Ø	mm	12	12	16	16
Teeth	No.	6	6	8	10
8794E	Each	66,10	91,90	104,00	125,00

SCU

8794E



HSS-E-5%

CONVERGENT ANGLE CUTTERS

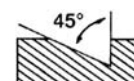
Prod. SCU

Convergent taper. DIN 1833 B - UNI 3911 B. HSS-E 5% CO.
Weldon shank.
Cutting tolerance J16.
45° angle.

SCU

8794L

Ø	mm	16	20	25	32
Thickness 45°	mm	4	5	6,3	8
Overall length	mm	60	63	67	71
Drive Ø	mm	12	12	16	16
Teeth	No.	6	6	8	10
8794L	Each	66,10	91,90	104,00	125,00



HSS-E-5%

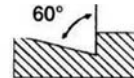
Product description as Art. 8794L

60° angle.

Ø	mm	16	20	25	32
Thickness 60°	mm	6,3	8	10	12,5
Overall length	mm	60	63	67	71
Drive Ø	mm	12	12	16	16
Teeth	No.	6	6	8	10
8794M	Each	66,10	91,90	104,00	125,00

SCU

8794M



HSS-E-5%

RADIUS MILLING CUTTERS

Prod. SCU

Concave radius. HSS-E 5% CO.
Weldon shank. Cutting tolerance h11.

SCU

8794R

Radius R	mm	1	1,5	2	2,5	3	4	5
Head max Ø	mm	7	8	12	13	16	18	20
Overall length	mm	60	60	60	60	60	65	65
Drive Ø	mm	10	10	10	10	12	12	16
Teeth	No.	4	4	4	4	4	4	4
8794R	Each	101,00	101,00	101,00	101,00	101,00	115,00	132,00
Radius R	mm	6	8	10	12	14	16	20
Head max Ø	mm	25	29	34	39	43	52	60
Overall length	mm	67	72	90	90	95	95	112
Drive Ø	mm	16	16	25	25	25	25	25
Teeth	No.	4	4	5	5	5	5	6
8794R	Each	146,00	171,00	213,00	269,00	393,00	573,00	956,00



HSS-E-5%



TUNGSTEN CARBIDE SOLID END MILLS WITH FIRE COATING

8794TA



TiAlN

HARTMETALL

Orig. Hartner - Art. 84921

In micro-grain carbide, with high performance.

With special TiAlN coating for maximum protection of the tool to cracking, maximum resistance to heat and humidity, which increase the life and performance.

Suitable for CHAMFERING, DEBURRING and PROFILING of any hardness steels, stainless steels, aluminum and its alloys, cast iron and non-ferrous metals. Ground cutting edges radially.

Type with 4 cutting edges 60°. Cutting right. Cylindrical shank DIN 6535HA.

Ø	mm	4	6	8	10	12
Overall length	mm	50	57	63	72	83
Cutting edge length	mm	3,50	5,20	7	8,70	10,40
Drive Ø	mm	4	6	8	10	12
8794TA	Each	33,20	38,40	48,50	57,10	86,30

8794TB



TiAlN

HARTMETALL

Orig. Hartner - Art. 84922

Product description as Art. 8794TA

Type with 4 cutting edges 60°. Cutting right. Cylindrical shank DIN 6535HB.

Ø	mm	6	8	10	12
Overall length	mm	57	63	72	83
Cutting edge length	mm	5,20	7	8,70	10,40
Drive Ø	mm	6	8	10	12
8794TB	Each	41,20	50,40	61,10	90,30

8794TE



TiAlN

HARTMETALL

Orig. Hartner - Art. 84923

Product description as Art. 8794TA

Type with 4 cutting edges 90°. Cutting right. Cylindrical shank DIN 6535HA.

Ø	mm	4	6	8	10	12
Overall length	mm	50	57	63	72	83
Cutting edge length	mm	2	3	4	5	6
Drive Ø	mm	4	6	8	10	12
8794TE	Each	31,90	37,10	46,50	55,10	82,20

8794TF



TiAlN

HARTMETALL

Orig. Hartner - Art. 84924

Product description as Art. 8794TA

Type with 4 cutting edges 90°. Cutting right. Cylindrical shank DIN 6535HB.

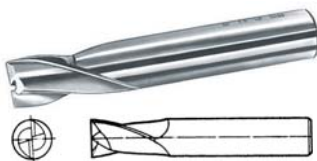
Ø	mm	6	8	10	12
Overall length	mm	57	63	72	83
Cutting edge length	mm	3	4	5	6
Drive Ø	mm	6	8	10	12
8794TF	Each	39,20	48,50	59,10	85,10

Available on request cutters for edges with sharp at 120°.

SOLID CARBIDE END MILLS

8795

SCU



HARTMETALL

Prod. SCU

Short series. Micrograin solid carbide.

30° two flutes. Right-hand cutting.

Central tang drive. Cylindrical shank. For slots, splines, etc.

Ø	mm	2	2,5	3	3,5	4	4,5	5
Overall length	mm	40	40	40	40	50	50	50
Cutting edge length	mm	6	6	8	10	10	10	12
Drive Ø	mm	3	3	3	3,5	4	4,5	5
8795	Each	17,40	17,30	13,60	15,50	18,10	19,40	19,40
Ø	mm	5,5	6	7	8	9	9,5	10
Overall length	mm	50	50	60	60	70	70	70
Cutting edge length	mm	12	12	16	20	20	22	22
Drive Ø	mm	5,5	6	7	8	9	9,5	10
8795	Each	23,10	24,10	32,90	36,70	51,10	51,10	56,30
Ø	mm	12	13	14	15	16	18	20
Overall length	mm	75	75	85	85	85	100	100
Cutting edge length	mm	25	25	30	30	30	38	40
Drive Ø	mm	12	13	14	15	16	18	20
8795	Each	81,50	89,60	110,00	145,00	157,00	212,00	265,00

Size mm 9,5 running out of stock.



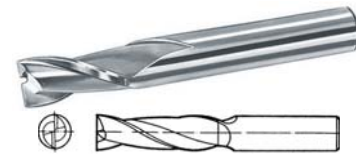
Short series. Micrograin solid carbide.
30° two flutes. Right-hand cutting.
Central tang drive. Cylindrical shank. For slots, splines, etc.

Ø	mm	3	4	5	6	8	10	12
Overall length	mm	60	60	70	100	100	100	100
Cutting edge length	mm	30	30	35	40	40	45	45
Drive Ø	mm	3	4	5	6	8	10	12
8795L	Each	18,80	22,70	30,90	43,60	63,20	89,60	119,00

Ø	mm	14	16	18	20
Overall length	mm	100	100	150	150
Cutting edge length	mm	45	45	50	55
Drive Ø	mm	14	16	18	20
8795L	Each	151,00	192,00	338,00	399,00

SCU

8795L



HARTMETALL

Short series. Micrograin solid carbide.
30° two flutes. Right-hand cutting. Round head.
Cylindrical shank. For slots, splines, etc.

Ø	mm	2	3	4	5	6	8	10
Overall length	mm	40	40	50	50	50	60	70
Cutting edge length	mm	6	8	10	12	12	20	22
Drive Ø	mm	3	3	4	5	6	8	10
8795R	Each	20,80	16,20	21,10	22,90	28,40	43,20	66,70

Ø	mm	12	14	16	18	20
Overall length	mm	75	85	85	100	100
Cutting edge length	mm	25	30	30	38	40
Drive Ø	mm	12	14	16	18	20
8795R	Each	98,90	130,00	188,00	255,00	322,00

SCU

8795R



HARTMETALL

Short series. Micrograin solid carbide.
30° three flutes. Right-hand cutting.
Central tang drive. Cylindrical shank. For slots, splines and for cutting out.

Ø	mm	2	2,5	3	3,5	4	4,5	5
Overall length	mm	40	40	40	40	50	50	50
Cutting edge length	mm	5	7	12	12	16	16	20
Drive Ø	mm	3	3	3	3,5	4	4,5	5
8796	Each	17,40	17,30	13,60	15,50	18,10	19,40	19,40

Ø	mm	5,5	6	7	8	9	10	12
Overall length	mm	50	50	60	60	70	70	75
Cutting edge length	mm	20	20	22	22	22	25	27
Drive Ø	mm	5,5	6	7	8	9	10	12
8796	Each	23,10	24,10	32,90	36,70	51,10	56,30	81,50

Ø	mm	13	14	15	16	18	20
Overall length	mm	75	85	85	85	100	100
Cutting edge length	mm	27	30	30	30	40	40
Drive Ø	mm	13	14	15	16	18	20
8796	Each	89,60	110,00	145,00	157,00	212,00	265,00

SCU

8796



HARTMETALL

Long series. Micrograin solid carbide.
30° three flutes. Right-hand cutting.
Central tang drive. Cylindrical shank. For slots, splines and for cutting out.

Ø	mm	3	4	5	6	8	10	12
Overall length	mm	60	60	70	100	100	100	100
Cutting edge length	mm	30	30	35	40	40	45	45
Drive Ø	mm	3	4	5	6	8	10	12
8796L	Each	18,80	22,70	30,90	43,60	63,20	89,60	119,00

Ø	mm	14	16	18	20
Overall length	mm	100	100	150	150
Cutting edge length	mm	45	45	50	55
Drive Ø	mm	14	16	18	20
8796L	Each	151,00	192,00	338,00	399,00

SCU

8796L



HARTMETALL

Short series. Micrograin solid carbide.
30° three flutes. Right-hand cutting. Round head.
Cylindrical shank. For slots, splines and for cutting out.

Ø	mm	2	3	4	5	6	8	10
Overall length	mm	40	40	50	50	50	60	70
Cutting edge length	mm	5	12	16	20	20	22	25
Drive Ø	mm	3	3	4	5	6	8	10
8796R	Each	20,80	16,20	21,10	22,90	28,40	43,20	66,70

Ø	mm	12	14	16	18	20
Overall length	mm	75	85	85	100	100
Cutting edge length	mm	27	30	30	40	40
Drive Ø	mm	12	14	16	18	20
8796R	Each	98,90	130,00	188,00	255,00	322,00

SCU

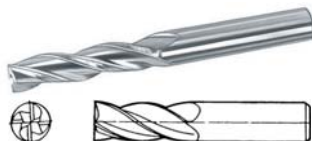
8796R



HARTMETALL



8797



HARTMETALL

Short series. Micrograin solid carbide.

30° four flutes. Right cutting.

Two central frontal teeth. Cylindrical shank. For cutting out and finishing.

Ø	mm	2	2,5	3	3,5	4	4,5	5
Overall length	mm	40	40	40	40	50	50	50
Cutting edge length	mm	5	7	12	12	16	16	20
Drive Ø	mm	3	3	3	3,5	4	4,5	5
8797	Each	17,40	17,30	13,60	15,50	18,10	19,40	19,40
Ø	mm	5,5	6	7	8	9	9,5	10
Overall length	mm	50	50	60	60	70	70	70
Cutting edge length	mm	20	20	22	22	22	22	25
Drive Ø	mm	5,5	6	7	8	9	9,5	10
8797	Each	23,10	24,10	32,90	36,70	51,10	51,10	56,30
Ø	mm	12	13	14	15	16	18	20
Overall length	mm	75	75	85	85	85	100	100
Cutting edge length	mm	27	27	30	30	30	40	40
Drive Ø	mm	12	13	14	15	16	18	20
8797	Each	81,50	89,60	110,00	145,00	157,00	212,00	265,00

Size mm 9,5 running out of stock.

8797L



HARTMETALL

Long series. Micrograin solid carbide.

30° four flutes. Right cutting.

Two central frontal teeth. Cylindrical shank. For cutting out and finishing.

Ø	mm	3	4	5	6	8	10	12
Overall length	mm	60	60	70	100	100	100	100
Cutting edge length	mm	30	30	35	40	40	45	45
Drive Ø	mm	3	4	5	6	8	10	12
8797L	Each	18,80	22,70	30,90	43,60	63,20	89,60	119,00
Ø	mm	14	16	18	20			
Overall length	mm	100	100	150	150			
Cutting edge length	mm	45	45	50	55			
Drive Ø	mm	14	16	18	20			
8797L	Each	151,00	192,00	338,00	399,00			

8797R



HARTMETALL

Short series. Micrograin solid carbide.

30° four flutes. Right-hand cutting. Round head.

Cylindrical shank. For slots, splines, etc. For cutting out and finishing.

Ø	mm	2	3	4	5	6	8	10
Overall length	mm	40	40	50	50	50	60	70
Cutting edge length	mm	5	12	16	20	20	22	25
Drive Ø	mm	3	3	4	5	6	8	10
8797R	Each	20,80	16,20	21,10	22,90	28,40	43,20	66,70
Ø	mm	12	14	16	18	20		
Overall length	mm	75	85	85	100	100		
Cutting edge length	mm	27	30	30	40	40		
Drive Ø	mm	12	14	16	18	20		
8797R	Each	98,90	130,00	188,00	255,00	322,00		

8797T



HARTMETALL

Micrograin solid carbide.

Three 60° flutes. Right-hand cutting. Central tang drive.

Cylindrical shank. For cutting out and finishing.

Ø	mm	6	8	10	12	14	16	18	20
Overall length	mm	50	60	70	75	85	85	100	100
Cutting edge length	mm	16	20	22	27	27	30	38	38
Drive Ø	mm	6	8	10	12	14	16	18	20
8797T	Each	24,40	35,40	54,70	78,70	107,00	152,00	209,00	264,00

8798



HARTMETALL

High-performance. Hard micrograin solid carbide.

For ROUGHING, 45° three flutes. Right-hand cutting. Central tang drive.

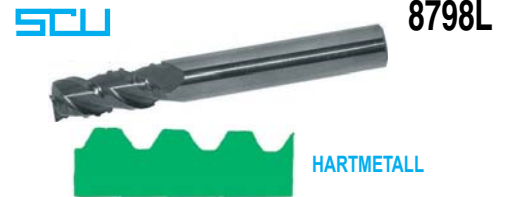
Cylindrical shank.

Ø	mm	6	8	10	12	16	20
Overall length	mm	50	60	70	75	85	100
Cutting edge length	mm	16	20	22	27	30	38
Drive Ø	mm	6	8	10	12	16	20
8798	Each	39,10	59,60	83,90	112,00	225,00	303,00



High-performance. Hard micrograin solid carbide.
For SEMI-FINISHING, 45° three flutes. Right-hand cutting. Central tang drive.
Cylindrical shank.

Ø	mm	6	8	10	12	16	20
Overall length	mm	50	60	70	75	85	100
Cutting edge length	mm	16	20	22	27	30	38
Drive Ø	mm	6	8	10	12	16	20
8798L	Each	39,10	59,60	83,90	112,00	225,00	303,00



High-performance. Hard micrograin solid carbide and HSC 883 surface coating for dry/high speed use.
With chip breaker, fine pitch, 30° flutes. Right-hand cutting. Two central tang drives.
Cylindrical shank.

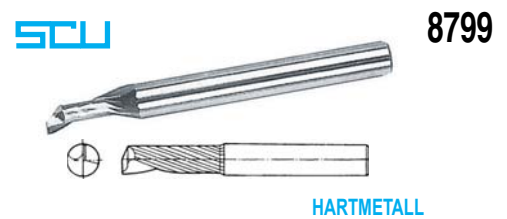
Ø	mm	6	8	10	12	14	16	18	20
Overall length	mm	50	60	70	75	85	85	100	100
Cutting edge length	mm	20	22	25	27	27	30	40	40
Drive Ø	mm	6	8	10	12	14	16	18	20
8798T	Each	47,10	67,20	93,70	127,00	180,00	204,00	306,00	371,00



TUNGSTEN CARBIDE SOLID END MILLS FOR ALLUMINIUM

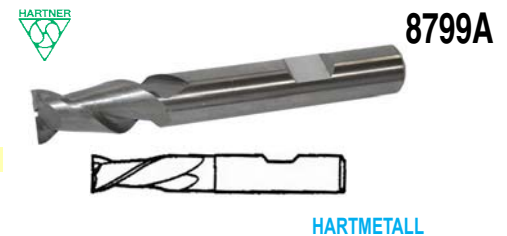
Prod. SCU
Micrograin solid carbide.
30° single flute. Right-hand cutting. For milling aluminium and aluminium alloys.
Cylindrical shank.

Ø	mm	3	4	5	6	8	10	12
Overall length	mm	40	50	50	50	60	70	75
Cutting edge length	mm	10	15	15	20	22	25	35
Drive Ø	mm	3	4	5	6	8	10	12
8799	Each	20,20	28,40	31,30	33,80	53,60	80,20	110,00



Orig. Hartner - Art. 84914
Micrograin solid carbide, high-yield.
Long series DIN 6527 L.
Type 2 45° helical cutting edges. Right cutting. front tooth in the middle.
Cylindrical shank DIN 6535 HB.

Ø	mm	3	4	5	6	8	10	12	16	20
Overall length	mm	57	57	57	57	63	72	83	92	104
Cutting edge length	mm	7	8	10	10	16	19	22	26	32
Drive Ø	mm	6	6	6	6	8	10	12	16	20
8799A	Each	28,10	28,10	28,10	28,10	31,80	54,10	79,00	131,00	202,00



TUNGSTEN CARBIDE SOLID END MILLS WITH FIRE COATING

Orig. Hartner - Art. 84901
Special type with differential helix, for maximum performance in roughing and finishing materials with hardness up to HRC 54.
It allows a significant reduction in vibration, better chip flow, less power consumption, reducing the noise level, high degree of finish of the machined surface, without a trace of self-generating chatter. Longer life, higher speeds and feeds.
With special FIRE coating for maximum protection of the tool to cracking, maximum resistance to heat and humidity, which increase the life and performance.
Micro-grain carbide type DK 460 UF high plasticity for a greater flexibility in processing and therefore less chance of breakage.
Very fine surface finish and dimensional precision.
Long series DIN 6527 L. Type N with 4 helical cutting edges to 35°/38°. Cutting right. Front tooth in the middle.
Cylindrical shank DIN 6535 HA.

Ø	mm	4	5	6	8	10	12	16	20	25
Overall length	mm	57	57	57	63	72	83	92	104	121
Cutting edge length	mm	11	13	13	19	22	26	32	38	45
Drive Ø	mm	6	6	6	8	10	12	16	20	25
8799C	Each	21,40	21,40	26,50	37,40	56,20	71,80	125,00	194,00	306,00



Orig. Hartner - Art. 84902
Product description as Art. 8799C
Long series DIN 6527 L. Type N with 4 helical cutting edges to 35°/38°. Cutting right. Front tooth in the middle.
Cylindrical shank DIN 6535 HB.

Ø	mm	4	5	6	8	10	12	16	20	25
Overall length	mm	57	57	57	63	72	83	92	104	121
Cutting edge length	mm	11	13	13	19	22	26	32	38	45
Drive Ø	mm	6	6	6	8	10	12	16	20	25
8799D	Each	23,40	23,40	28,60	39,50	58,30	73,80	130,00	198,00	314,00





8799EA



FIRE

HARTMETALL

Orig. Hartner - Art. 84911

New program of milling cutters with special FIRE coating for maximum protection of the tool to cracking, maximum resistance to heat and humidity, which increase the life and performance. Micro-grain carbide type DK 460 UF high plasticity for a greater flexibility in processing and therefore less chance of breakage.

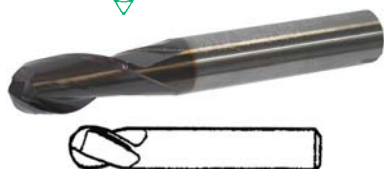
Very fine surface finish and dimensional precision.

Long series DIN 6527 L. Type N with 2 helical cutting edges to 30°. Cutting right. Front tooth in the middle.

Cylindrical shank DIN 6535 HA. Universal use for quarries, grooves, slots, etc. in materials with strength up to 1400 N/mm².

Ø	mm	2	3	4	5	6	8	10	12
Overall length	mm	57	57	57	57	57	63	72	83
Cutting edge length	mm	6	7	8	10	10	16	19	22
Drive Ø	mm	6	6	6	6	6	8	10	12
8799EA	Each	30,70	30,70	29,10	29,10	27,30	38,10	55,70	80,60

8799EF



FIRE

HARTMETALL

Orig. Hartner - Art. 84917

Product description as Art. 8799EA

Long series DIN 6527 L. Type N with 2 helical cutting edges to 30°. Cutting right.

Cylindrical shank DIN 6535 HA. Universal use for quarries, grooves, slots, etc. in materials with strength up to 1400 N/mm².

Ø	mm	2	3	4	5	6	8	10	12	20
Overall length	mm	57	57	57	57	57	63	72	83	104
Cutting edge length	mm	6	7	8	10	10	16	19	22	32
Drive Ø	mm	6	6	6	6	6	8	10	12	20
8799EF	Each	32,20	32,20	32,20	32,20	32,20	41,10	53,20	74,20	189,00

8799EH



FIRE

HARTMETALL

Orig. Hartner - Art. 84903

Product description as Art. 8799EA

Long series DIN 6527 L. Type NH with 3 helical cutting edges to 45°. Cutting right. Front tooth in the middle.

Cylindrical shank DIN 6535 HA. Universal use for quarries, grooves, slots, etc. in materials with strength up to 1400 N/mm².

Ø	mm	3	4	5	6	8	10	12
Overall length	mm	57	57	57	57	63	72	83
Cutting edge length	mm	7	8	10	10	16	19	22
Drive Ø	mm	6	6	6	6	8	10	12
8799EH	Each	29,90	29,90	29,90	29,90	38,80	57,30	88,70
Ø	mm	14	16	20				
Overall length	mm	83	92	104				
Cutting edge length	mm	22	26	32				
Drive Ø	mm	14	16	20				
8799EH	Each	110,00	149,00	242,00				

8799EL



FIRE

HARTMETALL

Orig. Hartner - Art. 84915

Product description as Art. 8799EA

Long series DIN 6527 L. Type NH with 4 helical cutting edges to 30°. Cutting right. Front tooth in the middle.

Cylindrical shank DIN 6535 HB. Universal use for quarries, grooves, slots, etc. in materials with strength up to 1400 N/mm².

Ø	mm	2	3	4	5	6	8	10
Overall length	mm	57	57	57	57	57	63	72
Cutting edge length	mm	7	8	11	13	13	19	22
Drive Ø	mm	6	6	6	6	6	8	10
8799EL	Each	37,20	37,20	36,30	36,30	40,30	47,60	75,10
Ø	mm	12	14	16	18	20		
Overall length	mm	83	83	92	92	104		
Cutting edge length	mm	26	26	32	32	38		
Drive Ø	mm	12	14	16	18	20		
8799EL	Each	102,00	131,00	173,00	220,00	273,00		

8799EM



FIRE

HARTMETALL

Orig. Hartner - Art. 84919

Product description as Art. 8799EA

Long series DIN 6527 L. Type N with 4 helical cutting edges to 30°. Radial head. Cutting right.

Cylindrical shank DIN 6535 HB. Universal use for quarries, grooves, slots, etc. in materials with strength up to 1400 N/mm².

Ø	mm	3	4	5	6	8	10	12	20
Overall length	mm	57	57	57	57	63	72	83	104
Cutting edge length	mm	8	11	13	13	19	22	26	38
Drive Ø	mm	6	6	6	6	8	10	12	20
8799EM	Each	38,80	38,80	39,50	38,80	48,40	62,90	87,10	218,00

Prices in EURO . VAT not included



Orig. Hartner - Art. 84908

Type for high performance of fine-material hardness up to 50 HRC. With special FIRE coating. For the accentuated spiral angle, for the special processing of the cutting edges and corners of the cutting edges allows a perfect stability of cut, a feed more fluid and fast, a machining precision and surface quality at the highest levels.

Long series with standard factory. Type NH with helical multi-cutting edges to 45°. Cutting right. Cylindrical shank DIN 6535 HA.

Ø	mm	3	4	5	6	8	10	12	16	20
Overall length	mm	57	57	57	57	63	72	83	92	104
Cutting edge length	mm	8	11	13	13	19	22	26	32	38
Drive Ø	mm	6	6	6	6	8	10	12	16	20
8799EP	Each	36,80	34,70	32,70	32,70	40,20	61,40	84,50	152,00	212,00



8799EP



FIRE

HARTMETALL

Orig. Hartner - Art. 84910

Product description as Art. 8799EP

Extra-long series with standard factory. Type NH with helical multi-cutting edges to 45°. Cutting right.

Ø	mm	6	8	10	12	16	20
Overall length	mm	75	100	100	150	150	150
Cutting edge length	mm	30	40	40	45	65	65
Drive Ø	mm	6	8	10	12	16	20
8799ER	Each	56,50	65,40	117,00	162,00	291,00	436,00



8799ER



FIRE

HARTMETALL

Orig. Hartner - Art. 84907

For high performance roughing with material with hardness up to 54 HRC. With special FIRE coating. With fine pitch chip breaker, with high surface hardness that allows use also with compressed air.

Long series DIN 6527 L. Type HR with 4 helical cutting edges to 20°.

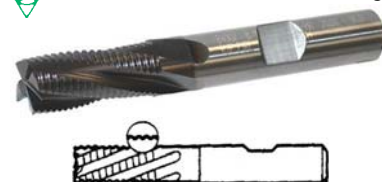
Cutting right. Front tooth in the middle.

Cylindrical shank DIN 6535 HB.

Ø	mm	6	8	10	12	16	20
Overall length	mm	57	63	72	83	92	104
Cutting edge length	mm	13	19	22	26	32	38
Drive Ø	mm	6	8	10	12	16	20
8799ES	Each	104,00	112,00	123,00	144,00	230,00	346,00



8799ES



FIRE

HARTMETALL

COUNTERSINKS

Orig. Dürr - Art. 216-31

Three flutes, HSS ground. For countersinking holes in iron and steel. Vibration-free. 30° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	6,3	12,4	16,5	20,5	25	31
Countersink min Ø	mm	2	3	4	5	6	9
Drive Ø	mm	5	8	10	10	10	12
Overall length	mm	50	65	76	83	90	98
8799G	Each	44,30	65,30	79,50	118,00	152,00	219,00



8799G



30°

HSS

Three flutes, HSS ground. For countersinking holes in iron and steel. Vibration-free. 45° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	12,4	16,5	20,5	25
Countersink min Ø	mm	3	4	5	6
Drive Ø	mm	8	10	10	10
Overall length	mm	64	68	74	78
8799GE	Each	92,70	114,00	162,00	209,00



8799GE



45°

HSS

Orig. Dürr - Art. 216 -31

Three flutes, ground. For countersinking holes in iron and steel. Vibration-free. 60° HEAD TAPER- DIN 334. Cylindrical shank.

HSS

Type		6,3	8	10	12,5	12,5L	16	16L
Countersink max Ø	mm	6,3	8	10	12,5	12,5	16	16
Countersink min Ø	mm	1,6	2	2,5	3,2	3,2	4	4
Drive Ø	mm	5	6	6	8	8	10	10
Overall length	mm	45	50	50	56	159	63	162
8800G	Each	14,50	14,80	18,60	19,80	148,00	24,10	186,00
Type		20	20L	25	25L	30	30L	31,5L
Countersink max Ø	mm	20	20	25	25	30	30	31,5
Countersink min Ø	mm	5	5	6,3	6,3	10	4	4
Drive Ø	mm	10	10	10	10	12	12	12
Overall length	mm	67	165	71	169	75	200	200
8800G	Each	34,10	258,00	46,40	303,00	92,70	445,00	420,00



8800G



60°

HSS

Art. 8800 G 12.5L - 16L - 20L - 25L - 30L - 31.5L are in HSS-E.



8802G



Orig. Dürr - Art. 216-31

Product description as Art. 8800G

HSS, TIN coated.

Countersink max Ø	mm	6,3	8	10	12,5	16	20	25
Countersink min Ø	mm	1,6	2	2,5	3,2	4	5	6,3
Drive Ø	mm	5	6	6	8	10	10	10
Overall length	mm	45	50	50	56	63	67	71
8802G	Each	26,10	28,10	34,10	38,80	43,70	61,60	82,60

On request also available with TiAlN coating.

8804G



Orig. Dürr - Art. 216-61

Three flutes, HSS ground.

For countersinking holes in iron and steel. Vibration-free.

60° HEAD TAPER - DIN 334. Morse taper shank.

Countersink max Ø	mm	16	25	31,5	40	50	63	80
Countersink min Ø	mm	4	6,3	10	12,5	16	20	25
Drive	C.M.	1	2	2	3	3	4	4
Overall length	mm	90	112	118	150	160	190	200
8804G	Each	42,50	69,60	85,10	134,00	171,00	347,00	603,00

Size mm 16 running out of stock.

8806G



Orig. Dürr - Art. 216-31

Three flutes, HSS ground.

For countersinking holes in iron and steel. Vibration-free.

75° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	8	10	12,5	15	20	25
Countersink min Ø	mm	2	2,5	2,8	3,2	3,5	3,8
Drive Ø	mm	6	6	8	8	10	10
Overall length	mm	50	54	54	56	63	71
8806G	Each	26,40	29,10	33,10	44,20	65,50	72,70

8808G



Orig. Dürr - Art. 216-61

Three flutes, HSS ground.

For countersinking holes in iron and steel. Vibration-free.

75° HEAD TAPER. Morse taper shank.

Countersink max Ø	mm	15	20
Countersink min Ø	mm	3,2	3,5
Drive	C.M.	1	1
Overall length	mm	87	90
8808G	Each	56,90	65,10

Product running out of stock.

60°/90° COUNTERSINKS

8809G



Orig. Dürr - Art. 217-31

Three flutes, HSS ground. For countersinking holes in iron and steel. Vibration-free.

60°/90° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	6	8	10	12
Countersink min Ø	mm	2	2	2	2
Drive Ø	mm	6	8	10	12
Overall length	mm	60	70	75	75
8809G	Each	21,90	23,10	28,60	30,50

Same mills in hardmetal available on request.

COUNTERSINKS

8810G



Orig. Dürr - Art. 217-31

Three flutes, HSS ground.

For countersinking holes in iron and steel. Vibration-free.

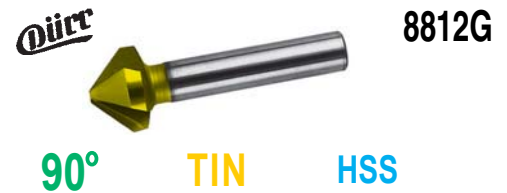
90° HEAD TAPER - DIN 335. Cylindrical shank.

HSS

Countersink max Ø	mm	4,3	5	5,3	5,8	6	6,3	7	7,3	8	8,3	9,4	10	10,4	11,5
Countersink min Ø	mm	1,3	1,5	1,5	1,5	1,5	1,5	1,8	1,8	2	2	2,2	2,5	2,5	2,8
Drive Ø	mm	4	4	4	5	5	5	6	6	6	6	6	6	6	8
Overall length	mm	40	40	40	45	45	45	50	50	50	50	50	50	50	56
8810G	Each	13,50	13,50	14,80	15,30	13,70	14,80	15,40	14,80	15,10	19,10	17,90	18,40	19,50	
Countersink max Ø	mm	12,4	13,4	14,4	15	16,5	19	20,5	23	25	26	28	30	31	40
Countersink min Ø	mm	2,8	2,9	2	3,2	3,2	3,5	3,5	3,8	3,8	3,8	4	4,2	4,2	10
Drive Ø	mm	8	8	8	10	10	10	10	10	10	10	12	12	12	12
Overall length	mm	56	56	60	60	60	63	63	67	67	67	71	71	71	75
8810G	Each	19,50	22,10	25,20	22,60	23,90	33,50	33,50	43,80	46,10	71,20	70,70	72,10	69,10	119,00



Product description as Art. 8810G
HSS, TIN coated.



Countersink max Ø	mm	4,3	5	5,3	5,8	6	6,3	7	7,3	8	8,3	9,4	10	10,4	11,5
Countersink min Ø	mm	1,3	1,5	1,5	1,5	1,5	1,5	1,8	1,8	2	2	2,2	2,5	2,5	2,8
Drive Ø	mm	4	4	4	5	5	5	6	6	6	6	6	6	6	8
Overall length	mm	40	40	40	45	45	45	50	50	50	50	50	50	50	56
8812G	Each	24,70	24,70	25,90	26,40	24,80	24,80	28,10	28,80	28,10	28,30	34,60	33,50	34,10	36,10
Countersink max Ø	mm	12,4	13,4	14,4	15	16,5	19	20,5	23	25	26	28	30	31	40
Countersink min Ø	mm	2,8	2,9	2	3,2	3,2	3,5	3,5	3,8	3,8	3,8	4	4,2	4,2	10
Drive Ø	mm	8	8	8	10	10	10	10	10	10	10	12	12	12	12
Overall length	mm	56	56	60	60	60	63	63	67	67	67	71	71	71	75
8812G	Each	36,10	41,10	44,60	42,30	43,50	60,90	60,90	78,70	82,10	108,00	114,00	116,00	113,00	222,00

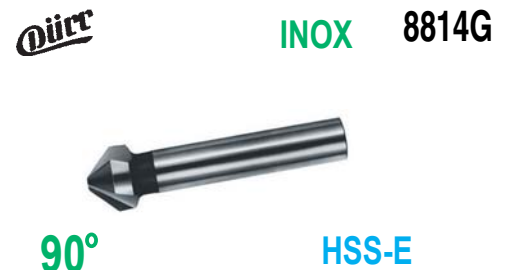
On request also available with TiAlN coating.

Product description as Art. 8810G
HSS, TiCN (Titanium carbo-nitride) coated.
For heat-treated steel, aluminium and aluminium alloys.



Countersink max Ø	mm	6,3	8,3	10,4	12,4	15	16,5	20,5	25	31
Countersink min Ø	mm	1,5	2	2,5	2,8	3,2	3,2	3,5	3,8	4,2
Drive Ø	mm	5	6	6	8	10	10	10	10	12
Overall length	mm	45	50	50	56	60	60	63	67	71
8813G	Each	26,70	31,10	37,10	39,30	45,90	47,10	66,10	88,70	120,00

Product description as Art. 8810G
COBALT HSS-E. For high-resistance steel and stainless steel.



Countersink max Ø	mm	5,3	6,3	8	8,3	9,4	10	10,4
Countersink min Ø	mm	1,5	1,5	2	2	2,2	2,5	2,5
Drive Ø	mm	4	5	6	6	6	6	6
Overall length	mm	40	45	50	50	50	50	50
8814G	Each	15,90	15,40	17,10	17,50	21,10	20,50	21,10
Countersink max Ø	mm	12,4	15	16,5	20,5	25	31	40
Countersink min Ø	mm	2,8	3,2	3,2	3,5	3,8	4,2	10
Drive Ø	mm	8	10	10	10	10	12	12
Overall length	mm	56	60	60	63	67	71	75
8814G	Each	22,40	25,70	27,60	38,10	52,50	78,70	144,00

Orig. Dürr - Art. 217-21

With ground flutes.
For countersinking holes. Vibration-free.
90° HEAD TAPER - DIN 335. Cylindrical shank.
COBALT HSS-E. For very high resistance steel, such as TITANIUM and its alloys, INCONEL and similar materials.



Countersink max Ø	mm	10,4	12,4	16,5	20,5	25	31
Countersink min Ø	mm	4	4	4,5	5	5,5	6
Drive Ø	mm	6	8	10	10	10	12
Overall length	mm	50	56	60	63	67	71
Cutting edges	No.	4	5	5	5	5	5
8815G	Each	71,50	77,90	94,90	133,00	187,00	243,00

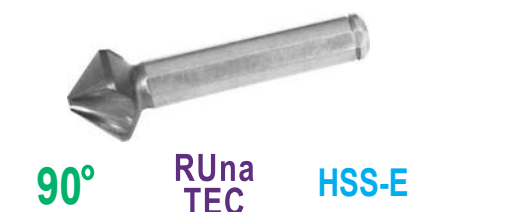
Prod. SCU

Rectified cutting edges with special parameters and cutting angles to make the drills more resistant to wear, to obtain advancement without vibrations and with less effort. Ideal for countersinking holes in all steels up to a resistance of 1300 N / mm², stainless steels, aluminum, brass, plastics, bronze, cast iron and titanium alloys. Thanks to the special patented "RUnATEC" coating, holes with a high finish are obtained at very high working parameters. 90° HEAD TAPER - DIN 335. Cylindrical connection with 3 crossarms



COBALT HSS-E, RUnATEC coated.

Countersink max Ø	mm	6,3	8,3	10,4	12,4	15	16,5	19
Countersink min Ø	mm	1,5	2	2,5	2,8	3,2	3,2	3,5
Drive Ø	mm	5	6	6	8	10	10	10
Overall length	mm	45	50	50	56	60	60	63
8815GE	Each	43,40	48,00	49,20	58,80	61,40	68,50	76,20
Countersink max Ø	mm	20,5	23	25	31			
Countersink min Ø	mm	3,5	3,8	3,8	4,2			
Drive Ø	mm	10	10	10	12			
Overall length	mm	63	67	67	71			
8815GE	Each	84,90	93,60	103,00	126,00			





8816G

Dürr

90°

HARTMETALL

Orig. Dürr - Art. 217-33

Three flutes, HSS ground.

For countersinking holes in iron and steel. Vibration-free.

90° HEAD TAPER - DIN 335. Cylindrical shank.

In SOLID CARBIDE. For steel and materials difficult to chip, cast iron, aluminium-silicium alloys and stainless steel.

Countersink max Ø	mm	6	6,3	8	8,3	10	10,4	11,5
Countersink min Ø	mm	2	2	2	2	2,5	2,5	2,8
Drive Ø	mm	5	5	6	6	8	8	8
Overall length	mm	40	40	45	45	46	46	56
8816G	Each	175,00	186,00	177,00	188,00	165,00	165,00	175,00
Countersink max Ø	mm	12,4	15	16,5	20,5	25	31	
Countersink min Ø	mm	2,8	3,2	3,2	3,5	3,8	4,2	
Drive Ø	mm	8	10	10	10	10	12	
Overall length	mm	56	60	60	63	67	71	
8816G	Each	167,00	212,00	212,00	254,00	293,00	441,00	

8816GE

Dürr

90°

HARTMETALL

Orig. Dürr - Art. 217-23

With ground and reinforced cutting edge.

For countersinking holes. Absence of vibrations.

90° HEAD TAPER - DIN 335. Cylindrical connection.

HARDMETAL. For very high resistance steel and materials, such as TITANIUM and its alloys, manganese, hardened steel up to 60 HRC, HARDOX 500, INCONEL and similar materials.

Countersink max Ø	mm	10,4	12,4	16,5	20,5	25	31
Countersink min Ø	mm	4	4	4,5	5	5,5	6
Drive Ø	mm	8	8	10	10	10	12
Overall length	mm	46	56	60	63	67	71
Cutting edges	No.	4	5	5	5	5	5
8816GE	Each	332,00	344,00	416,00	482,00	571,00	754,00

8816GP
*new***Dürr**

90°

HARTMETALL

Orig. Dürr - Art. 217-23 DIAlplus

With cutting edges, ground and reinforced.

For countersink holes. Absence of vibrations.

HEAD TAPER at 90°. Cylindrical drive.

Made of HARD METAL with new patented DIAMOND coating technology (CCDia@AeroSpeed®). For all FIBER-REINFORCED MATERIALS IN POLYMER MATRIX, CARBON, KEVLAR, GLASS FIBERS, FIBERGLASSES, etc.

Thanks to the special geometry of the cutting edges, the DELAMINATION of the aforementioned materials is avoided.

Countersink max Ø	mm	10,4	12,4	16,5	20,5	25
Countersink min Ø	mm	3	4	4,5	5	5,5
Drive Ø	mm	6	8	10	10	10
Overall length	mm	46	56	60	63	67
Cutting edges	No.	4	5	5	5	5
8816GP	Each	573,00	636,00	789,00	945,00	1.030,00

On request, the same countersinking cutters with 100° CONICITY HEADS are supplied.

8817G

Dürr

90°

HSS

Orig. Dürr - Art. 217-31

Three flutes, HSS ground.

For countersinking holes in iron and steel. Vibration-free.

90° HEAD TAPER. Long and very long cylindrical shank.

Type		5.8	6.3	6.3L	8.3	8.3L	9.4	10.4	10.4L
Countersink max Ø	mm	5,8	6,3	6,3	8,3	8,3	9,4	10,4	10,4
Countersink min Ø	mm	1,5	1,5	1,5	2	2	2,2	2,5	2,5
Drive Ø	mm	5	5	5	6	6	6	6	6
Overall length	mm	104	104	154	105	155	106	107	157
8817G	Each	48,70	43,50	53,30	45,40	55,30	57,20	49,50	61,10
Type		11.5	12.4	12.4L	12.4XL	15	15L	16.5	16.5L
Countersink max Ø	mm	11,5	12,4	12,4	12,4	15	15	16,5	16,5
Countersink min Ø	mm	2,8	2,8	2,8	2,8	3,2	3,2	3,2	3,2
Drive Ø	mm	6	8	8	8	10	10	10	10
Overall length	mm	108	108	158	258	109	159	111	161
8817G	Each	57,20	51,40	67,20	146,00	69,90	90,90	63,10	82,90
Type		16.5XL	20.5	20.5L	20.5XL	25	25L	31	31L
Countersink max Ø	mm	16,5	20,5	20,5	20,5	25	25	31	31
Countersink min Ø	mm	3,2	3,5	3,5	3,5	3,8	3,8	4,2	4,2
Drive Ø	mm	10	10	10	10	10	10	12	12
Overall length	mm	261	114	164	264	118	168	140	190
8817G	Each	186,00	88,90	115,00	256,00	123,00	158,00	210,00	273,00



Orig. Dürr - Art. 217-91

90° three flutes. HSS.
For countersinking holes in steel and iron. With bicomponent handgrip.

Countersink max Ø	mm	11,5	12,4	15	16,5	19	20,5	23	25
Overall length	mm	125	125	130	130	135	135	140	140
8818G	Each	34,10	34,10	37,10	38,30	47,90	47,90	58,30	60,50



Orig. Vökel - Art. 673

Three flutes, ground. For countersinking holes in iron and steel. 90° HEAD TAPER. HSS steel.
1/4 - C6.3 hexagonal shank.
Suitable for bits handles or with electric and battery screwdrivers.

Countersink max Ø	mm	6,3	8,3	10,4	12,4	16,5	20,5
Overall length	mm	31	31	34	35	40	41
8819G	Each	11,80	11,80	13,10	13,80	16,60	20,80



Prod. SCU

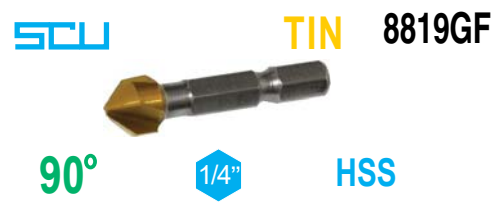
With 3 cutting edges, ground. To countersink holes in iron, steel, light alloys and non-ferrous alloys. 90° CONICAL HEAD.
In HSS. 1/4 hex shank. Suitable for use with electric and battery screwdrivers.

Countersink max Ø	mm	6,3	8,3	10,4	12,4	16,5	20,5
Overall length	mm	38	38	41	42	47	48
8819GE	Each	11,10	11,10	11,90	13,70	18,50	17,40



With 3 cutting edges, ground. To countersink holes in iron, steel, light alloys and non-ferrous alloys. 90° CONICAL HEAD. In HSS. 1/4 hex shank.
Suitable for use with electric and battery screwdrivers.

Countersink max Ø	mm	6,3	8,3	10,4	12,4	16,5	20,5
Overall length	mm	38	38	41	42	47	48
8819GF	Each	17,80	17,80	20,20	26,10	29,10	38,80



Orig. Dürr - Art. 217-61

Three flutes, ground.
For countersinking holes in iron and steel. Vibration-free.
90° HEAD TAPER - DIN 335. Morse taper shank.
HSS

Countersink max Ø	mm	15	16,5	19	20,5	25	30	31	34
Countersink min Ø	mm	3,2	3,2	3,5	3,5	3,8	4,2	4,2	4,5
Drive	C.M.	1	1	2	2	2	2	2	2
Overall length	mm	85	85	100	100	106	112	112	118
8820G	Each	47,70	60,80	60,90	71,20	71,30	80,10	77,10	87,90

Countersink max Ø	mm	37	40	50	63	80	100
Countersink min Ø	mm	4,8	10	14	16	22	28
Drive	C.M.	2	3	3	4	4	4
Overall length	mm	118	140	150	180	190	200
8820G	Each	91,10	117,00	143,00	238,00	399,00	914,00

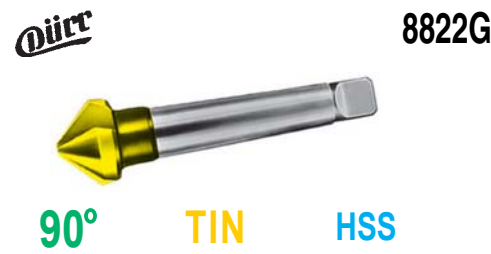
Sizes mm 16,5 and 19 running out of stock.



Three flutes, ground.
For countersinking holes. Vibration-free.
90° HEAD TAPER - DIN 335. Morse taper shank.
HSS, TIN coated.

Countersink max Ø	mm	16,5	20,5	30	31	34	37	40	50
Countersink min Ø	mm	3,2	3,5	4,2	4,2	4,5	4,8	10	14
Drive	C.M.	1	2	2	2	2	2	3	3
Overall length	mm	85	100	112	112	118	118	140	150
8822G	Each	78,90	96,80	142,00	133,00	227,00	235,00	275,00	294,00

Sizes mm 16,5 and 20,5 running out of stock.



Three flutes, ground.
For countersinking holes in iron and steel. Vibration-free.
90° HEAD TAPER - DIN 335. Morse taper shank.
COBALT HSS-E.

Countersink max Ø	mm	31	37	40	50	63	80
Countersink min Ø	mm	4,2	4,8	10	14	16	22
Drive	C.M.	2	2	3	3	4	4
Overall length	mm	112	118	140	150	180	190
8822GL	Each	153,00	181,00	227,00	281,00	457,00	777,00





8823G

Dürr

90°

HSS-E

Orig. Dürr - Art. 217-51

With 5 ground flutes.

For countersinking holes in iron and steel. Vibration-free.

90° HEAD TAPER - DIN 335. Morse taper shank.

COBALT HSS-E. For very high resistance steel, such as TITANIUM and its alloys, INCONEL and similar materials.

Countersink max Ø	mm	31	40	50	63
Countersink min Ø	mm	6	10	14	16
Drive	C.M.	2	3	3	4
Overall length	mm	111	140	150	180
8823G	Each	413,00	512,00	663,00	865,00

8824G

Dürr

90°

HARTMETALL

Orig. Dürr - Art. 217-53

Three flutes, ground.

For countersinking holes in iron and steel. Vibration-free.

90° HEAD TAPER - DIN 335. Morse taper shank.

CARBIDE-TIPPED flutes. For steel and materials difficult to chip, cast iron, aluminium-silicium alloys and stainless steel.

Countersink max Ø	mm	20,5*	25	31	37*	40	50	63*	80*
Countersink min Ø	mm	7	9	10	12	14	18	22	28
Drive	C.M.	2	2	2	2	3	3	4	4
Overall length	mm	100	103	108	115	137	147	179	187
8824G	Each	262,00	328,00	352,00	399,00	455,00	581,00	641,00	831,00

* Sizes running out of stock.

8824GE

Dürr

90°

HARTMETALL

Orig. Dürr - Art. 217-63

With ground and reinforced cutting edge.

For countersinking holes. Absence of vibrations.

90° HEAD TAPER - DIN 335. Morse taper shank.

HARDMETAL flutes (size 31mm only, with hard metal head). For very high resistant steel and materials, such as TITANIUM and its alloys, manganese, hardened steel up to 60 HRC, HARDOX 500, INCONEL and similar materials.

Countersink max Ø	mm	31	40	50	63
Countersink min Ø	mm	6	14	18	22
Drive	C.M.	2	3	3	4
Overall length	mm	108	137	147	179
8824GE	Each	805,00	842,00	1.090,00	1.360,00

8825G

Dürr

100°

HSS

Orig. Dürr - Art. 217-31

Three flutes, HSS ground.

For countersinking holes in iron and steel. Vibration-free.

100° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	6,3	8	10,4	12,4	16,5	20,5	25
Countersink min Ø	mm	1,5	2	2,5	2,8	3,2	3,5	3,8
Drive Ø	mm	5	6	6	8	10	10	10
Overall length	mm	44	49	49	55	59	62	65
8825G	Each	22,30	24,80	27,80	31,40	42,30	62,50	69,60

8826G

Dürr

120°

HSS

Orig. Dürr - Art. 217 - 31

Three flutes, HSS ground.

For countersinking holes in iron and steel. Vibration-free.

120° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	6,3	8	12,5	14,4	16	20	25
Countersink min Ø	mm	1,5	2	2,8	2	3,2	3,5	3,8
Drive Ø	mm	5	6	8	8	10	10	10
Overall length	mm	44	49	54	57	57	59	63
8826G	Each	21,70	24,40	30,80	40,90	41,30	61,10	67,90

8828G

Dürr

120°

HSS

Orig. Dürr - Art. 217-62

Three flutes, HSS ground.

For countersinking holes in iron and steel. Vibration-free.

120° HEAD TAPER. Morse taper shank.

Countersink max Ø	mm	25	31,5	40	50	63
Countersink min Ø	mm	3,8	4,2	10	14	16
Drive	C.M.	2	2	3	3	4
Overall length	mm	102	107	134	143	170
8828G	Each	81,70	96,60	151,00	198,00	412,00



COUNTERSINK SETS

Orig. Dürr - Art. 299-31

9pcs sets.
 Three-flute countersinks. Art. 8810 G. 90° taper.
 Ø 5 - 6 - 7 - 8 - 10 - 11.5 - 15 - 19 - 23mm.
 Complete assortment with display.
 HSS

8832G Each **194,00**



90° HSS

9pcs sets.
 Three-flute countersinks. Art. 8812 G. 90° taper.
 Ø 5 - 6 - 7 - 8 - 10 - 11.5 - 15 - 19 - 23mm.
 Complete assortment with display.
 HSS, TIN coated.

8833G Each **357,00**



90° TIN HSS

10pcs sets.
 Three-flute countersinks. Art. 8810 G. 90° taper.
 Ø 6.3 - 7.3 - 8.3 - 9.4 - 10.4 - 12.4 - 13.4 - 16.5 - 20.5 - 25mm.
 Complete assortment with display.
 HSS

8834G Each **227,00**



90° HSS

10pcs sets.
 Three-flute countersinks. Art. 8812 G. 90° taper.
 Ø 6.3 - 7.3 - 8.3 - 9.4 - 10.4 - 12.4 - 13.4 - 16.5 - 20.5 - 25mm.
 Complete assortment with display.
 HSS, TIN coated.

8835G Each **414,00**



90° TIN HSS

6pcs sets.
 Three-flute countersinks. Art. 8810 G. 90° taper.
 Ø 6 - 8 - 10 - 11.5 - 15 - 19mm.
 Assortment in metal case.
 HSS

8836G Each **122,00**



90° HSS

6pcs sets.
 Three-flute countersinks. Art. 8812 G. 90° taper.
 Ø 6 - 8 - 10 - 11.5 - 15 - 19mm.
 Assortment in metal case.
 HSS, TIN coated.

8837G Each **226,00**



90° TIN HSS

**8838G** **90°****HSS**

6pcs sets.
Three-flute countersinks. Art. 8810 G. 90° taper.
Ø 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5mm.
Assortment in metal case.

HSS

8838G Each **124,00****8839G** **90°****TIN****HSS**

6pcs sets.
Three-flute countersinks. Art. 8812 G. 90° taper.
Ø 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5mm.
Assortment in metal case.

HSS, TIN coated.

8839G Each **228,00****8840G** **90°****HSS**

7pcs sets.
Three-flute countersinks. Art. 8810 G. 90° taper.
Ø 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 - 25mm.
Assortment in metal case.

HSS

8840G Each **170,00****8841G** **90°****TIN****HSS**

7pcs sets.
Three-flute countersinks. Art. 8812 G. 90° taper.
Ø 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 - 25mm.
Assortment in metal case.

HSS, TIN coated.

8841G Each **310,00****8843G** **90°****HSS**

17pcs sets.
Three-flute countersinks. Art. 8810 G. 90° taper.
Ø 4.3 - 5 - 6 - 6.3 - 7 - 8 - 8.3 - 10 - 10.4 - 11.5 - 12.4 - 15 - 16.5 - 19 - 20.5 - 23 - 25mm.
Assortment in metal case.

HSS

8843G Each **377,00**



Orig. Völkel - Art. 67300

6pcs sets.
Three-flute countersinks. Art. 8819 G. 90° taper.
Ø 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5mm
Assortment in plastic case.
HSS

8844G	Each	81,30
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8844G



90° HSS

Prod. SCU

Assortment of 8 pieces.
Cutter with 3 blades. Art. 8819 GE. 90° CONICITY. CRØ mm: 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5.
Assortment in an unbreakable ABS box, complete with handle and grease.

In HSS steel.

8845G	Each	167,00
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Available on request the same assortment of steel milling cutters in HSS TIN coated Art. 8819 GF.



8845G



90° HSS

COUNTERSINKS

Orig. Dürr - Art. 216-11

Single flute, ground.
COBALT HSS-E.
For countersinking holes in iron and steel.
60° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	5	10	15	20	30	40	50
Drive Ø	mm	5	10	10	10	12	15	15
For bores Ø	mm	1-5	1-10	2-15	2-20	3-30	3-40	3-50
Overall length	mm	50	60	65	73	82	92	100
8848G	Each	34,60	20,50	26,70	36,10	70,70	131,00	244,00



8848G



60° HSS-E

Orig. Dürr - Art. 217-11

Single flute, ground.
COBALT HSS-E.
For countersinking holes in iron and steel.
90° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	5	10	15	20	25	30	040	40	050	50
Drive Ø	mm	5	10	10	10	10	12	12	15	12	15
For bores Ø	mm	1-5	1-10	2-15	2-20	2-25	3-30	3-40	3-40	3-50	3-50
Overall length	mm	50	60	65	73	80	82	92	92	100	100
8852G	Each	17,20	17,60	24,20	34,60	52,50	88,30	103,00	118,00	167,00	176,00



8852G



90° HSS-E

Orig. Dürr - Art. 217-41

Single flute, ground.
COBALT HSS-E.
For countersinking holes in iron and steel.
90° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	30	40	50
Drive	C.M.	2	3	3
For bores Ø	mm	3-30	3-40	3-50
Overall length	mm	114	150	152
8854G	Each	121,00	209,00	286,00



8854G



90° HSS-E



COUNTERSINKS WITH INTERCHANGEABLE TOOL BITS

8856G

Dürr

90°

TIN

HARTMETALL

Orig. Dürr - Art. 217-00

2 flutes, with HARDMETAL interchangeable tool bits, TIN-coating for high-quality performance and time saving, no need for resharpening. Particularly suitable for use with CNC. For countersinking high-resistance steel.

90° HEAD TAPER - DIN 74 shape A fine.

Cylindrical shank with clamping flat DIN 1835B.

Supplied without tool bits.

Countersink max Ø	mm	19	23	26	30	34	37
Countersink min Ø	mm	7	11	11	12	16	19
Cylindrical drive Ø	mm	16	16	16	20	20	20
Overall length	mm	100	100	100	100	100	100
To countersink	M.	10	12	14	16	18	20
8856G	Each	304,00	312,00	325,00	338,00	348,00	351,00

Interchangeable tool bits for Art. 8856 G x 19 - 23.

O8856GA	Each	56,30
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Interchangeable tool bits for Art. 8856 G x 26.

O8856GB	Each	58,90
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Interchangeable tool bits for Art. 8856 G x 30-34-37.

O8856GC	Each	68,10
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Spare screws TORX T 8 (M 2.6x5) for Art. 8856 G x 19-23-26.

O8856GF	Each	6,54
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Spare screws TORX T 10 (M 3.5x6) for Art. 8856 G x 30-34-37.

O8856GL	Each	6,54
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COUNTERSINKS

8858G

Dürr

60°

HSS

Orig. Dürr - Art. 216-21

Multiple flutes, HSS ground.

For countersinking holes in cast iron.

Not equally spaced flutes for better finishing.

60° HEAD TAPER -DIN 334. Cylindrical shank.

Countersink max Ø	mm	6	8	10	12,5	16	20	25	31,5
Countersink min Ø	mm	1	1,5	1,8	2	3,2	5	7	9
Drive Ø	mm	6	8	8	8	10	10	12	16
Cutting edges	No.	3	5	5	5	7	7	9	9
Overall length	mm	50	50	50	50	60	63	75	90
8858G	Each	39,30	29,90	37,70	34,60	48,70	56,60	86,40	109,00

8860G

Dürr

60°

HSS

Orig. Dürr - Art. 216-51

Multiple flutes, HSS ground.

For countersinking holes in cast iron.

Not equally spaced flutes for better finishing.

60° HEAD TAPER -DIN 334. Morse taper shank.

Countersink max Ø	mm	16	25	31,5	40	50	63	80
Countersink min Ø	mm	3,2	7	9	12	16	20	25
Drive	C.M.	1	2	2	3	3	4	4
Cutting edges	No.	7	9	9	11	13	15	17
Overall length	mm	100	125	132	160	170	200	215
8860G	Each	58,10	121,00	151,00	223,00	336,00	544,00	1.150,00

Size mm 16 running out of stock.

8862G

Dürr

90°

HSS

Orig. Dürr - Art. 217-21

Multiple flutes, HSS ground.

For countersinking holes in cast iron.

Not equally spaced flutes for better finishing.

90° HEAD TAPER -DIN 335. Cylindrical shank.

Countersink max Ø	mm	6	8	10	12,5	16	20	25	31,5
Countersink min Ø	mm	1	1,5	1,8	2	3,2	5	7	9
Drive Ø	mm	6	8	8	8	10	10	12	16
Cutting edges	No.	3	5	5	5	7	7	9	9
Overall length	mm	48	48	48	48	56	60	70	80
8862G	Each	39,30	29,90	37,70	26,70	36,10	44,10	62,80	81,70



Orig. Dürr - Art. 217-51

Multiple flutes, HSS ground.
For countersinking holes in cast iron.
Not equally spaced flutes for better finishing.
90° HEAD TAPER -DIN 335. Morse taper shank.

Countersink max Ø	mm	25	31,5	40	50	63	80
Countersink min Ø	mm	7	9	12	16	20	25
Drive	C.M.	2	2	3	3	4	4
Cutting edges	No.	9	9	11	13	15	17
Overall length	mm	118	122	150	155	185	196
8864G	Each	95,80	115,00	179,00	258,00	526,00	777,00



COUNTERSINKS AND DEBURRING TOOLS

Orig. Dürr - Art. 216-11

COBALT HSS-E.
For countersinking and finishing holes in iron and steel. Vibration-free.
60° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	10	14	21	28	35
Drive Ø	mm	6	6	10	12	15
For bores Ø	mm	2-5	5-10	10-15	15-20	20-25
Overall length	mm	50	63	80	100	125
8870G	Each	36,10	44,10	81,70	146,00	212,00



Orig. Dürr - Art. 217-11

For countersinking and finishing holes in iron, steel, aluminium and thermo-plastic. Vibration-free.
90° HEAD TAPER. Cylindrical shank.

COBALT HSS-E.

Countersink max Ø	mm	6,35	10	14	21	28	35
Drive Ø	mm	6,35	6	6	10	12	15
For bores Ø	mm	1-4	2-5	5-10	10-15	15-20	20-25
Overall length	mm	45	45	56	67	90	106
8874G	Each	22,20	14,70	19,90	31,10	71,60	105,00

Bi-frontal type 6.35mm only.



Product description as Art. 8874G

COBALT HSS-E, TIN coated.

Countersink max Ø	mm	6,35	10	14	21	28	35
Drive Ø	mm	6,35	6	6	10	12	15
For bores Ø	mm	1-4	2-5	5-10	10-15	15-20	20-25
Overall length	mm	45	45	56	67	90	106
8876G	Each	45,90	28,60	37,50	62,50	110,00	183,00

Bi-frontal type 6.35mm only.



For countersinking and finishing holes in iron, steel, aluminium and thermo-plastic materials. Vibration-free.

90° HEAD TAPER. Long and very long cylindrical shank.

COBALT HSS-E.

Type		10	10L	14	14L	21	21L
Countersink max Ø	mm	10	10	14	14	21	21
Drive Ø	mm	6	6	6	6	10	10
For bores Ø	mm	2-5	2-5	5-10	5-10	10-15	10-15
Overall length	mm	76	136	86	146	96	156
8877G	Each	44,10	59,70	55,10	73,80	107,00	145,00



ASSORTMENTS OF COUNTERSINKS AND DEBURRING TOOLS

Orig. Dürr - Art. 299-11

4pcs sets.
Countersinks-Deburring tools Art. 8874 G. 90° Taper.
4pcs 10-14-21-28mm. Assortment in metal case.

COBALT HSS-E.

8878G	Each	155,00
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8879G

Dürr



Orig. Dürr - Art. 299 - 11

4pcs sets.
Countersinks-Deburring tools Art. 8876 G. 90° Taper.
4pcs 10-14-21-28mm.
Assortment in metal case.
COBALT HSS-E, TIN coated.

TIN

8879G	Each	268,00
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90°

HSS-E

COUNTERSINKS AND DEBURRING TOOLS

8880G

Dürr



Orig. Dürr - Art. 217-41

For countersinking and finishing holes in iron, steel, aluminium and thermo-plastic.
Vibration-free.

90° HEAD TAPER. Morse taper shank.

COBALT HSS-E.

Countersink max Ø	mm	10	21
Drive	C.M.	1	2
For bores Ø	mm	2-5	10-15
Overall length	mm	90	120

90°

HSS-E

8880G	Each	61,10	111,00
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Product running out of stock.

8881G

Dürr



Orig. Dürr - Art. 217-11

For countersinking and finishing holes in iron, steel, aluminium and thermo-plastic materials.
Vibration-free.

120° HEAD TAPER. Cylindrical shank.

COBALT HSS-E.

Countersink max Ø	mm	10	14	21
Drive Ø	mm	6	6	10
For bores Ø	mm	2-5	5-10	10-15
Overall length	mm	45	54	63

120°

HSS-E

8881G	Each	31,40	39,30	73,80
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COUNTERSINKS AND DEBURRING TOOLS FOR PIPES

8882GA

Dürr



Orig. Dürr - Art. 115

For countersinking and deburring, both internally and externally, iron and steel pipes.
If the central countersink is removed it is also possible to deburr bars.

Cylindrical drive.

External max Ø	mm	16	18	24	32
Pipes int Ø	mm	2- ,4	2,6-7,8	3,6-12,8	4,6-24
Pipes ext Ø	mm	6-12	7-14	9-20	16-27
Drive Ø	mm	12,5	12,5	16	16
Overall length	mm	58	65	75	85

90°

HSS

8882GA	Each	126,00	129,00	146,00	308,00
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8882GB

Dürr



Product description as Art. 8882GA

Clamp collet drive.

External max Ø	mm	50	66	82	98
Pipes int Ø	mm	20-39	36-55	52-71	68-87
Pipes ext Ø	mm	25-44	41-60	57-76	73-92
Drive	C.M.	2	3	4	4
Overall length	mm	155	180	205	210

90°

HSS

8882GB	Each	704,00	1.030,00	1.360,00	1.700,00
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Sizes mm 82 and 98 running out of stock.

CONIC COUNTERSINKS FOR PLATES

8884G

Dürr



Orig. Dürr - Art. 124-11

Two flutes, ground.

For creating and enlarging holes in steel plate.

20° Taper. Cylindrical shank.

HSS

Size		0	1	2	3	4
For bores Ø	mm	3-14	8-20	16-30,5	26-40	36-50
Drive Ø	mm	6	8	9	9	9
Drive length	mm	25	25	25	30	30
Overall length	mm	58	66	77	90	87

20°

HSS

8884G	Each	36,10	45,90	72,20	155,00	201,00
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Product description as Art. 8884G

HSS, TIN coated.

Size		0	1	2	3	4
For bores Ø	mm	3-14	8-20	16-30,5	26-40	36-50
Drive Ø	mm	6	8	9	9	9
Drive length	mm	25	25	25	30	30
Overall length	mm	58	66	77	90	87
8885G	Each	55,80	73,80	130,00	248,00	325,00

Dürr



8885G

20°

TIN

HSS

Two flutes, ground.

For creating and enlarging holes in steel plate.

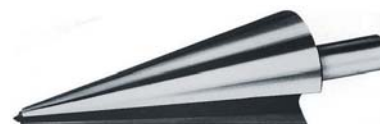
20° Taper. Cylindrical shank.

Long pattern.

HSS

For bores Ø	mm	4-30,5
Drive Ø	mm	10
Drive length	mm	25
Overall length	mm	90
8886G	Each	104,00

Dürr



8886G

20°

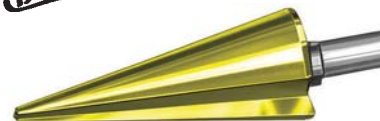
HSS

Product description as Art. 8886G

HSS, TIN coated.

For bores Ø	mm	4-30,5
Drive Ø	mm	10
Drive length	mm	25
Overall length	mm	90
8887G	Each	182,00

Dürr



8887G

20°

TIN

HSS

ASSORTMENTS OF CONIC COUNTERSINKS FOR PLATES

Orig. Dürr - Art. 199-11

3pcs sets.

Two-flute mills. Art. 8884 G. 20° Taper.

3pcs Size 0-1-2.

Assortment in metal case.

HSS

8890G	Each	155,00
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Dürr



8890G

20°

HSS

3pcs sets.

Two-flute mills. Art. 8885 G. 20° Taper.

3pcs Size 0-1-2..

Assortment in metal case.

HSS, TIN coated.

8891G	Each	260,00
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Dürr



8891G

20°

TIN

HSS

DRILL PASTE

Prod. SCU

Necessary to obtain the maximum performance during countersinking and reaming. In 18g stick.

8891GT	Each	7,58
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SCU



8891GT



STEPPED CUTTERS FOR PLATES

8892G



HSS

Orig. Dürr - Art. 981-15

9 steps, 2 ground flutes.
For creating and enlarging holes in steel plate for thicknesses up to 5mm.
Cylindrical shank.

HSS	
Steps Ø	mm 4 5 6 7 8 9 10 11 12
Steps thickness	mm 5
Drive Ø	mm 6
Overall length	mm 79
8892G	Each 62,50

8893G



TIN

HSS

Product description as Art. 8892G

HSS, TIN coated.	
Steps Ø	mm 4 5 6 7 8 9 10 11 12
Steps thickness	mm 5
Drive Ø	mm 6
Overall length	mm 79
8893G	Each 86,70

8894G



HSS

8 steps, 2 ground flutes.
For creating and enlarging holes in steel plate with thickness up to 4.5mm.
Cylindrical shank.

HSS	
Steps Ø	mm 6 8 10 12 14 16 18 20
Steps thickness	mm 4,5
Drive Ø	mm 9
Overall length	mm 71
8894G	Each 72,30

8894GT



TIN

HSS

Product description as Art. 8894G

HSS, TIN coated.	
Steps Ø	mm 6 8 10 12 14 16 18 20
Steps thickness	mm 4,5
Drive Ø	mm 9
Overall length	mm 71
8894GT	Each 115,00

8895G



HSS

13 steps, 2 ground flutes.
For creating and enlarging holes in steel plate with thickness up to 4mm.
Cylindrical shank.

HSS	
Steps Ø	mm 6 8 10 12 14 16 18 20 22 24 26 28 30
Steps thickness	mm 4
Drive Ø	mm 10
Overall length	mm 100
8895G	Each 126,00

8895GT



TIN

HSS

Product description as Art. 8895G

HSS, TIN coated.	
Steps Ø	mm 6 8 10 12 14 16 18 20 22 24 26 28 30
Steps thickness	mm 4
Drive Ø	mm 10
Overall length	mm 100
8895GT	Each 201,00



12 steps.

For creating and enlarging holes in steel plate with thickness up to 4mm.

Interchangeable pilot bit Ø 7mm.

Cylindrical shank.

HSS

Steps Ø	mm	9 12 15 18 21 24 27
		30 33 36

Steps thickness	mm	4
Drive Ø	mm	12
Overall length	mm	85

8896G	Each	208,00
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Spare HSS pilot bit for Art. 8896 G – 8909 G – 8910 G – 8910 GP – 8910 GR.

O8896G	Each	46,40
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Dürr

8896G



HSS

Product description as Art. 8896G

HSS, TIN coated.

Steps Ø	mm	9 12 15 18 21 24 27
		30 33 36

Steps thickness	mm	4
Drive Ø	mm	12
Overall length	mm	85

8898G	Each	305,00
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Spare HSS+TIN pilot bit for Art. 8898 G - 8910 GRE - 8910 GRL.

O8898G	Each	56,20
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Dürr

8898G



TIN

HSS

12 steps.

For creating and enlarging holes in steel plate with thickness up to 4mm.

Interchangeable pilot bit Ø 7mm.

Cylindrical shank.

HSS

Steps Ø	mm	25 28 31 34 37 40
		43 46 49 52 55 58

Steps thickness	mm	4
Drive Ø	mm	12
Overall length	mm	85

8900G	Each	373,00
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Spare HSS pilot bit for Art. 8900 G.

O8900G	Each	46,40
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Dürr

8900G



HSS

Product description as Art. 8900G

HSS, TIN coated.

Steps Ø	mm	25 28 31 34 37 40
		43 46 49 52 55 58

Steps thickness	mm	4
Drive Ø	mm	12
Overall length	mm	85

8902G	Each	547,00
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Spare HSS+TIN pilot bit for Art. 8902 G.

O8902G	Each	56,20
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Dürr

8902G



TIN

HSS

Orig. Dürr

6-7 steps, particularly suitable for plumbers and electricians.

For drilling steel plate up to 6mm (Art. 8909 G) and up to 4mm (Art. 8910 G).

HSS. Cylindrical shank.

Interchangeable pilot bit Ø 7mm.

Art.		8909G	8910G
Steps Ø	mm	11,4 14 17,25 19	12,5 15,2 18,6 20,4
		21,25 26,75	22,5 28,3 30,5
Steps thickness	mm	6	4
Drive Ø	mm	12	12
Overall length	mm	92	85
Supplier code		981-15	981-15
	Each	208,00	181,00

For spare pilot bit for Art. 8909 G – 8910 G see Art. O8896 G.

Dürr

**8909G
8910G**



HSS



COUNTERSINKS WITH EXAGONAL SHANK 1/4

8910GA
8910GB
8910GC



HSS

Prod. SCU

The helical shape of the discharge improves drilling, reduces torque value, increases tool life, eliminates vibrations and is also suitable for use with portable drills.

Hexagonal 1/4 - E 6.3 for use with screwdrivers, wrenches, drills, etc.

In HSS steel.



Art.	8910GA	8910GB	8910GC
Steps Ø	mm 4-5-6-7-8-9-10-11-12	4-6-8-10-12-14-16-18-20	4-6-8-10-12-14-16-18-20-22-24-26-28-30
Steps thickness	mm 4,5	5	4,5
Overall length	mm 70	80	110
Each	34,40	39,70	65,40

HELICAL STEPPED CUTTERS FOR PLATES

8910GE
8910GF
8910GH
8910GL



HSS

Orig. Dürr

The helical shape of the discharge improves drilling, reduces the torque value, increases tool life, eliminates vibrations and is also suitable for use with portable drills.

HSS with nitrided surface. Cylindrical shank.



Art.	8910GE	8910GF	8910GH	8910GL
Steps Ø	mm 4 5 6 7 8 9 10 11 12	6 8 10 12 14 16 18 20	5 7 9 11 13 15 17 19	6 8 10 12 14 16 18 20 22 24 26 28 30
Steps thickness	mm 5	4,5	4,5	4
Drive Ø	mm 6	9	9	10
Overall length	mm 79	71	71	100
Supplier code	981-25	981-25	981-25	981-25
Each	68,10	78,70	85,40	137,00

8910GMA
8910GME
8910GML
8910GMP



TIN

HSS

Product description as Art. 8910GE

HSS with TIN coating. Cylindrical shank.



Art.	8910GMA	8910GME	8910GML	8910GMP
Steps Ø	mm 4 5 6 7 8 9 10 11 12	6 8 10 12 14 16 18 20	5 7 9 11 13 15 17 19	6 8 10 12 14 16 18 20 22 24 26 28 30
Steps thickness	mm 5	4,5	4,5	4
Drive Ø	mm 6	9	9	10
Overall length	mm 79	71	71	100
Supplier code	981-25	981-25	981-25	981-25
Each	92,20	121,00	128,00	212,00

8910GR



HSS

Product description as Art. 8910GE

HSS with nitrided surface Cylindrical shank.

Interchangeable pilot bit Ø 7mm.



Steps Ø	mm 10,5 12,5 14,5 16,5 18,5 20,5 23,5 25,5 30,5 32,5 38,5 40,5
Steps thickness	mm 4
Drive Ø	mm 12
Overall length	mm 110
Supplier code	981-25
8910GR	Each 236,00

For spare pilot bit for Art. 8910 GP – 8910 GR see Art. O8896 G.

8910GRL



TIN

HSS

Product description as Art. 8910GE

HSS with TIN coating. Cylindrical shank.

Interchangeable pilot bit Ø 7mm.



Steps Ø	mm 10,5 12,5 14,5 16,5 18,5 20,5 23,5 25,5 30,5 32,5 38,5 40,5
Steps thickness	mm 4
Drive Ø	mm 12
Overall length	mm 110
Supplier code	981-25
8910GRL	Each 352,00

For spare pilot bit for Art. 8910 GRE - 8910 GRL see Art. O8898 G.

The Art. 8910 GEL is suitable for metric fine threads (MF) according to DIN 60403 for blind and through holes.



Prod. SCU

Product description as Art. 8910GE

HSS-E for high strength steels, stainless steel, aluminum alloys, brass and plastics.

Art.		8910GRM	8910GRP	8910GRT	8910GRV
Steps Ø	mm	4 5 6 7 8 9 10	4 6 8 10 12 14	4 6 8 10 12 14 16 18	4 6 9 12 15 18 21
		11 12	16 18 20	20 22 24 26 28 30	24 27 30 33 36 39
Steps thickness	mm	4	4	4	4
Drive Ø	mm	6	8	10	10
Overall length	mm	65	75	100	107
Each		50,50	70,60	110,00	152,00

SCU

HSS-E



8910GRM

new

8910GRP

new

8910GRT

new

8910GRV

new

ASSORTMENTS OF STEPPED CUTTERS

Orig. Dürr - Art. 919-11

3pcs set.

Stepped cutters Art. 8892 G - 8894 G - 8895 G

Assortment in metal case.

8910GS Each **261,00**

Dürr

HSS



8910GS

Orig. Dürr - Art. 919-21

3pcs set.

Helical stepped cutters Art. 8910 GE - 8910 GF - 8910 GL

Assortment in metal case.

8910GT Each **284,00**

Dürr

HSS



8910GT

DEBURRING TOOLS

Prod. SCU

STORAGE HANDLES for blade holder Art. 8912 GB-H-S-V-8913 GE and deburring blades.

In plastic material with locking nut.

Possibility to adjust the blade holder in any position until release 100mm.

Without blade holder and blades.

8912GA Each **11,50**

SCU



8912GA

BLADE HOLDER for blades Art.8912 GC-D-E-F.

8912GB Each **10,10**

SCU



8912GB

BLADES, SMALL SERIES, HSS (Ø 2.5mm)

Universal type for internal and external deburring.

8912GC Each **2,44**

SCU



HSS

8912GC

Product description as Art. 8912GC

For brass and cast iron, for deburring in both directions.

8912GD Each **2,44**

SCU



HSS

8912GD



8912GE

SCU



HSS

Product description as Art. 8912GC
For thin materials, for internal and external deburring.

8912GE Each 2,96

8912GF

SCU



HSS

Product description as Art. 8912GC
Universal type for rear deburring.

8912GF Each 6,80

8912GH

SCU



BLADE HOLDER for blades Art.8912 GL-M-P-R.

8912GH Each 10,10

8912GL

SCU



HSS

BLADES, BIG SERIES, HSS (Ø 3.2mm)
For steel and aluminium.

8912GL Each 2,48

8912GM

SCU



HSS

Product description as Art. 8912GL
For brass and cast iron.

8912GM Each 2,48

8912GP

SCU



HSS

Product description as Art. 8912GL
Universal type for deburring both sides.

8912GP Each 3,14

8912GR

SCU



HSS

Product description as Art. 8912GL
Universal type for rear deburring.

8912GR Each 6,94

8912GS

SCU



BLADE HOLDER for blades Art.8912 GT.

8912GS Each 10,10

8912GT

SCU



HSS

HSS steel blades, triangular scraper type 8x30mm.

8912GT Each 18,70

8912GV

SCU



BLADE HOLDER for blades Art.8912 GZ- 8912GZ/3.

8912GV Each 10,10

8912GZ

SCU



HARTMETALL

HARD METAL BLADES, tipped type, for deburring steel plate with thickness up to 3mm.

8912GZ Each 17,70

8912GZ 3

SCU



HARTMETALL

HARD METAL BLADES, tipped type, for deburring steel plate with thickness up to 8mm.

8912GZ 3 Each 31,90



BLADE HOLDER for blades Art.8913 GH-L.

8913GE Each **10,10**


8913GE


HSS steel blades, for countersinking up to 20mm.

8913GH Each **38,50**


8913GH
90°

HSS

HSS steel blades, for countersinking up to 30mm.

8913GL Each **61,50**


8913GL
90°

HSS

DEBURRING TOOLS WITH INTERCHANGEABLE BLADES

With small, handy metal handgrip.

With rotating blade suitable for different models.

To be used with blades Art. 8912 GL-M-P.

With 1 blade Art. 8912 GL.

8914GA Each **11,30**


8914GA


DEBURRING TOOLS WITH INTERCHANGEABLE BLADES

With synthetic material handgrip, in stock, dimensioned for strong clamping. With 3 rotating blades suitable for different models.

With 3 blades Art. 8912 GL - M - 8914 GB 3.

8914GB Each **28,80**

For spare blades for steel, aluminum, brass and cast iron see Art. 8912 GL - GM.


8914GB


Spare HSS blades for grooves. For Art. 8914 GB.

8914GB 3 Each **2,48**


8914GB 3

HSS

DEBURRING TOOLS FOR PLATES

With double round blade, HSS, interchangeable and usable on both cutting sides.

Plastic handgrip with metal hand protection.

For simultaneous deburring of both edges of steel, aluminium, brass, copper and plastic plates with thickness up to 10mm.

8914GL Each **34,20**

Spare blade for Art. 8914 GL.

O8914GL Each **6,94**


8914GL

HSS

SLOT DEBURRING TOOLS.

Interchangeable HSS blade and removable blade holder.

Plastic handgrip.

For deburring both internal and external slots.

8914GP Each **37,50**

Spare blade for Art. 8914 GP.

O8914GP Each **8,66**


8914GP

HSS



COUNTERBORES FOR TAPERED-HEAD SCREW SEATS (PASSING-THROUGH SCREWS)

8915A **SCU**



HSS-E-5%

Prod. SCU

HSS-E COBALT 5% - DIN 373.

For creating the seat to the tapered head of internal hexagonal passing-through screws.

For iron and high-resistance steel.

Cylindrical shank. FINE tolerance.

For screws	M.	3	4	5	6	8	10	12	14
Cutting edges Ø	mm	5,9	7,4	8,9	10,4	13,5	16,5	19	22
Guide Ø	mm	3,2	4,3	5,3	6,4	8,4	10,5	13	15
Drive Ø	mm	6	6	8	8	12	12	12	16
Overall length	mm	71	71	80	80	100	100	100	130
8915A	Each	27,80	28,90	31,90	33,70	39,80	47,70	59,70	77,50

8915G **Dürr**



HSS

Orig. Dürr - Art. 211-21

HSS - DIN 373.

For creating the seat to the tapered head of internal hexagonal passing-through screws.

For iron and high-resistance steel.

Cylindrical shank. FINE tolerance.

For screws	M.	3	4	5	6	8	10	12
Cutting edges Ø	mm	6	8	10	11	15	18	20
Guide Ø	mm	3,2	4,3	5,3	6,4	8,4	10,5	13
Drive Ø	mm	5	5	8	8	12,5	12,5	12,5
Overall length	mm	71	71	80	80	100	100	100
8915G	Each	22,80	20,30	22,10	23,30	37,70	45,40	51,10

8915GM **Dürr**



HSS

HSS - DIN 373.

For creating the seat to the tapered head of internal hexagonal passing-through screws.

For iron and high-resistance steel.

Cylindrical shank. MEDIUM tolerance.

Type	mm	3	4	4L	4XL	5	5L	5XL	6
For screws	M.	3	4	4	4	5	5	5	6
Cutting edges Ø	mm	6	8	8	8	10	10	10	11
Guide Ø	mm	3,4	4,5	4,5	4,5	5,5	5,5	5,5	6,6
Drive Ø	mm	5	5	5	5	8	8	8	8
Overall length	mm	71	71	150	200	80	150	200	80
8915GM	Each	22,30	20,10	303,00	321,00	21,70	307,00	324,00	23,10
Type	mm	6XL	8	8XL	10	10XL	12	12XL	
For screws	M.	6	8	8	10	10	12	12	
Cutting edges Ø	mm	11	15	15	18	18	20	20	
Guide Ø	mm	6,6	9	9	11	11	13,5	13,5	
Drive Ø	mm	8	12,5	12,5	12,5	12,5	12,5	12,5	
Overall length	mm	200	100	200	100	200	100	200	
8915GM	Each	327,00	37,20	344,00	44,90	362,00	49,80	399,00	

On request, the cutters Art. 8915 G - 8915 GM are available in STEEL SUPER-FAST COBALT 10% HSS-E.

COUNTERBORES FOR TAPERED-HEAD SCREW SEATS (SCREWS TO THREAD)

8918G **Dürr**



HSS

Orig. Dürr - Art. 211-21

HSS - DIN 373.

For creating the seat to the tapered head of internal hexagonal screws to thread.

For iron and high-resistance steel.

Cylindrical shank.

For screws	M.	3	4	5	6	8	10
Cutting edges Ø	mm	6	8	10	11	15	18
Guide Ø	mm	2,5	3,3	4,2	5	6,8	8,5
Drive Ø	mm	5	5	8	8	12,5	12,5
Overall length	mm	71	71	80	80	100	100
8918G	Each	26,30	25,20	27,20	28,80	41,20	50,10

COBALT 10% HSS-E Mills Art. 8915 G - 8915 GM and 8918 G available on request.



COUNTERBORES FOR TAPERED-HEAD SCREW SEATS (PASSING-THROUGH SCREWS)

Orig. Dürr - Art. 211-23

In integral HARD METAL (except size M 8 and M 10 with only the head in hard metal). Similar to DIN 373.

For creating the seat to the tapered head of internal hexagonal passing-through screws.

For steel and difficult to chip materials, cast iron, aluminium-silicium alloys and stainless steel.

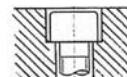
Cylindrical shank. FINE tolerance.

For screws	M.	3	4	6	8
Cutting edges Ø	mm	6	8	11	15
Guide Ø	mm	3,2	4,3	6,4	8,4
Drive Ø	mm	5	6	8	12,5
Overall length	mm	71	71	80	100
8921G	Each	307,00	316,00	356,00	484,00

Product running out of stock.



8921G



HARTMETALL

Product description as Art. 8921G

Cylindrical shank. MEDIUM tolerance.

For screws	M.	3	4	5	6	8	10
Cutting edges Ø	mm	6	8	10	11	15	18
Guide Ø	mm	3,4	4,5	5,5	6,6	9	11
Drive Ø	mm	5	6	8	8	12,5	12,5
Overall length	mm	71	71	80	80	100	100
8922G	Each	293,00	303,00	319,00	338,00	464,00	610,00



8922G



HARTMETALL

ASSORTMENTS OF COUNTERBORES FOR TAPERED-HEAD SCREW SEATS

Orig. Dürr - Art. 299-21

Assortment of 6 counterbores Art. 8915 G 3-4-5-6-8-10M.

In metal case.

8924G	Each	172,00
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8924G



HSS

Assortment of 6 counterbores Art. 8915 GM 3-4-5-6-8-10M.

In metal case.

8925G	Each	169,00
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8925G



HSS

Assortment of 6 counterbores Art. 8918 G 3-4-5-6-8-10M.

In metal case.

8926G	Each	199,00
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8926G

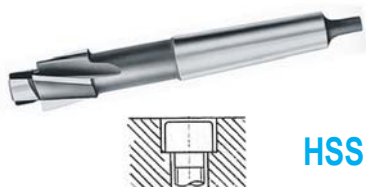


HSS



COUNTERBORES FOR TAPERED-HEAD SCREW SEATS (PASSING-THROUGH SCREWS)

8928G



HSS

Orig. Dürr - Art. 211-51

HSS.

For creating the seat to the tapered head of internal hexagonal passing-through screws.

For iron and high-resistance steel.

Morse taper shank. FINE tolerance.

For screws	M.	10	12	14	16	18	20	22	24
Cutting edges Ø	mm	18	20	24	26	30	33	36	40
Guide Ø	mm	10,5	13	15	17	19	21	23	25
Overall length	mm	150	150	160	190	190	190	205	205
Drive	C.M.	2	2	2	3	3	3	3	3
8928G	Each	63,30	66,80	78,70	89,00	105,00	124,00	167,00	175,00

8929G



HSS

HSS.

For creating the seat to the tapered head of internal hexagonal passing-through screws.

For iron and high-resistance steel.

Morse taper shank. MEDIUM tolerance.

For screws	M.	10	12	14	16	18	20	22	24
Cutting edges Ø	mm	18	20	24	26	30	33	36	40
Guide Ø	mm	11	13,5	15,5	17,5	20	22	24	26
Overall length	mm	150	150	160	190	190	190	205	205
Drive	C.M.	2	2	2	3	3	3	3	3
8929G	Each	59,90	63,30	74,80	84,20	99,10	117,00	157,00	165,00

COUNTERBORES FOR TAPERED-HEAD SCREW SEATS (SCREWS TO THREAD)

8930G



HSS

Orig. Dürr - Art. 211-51

HSS.

For creating the seat to the tapered head of internal hexagonal screws to thread.

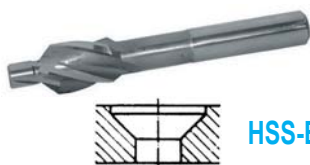
For iron and high-resistance steel.

Morse taper shank.

For screws	M.	10	12	14	16	18	20	22	24
Cutting edges Ø	mm	18	20	24	26	30	33	36	40
Guide Ø	mm	8,5	10,2	12	14	15,5	17,5	19,5	21
Overall length	mm	150	150	160	190	190	190	205	205
Drive	C.M.	2	2	2	3	3	3	3	3
8930G	Each	68,60	71,50	85,10	95,20	114,00	135,00	177,00	200,00

CUTTERS FOR 90° COUNTERSINK HEAD PASSING-THROUGH SCREW SEATS

8932A



HSS-E-5%

Prod. SCU

HSS-E COBALT 5% - DIN 1866.

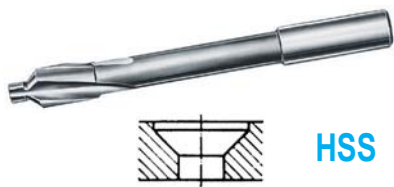
For creating the seat to the 90° countersink head of passing-through screws.

For iron and high-resistance steel.

Cylindrical shank. FINE tolerance.

For screws	M.	3	4	5	6	8	10
Cutting edges Ø	mm	6,3	8,3	10,4	12,4	16,5	20,5
Guide Ø	mm	3,2	4,3	5,3	6,4	8,4	10,5
Drive Ø	mm	6	8	10	10	12	12
Overall length	mm	71	71	80	80	100	100
8932A	Each	45,70	49,70	61,50	75,10	93,40	135,00

8932G



HSS

Orig. Dürr - Art. 212-11 / 212-21

HSS - DIN 1866.

For creating the seat to the 90° countersink head of passing-through screws.

For iron and high-resistance steel.

Cylindrical shank. FINE tolerance.

For screws	M.	2	2,5	3	4	5	6	8
Cutting edges Ø	mm	4,3	5	6	8	10	11,5	15
Guide Ø	mm	2,2	2,7	3,2	4,3	5,3	6,4	8,4
Drive Ø	mm	4,3	5	5	5	8	8	12,5
Overall length	mm	56	56	71	71	80	80	100
8932G	Each	62,80	62,80	53,10	58,80	63,30	75,90	107,00



COUNTERSINKS FOR 90° COUNTERSINK-HEAD SCREW SEATS (SCREWS TO THREAD)

Orig. Dürr - Art. 212-21

HSS - DIN 1866.

For creating the seat to the 90° countersink head of screws to thread.

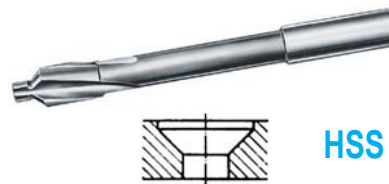
For iron and high-resistance steel.

Cylindrical shank. FINE tolerance.

For screws	M.	3	4	5	6	8
Cutting edges Ø	mm	6	8	10	11,5	15
Guide Ø	mm	2,5	3,3	4,2	5	6,8
Drive Ø	mm	5	5	8	8	12,5
Overall length	mm	71	71	80	80	100
8934G	Each	62,00	66,60	73,80	89,50	109,00

Dürr

8934G



HSS

JET REAMERS

Prod. SCU

In hardened steel. Ground cutting edges.

For soft metal, iron, steel up to R 80/90 Kg.

SCU

8940G



Size	75	74	72	71	70	68	66	65	64	62	60	58	56	55	53
Max Ø	mm	0,5	0,55	0,6	0,65	0,7	0,75	0,8	0,85	0,9	0,95	1	1,1	1,2	1,3
Useful length	mm	35	35	40	40	40	40	45	48	48	55	55	55	55	60
8940G	Each	2,30	2,30	2,30	2,30	2,30	2,26	2,26	2,26	2,26	2,30	2,40	2,50	2,62	2,76

Size	52	50	48	46	39	31	28*	15*	8*	6*	5*	4*	3*	2*
Max Ø	mm	1,6	1,7	1,9	2	2,5	3	3,5	4,5	5	6	7	8	9
Useful length	mm	60	70	70	70	75	80	85	95	100	110	110	125	130
8940G	Each	2,76	2,78	3,50	3,50	4,34	5,22	4,98	7,90	9,26	12,40	15,10	19,20	24,70

* Sizes running out of stock.

For nozzle grinding and reboring.

Set of 12 jet reamers Art. 8940 G Size 72-71-70-66-65-64-60-58-55-53-50-48 with reamer holder.

In wallet.

8942G	Each	33,80
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SCU

8942G



JET REAMERS WITH HANDLE

Prod. SCU

For nozzle grinding and reboring.

Pentagonal operating part with knurled plastic handle.

Size	78	75	72	70	66	64	60
Max Ø	mm	0,4	0,5	0,6	0,7	0,8	0,9
8944G	Each	2,68	2,68	2,62	2,58	2,58	2,62

Size	56	54	51	46	
Max Ø	mm	1,2	1,4	1,7	2
8944G	Each	2,82	3,04	3,66	4,06

SCU

8944G



For nozzle grinding and reboring.

Set of 6 jet reamers Art. 8944 G Size 78-72-66-60-56-54.

In plastic package.

8946G	Each	20,70
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SCU

8946G





REAMER HOLDERS

8948G

SCU



Prod. SCU

Plastic handle. Steel clamps.

Overall length	mm	100	110	115	160	170
Opening	mm	0-1,2	1,2-2	2-3	3-4,5	4-6
For reamers 8940 G	Gr	75 to 56	55 to 46	39 to 21	15 to 8	6 and 5
8948G	Each	8,62	9,98	10,20	26,80	34,30

8950G

SCU



Brass body. Steel clamps.

With 2 interchangeable jaws.

Overall length	mm	100	110	111
Opening	mm	0-2,6	0-3,2	0-4
For reamers 8940 G	Gr	75 to 31	75 to 15	75 to 6
8950G	Each	21,50	22,60	23,10

HAND TAPER PIN REAMERS

8954G

Dürr



HSS

Orig. Dürr - Art. 323-21

HSS - DIN 9. Helical, ground cutting edges.

Taper 1:50. With drive board and cylindrical tang.

Tolerance H7.

Rated Ø	mm	1,5	2	2,5	3	4	5	6	8	10	12	16	20	25
Min Ø	mm	1,4	1,9	2,4	2,9	3,9	4,9	5,9	7,9	9,9	11,8	15,8	19,8	24,7
Max Ø	mm	2,14	2,86	3,36	4,06	5,26	6,36	8	10,8	13,4	16	20,4	24,8	30,7
Cutting edge length	mm	37	48	48	58	68	73	105	145	175	210	230	250	300
Overall length	mm	57	68	68	80	93	100	135	180	215	255	280	310	370
Square drive	mm	2,5	2,5	2,5	3,15	4	5	6,3	8	10	11,2	14	18	22,4
8954G	Each	52,50	52,50	52,50	50,90	52,50	54,10	67,30	101,00	128,00	166,00	235,00	304,00	527,00

TAPER REAMERS

8960G

Dürr



HSS

Orig. Dürr - Art. 323-21

HSS. Helicoidal cutting edges. Taper 1:10.

With drive board and cylindrical tang.

Min/max Ø	mm	3/10	5/15	10/25	15/35
Cutting edge length	mm	70	100	150	200
Overall length	mm	100	140	195	250
Square drive	mm	6,3	10	16	22,4
8960G	Each	135,00	182,00	369,00	648,00

HAND REAMERS WITH CYLINDRICAL SHANK

8964

SCU



HSS

Prod. SCU

HSS - DIN 206B.

Ground helicoidal cutting edges.

With drive board and cylindrical shank.

Tolerance H7.

Ø	mm	5	5,5	6	6,5	7	7,5	8	8,5	9	9,5	10	10,5	11	11,5	12
Cutting edge length	mm	44	47	47	50	54	54	58	58	62	62	66	66	71	71	76
Overall length	mm	87	93	93	100	107	107	115	115	124	124	133	133	142	142	152
Square drive	mm	4	4,5	4,5	5	5,6	5,6	6,3	7,1	7,1	7,1	8	8	9	10	10
8964	Each	24,70	29,60	26,70	33,90	29,90	34,80	32,50	37,10	35,80	38,20	39,70	41,40	53,30	45,60	58,50
Ø	mm	12,5	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Cutting edge length	mm	76	76	81	81	87	87	93	93	100	100	107	107	115	115	115
Overall length	mm	152	152	163	163	177	177	188	188	201	201	215	215	231	231	231
Square drive	mm	10	10	11,2	11,2	12,5	12,5	14	14	16	16	18	18	20	20	20
8964	Each	59,10	63,70	71,50	78,10	87,70	89,10	90,40	94,90	112,00	113,00	125,00	132,00	154,00	155,00	173,00
Ø	mm	27	28	30												
Cutting edge length	mm	124	124	124												
Overall length	mm	247	247	247												
Square drive	mm	22,4	22,4	22,4												
8964	Each	186,00	206,00	226,00												



Orig. Hartner - Art. 88310

HSS - DIN 206B.

Ground helicoidal cutting edges (1.5 - 1.6 - 1.8mm with straight cutting edges).

With DIN 10 drive board and cylindrical shank.

Tolerance H7.



8965G

HSS

Ø	mm	1,5	1,6*	1,8*	2	2,2	2,5	2,8*	3	3,5	4	4,5	5
Cutting edge length	mm	20	21	23	25	27	29	31	31	35	38	41	44
Overall length	mm	41	44	47	50	54	58	62	62	71	76	81	87
Square drive	mm	1,12	1,25	1,4	1,6	1,8	2,10	2,24	2,40	2,7	3	3,4	3,8
8965G	Each	44,80	43,40	43,40	32,70	47,70	37,30	49,90	31,00	51,10	26,50	37,90	30,50
Ø	mm	5,5	6	7	8	9	10	11	12	13	14	15	16
Cutting edge length	mm	47	47	54	58	62	66	71	76	76	81	81	87
Overall length	mm	93	93	107	115	124	133	142	152	152	163	163	175
Square drive	mm	4,3	4,9	5,5	6,2	7,1 (7,0)	8	9	9	10	11	12	12
8965G	Each	41,30	29,90	35,60	35,10	43,10	38,50	53,30	45,30	74,60	72,30	82,60	80,30
Ø	mm	17	18	19	20	22	24	25	26*	28	30		
Cutting edge length	mm	87	93	93	100	107	115	115	115	124	124		
Overall length	mm	175	188	188	201	215	231	231	231	247	247		
Square drive	mm	13	14,5	14,5	16	18	20 (18)	20	20	22,4 (22)	24		
8965G	Each	91,80	105,00	113,00	99,80	127,00	150,00	138,00	182,00	207,00	194,00		

The Ø mm 2,2 - 9 - 22 - 24 - 28 are Orig. Dürr and when the stocks will be run out we will provide the same reamers marked Hartner.

The sizes of the square drives in parentheses refer to Article. Orig. Hartner.

* Sizes running out of stock.

MACHINE TAPER PIN REAMERS

Orig. Dürr - Art. 324-31

HSS - DIN 2179.

Ground, helicoidal, 45° left-hand cutting edges.

Taper 1:50. Cylindrical shank.

Tolerance H7.



8968G

HSS

Rated Ø	mm	2	2,5	3	4	5	6	8	10	12
Min Ø	mm	1,9	2,4	2,9	3,9	4,9	5,9	7,9	9,9	11,8
Max Ø	mm	2,86	3,36	4,06	5,26	6,36	8	10,8	13,4	16
Cutting edge length	mm	48	48	58	68	73	105	145	175	210
Overall length	mm	86	86	100	112	122	160	207	245	290
Drive Ø	mm	3,15	3,15	4	5	6,3	8	10	12,5	16
8968G	Each	49,20	59,10	54,10	55,80	57,40	67,30	101,00	128,00	163,00

MACHINE REAMERS

Orig. Hartner - Art. 88304 - 88306

COBALT HSS-E - DIN 212.

Ground helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting.

Cylindrical shank. Tolerance H7.



8970G

HSS-E

Ø	mm	1,5	1,8	2	2,2	2,5	2,8	3	3,2	3,5	4	4,5	5	5,5	6	6,5
Cutting edge length	mm	8	10	11	12	14	15	15	16	18	19	21	23	26	26	28
Overall length	mm	40	46	49	53	57	61	61	65	70	75	80	86	93	93	101
Drive Ø	mm	1,5	1,8	2	2,2	2,5	2,8	3	3,2	3,5	4	4,5	5	5,6	5,6	6,3
8970G	Each	17,40	25,60	15,10	23,20	16,40	25,60	13,50	23,90	18,40	16,60	18,50	17,10	23,10	18,10	24,10
Ø	mm	7	7,5	8	8,5	9	9,5	10	10,5	11	11,5	12	13	14	15	16
Cutting edge length	mm	31	31	33	33	36	36	38	38	41	41	44	44	47	50	52
Overall length	mm	109	109	117	117	125	125	133	142	142	142	151	151	160	162	170
Drive Ø	mm	7,1	7,1	8	8	9	9	10	10	10	10	10	10	12,5	12,5	12,5
8970G	Each	21,50	31,30	22,30	34,30	27,60	35,80	26,40	63,70	41,40	54,20	38,40	43,70	44,40	46,10	47,40
Ø	mm	17	18	19	20											
Cutting edge length	mm	54	56	58	60											
Overall length	mm	175	182	189	195											
Drive Ø	mm	14	14	16	16											
8970G	Each	63,20	61,10	75,30	65,50											

The Ø mm 2,2 - 9 - 22 - 24 - 28 are Orig. Dürr and when the stocks will be run out we will provide the same reamers marked Hartner.



8971G

Dürr**HSS-E**

COBALT HSS-E - DIN 212.

Ground helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting.

Cylindrical shank. Tolerance H7. Long pattern.

Type		2	3	4	5	6	6L	8
Ø	mm	2	3	4	5	6	6	8
Cutting edge length	mm	11	15	19	23	26	26	33
Max boring length	mm	45	65	70	80	90	210	115
Drive Ø	mm	2	3	4	5	6	6	8
8971G	Each	95,10	73,80	75,50	77,10	78,70	187,00	82,10

Type		8L	10	10L	12
Ø	mm	8	10	10	12
Cutting edge length	mm	33	38	38	44
Max boring length	mm	200	140	200	160
Drive Ø	mm	8	10	10	12
8971G	Each	191,00	95,10	194,00	107,00

8971R

SCU**HARTMETALL**

Prod. SCU

SOLID CARBIDE K 10 - DIN 212.

Ground, helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting. Cylindrical shank.

Ø	mm	2	2,5	3	3,5	4	4,5	5
Cutting edge length	mm	11	14	15	18	19	21	23
Overall length	mm	50	57	60	70	75	80	93
Drive Ø	mm	2	2.5	3	3.5	4	4.5	5
8971R	Each	27,90	25,50	28,10	32,30	36,20	41,90	49,10

Ø	mm	5,5	6	6,5	7	8	9	10
Cutting edge length	mm	26	26	28	31	33	36	38
Overall length	mm	93	93	100	109	117	125	135
Drive Ø	mm	5.5	6	6.5	7	8	9	10
8971R	Each	56,10	57,60	65,40	74,20	86,50	99,30	124,00

Ø	mm	11	12	13
Cutting edge length	mm	41	44	44
Overall length	mm	140	150	150
Drive Ø	mm	11	12	13
8971R	Each	157,00	186,00	216,00

8972G

Dürr**HARTMETALL**

Orig. Dürr - Art. 314-23

SOLID CARBIDE K 10 tipped cutting edges - Similar to DIN 8093.

Ground, helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting. Cylindrical shank.

Ø	mm	6	7	8	11	12	14	20
Cutting edge length	mm	26	31	33	41	44	47	60
Overall length	mm	93	109	117	142	151	160	195
Drive Ø	mm	5,6	7,1	8	10	10	12,5	16
8972G	Each	105,00	108,00	107,00	159,00	171,00	188,00	266,00

Product running out of stock.

8974G

Dürr**HSS-E**

Orig. Dürr - Art. 314-31

COBALT HSS-E - DIN 212.

45° left-hand spiral flute. For right-hand cutting.

For passing-through holes only, frontal chip discharge.

Cylindrical shank. Tolerance H7.

Ø	mm	2,5	3,5	4,5	6	7	9	10
Cutting edge length	mm	14	18	21	26	31	36	38
Overall length	mm	57	70	80	93	109	125	133
Drive Ø	mm	2,5	3,5	4,5	5,6	7,1	9	10
8974G	Each	30,20	39,70	39,70	35,90	41,50	54,70	51,10

Ø	mm	12	13	16	18	19
Cutting edge length	mm	44	44	52	56	58
Overall length	mm	151	151	170	182	189
Drive Ø	mm	10	10	12,5	14	16
8974G	Each	62,30	86,80	84,90	116,00	133,00

Product running out of stock.



CENTESIMAL MACHINE REAMERS

Orig. Dürr - Art. 299B-301D

High-precision type, 1/100 progression.
 COBALT HSS-E - Similar to DIN 212.
 Ground, helicoidal cutting edges. Left-hand spiral flute.
 For right-hand cutting.
 Cylindrical shank, precision h9.
 Tolerance:

up to Ø 5.50mm + 0.004 / 0
 from Ø 5,51mm + 0.005 / 0.



Ø	mm	0,90	0,91	0,92	0,93	0,94	0,95	0,96	0,97	0,98	0,99	1,00	1,01	1,02	1,03	1,04
Cutting edge length	mm	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5
Overall length	mm	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
Indicative Ø drive	mm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8976G	Each	32,50	32,50	32,50	32,50	32,50	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10
Ø	mm	1,05	1,06	1,07	1,08	1,09	1,10	1,11	1,12	1,13	1,14	1,15	1,16	1,17	1,18	1,19
Cutting edge length	mm	5,5	5,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	7,5
Overall length	mm	34	34	36	36	36	36	36	36	36	36	36	36	36	36	38
Indicative Ø drive	mm	1	1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,2
8976G	Each	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10
Ø	mm	1,20	1,21	1,22	1,23	1,24	1,25	1,26	1,27	1,28	1,29	1,30	1,31	1,32	1,33	1,34
Cutting edge length	mm	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	8	8
Overall length	mm	38	38	38	38	38	38	38	38	38	38	38	38	38	40	40
Indicative Ø drive	mm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,4	1,4
8976G	Each	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10	29,10
Ø	mm	1,35	1,36	1,37	1,38	1,39	1,40	1,41	1,42	1,43	1,44	1,45	1,46	1,47	1,48	1,49
Cutting edge length	mm	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Overall length	mm	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Indicative Ø drive	mm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
8976G	Each	29,10	29,10	29,10	29,10	29,10	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	1,50	1,51	1,52	1,53	1,54	1,55	1,56	1,57	1,58	1,59	1,60	1,61	1,62	1,63	1,64
Cutting edge length	mm	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Overall length	mm	40	43	43	43	43	43	43	43	43	43	43	43	43	43	43
Indicative Ø drive	mm	1,5	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
8976G	Each	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60
Ø	mm	1,65	1,66*	1,67	1,68	1,69	1,70	1,71	1,72	1,73	1,74	1,75	1,76	1,77	1,78	1,79
Cutting edge length	mm	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10
Overall length	mm	43	43	43	43	43	43	46	46	46	46	46	46	46	46	46
Indicative Ø drive	mm	1,6	1,6	1,6	1,6	1,6	1,6	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
8976G	Each	25,60	25,50	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60
Ø	mm	1,80	1,81	1,82	1,83	1,84	1,85	1,86	1,87	1,88	1,89	1,90	1,91	1,92	1,93	1,94
Cutting edge length	mm	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11
Overall length	mm	46	46	46	46	46	46	46	46	46	46	46	49	49	49	49
Indicative Ø drive	mm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	2	2	2	2
8976G	Each	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60
Ø	mm	1,95	1,96	1,97	1,98	1,99	2,00	2,01	2,02	2,03	2,04	2,05	2,06	2,07	2,08	2,09
Cutting edge length	mm	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Overall length	mm	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Indicative Ø drive	mm	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8976G	Each	25,60	25,60	25,60	25,60	25,60	23,80	34,50	23,80	23,80	23,80	23,80	23,80	23,80	23,80	23,80
Ø	mm	2,10	2,11	2,12	2,13	2,14	2,15	2,16	2,17	2,18	2,19	2,20	2,21	2,22	2,23	2,24
Cutting edge length	mm	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12
Overall length	mm	49	49	49	53	53	53	53	53	53	53	53	53	53	53	53
Indicative Ø drive	mm	2	2	2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2
8976G	Each	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80
Ø	mm	2,25	2,26	2,27	2,28	2,29	2,30	2,31	2,32	2,33	2,34	2,35	2,36	2,37	2,38	2,39
Cutting edge length	mm	12	12	12	12	12	12	12	12	12	12	12	12	14	14	14
Overall length	mm	53	53	53	53	53	53	53	53	53	53	53	53	57	57	57
Indicative Ø drive	mm	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,5	2,5	2,5
8976G	Each	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80
Ø	mm	2,40	2,41	2,42	2,43	2,44	2,45	2,46	2,47	2,48	2,49	2,50	2,51	2,52	2,53	2,54
Cutting edge length	mm	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Overall length	mm	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Indicative Ø drive	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
8976G	Each	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	27,80	21,50	21,50	21,50	21,50	21,50
Ø	mm	2,55	2,56	2,57	2,58	2,59	2,60	2,61	2,62	2,63	2,64	2,65	2,66	2,67	2,68	2,69
Cutting edge length	mm	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15
Overall length	mm	57	57	57	57	57	57	57	57	57	57	57	61	61	61	61
Indicative Ø drive	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,8	2,8	2,8	2,8
8976G	Each	21,50	21,50	21,50	21,50	21,50	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60
Ø	mm	2,70	2,71	2,72	2,73	2,74	2,75	2,76	2,77	2,78	2,79	2,80	2,81	2,82	2,83	2,84
Cutting edge length	mm	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Overall length	mm	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Indicative Ø drive	mm	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	3	3	3	3
8976G	Each	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60

Prices in EURO . VAT not included

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Ø	mm	2,85	2,86	2,87	2,88	2,89	2,90	2,91	2,92	2,93	2,94	2,95	2,96	2,97	2,98	2,99
Cutting edge length	mm	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Overall length	mm	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Indicative Ø drive	mm	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8976G	Each	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60
Ø	mm	3,00	3,01	3,02	3,03	3,04	3,05	3,06	3,07	3,08	3,09	3,10	3,11	3,12	3,13	3,14
Cutting edge length	mm	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Overall length	mm	61	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Indicative Ø drive	mm	3	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2
8976G	Each	19,30	19,30	19,30	19,30	19,30	19,30	19,30	19,30	19,30	19,30	24,70	24,70	24,70	24,70	24,70
Ø	mm	3,15	3,16	3,17	3,18	3,19	3,20	3,21	3,22	3,23	3,24	3,25	3,26	3,27	3,28	3,29
Cutting edge length	mm	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Overall length	mm	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Indicative Ø drive	mm	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2
8976G	Each	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70
Ø	mm	3,30	3,31	3,32	3,33	3,34	3,35	3,36	3,37	3,38	3,39	3,40	3,41	3,42	3,43	3,44
Cutting edge length	mm	16	16	16	16	16	16	18	18	18	18	18	18	18	18	18
Overall length	mm	65	65	65	65	65	65	70	70	70	70	70	70	70	70	70
Indicative Ø drive	mm	3,2	3,2	3,2	3,2	3,2	3,2	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
8976G	Each	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70
Ø	mm	3,45	3,46	3,47	3,48	3,49	3,50	3,51	3,52	3,53	3,54	3,55	3,56	3,57	3,58	3,59
Cutting edge length	mm	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Overall length	mm	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
Indicative Ø drive	mm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
8976G	Each	24,70	24,70	24,70	24,70	24,70	21,50	21,50	21,50	21,50	21,50	21,50	21,50	21,50	21,50	21,50
Ø	mm	3,60	3,61	3,62	3,63	3,64	3,65	3,66	3,67*	3,68	3,69	3,70	3,71	3,72	3,73	3,74
Cutting edge length	mm	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Overall length	mm	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
Indicative Ø drive	mm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	3,76	3,77	3,78	3,79	3,80	3,81	3,82	3,83	3,84	3,85	3,86	3,87	3,88	3,89	3,90
Cutting edge length	mm	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
Overall length	mm	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
Indicative Ø drive	mm	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10
Ø	mm	3,91	3,92	3,93	3,94	3,95	3,96	3,97	3,98	3,99	4,00	4,01	4,02	4,03	4,04	4,05
Cutting edge length	mm	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
Overall length	mm	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
Indicative Ø drive	mm	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8976G	Each	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10
Ø	mm	4,06	4,07	4,08	4,09	4,10	4,11	4,12	4,13	4,14	4,15	4,16	4,17	4,18	4,19	4,20
Cutting edge length	mm	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
Overall length	mm	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
Indicative Ø drive	mm	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8976G	Each	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10	22,10
Ø	mm	4,21	4,22	4,23	4,24	4,25	4,26	4,27	4,28	4,29*	4,30	4,31	4,32	4,33	4,34	4,35
Cutting edge length	mm	19	19	19	19	19	21	21	21	21	21	21	21	21	21	21
Overall length	mm	75	75	75	75	75	80	80	80	80	80	80	80	80	80	80
Indicative Ø drive	mm	4	4	4	4	4	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
8976G	Each	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60
Ø	mm	4,36	4,37	4,38	4,39*	4,40	4,41	4,42	4,43	4,44	4,45	4,46*	4,47*	4,48	4,49	4,50
Cutting edge length	mm	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
Overall length	mm	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Indicative Ø drive	mm	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
8976G	Each	25,60	25,60	25,60	25,50	25,60	25,60	25,60	25,60	25,60	25,60	25,50	25,50	25,60	25,60	25,60
Ø	mm	4,51	4,52	4,53	4,54	4,55	4,56*	4,57	4,58	4,59	4,60	4,61	4,62	4,63	4,64	4,65
Cutting edge length	mm	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
Overall length	mm	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Indicative Ø drive	mm	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
8976G	Each	25,60	25,60	25,60	25,60	25,60	25,50	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60
Ø	mm	4,66	4,67	4,68	4,69*	4,70	4,71	4,72	4,73	4,74	4,75	4,76	4,77	4,78	4,79	4,80
Cutting edge length	mm	21	21	21	21	21	21	21	21	21	21	23	23	23	23	23
Overall length	mm	80	80	80	80	80	80	80	80	80	80	86	86	86	86	86
Indicative Ø drive	mm	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	5	5	5	5	5
8976G	Each	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	25,60	22,40	22,40	22,40	22,40	22,40
Ø	mm	4,81	4,82	4,83	4,84	4,85	4,86	4,87	4,88	4,89	4,90	4,91	4,92	4,93	4,94	4,95
Cutting edge length	mm	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
Overall length	mm	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
Indicative Ø drive	mm	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8976G	Each	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40
Ø	mm	4,96	4,97	4,98	4,99	5,00	5,01	5,02	5,03	5,04	5,05	5,06	5,07	5,08	5,09	5,11
Cutting edge length	mm	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
Overall length	mm	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
Indicative Ø drive	mm	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8976G	Each	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,40

Prices in EURO . VAT not included

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Ø	mm	5,12	5,13	5,14	5,15	5,16	5,17	5,18	5,19*	5,20	5,21	5,22	5,23	5,24	5,25	5,26
Cutting edge length	mm	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
Overall length	mm	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
Indicative Ø drive	mm	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8976G	Each	22,40	22,40	22,40	22,40	22,40	22,40	22,40	22,50	22,40	24,70	24,70	24,70	24,70	24,70	24,70
Ø	mm	5,27	5,28	5,29*	5,30	5,31	5,32	5,33	5,34	5,35	5,36	5,37	5,38	5,39	5,40	5,41
Cutting edge length	mm	23	23	23	23	26	26	26	26	26	26	26	26	26	26	26
Overall length	mm	86	86	86	86	93	93	93	93	93	93	93	93	93	93	93
Indicative Ø drive	mm	5	5	5	5	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6
8976G	Each	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70
Ø	mm	5,42	5,43	5,44	5,45	5,46	5,47	5,48	5,49	5,50	5,51	5,52	5,53	5,54	5,55	5,56
Cutting edge length	mm	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Overall length	mm	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
Indicative Ø drive	mm	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6
8976G	Each	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70
Ø	mm	5,57	5,58	5,59	5,60	5,61	5,62	5,63	5,64	5,65	5,66	5,67	5,68	5,69	5,70	5,72
Cutting edge length	mm	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Overall length	mm	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
Indicative Ø drive	mm	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6
8976G	Each	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70
Ø	mm	5,73	5,74	5,75	5,76	5,77	5,78	5,79*	5,80	5,81	5,82	5,83	5,84	5,85	5,86	5,87*
Cutting edge length	mm	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Overall length	mm	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
Indicative Ø drive	mm	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6
8976G	Each	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70
Ø	mm	5,88	5,89	5,90	5,91	5,92	5,93	5,94	5,95	5,96	5,97	5,98	5,99	6,00	6,01	6,02
Cutting edge length	mm	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Overall length	mm	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
Indicative Ø drive	mm	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	5,6	6,3	6,3
8976G	Each	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70
Ø	mm	6,03	6,04	6,05	6,06	6,07	6,08	6,09	6,10	6,11	6,12	6,13*	6,14*	6,15	6,16	6,17
Cutting edge length	mm	26	26	26	26	26	26	26	26	26	28	28	28	28	28	28
Overall length	mm	93	93	93	93	93	93	93	93	93	101	101	101	101	101	101
Indicative Ø drive	mm	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3
8976G	Each	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	24,70	27,40	27,10	27,10	27,40	27,40	27,40
Ø	mm	6,18	6,19*	6,20	6,21	6,22	6,23	6,24*	6,25	6,26	6,27	6,28	6,29	6,30	6,31	6,32
Cutting edge length	mm	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
Overall length	mm	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Indicative Ø drive	mm	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	6,33	6,34	6,35	6,36	6,37	6,38	6,39	6,40	6,41	6,42	6,43	6,44	6,45	6,46	6,47
Cutting edge length	mm	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
Overall length	mm	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Indicative Ø drive	mm	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	6,48	6,49	6,50	6,51	6,52	6,53	6,54	6,55	6,56	6,57	6,58	6,59	6,60	6,61	6,62
Cutting edge length	mm	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
Overall length	mm	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Indicative Ø drive	mm	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	6,63	6,64	6,65	6,66	6,67	6,68	6,69	6,70	6,71	6,72	6,73	6,74	6,75	6,76	6,77
Cutting edge length	mm	28	28	28	28	28	28	28	28	31	31	31	31	31	31	31
Overall length	mm	101	101	101	101	101	101	101	101	109	109	109	109	109	109	109
Indicative Ø drive	mm	6,3	6,3	6,3	6,3	6,3	6,3	6,3	6,3	7,1	7,1	7,1	7,1	7,1	7,1	7,1
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	6,78	6,79	6,80	6,81	6,82	6,83	6,84	6,85	6,86	6,87*	6,88	6,89	6,90	6,91	6,92
Cutting edge length	mm	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Overall length	mm	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
Indicative Ø drive	mm	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	6,93	6,94	6,95	6,96	6,97	6,98	6,99	7,00	7,01	7,02	7,03	7,04	7,05	7,06	7,07
Cutting edge length	mm	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Overall length	mm	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
Indicative Ø drive	mm	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	7,08	7,09	7,10	7,11*	7,12	7,13	7,14	7,15	7,16	7,17	7,18	7,19	7,20	7,21	7,22
Cutting edge length	mm	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Overall length	mm	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
Indicative Ø drive	mm	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	7,23	7,24	7,25	7,26	7,27	7,28	7,29	7,30	7,31	7,32	7,33	7,34	7,35	7,36*	7,37*
Cutting edge length	mm	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Overall length	mm	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
Indicative Ø drive	mm	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40



Ø	mm	7,38	7,39*	7,40	7,41	7,42	7,43	7,44	7,46	7,47	7,48	7,49	7,50	7,51	7,52	7,53
Cutting edge length	mm	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Overall length	mm	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
Indicative Ø drive	mm	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	7,1	8	8	8
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	7,55	7,56	7,57*	7,58	7,59*	7,60	7,61*	7,62	7,63	7,64	7,65	7,66*	7,67	7,68	7,69*
Cutting edge length	mm	31	31	31	31	31	31	31	31	33	33	33	33	33	33	33
Overall length	mm	109	109	109	109	109	109	109	109	109	117	117	117	117	117	117
Indicative Ø drive	mm	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	7,70	7,71	7,72	7,73	7,74	7,75	7,76	7,77	7,78	7,79	7,80	7,81*	7,82	7,83	7,84
Cutting edge length	mm	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Overall length	mm	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
Indicative Ø drive	mm	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	7,85	7,86	7,87	7,88	7,89	7,90	7,91	7,92	7,93	7,94	7,95	7,96	7,97	7,98	7,99
Cutting edge length	mm	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Overall length	mm	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
Indicative Ø drive	mm	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	8,00	8,01	8,02	8,03	8,04	8,05	8,06	8,07	8,08	8,09	8,10	8,11	8,12	8,13	8,14
Cutting edge length	mm	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Overall length	mm	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
Indicative Ø drive	mm	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
Ø	mm	8,15	8,16	8,17	8,18	8,19	8,20	8,21	8,22	8,23	8,24	8,25	8,26	8,27	8,28	8,29
Cutting edge length	mm	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Overall length	mm	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
Indicative Ø drive	mm	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8976G	Each	27,40	27,40	27,40	27,40	27,40	27,40	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	8,30	8,31	8,32*	8,33	8,34	8,35	8,36	8,37	8,38	8,39*	8,40	8,41	8,42	8,43	8,44
Cutting edge length	mm	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Overall length	mm	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
Indicative Ø drive	mm	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	8,45	8,46	8,47*	8,48	8,49	8,50	8,51	8,52	8,53*	8,54	8,55	8,56	8,57	8,58	8,59
Cutting edge length	mm	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Overall length	mm	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
Indicative Ø drive	mm	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	8,60	8,61	8,62	8,63*	8,64	8,65	8,66*	8,67	8,68	8,69	8,70	8,71	8,72	8,73	8,74
Cutting edge length	mm	33	33	33	33	36	36	36	36	36	36	36	36	36	36	36
Overall length	mm	117	117	117	117	125	125	125	125	125	125	125	125	125	125	125
Indicative Ø drive	mm	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	8,75	8,76	8,77*	8,78	8,79*	8,80	8,81	8,82*	8,83	8,84*	8,85	8,86*	8,87	8,88*	8,89
Cutting edge length	mm	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Overall length	mm	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
Indicative Ø drive	mm	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	8,90	8,91	8,92	8,93	8,94*	8,95	8,96	8,97	8,98	8,99	9,00	9,01	9,02	9,04	9,05
Cutting edge length	mm	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Overall length	mm	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
Indicative Ø drive	mm	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	9,06	9,07	9,08	9,09	9,10	9,11	9,12	9,13	9,14*	9,15	9,16*	9,17*	9,18	9,19	9,20
Cutting edge length	mm	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Overall length	mm	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
Indicative Ø drive	mm	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	9,21	9,22	9,23	9,24	9,25	9,26	9,27	9,28	9,29*	9,30	9,31*	9,32	9,33*	9,34*	9,35
Cutting edge length	mm	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Overall length	mm	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
Indicative Ø drive	mm	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	9,36	9,37*	9,38*	9,39*	9,40	9,41	9,42	9,43	9,44	9,45	9,46	9,47	9,48	9,49	9,50
Cutting edge length	mm	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Overall length	mm	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
Indicative Ø drive	mm	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	9,51	9,52	9,53	9,54	9,55	9,56	9,57	9,58	9,59	9,60	9,61	9,62	9,63	9,64	9,65
Cutting edge length	mm	36	36	36	36	36	36	36	36	36	36	36	36	36	38	38
Overall length	mm	125	125	125	125	125	125	125	125	125	125	125	125	125	133	133
Indicative Ø drive	mm	10	10	10	10	10	10	10	10	10	9	9	9	9	10	10
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70

Prices in EURO . VAT not included

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Ø	mm	9,66	9,67*	9,68	9,69	9,70	9,71*	9,72	9,73	9,74	9,75	9,76	9,77*	9,78*	9,79*	9,80
Cutting edge length	mm	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Overall length	mm	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
Indicative Ø drive	mm	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	9,81	9,82	9,83	9,84	9,85	9,86	9,87	9,88	9,89	9,90	9,91*	9,92	9,93	9,94	9,95
Cutting edge length	mm	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Overall length	mm	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
Indicative Ø drive	mm	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70	33,70
Ø	mm	9,96	9,97	9,98	9,99	10,00	10,01	10,02								
Cutting edge length	mm	38	38	38	38	38	38	38								
Overall length	mm	133	133	133	133	133	133	133								
Indicative Ø drive	mm	10	10	10	10	10	10	10								
8976G	Each	33,70	33,70	33,70	33,70	33,70	33,70	33,70								

When the stocks will be run out we will provide the same reamers marked Hartner (Art. 88311).
* Sizes running out of stock.

MACHINE REAMERS

Orig. Hartner - Art. 88308

COBALT HSS-E - DIN 208.

Ground, helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting.
Morse taper shank. Tolerance H7.



8978G



HSS-E

Ø	mm	6	7*	8	10	11	12	13*	14	15	16	17	18	19	20	21
Cutting edge length	mm	26	31	33	38	41	44	44	47	50	52	54	56	58	60	62
Overall length	mm	138	150	156	168	175	182	182	189	204	210	214	219	223	228	232
Drive	C.M.	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
8978G	Each	64,30	79,20	67,70	57,30	70,10	63,10	70,10	66,60	81,50	81,50	88,30	92,90	104,00	97,60	109,00
Ø	mm	22	23	24	25	26	27*	28	29*	30	31	32	33*	34	35	36
Cutting edge length	mm	64	66	68	68	70	71	71	73	73	75	77	77	78	78	79
Overall length	mm	237	241	268	268	273	277	277	281	281	285	317	317	321	321	325
Drive	C.M.	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4
8978G	Each	109,00	128,00	129,00	135,00	144,00	168,00	158,00	198,00	163,00	237,00	213,00	308,00	241,00	241,00	262,00
Ø	mm	38*	40	45*	50*											
Cutting edge length	mm	81	81	83	86											
Overall length	mm	329	329	336	344											
Drive	C.M.	4	4	4	4											
8978G	Each	289,00	289,00	423,00	473,00											

* These Ø are Orig. Dürr and while stocks last, the same reamers will be supplied Hartner branded.

COBALT HSS-E - DIN 208.

Ground, helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting.
Morse taper shank. Tolerance H7. Long type.



8979G



HSS-E

Type		14	14L	16	16L	20	20L	25	30
Ø	mm	14	14	16	16	20	20	25	30
Cutting edge length	mm	47	47	52	52	60	60	68	73
Max boring length	mm	179	245	180	270	190	270	220	250
Drive	C.M.	1	1	2	2	2	2	3	3
8979G	Each	122,00	297,00	141,00	425,00	163,00	456,00	461,00	491,00

Orig. Dürr - Art. 314-53

SOLID CARBIDE K 10 tipped cutting edges- DIN 8094.

Ground, helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting. Morse taper shank.



8980G



HARTMETALL

Ø	mm	12	13*	16	18	19	20	22	25
Cutting edge length	mm	44	44	52	56	58	60	64	68
Overall length	mm	182	182	210	219	223	228	237	268
Drive	C.M.	1	1	2	2	2	2	2	3
8980G	Each	167,00	160,00	217,00	223,00	252,00	235,00	289,00	352,00
Ø	mm	28*	30*						
Cutting edge length	mm	71	73						
Overall length	mm	277	281						
Drive	C.M.	3	3						
8980G	Each	440,00	447,00						

* Sizes running out of stock.



8982G *Dürr*



HSS-E

Orig. Dürr - Art. 314-61

COBALT HSS-E - DIN 208.

45° left-hand spiral flute. For right-hand cutting.

For passing-through holes only, frontal chip discharge.

Morse taper shank. Tolerance H7.

Ø	mm	10	11	12	13	16	24	26	28
Cutting edge length	mm	38	41	44	44	52	68	70	71
Overall length	mm	168	175	182	182	210	268	273	277
Drive	C.M.	1	1	1	1	2	3	3	3
8982G	Each	67,10	77,40	69,80	83,00	88,70	148,00	155,00	174,00

Product running out of stock.

MACHINE TAPER REAMERS

8990G *Dürr*



HSS

Orig. Dürr - Art. 391-51

Suitable for reaming nail holes.

HSS - DIN 311.

With 5 ground, helicoidal cutting edges.

25° left-hand spiral flute.

For holes with K11 precision. Morse taper shank.

Ø	mm	6,4*	7,4*	10	11*	12	13	14	15	16	17	18	19
Ø for entrance length	mm	4,5x19	5,2x22	7x30	7,7x33	8,4x39	9,1x39	9,8x42	10,5x45	11,2x48	11,9x51	12,6x58	13,3x58
Cutting edge length	mm	75	80	95	100	105	105	115	125	135	135	145	145
Overall length	mm	151	156	171	176	199	199	209	219	229	251	261	261
Drive	C.M.	1	1	1	1	2	2	2	2	2	3	3	3
8990G	Each	84,90	84,90	125,00	96,60	132,00	133,00	135,00	137,00	140,00	173,00	192,00	214,00
Ø	mm	20	21	22	23*	24	25	28	30				
Ø for entrance length	mm	14x62	14,7x62	15,4x66	16,1x66	16,8x72	17,5x72	19,6x78	21x78				
Cutting edge length	mm	155	155	165	165	180	180	195	195				
Overall length	mm	271	271	281	281	296	296	311	311				
Drive	C.M.	3	3	3	3	3	3	3	3				
8990G	Each	215,00	225,00	243,00	190,00	274,00	278,00	337,00	346,00				

* Sizes running out of stock.

MACHINE SHELL REAMERS

9000G *Dürr*



HSS-E

Orig. Dürr - Art. 314-81

COBALT HSS-E - DIN 219.

Shank hole, taper 1:30 - Right-hand cutting. Tolerance H7.

Helicoidal cutting edges.

Ø	mm	25	26*	28*	30	32	35	36	38	40	42	45	47	50
Cutting edge length	mm	32	32	32	32	36	36	40	40	40	40	45	45	45
Drive bore Ø	mm	13	13	13	13	16	16	19	19	19	19	22	22	22
Overall length	mm	45	45	45	45	50	50	56	56	56	56	63	63	63
9000G	Each	186,00	185,00	193,00	199,00	220,00	241,00	253,00	263,00	243,00	251,00	342,00	342,00	327,00
Ø	mm	52	55	58*	60	65*	70	75	80					
Cutting edge length	mm	50	50	50	50	56	56	63	63					
Drive bore Ø	mm	27	27	27	27	32	32	40	40					
Overall length	mm	71	71	71	71	80	80	90	90					
9000G	Each	442,00	394,00	500,00	450,00	611,00	686,00	917,00	1.050,00					

* Sizes running out of stock.



Orig. Dürr - Art. 314-91

Product description as Art. 9000G
45° helicoidal cutting edges.



9003G



HSS-E

Ø	mm	25	26*	27*	30	32	34*	35	36	38	40	42	45	47
Cutting edge length	mm	32	32	32	32	36	36	36	40	40	40	40	45	45
Drive bore Ø	mm	13	13	13	13	16	16	16	19	19	19	19	22	22
Overall length	mm	45	45	45	45	50	50	50	56	56	56	56	63	63
9003G	Each	210,00	258,00	258,00	214,00	228,00	278,00	245,00	284,00	284,00	286,00	271,00	323,00	373,00
Ø	mm	48*	50	52	55	58*	60	65*	70	75	80			
Cutting edge length	mm	45	45	50	50	50	50	56	56	63	63			
Drive bore Ø	mm	22	22	27	27	27	27	32	32	40	40			
Overall length	mm	63	63	71	71	71	71	80	80	90	90			
9003G	Each	472,00	389,00	487,00	487,00	631,00	505,00	796,00	697,00	943,00	1.080,00			

* Sizes running out of stock.

Orig. Dürr - Art. 289

CONICAL SHANKS FOR REAMERS ART. 9000 G - 9003 G

Manufactured according to DIN 217.

Conical reaming on the shaft 1:30.

Morse taper shank.



9010G



Rated Ø	mm	13	16	19	22	27	32	40
For reamers 9000G e	mm	25-30	32-35	36-42	45-50	52-60	65-70	75-80
Overall length	mm	250	261	298	312	359	376	396
Drive	C.M.	3	3	4	4	5	5	5
9010G	Each	150,00	164,00	196,00	217,00	318,00	388,00	489,00

EXPANDING HAND REAMERS

Prod. SCU

Small expansion model - DIN 859.

HSS. Hand use.

Ground, helicoidal cutting edges.

With drive board and cylindrical shank.



9013



Ø	mm	5	6	7	8	9	10	11	12
Cutting edge length	mm	30	33	38	42	46	50	51	56
Overall length	mm	87	93	107	115	124	133	142	152
Square drive	mm	4	4,5	5,6	6,3	7,1	8	9	10
Expansion	mm	0,1	0,1	0,1	0,1	0,1	0,1	0,15	0,15
9013	Each	62,60	75,10	84,90	95,10	105,00	110,00	125,00	135,00
Ø	mm	13	14	15	16	17	18	19	20
Cutting edge length	mm	56	61	61	67	67	68	68	75
Overall length	mm	152	163	163	177	177	188	188	201
Square drive	mm	10	11,2	11,2	12,5	12,5	14	14	16
Expansion	mm	0,15	0,15	0,15	0,2	0,2	0,2	0,2	0,2
9013	Each	155,00	165,00	180,00	205,00	230,00	240,00	262,00	262,00

HSS

Orig. Dürr - Art. 317-21

Small expansion model - DIN 859.

HSS. Hand use.

Helicoidal cutting edges.

With drive board and cylindrical shank.

The max expansion capacity is equal to 1% of the indicated Ø.



9016G



Ø	mm	6	8	10	12	14	15	16
Cutting edge length	mm	33	42	50	56	61	61	67
Overall length	mm	93	115	133	152	163	163	175
Square drive	mm	4,5	6,3	8	10	11,2	11,2	12,5
9016G	Each	96,80	102,00	119,00	135,00	160,00	166,00	199,00
Ø	mm	18	19	20	22	24	25	30
Cutting edge length	mm	68	68	75	82	85	85	94
Overall length	mm	188	188	201	215	231	231	247
Square drive	mm	14	14	16	18	20	20	22,4
9016G	Each	225,00	228,00	228,00	284,00	314,00	307,00	399,00

HSS



ADJUSTABLE REAMERS

9020



Prod. SCU

With **SHORT** blades, parallel expansion.
Cutting edges in special steel (90 Mn Cr V - AISI 02), ground. Hand use.
With drive board and cylindrical shank.

Expansion	mm	8-9	9-10	10-11	11-12	12-13,5	13,5-15,5	15,5-18	18-21	21-24	24-27,5	27,5-31,5	31,5-37	37-45	45-55	55-65
Cutting edges length	mm	38	40	46	48	50	55	66	66	77	88	88	106	106	130	130
Overall length	mm	110	120	125	130	140	155	170	180	200	225	235	277	290	320	350
Blades	No.	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6
9020	Each	103,00	106,00	106,00	107,00	110,00	118,00	130,00	138,00	155,00	175,00	214,00	268,00	394,00	557,00	703,00

Spare blade for Art. 9020.

Expansion	mm	8-9	9-10	10-11	11-12	12-13,5	13,5-15,5	15,5-18	18-21	21-24	24-27,5	27,5-31,5	31,5-37	37-45	45-55	55-65
O9020	Series	57,40	64,10	65,10	65,10	77,50	79,40	84,10	88,10	90,10	99,50	115,00	137,00	206,00	271,00	311,00

9025



With **SHORT** blades and centring conical bush.
For combined or deep holes.
Cutting edges in special steel (90 Mn Cr V - AISI 02), ground. Hand use.
With drive board and cylindrical shank.

Expansion	mm	45-55
Cutting edges length	mm	130
Overall length	mm	560
Blades	No.	6
9025	Each	687,00

Product running out of stock.

Spare blade for Art. 9025.

Expansion	mm	45-55
O9025	Series	271,00

Product running out of stock.

SETS OF ADJUSTABLE REAMERS

9030



Prod. SCU

Complete assortment of 11 reamers Art. 9020 ranging from 8 to 31.5mm.
In plastic case.

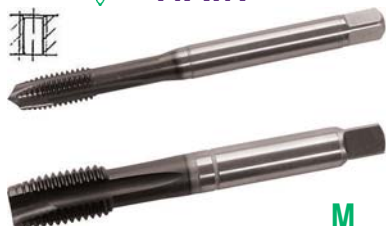
9030	Each	1.560,00
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HIGH EFFICIENCY MACHINE TAPS

9080A



TiAlN HSS-E



Orig. Hartner - Art. 80800

TOP line. In HSS-E steel, particularly treated for superior performance and long life.
Ground and polished after hardening.
Cutting geometry optimized for maximum chip evacuation.

Reinforced shank (from 12mm, reduced shank), correct chamfer for through holes. Thread: Metric - Coarse Pitch M - DIN 13 (DIN 371/376). Tolerance ISO2/6H. Right-hand use. TiAlN coated.
For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid steel up to 1200 N / mm², aluminum, its alloys and long-chipping metals.

Ø	mm	2	2,5	3	3,5	4	5	6	8	10
Pitch	mm	0,4	0,45	0,5	0,6	0,7	0,8	1	1,25	1,5
Overall length	mm	45	50	56	56	63	70	80	90	100
Thread length	mm	8	9	10	12	12	14	16	17	20
Shank Ø	mm	2,8	2,8	3,5	4	4,5	6	6	8	10
Shank square	mm	2,1	2,1	2,7	3	3,4	4,9	4,9	6,2	8
9080A	Each	48,90	47,10	45,70	48,90	46,10	46,10	48,10	56,30	69,20
Ø	mm	12	14	16	18	20	24	27	30	
Pitch	mm	1,75	2	2	2,5	2,5	3	3	3,5	
Overall length	mm	110	110	110	125	140	160	160	180	
Thread length	mm	24	26	26	30	32	36	36	40	
Shank Ø	mm	9	11	12	14	16	18	20	22	
Shank square	mm	7	9	9	11	12	14,5	16	18	
9080A	Each	82,10	126,00	125,00	200,00	185,00	273,00	334,00	329,00	

When the stocks will be run out, the taps will be provided with AlTiZrN coating in golden color instead of TiAlN coating.
For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



Orig. Hartner - Art. 80830

Product description as Art. 9080A

Reinforced shank (from 12mm, reduced shank), with 40° helix for deep blind holes.

Thread: Metric - Coarse Pitch M - DIN 13 (DIN 371/376). Tolerance 6HX. Right-hand use. TiAlN coated. For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid steel up to 1000 N / mm2, aluminum, its alloys and long-chipping metals.

Ø	mm	2	3	4	5	6	8	10
Pitch	mm	0,4	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	45	56	63	70	80	90	100
Thread length	mm	4,5	6	7,5	8,5	11	14	16
Shank Ø	mm	2,8	3,5	4,5	6	6	8	10
Shank square	mm	2,1	2,7	3,4	4,9	4,9	6,2	8
9080B	Each	50,80	48,10	48,90	50,80	51,70	60,10	75,60
Ø	mm	12	14	16	18	20	24	30
Pitch	mm	1,75	2	2	2,5	2,5	3	3,5
Overall length	mm	110	110	110	125	140	160	180
Thread length	mm	18,5	20	20	25	25	30	35
Shank Ø	mm	9	11	12	14	16	18	22
Shank square	mm	7	9	9	11	12	14,5	18
9080B	Each	88,60	136,00	135,00	225,00	201,00	296,00	358,00



When the stocks will be run out, the taps will be provided with AlTiZrN coating in golden color instead of TiAlN coating.
For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

Orig. Hartner - Art. 80750

In HSS-E steel, particularly treated for superior performance and long life.

Ground and polished after hardening.

Cutting geometry optimized for maximum chip evacuation.

Reinforced shank (from 12mm, reduced shank), short chamfer for through and blind holes.

Thread: Metric - Coarse Pitch M - DIN 13 (DIN 371/376). Tolerance 6HX. Right-hand use.

With nitrided surface. For all types of cast iron and its alloys, non-ferrous short chipping metals and aluminum alloys with silicon (> 6%).

Ø	mm	3	3,5	4	5	6	8	10	12
Pitch	mm	0,5	0,6	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	56	63	70	80	90	100	110
Thread length	mm	10	12	12	14	16	17	20	24
Shank Ø	mm	3,5	4	4,5	6	6	8	10	9
Shank square	mm	2,7	3	3,4	4,9	4,9	6,2	8	7
9080E	Each	26,30	29,10	26,70	27,30	27,30	31,40	38,30	47,10
Ø	mm	14	16	18	20	22	24	27	30
Pitch	mm	2	2	2,5	2,5	2,5	3	3	3,5
Overall length	mm	110	110	125	140	140	160	160	180
Thread length	mm	26	26	30	32	32	36	36	40
Shank Ø	mm	11	12	14	16	18	18	20	22
Shank square	mm	9	9	11	12	14,5	14,5	16	18
9080E	Each	72,90	68,20	124,00	116,00	209,00	150,00	251,00	246,00



For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

Orig. Hartner - Art. 80801

TOP line. In HSS-E steel, particularly treated for superior performance and long life.

Ground and polished after hardening.

Cutting geometry optimized for maximum chip evacuation.

Reduced shank, correct chamfer for through holes.

Thread: Metric - Fine Pitch M - DIN 13 (DIN 374). Tolerance ISO2/6H. Right-hand use. TiAlN coated. For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid steel up to 1000 N / mm2, aluminum, its alloys and long-chipping metals.

Ø	mm	3*	4*	5*	6*	8	8	10	10
Pitch	mm	0,35	0,5	0,5	0,5	0,75	0,75	1	1,25
Overall length	mm	56	63	70	80	80	80	90	90
Thread length	mm	7	8	10	13	13	14	17	20
Shank Ø	mm	2,2	2,8	3,5	4,5	4,5	6	7	7
Shank square	mm	-	2,1	2,7	3,4	3,4	4,9	4,9	5,5
9080P	Each	62,80	56,30	58,10	60,10	49,80	60,10	95,20	87,60
Ø	mm	12	12	12	14	16	18	20	24
Pitch	mm	1	1,25	1,5	1,5	1,5	1,5	1,5	2
Overall length	mm	100	100	100	100	100	110	125	140
Thread length	mm	20	20	20	20	22	25	25	28
Shank Ø	mm	9	9	9	11	12	14	16	18
Shank square	mm	7	7	7	9	9	11	12	14,5
9080P	Each	112,00	108,00	107,00	136,00	161,00	182,00	218,00	272,00



When the stocks will be run out, the taps will be provided with AlTiZrN coating in golden color instead of TiAlN coating.
For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

* Sizes running out of stock.



9080R



MF TiAlN HSS-E

Orig. Hartner - Art. 80831

Product description as Art. 9080P

Reduced shank, with 40° helix for deep blind holes.

Thread: Metric - Fine Pitch M - DIN 13 (DIN 374). Tolerance 6HX. Right-hand use. TiAlN coated. For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid steel up to 1000 N / mm², aluminum, its alloys and long-chipping metals.

Ø	mm	6	8	8	10	10	12	12
Pitch	mm	0,75	0,75	1	1	1,25	1	1,25
Overall length	mm	80	80	90	90	100	100	100
Thread length	mm	8	8	11	11	14	11	16
Shank Ø	mm	4,5	6	6	7	7	9	9
Shank square	mm	3,4	4,9	4,9	5,5	5,5	7	7
9080R	Each	53,50	65,50	107,00	95,10	91,30	121,00	118,00
Ø	mm	12	14	16	18	20	24	
Pitch	mm	1,5	1,5	1,5	1,5	1,5	1,5	
Overall length	mm	100	100	100	110	125	140	
Thread length	mm	16	15	15	16	16	16	
Shank Ø	mm	9	11	12	14	16	18	
Shank square	mm	7	9	9	11	12	14,5	
9080R	Each	117,00	147,00	176,00	198,00	236,00	294,00	

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9080T



MF HSS-E

Orig. Hartner - Art. 80751

In HSS-E steel, particularly treated for superior performance and long life.

Ground and polished after hardening.

Cutting geometry optimized for maximum chip evacuation.

Reduced shank, short chamfer for through and blind holes. Thread: Metric - Fine Pitch M - DIN 13 (DIN 374). Tolerance 6HX. Right-hand use. With nitrided surface. For all types of cast iron and its alloys, non-ferrous short chipping metals and aluminum alloys with silicon (> 6%).

Ø	mm	4	5	6	8	8	10	12
Pitch	mm	0,5	0,5	0,75	0,75	1	1	1
Overall length	mm	63	70	80	80	90	90	100
Thread length	mm	8	10	13	14	17	17	20
Shank Ø	mm	2,8	3,5	4,5	6	6	7	9
Shank square	mm	2,1	2,7	3,4	4,9	4,9	5,5	7
9080T	Each	54,40	53,50	53,50	60,10	49,80	48,90	59,10
Ø	mm	12	14	16	18	20	22	24
Pitch	mm	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Overall length	mm	100	100	100	110	125	125	140
Thread length	mm	20	20	22	25	25	25	28
Shank Ø	mm	9	11	12	14	16	18	18
Shank square	mm	7	9	9	11	12	14,5	14,5
9080T	Each	52,60	67,30	78,40	92,20	118,00	119,00	142,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9081A



UNC TiAlN HSS-E

Orig. Hartner - Art. 80802

TOP line. In HSS-E steel, particularly treated for superior performance and long life.

Ground and polished after hardening.

Cutting geometry optimized for maximum chip evacuation.

Reinforced shank (from 7/16 inches, reduced shank), short chamfer for through and blind holes .

Thread: American - UNC pitch - ANSI-B1.1 (DIN 371/376). Tolerance 2B. Right-hand use. TiAlN coated. For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid sttel up to 1000 N / mm², aluminum, its alloys and long-chipping metals.

Thread UNC		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Threads per inch	No.	40	32	32	24	20	18	16
Overall length	mm	56	56	63	70	80	90	100
Thread length	mm	11	12	13	14	16	18	20
Shank Ø	mm	3,5	4	4,5	6	7	8	10
Shank square	mm	2,7	3	3,4	4,9	5,5	6,2	8
9081A	Each	64,50	60,90	58,10	66,40	60,10	76,50	84,90
Thread UNC		7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	No.	14	13	12	11	10	9	8
Overall length	mm	100	110	110	110	125	140	160
Thread length	mm	22	25	30	30	33	35	38
Shank Ø	mm	8	9	11	12	14	18	18
Shank square	mm	6,2	7	9	9	11	14,5	14,5
9081A	Each	107,00	107,00	143,00	133,00	196,00	272,00	307,00

When the stocks will be run out, the taps will be provided with AlTiZrN coating in golden color instead of TiAlN coating.

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



Orig. Hartner - Art. 80832

Product description as Art. 9081A

Reinforced shank (from 7/16 inches, reduced shank), with 40° helix for deep through holes.
Thread: American - UNC pitch - ANSI-B1.1 (DIN 371/376). Tolerance 2B. Right-hand use. TiAlN coated. For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid steel up to 1000 N / mm², aluminum, its alloys and long-chipping metals.

Thread UNC		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Threads per inch	No.	40	32	32	24	20	18	16
Overall length	mm	56	56	63	70	80	90	100
Thread length	mm	7	8	8	11	13	14	16
Shank Ø	mm	3,5	4	4,5	6	7	8	10
Shank square	mm	2,7	3	3,4	4,9	5,5	6,2	8
9081B	Each	65,50	59,10	65,50	66,40	65,50	68,20	76,50
Thread UNC		7/16	1/2	9/16	5/8	3/4	7/8	
Threads per inch	No.	14	13	12	11	10	9	
Overall length	mm	100	110	110	110	125	140	
Thread length	mm	18	20	21	24	25	28	
Shank Ø	mm	8	9	11	12	14	18	
Shank square	mm	6,2	7	9	9	11	14,5	
9081B	Each	103,00	99,60	147,00	141,00	185,00	260,00	



For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

Orig. Hartner - Art. 80752

In HSS-E steel, particularly treated for superior performance and long life.
Ground and polished after hardening.
Cutting geometry optimized for maximum chip evacuation.
Reinforced shank (from 7/16 inches, reduced shank), short chamfer for through and blind holes .
Thread: American - UNC pitch - ANSI-B1.1 (DIN 371/376). Tolerance 2B. Right-hand use. With nitrided surface. For all types of cast iron and its alloys, non-ferrous short chipping metals and aluminum alloys with silicon (> 6%).

Thread UNC		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Threads per inch	No.	40	32	32	24	20	18	16
Overall length	mm	56	56	63	70	80	90	100
Thread length	mm	11	12	13	14	16	18	20
Shank Ø	mm	3,5	4	4,5	6	7	8	10
Shank square	mm	2,7	3	3,4	4,9	5,5	6,2	8
9081E	Each	40,20	33,70	41,10	41,10	35,10	43,40	48,90
Thread UNC		7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	No.	14	13	12	11	10	9	8
Overall length	mm	100	110	110	110	125	140	160
Thread length	mm	22	25	30	30	33	35	38
Shank Ø	mm	8	9	11	12	14	18	18
Shank square	mm	6,2	7	9	9	11	14,5	14,5
9081E	Each	63,70	62,80	121,00	98,70	123,00	152,00	190,00

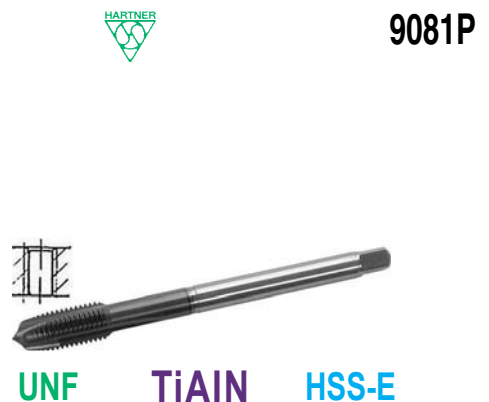


For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

Orig. Hartner - Art. 80803

TOP line. In HSS-E steel, particularly treated for superior performance and long life.
Ground and polished after hardening.
Cutting geometry optimized for maximum chip evacuation.
Reduced shank, correct chamfer for through holes.
Thread: American - UNF Pitch - ANSI-B1.1 (DIN 374). Tolerance 2B. Right-hand use. TiAlN coated. For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid steel up to 1000 N / mm², aluminum, its alloys and long-chipping metals.

Thread UNF		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Threads per inch	No.	48	40	36	32	28	24	24
Overall length	mm	56	56	63	70	80	90	90
Thread length	mm	10	11	12	14	16	18	18
Shank Ø	mm	2,2	2,5	2,8	3,5	4,5	6	7
Shank square	mm	-	2,1	2,1	2,7	3,4	4,9	5,5
9081P	Each	66,40	62,80	66,40	70,10	90,40	72,90	102,00
Thread UNF		7/16	5/8	7/8	1			
Threads per inch	No.	20	18	14	12			
Overall length	mm	90	100	125	140			
Thread length	mm	18	22	25	28			
Shank Ø	mm	8	12	18	18			
Shank square	mm	6,2	9	14,5	14,5			
9081P	Each	110,00	152,00	246,00	356,00			



When the stocks will be run out, the taps will be provided with AlTiZrN coating in golden color instead of TiAlN coating.
For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



9081R



UNF TiAIN HSS-E

Orig. Hartner - Art. 80833

Product description as Art. 9081P

Reduced shank, with 40° helix for deep blind holes.

Thread: American - UNF Pitch - ANSI-B1.1 (DIN 374). Tolerance 2B. Right-hand use. TiAIN coated. For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid steel up to 1000 N / mm², aluminum, its alloys and long-chipping

Thread UNF	mm	Nr. 10	Nr. 12	1/4	5/16	3/8	7/16	1/2
Threads per inch	No.	32	28	28	24	24	20	20
Overall length	mm	70	80	80	90	90	100	100
Thread length	mm	8,5	9	9	11	11	13	13
Shank Ø	mm	3,5	4	4,5	6	7	8	9
Shank square	mm	2,7	3	3,4	4,9	5,5	6,2	7
9081R	Each	83,90	77,50	91,30	91,30	101,00	134,00	141,00
Thread UNF	mm	5/8	7/8	1				
Threads per inch	No.	18	14	12				
Overall length	mm	100	125	140				
Thread length	mm	15	19	22				
Shank Ø	mm	12	18	18				
Shank square	mm	9	14,5	14,5				
9081R	Each	185,00	327,00	460,00				

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9081T



UNF HSS-E

Orig. Hartner - Art. 80753

In HSS-E steel, particularly treated for superior performance and long life.

Ground and polished after hardening.

Cutting geometry optimized for maximum chip evacuation.

Reduced shank, short chamfer for through and blind holes. Thread: American - UNF Pitch - ANSI-B1.1 (DIN 374). Tolerance 2B. Right-hand use. With nitrided surface. For all types of cast iron and its alloys, non-ferrous short chipping metals and aluminum alloys with silicon (> 6%).

Thread UNF		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Threads per inch	No.	48	40	36	32	28	24	24
Overall length	mm	56	56	63	70	80	90	90
Thread length	mm	10	11	12	14	16	18	18
Shank Ø	mm	2,2	2,5	2,8	3,5	4,5	6	7
Shank square	mm	-	2,1	2,1	2,7	3,4	4,9	5,5
9081T	Each	51,70	42,10	39,20	41,50	48,90	49,80	54,40
Thread UNF		7/16	1/2	9/16	3/4	7/8	1	
Threads per inch	No.	20	20	18	16	14	12	
Overall length	mm	100	100	100	110	125	140	
Thread length	mm	22	20	22	25	25	28	
Shank Ø	mm	8	9	11	14	18	18	
Shank square	mm	6,2	7	9	11	14,5	14,5	
9081T	Each	67,30	62,80	105,00	109,00	170,00	227,00	

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9082A



BSP TiAIN HSS-E

Orig. Hartner - Art. 80804

TOP line. In HSS-E steel, particularly treated for superior performance and long life.

Ground and polished after hardening.

Cutting geometry optimized for maximum chip evacuation.

Reduced shank, correct chamfer for through holes.

Thread: cylindrical gas G - BSP - DIN 5156. Right-hand use. TiAIN coated. For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid steel up to 1000 N / mm², aluminum, its alloys and long-chipping metals.

Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1
Threads per inch	No.	28	19	19	14	14	14	14	11
Overall length	mm	90	100	100	125	125	140	150	160
Thread length	mm	18	20	22	25	25	28	28	30
Shank Ø	mm	7	11	12	16	18	20	22	25
Shank square	mm	5,5	9	9	12	14,5	16	18	20
9082A	Each	93,10	125,00	200,00	238,00	286,00	375,00	415,00	471,00

When the stocks will be run out, the taps will be provided with AlTiZrN coating in golden color instead of TiAIN coating.

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



Orig. Hartner - Art. 80834

Product description as Art. 9082A

Reduced shank, with 40° helix for deep blind holes.

Thread: cylindrical gas G - BSP - DIN 5156. Right-hand use. TiAlN coated. For all types of steels, also for hardened non-alloy steel, stainless steel, nitrided steel, non-oxidizable and antacid steel up to 1000 N / mm², aluminum, its alloys and long-chipping metals.

Ø	inch	1/16	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1
Threads per inch	No.	28	28	19	19	14	14	14	14	11
Overall length	mm	90	90	100	100	125	125	140	150	160
Thread length	mm	11	11	14	14	18	18	20	22	24
Shank Ø	mm	6	7	11	12	16	18	20	22	25
Shank square	mm	4,9	5,5	9	9	12	14,5	16	18	20
9082B	Each	118,00	102,00	135,00	218,00	259,00	310,00	408,00	452,00	517,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



9082B



BSP TiAlN HSS-E

Orig. Hartner - Art. 80754

In HSS-E steel, particularly treated for superior performance and long life.

Ground and polished after hardening.

Cutting geometry optimized for maximum chip evacuation.

Reduced shank, short chamfer for through and blind holes. Thread: cylindrical gas G - BSP - DIN 5156. Right-hand use. With nitrided surface. For all types of cast iron and its alloys, non-ferrous short chipping metals and aluminum alloys with silicon (> 6%).

Ø	inch	1/16	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Threads per inch	No.	28	28	19	19	14	14	14	14
Overall length	mm	90	90	100	100	125	125	140	150
Thread length	mm	18	18	20	22	25	25	28	28
Shank Ø	mm	6	7	11	12	16	18	20	22
Shank square	mm	4,9	5,5	9	9	12	14,5	16	18
9082E	Each	81,20	50,80	69,20	85,80	120,00	150,00	190,00	275,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



9082E



BSP HSS-E

Orig. Hartner - Art. 80900

FORMING TAPS with the coolant ejection channels for maximum performance.

Short chamfer, no chip production, for through and blind holes. TiN-coated.

For machining materials with good cold deformation characteristics and at least 10% elongation, for example: non-alloy steel up to 1000 N / mm², steel resistant to oxidation, acids and moisture, aluminum and its long chipping alloys.

Reinforced shank (from 12mm, reduced shank), for through and blind holes.

Thread: Metric - Coarse Pitch M - DIN 13 (DIN 371/376). Tolerance 6HX. Right-hand use.

Ø	mm	3	3,5	4	5	6	8	10
Pitch	mm	0,5	0,6	0,7	0,8	1	1,25	1,5
Overall length	mm	56	56	63	70	80	90	100
Thread length	mm	10	12	12	14	16	17	20
Shank Ø	mm	3,5	4	4,5	6	6	8	10
Shank square	mm	2,7	3	3,4	4,9	4,9	6,2	8
9084A	Each	50,80	58,10	52,60	54,40	59,10	72,90	95,90

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



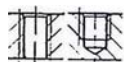
9084A



M TiN HSS-E



9084B



MF TIN HSS-E

Orig. Hartner - Art. 80901

Product description as Art. 9084A

Reduced shank, for through and blind holes. Thread: Metric - Fine pitch MF - DIN 13 (DIN 374). Tolerance 6HX. Right-hand use.

Ø	mm	6	8	8	10	10	12	12
Pitch	mm	0,75	0,75	1	1	1,25	1	1,25
Overall length	mm	80	80	90	90	100	100	100
Thread length	mm	13	14	17	17	20	20	20
Shank Ø	mm	4,5	6	6	7	7	9	9
Shank square	mm	3,4	4,9	4,9	5,5	5,5	7	7
9084B	Each	129,00	144,00	111,00	111,00	144,00	144,00	148,00
Ø	mm	12	14	14	16	16	18	18
Pitch	mm	1,5	1	1,5	1	1,5	1	1,5
Overall length	mm	100	100	100	100	100	110	110
Thread length	mm	20	20	20	22	22	25	25
Shank Ø	mm	9	11	11	12	12	14	14
Shank square	mm	7	9	9	9	9	11	11
9084B	Each	143,00	196,00	178,00	238,00	201,00	286,00	246,00
Ø	mm	20	20	22	24			
Pitch	mm	1	1,5	1,5	1,5			
Overall length	mm	125	125	125	140			
Thread length	mm	25	25	25	28			
Shank Ø	mm	16	16	18	18			
Shank square	mm	12	12	14,5	14,5			
9084B	Each	342,00	279,00	369,00	388,00			

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9084E



UNC TIN HSS-E

Orig. Hartner - Art. 80902

Product description as Art. 9084A

Reinforced shank (from 7/16 inches, reduced shank), for through and blind holes. Thread: American - UNF pitch - ANSI-B1.1 (DIN 371/376). 2BX tolerance. Right-hand use.

Thread UNC		Nr. 4	Nr. 5	Nr. 6	Nr. 8	Nr. 10	Nr. 12	1/4
Threads per inch	No.	40	40	32	32	24	24	20
Overall length	mm	56	56	56	63	70	80	80
Thread length	mm	11	11	12	13	14	16	16
Shank Ø	mm	3,5	3,5	4	4,5	6	6	7
Shank square	mm	2,7	2,7	3	3,4	4,9	4,9	5,5
9084E	Each	63,70	59,10	68,20	76,50	106,00	110,00	91,30
Thread UNC		5/16	3/8	7/16	1/2	9/16	5/8	3/4
Threads per inch	No.	18	16	14	13	12	11	10
Overall length	mm	90	100	100	110	110	110	125
Thread length	mm	18	20	22	25	30	30	33
Shank Ø	mm	8	10	8	9	11	12	14
Shank square	mm	6,2	8	6,2	7	9	9	11
9084E	Each	114,00	130,00	161,00	162,00	275,00	238,00	338,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9084F



UNF TIN HSS-E

Orig. Hartner - Art. 80903

Product description as Art. 9084A

Reinforced shank (from 7/16 inches, reduced shank), for through and blind holes.

Thread: American - UNF pitch - ANSI-B1.1 (DIN 371/376). 2BX tolerance. Right-hand use.

Thread UNF		Nr. 4	Nr. 5	Nr. 6	Nr. 8	Nr. 10	Nr. 12	1/4
Threads per inch	No.	48	44	40	36	32	28	28
Overall length	mm	56	56	56	63	70	80	80
Thread length	mm	10	10	11	12	14	16	16
Shank Ø	mm	3,5	3,5	4	4,5	6	6	7
Shank square	mm	2,7	2,7	3	3,4	4,9	4,9	5,5
9084F	Each	68,20	63,70	70,10	80,20	105,00	124,00	120,00
Thread UNF		5/16	3/8	7/16	1/2	9/16	5/8	3/4
Threads per inch	No.	24	24	20	20	18	18	16
Overall length	mm	90	90	100	100	100	100	110
Thread length	mm	18	18	22	20	22	22	25
Shank Ø	mm	8	10	8	9	11	12	14
Shank square	mm	6,2	8	6,2	7	9	9	11
9084F	Each	133,00	130,00	162,00	185,00	248,00	257,00	296,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



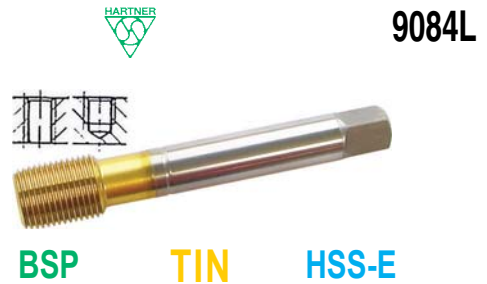
Orig. Hartner - Art. 80904

Product description as Art. 9084A

Reduced shank, for through and blind holes. Thread: cylindrical gas G - BSP - DIN 2189. Right-hand use.

Ø	inch	1/16	1/8	1/4	3/8	1/2	3/4
Threads per inch	No.	28	28	19	19	14	14
Overall length	mm	90	90	100	100	125	140
Thread length	mm	18	18	20	22	25	28
Shank Ø	mm	6	7	11	12	16	20
Shank square	mm	4,9	5,5	9	9	12	16
9084L	Each	109,00	138,00	169,00	236,00	307,00	345,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



MACHINE TAPS WITH DRILL

Orig. Vökel - Art. 370

Tap with drill for quick drilling and tapping in one operation. In HSS-E steel.

For through holes. Right-hand use. M coarse metric thread, according to DIN 13 (DIN 352). Normal chamfer.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	71	80	95	106	115
Tip Ø	mm	2,5	3,3	4,2	5	6,8	8,5	10,2
Shank Ø	mm	3	4	5	6	8	10	12
9088	Each	23,60	23,60	23,60	26,20	29,90	32,80	38,50

The material thickness must not exceed the size of 2 times the diameter (2 x D).



Orig. Vökel - Art. 672

Set including tap, drill bit and countersink (90°) for quick drilling, tapping and countersinking in only one operation.

1/4 - C6.3 hex drive to be used with screwdrivers, drills, etc.

HSS-G for materials with resistance up to 600 N/mm². The thickness of the material must not exceed the diameter (1xD). For through holes. Right-hand use.

ISO Metric Thread - According to DIN 13 (DIN 352).

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	36	39	41	44	50	59
Tip Ø	mm	2,5	3,3	4,2	5	6,8	8,5
9089G	Each	9,30	9,30	9,30	9,30	12,80	15,40



ASSORTMENT OF MACHINE TAPS COMBINED WITH BIT

Orig. Vökel - Art. 67200

Contents:

1 pcs. per size taps Art. 9089 G Ø 3-4-5-6-8-10mm

1 magnetic 1/4 hex shank C 6.3, for screwdrivers, drills, etc. with 1/4 E 6.3 hex drive.

In plastic case.

9089L	Each	66,80
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SHORT TAPS FOR SCREWERS

Orig. Vökel - Art. 670

Short type,

1/4 - C 6.3 hex drive suitable for use with screwdrivers, drills, battery or hand-operated.

HSSG.

Right-hand use.

Metric ISO Thread - According to DIN 13 (DIN 352).

Ø	mm	3	4	5	6	7	8	9	10
Pitch	mm	0,5	0,7	0,8	1	1	1,25	1,25	1,5
Overall length	mm	33	35	36	39	37,5	40	40,5	41
Thread length	mm	11	12	15	18	16	19	18	21
9092	Each	4,94	4,94	6,24	6,24	8,28	8,86	12,80	10,50





9092B



1/4"

MF



HSSG

Orig. Völkel - Art. 677

Product description as Art. 9092

METRIC ISO FINE THREAD - According to DIN 13 (DIN 2181).

Ø	mm	4	5	6	7	8	8	8
Pitch	mm	0,5	0,5	0,75	0,75	0,5	0,75	1
Overall length	mm	35	36	39	37,5	40	40	40
Thread length	mm	12	15	18	16	19	19	19
9092B	Each	6,40	7,26	7,26	9,58	9,58	9,58	9,58
Ø	mm	9	10	10				
Pitch	mm	1	1	1,25				
Overall length	mm	40,5	41	41				
Thread length	mm	18	21	21				
9092B	Each	12,50	12,50	12,50				

Available on request other Ø and pitches (from Ø 3 to 10).

9092E



1/4"

BSP



HSSG

Orig. Völkel - Art. 67870

Product description as Art. 9092

CYLINDRICAL GAS THREAD G (BSP) -According to DIN ISO 228-1 (DIN 5157).

Ø	inch	1/8
Threads per inch	No.	28
Overall length	mm	40,5
Thread length	mm	17
9092E	Each	10,60

HAND TAPS

9092L



M



HSSG

Orig. Völkel - Art. 670

Double-threaded type. Buster on one side and finisher on the other.

Axial hexagonal hole on both sides for use with Allen wrenches or ratched and internal hexagonal sockets. Hexagonal body for use also with open end wrenches.

HSSG.

Right-hand use.

METRIC ISO THREAD - According to DIN 13 (DIN 357).

Ø	mm	11	12	14	16	18	20	22
Pitch	mm	1,5	1,75	2	2	2,5	2,5	2,5
Overall length	mm	70	70	70	70	80	80	80
Thread length	mm	22	22	22	22	24	24	24
Body hexagon	mm	8	8	10	10	13	13	15
Bore hexagon	mm	4	4	4	4	5	6	6
9092L	Each	22,30	22,30	25,30	29,10	32,10	35,20	44,30
Ø	mm	24	27	30	33	36	39	42
Pitch	mm	3	3	3,5	3,5	4	4	4,5
Overall length	mm	90	90	90	100	100	110	110
Thread length	mm	27	27	27	29	29	32	27
Body hexagon	mm	15	19	19	24	24	27	27
Bore hexagon	mm	8	8	10	10	10	12	12
9092L	Each	51,90	81,30	102,00	131,00	157,00	204,00	233,00

9092P



MF



HSSG

Orig. Völkel - Art. 677

Product description as Art. 9092L

METRIC ISO FINE THREAD - According to DIN 13 (DIN 2181).

Ø	mm	12	12	12	14	14	14	16
Pitch	mm	1	1,25	1,5	1	1,25	1,5	1
Overall length	mm	70	70	70	70	70	70	70
Thread length	mm	22	22	22	22	22	22	22
Body hexagon	mm	8	8	8	10	10	10	12
Bore hexagon	mm	4	4	4	4	4	4	4
9092P	Each	24,10	24,10	22,40	35,20	28,10	24,10	39,20
Ø	mm	16	18	18	18	20	22	22
Pitch	mm	1,5	1	1,5	2	1,5	1,5	2
Overall length	mm	70	80	80	80	80	80	80
Thread length	mm	22	24	24	24	24	24	24
Body hexagon	mm	12	13	13	13	15	17	17
Bore hexagon	mm	4	5	5	5	6	6	6
9092P	Each	29,70	42,40	33,60	42,40	41,30	56,60	56,60
Ø	mm	24	24	26	27	30	33	36
Pitch	mm	1,5	2	1,5	2	2	2	3
Overall length	mm	90	90	90	90	90	100	100
Thread length	mm	27	27	27	27	27	29	29
Body hexagon	mm	19	17	19	19	24	24	27
Bore hexagon	mm	8	8	8	8	10	10	10
9092P	Each	58,80	74,10	109,00	128,00	151,00	183,00	194,00



Orig. Völkel - Art. 678

Product description as Art. 9092L

CYLINDRICAL GAS THREAD G (BSP) -According to DIN ISO 228-1 (DIN 5157).

Ø	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
Threads per inch	No.	19	19	14	14	11	11	11	11
Overall length	mm	70	70	80	90	100	110	140	160
Thread length	mm	22	22	24	27	29	27	42	47
Body hexagon	mm	8	12	15	19	24	32	36	41
Bore hexagon	mm	4	4	6	8	10	12	17	19
9092R	Each	19,60	26,20	35,30	53,10	90,10	157,00	207,00	413,00



9092R



BSP

HSSG

HSS-CO 5% STANDARD TAPS

Orig. Völkel - Art. 67020

Contents:

1 pcs. per size, taps Art. 9092 Ø 3-4-5-6-8-10mm

1 pcs. per size, bits Art. 8665 Ø 2.5-3.3-4.2-5-6.8-8.5mm

1 magnetic 1/4 hex shank.

In plastic case.

9093 Each **66,80**



9093



M

HSSG

Orig. Völkel - Art. 48601

The set contains:

No.1 tap for each size Art. 9092 Ø 3-4-5-6-8-10mm

No.1 tap for each size Art. 9092 L Ø 12-14-16-18-20mm

In case.

9093A Each **233,00**



9093A



M

HSSG

Orig. Völkel - Art. 48605

The set contains:

No.1 tap for each size Art. 9092 B Ø x pitch 4x0.5 - 5x0.5 - 6x0.75 - 8x0.75 - 8x1 - 10x1mm

No.1 tap for each size Art. 9092 P Ø x thread 12x1 - 12x1.5 - 14x1.25 - 14x1.5 - 16x1.5 - 18x1.5 - 20x1.5mm

In case.

9093E Each **305,00**



9093E



MF

HSSG

Orig. Völkel - Art. 48608

The set contains:

No.1 tap for each size Art. 9092 E inch 1/8

No.1 tap for each size Art. 9092 R inch 1/4-3/8-1/2-3/4-1

In case.

9093L Each **284,00**



9093L



BSP

HSSG



9093P

VÖLKEL
THREADING SOLUTIONS**Orig. Völkel - Art. 48621**

The set contains:

No.1 tap for each size Art. 9092 Ø 3-4-5-6-8-10mm

No.1 tap for each size Art. 9092 L Ø 12-14-16-18-20mm

No.1 die for each size Art. 9350 G Ø 3-4-5-6-8-10-12-14-16-18-20mm

In case.

9093P

Each 424,00

M

HSSG

9093R

VÖLKEL
THREADING SOLUTIONS**Orig. Völkel - Art. 48622**

The set contains:

No.1 tap for each size Art. 9092 Ø 3-4-5-6-8-10mm

No.1 tap for each size Art. 9092 L Ø 12-14-16-18-20-22-24mm

No.1 die for each size Art. 9350 G Ø 3-4-5-6-8-10-12-14-16-18-20-22-24mm

In case.

9093R

Each 617,00

M

HSSG

9093T

VÖLKEL
THREADING SOLUTIONS**Orig. Völkel - Art. 48625**

The set contains:

No.1 tap for each size Art. 9092 B Ø x pitch 4x0.5 - 5x0.5 - 6x0.75 - 8x0.75 - 8x1 - 10x1mm

No.1 tap for each size Art. 9092 P Ø x thread 12x1 - 12x1.5 - 14x1.25 - 14x1.5 - 16x1.5 - 18x1.5 - 20x1.5mm

No.1 die for each size Art. 9357 G Ø x thread 4x0.5 - 5x0.5 - 6x0.75 - 8x0.75 - 8x1 - 10x1 - 12x1 - 12x1.5 - 14x1.25 - 14x1.5 - 16x1.5 - 18x1.5 - 20x1.5mm

In case.

9093T

Each 596,00

MF

HSSG

9093V

VÖLKEL
THREADING SOLUTIONS**Orig. Völkel - Art. 48628**

The set contains:

No.1 tap Art. 9092 E inch 1/8

No.1 tap for each size Art. 9092 R inch 1/4-3/8-1/2-3/4-1

No.1 die for each size Art. 9368 G inch 1/8-1/4-3/8-1/2-3/4-1

In case.

9093V

Each 530,00

BSP

HSSG



HAND TAPS

Orig. Völkel - Art. 573 - Art. 573-3

COBALT HSS-E

Ground and polished after hardening. RIGHT-HAND USE.

For high-resistance steel, abrasive steel and stainless steel.

ISO METRIC THREAD – According to DIN 13 (DIN 352).

M Coarse Metric – Tolerance ISO2/6H. 3 pcs set.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	40	45	50	50	56	70	75
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	3,5	4,5	6	6	6	7	9
Shank square	mm	2,7	3,4	4,9	4,9	4,9	5,5	7

9095G	Series	18,80	19,20	20,10	20,10	27,50	35,70	44,50
9097G	Finisher	6,24	6,40	6,68	6,68	9,14	11,90	14,80

Ø	mm	14	16	18	20	22	24
Pitch	mm	2	2	2,5	2,5	2,5	3
Overall length	mm	80	80	95	95	100	110
Thread length	mm	30	32	40	40	40	50
Shank Ø	mm	11	12	14	16	18	18
Shank square	mm	9	9	11	12	14,5	14,5

9095G	Series	50,60	65,40	82,80	95,80	116,00	144,00
9097G	Finisher	16,90	21,80	27,60	32,10	38,50	47,90



INOX

9095G
9097G



M

HSS-E

Orig. Völkel - Art. 273 - Art. 273-3

HSSG taps.

Ground and polished after hardening.

RIGHT-HAND USE.

ISO METRIC THREAD – According to DIN 13 (DIN 352).

M Coarse Metric – Tolerance ISO 2/6H. 3 pcs set.

Ø	mm	1	1,1	1,2	1,4	1,6	1,8	2	2,2	2,3	2,5	2,6	3	3,5
Pitch	mm	0,25	0,25	0,25	0,3	0,35	0,35	0,4	0,45	0,4	0,45	0,45	0,5	0,6
Overall length	mm	32	32	32	32	32	32	36	36	36	40	40	40	45
Thread length	mm	5,5	5,5	5,5	7	8	8	8	9	9	9	9	11	13
Shank Ø	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,8	2,8	2,8	2,8	2,8	3,5	4
Shank square	mm	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,7	3

9100G	Series	26,20	26,20	26,20	26,20	26,20	26,20	19,20	19,20	19,20	19,20	19,20	10,10	14,80
9102G	Finisher	8,72	8,72	8,72	8,72	8,72	8,72	6,40	6,40	6,40	6,40	6,40	3,34	4,94

Ø	mm	4	4,5	5	6	7	8	9	10	11	12	14	16	18
Pitch	mm	0,7	0,75	0,8	1	1	1,25	1,25	1,5	1,5	1,75	2	2	2,5
Overall length	mm	45	50	50	50	50	56	63	70	70	75	80	80	95
Thread length	mm	13	16	16	19	19	22	22	24	24	29	30	32	40
Shank Ø	mm	4,5	6	6	6	6	6	7	7	8	9	11	12	14
Shank square	mm	3,4	4,9	4,9	4,9	4,9	4,9	5,5	5,5	6,2	7	9	9	11

9100G	Series	10,10	14,80	10,90	10,90	17,90	14,10	24,10	18,80	30,50	24,40	27,90	34,90	45,80
9102G	Finisher	3,34	4,94	3,64	3,64	5,96	4,64	7,98	6,24	10,20	8,14	9,30	11,70	15,30

Ø	mm	20	22	24	27	30	33	36	42	45	48	52
Pitch	mm	2,5	2,5	3	3	3,5	3,5	4	4,5	4,5	5	5
Overall length	mm	95	100	110	110	125	125	150	150	160	180	180
Thread length	mm	40	40	50	50	56	56	63	63	70	75	75
Shank Ø	mm	16	18	18	20	22	25	28	32	36	36	40
Shank square	mm	12	14,5	14,5	16	18	20	22	24	29	29	32

9100G	Series	52,30	65,40	78,40	122,00	166,00	214,00	257,00	371,00	449,00	636,00	636,00
9102G	Finisher	17,50	21,80	26,20	40,70	55,20	71,20	85,70	124,00	150,00	212,00	212,00



9100G
9102G



M

HSSG



9103G



M USO SINISTRO **HSSG**

Orig. Völkel - Art. 270

Product description as Art. 9100G

LEFT-HAND USE.

ISO METRIC THREAD – According to DIN 13 (DIN 352).

M Coarse Metric – Tolerance ISO 2/6H. 3 pcs set.

Ø	mm	3	4	5	6	8	10	12						
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75						
Overall length	mm	40	45	50	50	56	70	75						
Thread length	mm	11	13	16	19	22	24	29						
Shank Ø	mm	3,5	4,5	6	6	6	7	9						
Shank square	mm	2,7	3,4	4,9	4,9	4,9	5,5	7						
9103G	Series	17,10	17,10	19,60	20,50	23,10	31,80	41,40						
Ø	mm	14	16	18	20	22	24							
Pitch	mm	2	2	2,5	2,5	2,5	3							
Overall length	mm	80	80	95	95	100	110							
Thread length	mm	30	32	40	40	40	50							
Shank Ø	mm	11	12	14	16	18	18							
Shank square	mm	9	9	11	12	14,5	14,5							
9103G	Series	46,20	57,50	74,10	82,80	102,00	127,00							

9105G
9107G



MF **HSSG**

Orig. Völkel

Product description as Art. 9100G

RIGHT-HAND USE.

ISO FINE METRIC THREAD – According to DIN 13 (DIN 2181).

MF Fine Metric – Tolerance ISO 2/6H. 2 pcs set.

Ø	mm	3	3,5	4	4	5	6	6	7	8	8	8	9	10	10
Pitch	mm	0,35	0,35	0,35	0,5	0,5	0,5	0,75	0,75	0,5	0,75	1	1	0,5	0,75
Overall length	mm	40	45	45	45	50	50	50	50	50	56	63	63	63	63
Thread length	mm	9	10	10	10	12	14	14	14	19	19	22	20	20	20
Shank Ø	mm	3,5	4	4,5	4,5	6	6	6	6	6	6	6	7	7	7
Shank square	mm	2,7	3	3,4	3,4	4,9	4,9	4,9	4,9	4,9	4,9	5,5	5,5	5,5	5,5
Supplier code		263	263	263	263	263	263	263	263	263	263	263	263	263	263
9105G	Series	19,50	19,50	19,50	19,50	19,50	19,50	17,50	17,50	17,50	17,50	17,50	19,50	19,50	19,50
9107G	Finisher	9,72	9,72	9,72	9,72	9,72	9,72	8,72	8,72	8,72	8,72	8,72	9,72	9,72	9,72
Ø	mm	10	10	11	12	12	12	14	14	14	15	16	16	18	18
Pitch	mm	1	1,25	1	1	1,25	1,5	1	1,25	1,5	1	1	1,5	1	1,5
Overall length	mm	63	70	63	70	70	70	70	70	70	70	70	70	80	80
Thread length	mm	20	24	20	22	22	22	22	22	22	22	22	22	22	22
Shank Ø	mm	7	7	8	9	9	9	11	11	11	12	12	12	14	14
Shank square	mm	5,5	5,5	6,2	7	7	7	9	9	9	9	9	9	11	11
Supplier code		263	263	263	263	263	263	263	263	263	263	263	263	263	263
9105G	Series	17,50	19,50	25,30	25,30	25,30	23,10	38,70	29,10	25,10	42,70	42,70	30,50	46,80	35,20
9107G	Finisher	8,72	9,72	12,70	12,70	12,70	11,50	19,30	14,60	12,50	21,40	21,40	15,30	23,40	17,60
Ø	mm	18	19	20	20	20	21	22	22	22	23	24	24	24	25
Pitch	mm	2	1	1	1,5	2	1	1	1,5	2	1	1	1,5	2	1
Overall length	mm	80	80	80	80	80	80	80	80	80	80	90	90	90	90
Thread length	mm	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Shank Ø	mm	14	14	16	16	16	16	18	18	18	18	18	18	18	18
Shank square	mm	11	11	12	12	12	12	14,5	14,5	14,5	14,5	14,5	14,5	14,5	14,5
Supplier code		263	263	263	263	263	263	263	263	263	263	263	265	265	265
9105G	Series	46,80	58,70	58,70	42,70	58,70	60,70	60,70	60,70	60,70	81,30	81,30	63,90	81,30	120,00
9107G	Finisher	23,40	29,40	29,40	21,40	29,40	30,40	30,40	30,40	30,40	40,70	40,70	32,10	40,70	59,60
Ø	mm	25	26	26	27	27	27	28	28	30	30	30	32	32	33
Pitch	mm	1,5	1	1,5	1	1,5	2	1	1,5	1	1,5	2	1	1,5	1,5
Overall length	mm	90	90	90	90	90	90	90	90	90	90	90	90	90	100
Thread length	mm	22	22	22	22	22	22	22	22	22	22	22	22	22	25
Shank Ø	mm	18	18	18	20	20	20	20	20	22	22	22	22	22	25
Shank square	mm	14,5	14,5	14,5	16	16	16	16	16	18	18	18	18	18	20
Supplier code		265	263	265	263	265	265	263	265	265	265	265	265	265	265
9105G	Series	120,00	120,00	120,00	120,00	120,00	141,00	141,00	141,00	166,00	166,00	166,00	166,00	166,00	166,00
9107G	Finisher	59,60	59,60	59,60	59,60	59,60	70,40	70,40	70,40	82,80	82,80	82,80	82,80	82,80	82,80
Ø	mm	33	34	34	36	36	36	39	39	39	39	40	40	40	
Pitch	mm	2	1	1,5	1	1,5	2	3	1,5	2	3	1,5	2	3	
Overall length	mm	100	100	100	100	100	125	125	110	125	125	110	125	125	
Thread length	mm	25	25	25	25	25	40	40	25	40	40	25	40	40	
Shank Ø	mm	25	28	28	28	28	28	28	32	32	32	32	32	32	
Shank square	mm	20	22	22	22	22	22	22	24	24	24	24	24	24	
Supplier code		265	265	265	265	265	265	265	265	265	265	265	265	265	
9105G	Series	204,00	204,00	204,00	212,00	212,00	212,00	212,00	265,00	265,00	265,00	265,00	265,00	265,00	265,00
9107G	Finisher	102,00	102,00	102,00	106,00	106,00	106,00	106,00	133,00	133,00	133,00	133,00	133,00	133,00	133,00

13

Prices in EURO . VAT not included



Orig. Völkel - Art. 260

Product description as Art. 9100G

LEFT-HAND USE.

ISO FINE METRIC THREAD – According to DIN 13 (DIN 2181).

MF Fine Metric – Tolerance ISO 2/6H. 2pcs set.

Ø	mm	6	8	8	10	10	12	12
Pitch	mm	0,75	0,75	1	1	1,25	1	1,25
Overall length	mm	50	50	56	63	70	70	70
Thread length	mm	14	19	22	20	24	22	22
Shank Ø	mm	6	6	6	7	7	9	9
Shank square	mm	4,9	4,9	4,9	5,5	5,5	7	7

9110G	Series	25,90	25,90	25,90	25,90	29,10	38,40	38,40
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Ø	mm	12	14	14	16	16	18	20
Pitch	mm	1,5	1,25	1,5	1	1,5	1,5	1,5
Overall length	mm	70	70	70	70	70	80	80
Thread length	mm	22	22	22	22	22	22	22
Shank Ø	mm	9	11	11	12	12	14	16
Shank square	mm	7	9	9	9	9	11	12

9110G	Series	35,20	42,70	38,40	63,90	45,90	53,70	63,90
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Ø	mm	22	24	24	30	30
Pitch	mm	1,5	1,5	2	1,5	2
Overall length	mm	80	90	90	90	90
Thread length	mm	22	22	22	22	22
Shank Ø	mm	18	18	18	22	22
Shank square	mm	14,5	14,5	14,5	18	18

9110G	Series	84,20	92,90	122,00	247,00	247,00
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Hand taps only finisher ISO END to use LEFT available on request.



9110G



MF USO SINISTRO HSSG

Orig. Völkel - Art. 223 - Art. 223-3

Product description as Art. 9100G

RIGHT-HAND USE.

BSW WHITWORTH THREAD – According to BS 84 (DIN 352).

3pcs set.

Ø	inch	1/8	5/32	3/16	7/32	1/4	5/16	3/8
Threads per inch	No.	40	32	24	24	20	18	16
Overall length	mm	40	45	50	50	50	56	70
Thread length	mm	12	14	18	18	19	22	24
Shank Ø	mm	3,5	4,5	6	6	6	6	7
Shank square	mm	2,7	3,4	4,9	4,9	4,9	4,9	5,5

9115G	Series	18,80	18,80	18,30	18,30	18,30	20,50	22,70
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9117G	Finisher	6,24	6,24	6,10	6,10	6,10	6,82	7,56
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Ø	inch	7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	No.	14	12	12	11	10	9	8
Overall length	mm	70	75	80	80	95	100	110
Thread length	mm	24	29	30	32	40	40	50
Shank Ø	mm	8	9	11	12	14	18	18
Shank square	mm	6,2	7	9	9	11	14,5	14,5

9115G	Series	28,80	34,90	45,80	51,40	68,80	91,50	106,00
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9117G	Finisher	9,58	11,70	15,30	17,20	23,10	30,50	35,20
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9115G
9117G



BSW HSSG

Orig. Völkel - Art. 227 - Art. 227-3

Product description as Art. 9100G

RIGHT-HAND USE.

BSF FINE WHITWORTH THREAD – BS 84 standard (DIN 2181).

2pcs set.

Ø	inch	3/16	1/4	5/16	3/8	7/16	1/2	5/8
Threads per inch	No.	32	26	22	20	18	16	14
Overall length	mm	50	50	56	63	63	75	80
Thread length	mm	14	18	22	22	22	24	28
Shank Ø	mm	6	6	6	7	8	9	12
Shank square	mm	4,9	4,9	4,9	5,5	6,2	7	9

9120G	Series	12,20	12,20	13,70	15,10	19,20	23,30	34,30
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9122G	Finisher	6,10	6,10	6,82	7,56	9,58	11,70	16,10
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Ø	inch	3/4	7/8	1
Threads per inch	No.	12	11	10
Overall length	mm	95	100	110
Thread length	mm	32	36	40
Shank Ø	mm	14	18	18
Shank square	mm	11	14,5	14,5

9120G	Series	45,90	61,10	70,30
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9122G	Finisher	23,10	30,50	35,20
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9120G
9122G



BSF HSSG



9125G
9127G



UNC

HSSG

Orig. Völkel - Art. 233 - Art. 233-3

Product description as Art. 9100G

RIGHT-HAND USE.

UNC AMERICAN THREAD according to ANSI-B.1.1 – Tolerance 2 B- (DIN 352).

3pcs set.

		Nr. 1	Nr. 2	Nr. 3	Nr. 4	Nr. 5	Nr. 6	Nr. 8
Thread UNC								
Threads per inch	No.	64	56	48	40	40	32	32
Ø	mm	1,85	2,18	2,52	2,85	3,18	3,5	4,17
Overall length	mm	32	36	36	40	40	45	45
Thread length	mm	10	11	11	12	12	14	14
Shank Ø	mm	2,5	2,8	2,8	3,5	3,5	4	4,5
Shank square	mm	2,1	2,1	2,1	2,7	2,7	3	3,4
9125G	Series	26,20	26,20	26,20	21,80	18,30	18,30	18,30
9127G	Finisher	8,72	8,72	8,72	7,26	6,10	6,10	6,10
Thread UNC								
Threads per inch	No.	24	24	20	18	16	14	13
Ø	mm	4,83	5,49	6,35	7,94	9,52	11,11	12,7
Overall length	mm	50	50	50	56	70	70	75
Thread length	mm	16	18	19	22	24	24	29
Shank Ø	mm	6	6	6	6	7	8	9
Shank square	mm	4,9	4,9	4,9	4,9	5,5	6,2	7
9125G	Series	18,30	18,30	18,30	20,50	22,70	28,80	34,90
9127G	Finisher	6,10	6,10	6,10	6,82	7,56	9,58	11,70
Thread UNC								
Threads per inch	No.	12	11	10	9	8		
Ø	mm	14,29	15,87	19,05	22,23	25,4		
Overall length	mm	80	80	95	100	110		
Thread length	mm	30	32	40	40	50		
Shank Ø	mm	11	12	14	18	18		
Shank square	mm	9	9	11	14,5	14,5		
9125G	Series	45,80	51,40	68,80	91,50	106,00		
9127G	Finisher	15,30	17,20	23,10	30,50	35,20		

9130G
9132G



UNF

HSSG

Orig. Völkel - Art. 243- Art. 243-3

Product description as Art. 9100G

RIGHT-HAND USE.

UNF AMERICAN THREAD according to ANSI-B 1.1 – Tolerance 2 B – (DIN 2181).

2pcs set.

		Nr. 1	Nr. 2	Nr. 3	Nr. 4	Nr. 5	Nr. 6	Nr. 8
Thread UNF								
Threads per inch	No.	72	64	56	48	44	40	36
Ø	mm	1,85	2,18	2,52	2,85	3,18	3,5	4,17
Overall length	mm	32	32	32	36	36	40	40
Thread length	mm	9	10	10	11	11	12	12
Shank Ø	mm	2,8	2,8	2,8	3,5	3,5	4,5	4,5
Shank square	mm	2,1	2,1	2,1	2,7	2,7	3,4	3,4
9130G	Series	17,50	17,50	17,50	14,60	12,20	12,20	12,20
9132G	Finisher	8,72	8,72	8,72	7,26	6,10	6,10	6,10
Thread UNF								
Threads per inch	No.	32	28	28	24	24	20	20
Ø	mm	4,83	5,49	6,35	7,94	9,52	11,11	12,7
Overall length	mm	45	50	50	56	63	63	75
Thread length	mm	14	14	18	22	22	22	22
Shank Ø	mm	6	6	6	6	7	8	9
Shank square	mm	4,9	4,9	4,9	4,9	5,5	6,2	7
9130G	Series	12,20	12,20	12,20	13,70	15,10	19,20	23,30
9132G	Finisher	6,10	6,10	6,10	6,82	7,56	9,58	11,70
Thread UNF								
Threads per inch	No.	18	18	16	14	12		
Ø	mm	14,29	15,87	19,05	22,23	25,4		
Overall length	mm	80	80	95	100	110		
Thread length	mm	28	28	32	36	40		
Shank Ø	mm	11	12	14	18	18		
Shank square	mm	9	9	11	14,5	14,5		
9130G	Series	30,50	34,30	45,90	61,10	70,30		
9132G	Finisher	15,30	17,20	23,10	30,50	35,20		



Orig. Völkel - Art. 253 - Art. 253-2

Product description as Art. 9100G

RIGHT-HAND USE.

CYLINDRICAL GAS THREAD G (BSP) according to DIN ISO 228 -1- (DIN 5157).

2pcs set.

Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Threads per inch	No.	28	19	19	14	14	14	14
Ø	mm	9,73	13,16	16,66	20,96	22,91	26,44	30,20
Overall length	mm	63	70	70	80	80	90	90
Thread length	mm	20	22	22	22	22	22	22
Shank Ø	mm	7	11	12	16	18	20	22
Shank square	mm	5,5	9	9	12	14,5	16	18
9135G	Series	16,10	18,00	26,20	37,20	52,60	52,60	88,60
9137G	Finisher	7,98	9,00	13,10	18,60	26,30	26,30	44,30

Ø	inch	1	1.1/8	1.1/4	1.3/8	1.1/2	1.3/4	2
Threads per inch	No.	11	11	11	11	11	11	11
Ø	mm	33,25	37,90	41,91	44,32	47,80	53,75	59,61
Overall length	mm	100	125	125	140	140	140	160
Thread length	mm	25	40	40	40	40	40	40
Shank Ø	mm	25	28	32	36	36	40	45
Shank square	mm	20	22	24	29	29	32	35
9135G	Series	88,60	154,00	154,00	211,00	211,00	421,00	436,00
9137G	Finisher	44,30	77,10	77,10	106,00	106,00	211,00	218,00



9135G
9137G



BSP

HSSG

Orig. Völkel - Art. 250

Product description as Art. 9100G

LEFT-HAND USE. CYLINDRICAL GAS THREAD G (BSP) -According to DIN ISO 228-1 (DIN 5157). Set: 2 pcs.

Ø	inch	1/8	1/4	3/8	1/2	3/4	1
Threads per inch	No.	28	19	19	14	14	11
Ø	mm	9,73	13,16	16,66	20,96	26,44	33,25
Overall length	mm	63	70	70	80	90	100
Thread length	mm	20	22	22	22	22	25
Shank Ø	mm	7	11	12	16	20	25
Shank square	mm	5,5	9	9	12	16	20
9138G	Series	24,40	27,60	39,80	51,70	79,30	135,00



9138G



BSP

USO SINISTRO

HSSG

MACHINE AND HAND TAPS

Orig. Völkel - Art. 805

HSSG taps.

Ground and polished after hardening.

RIGHT-HAND USE.

ISO METRIC THREAD - According to DIN 13 (ISO 529) M Coarse Metric -Tolerance ISO2 / 6H. For metals up to R 900 N / mm², alloyed and unalloyed steels. Correct chamfer. Through holes.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	48	53	58	66	72	80	89
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	3,15	4	5	6,3	8	10	9
Shank square	mm	2,5	3,15	4	5	6,3	8	7,1
9139GA	Each	5,52	5,52	5,96	6,10	7,98	9,72	13,70

Ø	mm	14	16	18	20
Pitch	mm	2	2	2,5	2,5
Overall length	mm	95	102	110	112
Thread length	mm	30	32	37	37
Shank Ø	mm	11,2	12,5	14	14
Shank square	mm	9	10	11,2	11,2
9139GA	Each	16,10	19,30	27,80	31,20



9139GA
new



M

HSSG



9139GC **VÖLKEL**
new THREADING SOLUTIONS



M

HSSG

Orig. Völkel - Art. 807

Product description as Art. 9139GA

ISO METRIC THREAD - According to DIN 13 (ISO 529) M Coarse Metric -Tolerance ISO2 / 6H. Helicoidal type with approx. 35° flute. For metals up to R 900 N / mm², alloyed and unalloyed steels. Semi-short chamfer. Blind holes.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	48	53	58	66	72	80	89
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	3,15	4	5	6,3	8	10	9
Shank square	mm	2,5	3,15	4	5	6,3	8	7,1
9139GC	Each	7,26	7,26	7,26	7,40	8,86	11,40	14,70

Ø	mm	14	16	18	20
Pitch	mm	2	2	2,5	2,5
Overall length	mm	95	102	110	112
Thread length	mm	30	32	37	37
Shank Ø	mm	11,2	12,5	14	14
Shank square	mm	9	10	11,2	11,2
9139GC	Each	20,90	23,30	34,20	38,70

9140G **VÖLKEL**
THREADING SOLUTIONS



NPT

HSSG

Orig. Völkel - Art. 635

Product description as Art. 9139GA

NPT AMERICAN THREAD. Conicity: 1:16. Short chamfer.

Ø	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
Threads per inch	No.	27	18	18	14	14	11,1/2	11,1/2	11,1/2	11,1/2
Overall length	mm	65	70	75	80	100	110	125	140	160
Thread length	mm	19	25	26	31	33	38	41	42	44
Shank Ø	mm	7	11	12	16	20	25	32	36	36
Shank square	mm	5,5	9	9	12	16	20	24	29	29
9140G	Each	18,90	21,10	29,10	36,30	48,70	76,20	117,00	218,00	269,00

9141G **VÖLKEL**
THREADING SOLUTIONS



BSPT

HSSG

Orig. Völkel - Art. 637 - Art. 975

Product description as Art. 9139GA

RIGHT HAND USE

Ø	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
Threads per inch	No.	28	19	19	14	14	11	11
Overall length	mm	65	70	75	80	100	110	105
Thread length	mm	19	25	26	31	33	38	45
Shank Ø	mm	7	11	12	16	20	25	32
Shank square	mm	5,5	9	9	12	16	20	26
9141G	Each	11,50	13,40	21,10	26,50	38,80	58,50	120,00

The measure 1.1/4 has the right chamfer.

9142G **VÖLKEL**
THREADING SOLUTIONS



PG

HSSG

Orig. Völkel - Art. 657

Product description as Art. 9139GA

PG THREAD DIN 40430 compliant.

Ø	PG	7	9	11	13,5	16	21	29
Threads per inch	No.	20	18	18	18	18	16	16
Overall length	mm	70	70	80	80	80	90	100
Thread length	mm	22	22	22	22	22	22	25
Shank Ø	mm	9	12	14	16	18	22	28
Shank square	mm	7	9	11	12	14,5	18	22
9142G	Each	15,30	20,40	33,60	39,70	48,10	65,60	109,00

MACHINE LONG TAPS

9145G **VÖLKEL**
THREADING SOLUTIONS



M

HSS-E

Orig. Völkel - Art. 371

HSS-E taps.

Ground and polished after hardening.

RIGHT-HAND USE.

ISO METRIC THREAD according to DIN 13 (DIN 357) – M Coarse Metric – Tolerance ISO2/6H. Single tap.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	70	90	100	110	125	140	180
Thread length	mm	22	25	28	32	40	45	50
Shank Ø	mm	2,2	2,8	3,5	4,5	6	7	9
Shank square	mm	-	2,1	2,7	3,4	4,9	5,5	7
9145G	Each	19,90	19,90	21,40	21,40	24,40	32,10	45,10

Ø	mm	14	16	18	20	22	24
Pitch	mm	2	2	2,5	2,5	2,5	3
Overall length	mm	200	200	220	250	280	280
Thread length	mm	56	63	63	70	80	80
Shank Ø	mm	11	12	14	16	18	18
Shank square	mm	9	9	11	12	14,5	14,5
9145G	Each	56,40	68,70	77,70	85,40	103,00	115,00



MACHINE SHORT TAPS

Orig. Völkel - Art. 615

HSS-E taps. Ground and polished after hardening.
RIGHT-HAND USE.

ISO METRIC THREAD according to DIN 13 (DIN 352) - M Coarse Metric - Tolerance ISO 2/6H.

Correct chamfer. For metals R 900 N/mm², for alloyed and unalloyed steels. Through holes.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	40	45	48	50	56	70	75
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	3,5	4,5	6	6	6	7	9
Shank square	mm	2,7	3,4	4,9	4,9	4,9	5,5	7
9150G	Each	5,38	5,38	5,82	6,24	7,40	9,00	13,10



9150G



M

HSS-E

Orig. Völkel - Art. 619

Product description as Art. 9150G

Correct chamfer. ALLZWECK type. Alternate threads for metals up to R 900 N/mm². Through holes.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	40	45	48	50	56	70	75
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	3,5	4,5	6	6	6	7	9
Shank square	mm	2,7	3,4	4,9	4,9	4,9	5,5	7
9151G	Each	8,56	8,56	9,00	9,00	9,72	11,90	15,30



9151G



M

HSS-E

Orig. Völkel - Art. 617

Product description as Art. 9150G

Semi-short chamfer. Helicoidal type with approx. 35° flute. For metals up to R 900 N/mm², for alloyed and unalloyed steels. Blind holes.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	40	45	48	50	56	70	75
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	3,5	4,5	6	6	6	7	9
Shank square	mm	2,7	3,4	4,9	4,9	4,9	5,5	7
9154G	Each	6,82	6,82	7,40	7,70	9,00	10,60	13,80



9154G



M

HSS-E

MACHINE TAPS

Orig. Völkel - Art. 374

REINFORCED SHANK

RIGHT-HAND USE

ISO METRIC THREAD according to DIN 13 (DIN 371) - M Coarse Metric - Tolerance ISO2/6H.

HSS-E. Universal type. Short chamfer, blind and through holes.

Ø	mm	2	2,3	2,5	2,6	3	3,5	4
Pitch	mm	0,4	0,4	0,45	0,45	0,5	0,6	0,7
Overall length	mm	45	45	50	50	56	56	63
Thread length	mm	8	9	9	9	11	13	13
Shank Ø	mm	2,8	2,8	2,8	2,8	3,5	4	4,5
Shank square	mm	2,1	2,1	2,1	2,1	2,7	3	3,4
9162G	Each	10,20	10,20	10,20	10,20	8,14	9,14	8,14



9162G



M

HSS-E

Ø	mm	5	6	7	8	10
Pitch	mm	0,8	1	1	1,25	1,5
Overall length	mm	70	80	80	90	100
Thread length	mm	16	19	19	22	24
Shank Ø	mm	6	6	7	8	10
Shank square	mm	4,9	4,9	5,5	6,2	8
9162G	Each	8,72	8,72	12,10	10,90	13,50

Orig. Völkel - Art. 334

REINFORCED SHANK

LEFT-HAND USE

ISO METRIC THREAD according to DIN 13 (DIN 371) Metric Coarse M - Tolerance ISO2/6H.

HSS-E. Short chamfer. Multi-purpose. For blind and through holes.

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9164G	Each	14,10	14,10	14,70	14,70	17,60	20,10



9164G



M

USO SINISTRO

HSS-E



9170G **VÖLKEL**
THREADING SOLUTIONS

Orig. Völkel - Art. 375

REINFORCED SHANK
RIGHT-HAND USE

ISO METRIC THREAD according to DIN 13 (DIN 371) - M Coarse Metric - Tolerance ISO2/6H.
HSS-E. Correct chamfer. For metals up to R 900 N/mm², for alloyed and unalloyed steels.



M

HSS-E

Ø	mm	1	1,1	1,2	1,4	1,6	1,7	1,8	2
Pitch	mm	0,25	0,25	0,25	0,3	0,35	0,35	0,35	0,4
Overall length	mm	40	40	40	40	40	40	40	45
Thread length	mm	5	5	5	7	8	8	8	8
Shank Ø	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,8
Shank square	mm	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1
9170G	Each	29,10	29,10	29,10	25,40	25,40	25,40	25,40	10,90

Ø	mm	2,5	3	4	5	6	8	10
Pitch	mm	0,45	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	50	56	63	70	80	90	100
Thread length	mm	9	11	13	16	19	22	24
Shank Ø	mm	2,8	3,5	4,5	6	6	8	10
Shank square	mm	2,1	2,7	3,4	4,9	4,9	6,2	8
9170G	Each	10,90	8,56	8,56	9,14	9,14	11,40	14,30

9172G **VÖLKEL**
THREADING SOLUTIONS

Orig. Völkel - Art. 320

Product description as Art. 9170G

HSS-E. Correct chamfer. For metals up to R 900 N/mm², alloyed and unalloyed steels.
Through holes.



M

HSS-E

Type	mm	3	4	4A	4B	5	5A	5B
Ø	mm	3	4	4	4	5	5	5
Pitch	mm	0,5	0,7	0,7	0,7	0,8	0,8	0,8
Overall length	mm	100	100	120	150	100	120	150
Thread length	mm	11	13	13	13	16	16	16
Shank Ø	mm	3,5	4,5	4,5	4,5	6	6	6
Shank square	mm	2,7	3,4	3,4	3,4	4,9	4,9	4,9
9172G	Each	12,20	12,20	13,10	13,70	13,10	14,10	15,10

Type	mm	6	6A	6B	8	8A	8B	10
Ø	mm	6	6	6	8	8	8	10
Pitch	mm	1	1	1	1,25	1,25	1,25	1,5
Overall length	mm	100	120	150	100	120	150	100
Thread length	mm	19	19	19	22	22	22	24
Shank Ø	mm	6	6	6	8	8	8	10
Shank square	mm	4,9	4,9	4,9	6,2	6,2	6,2	8
9172G	Each	13,10	14,10	15,10	15,60	16,40	18,50	16,30

Type	mm	10A	10B	12	12A	12B
Ø	mm	10	10	12	12	12
Pitch	mm	1,5	1,5	1,75	1,75	1,75
Overall length	mm	120	150	100	120	150
Thread length	mm	24	24	29	29	29
Shank Ø	mm	10	10	12	12	12
Shank square	mm	8	8	9	9	9
9172G	Each	18,60	22,50	18,30	21,70	26,50

9174G **VÖLKEL**
THREADING SOLUTIONS

Orig. Völkel - Art. 315 TIN

Product description as Art. 9170G

HSS-E-TIN. Correct chamfer. For metals up to R 900 N/mm², for alloyed and unalloyed steels.
Through holes. TIN coating.



M

TIN

HSS-E

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9174G	Each	13,10	13,10	13,70	14,60	18,20	23,70

9180G **VÖLKEL**
THREADING SOLUTIONS

INOX

Orig. Völkel - Art. 315 VAP

Product description as Art. 9170G

HSS-E. Correct chamfer. For metals up to R 900 N/mm², for alloyed and unalloyed steels, stainless steel. Through holes.
Vaporized.



M

VAP

HSS-E

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9180G	Each	9,44	9,44	10,10	10,10	12,50	15,70



Orig. Vökel - Art. 376

Product description as Art. 9170G

HSS-E. Semi-short chamfer. Helicoidal type with approx. 15° flute, for metals up to R 900 N/mm², for alloyed and unalloyed steels.
Blind holes.

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9186G	Each	12,80	12,80	13,70	13,70	16,90	19,50



9186G



M

HSS-E

Orig. Vökel - Art. 379

Product description as Art. 9170G

HSS-E. Proper chamfer. Allzweck type with alternate threads, for metals up to R 900 N/mm², steel and steel alloys. Through holes.

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9187G	Each	11,90	11,90	12,80	12,80	15,90	18,90



9187G



M

HSS-E

Orig. Vökel - Art. 377

Product description as Art. 9170G

HSS-E. Type with approx. 35° flute, for deep threads with dia. more than 1 1/2. Short chamfer. For metals up to R 900 N/mm², for alloyed and unalloyed steels.
Deep blind holes.

Ø	mm	1	1,1	1,2	1,4	1,6	1,7	1,8	2
Pitch	mm	0,25	0,25	0,25	0,3	0,35	0,35	0,35	0,4
Overall length	mm	40	40	40	40	40	40	40	45
Thread length	mm	4	4	4	5	6	6	6	6
Shank Ø	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,8
Shank square	mm	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1
9188G	Each	32,10	32,10	32,10	29,10	29,10	29,10	29,10	11,90



9188G



M

HSS-E

Ø	mm	2,5	3	4	5	6	8	10
Pitch	mm	0,45	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	50	56	63	70	80	90	100
Thread length	mm	6	6	7	8	10	14	16
Shank Ø	mm	2,8	3,5	4,5	6	6	8	10
Shank square	mm	2,1	2,7	3,4	4,9	4,9	6,2	8
9188G	Each	11,90	10,30	10,30	11,40	11,40	13,70	17,20

Orig. Vökel - Art. 320

Product description as Art. 9170G

HSS-E. Type with helix at approximately 35°, for threads deeper than 1 1/2 the diameter. Short chamfer. For metals up to R 900 N / mm², alloyed and unalloyed steels.
Deep blind holes.

Type long and extra long.

Type		3	4	4A	4B	5	5A	5B
Ø	mm	3	4	4	4	5	5	5
Pitch	mm	0,5	0,7	0,7	0,7	0,8	0,8	0,8
Overall length	mm	100	100	120	150	100	120	150
Thread length	mm	6	7	7	7	8	8	8
Shank Ø	mm	3,5	4,5	4,5	4,5	6	6	6
Shank square	mm	2,7	3,4	3,4	3,4	4,9	4,9	4,9
9190G	Each	14,70	14,70	15,30	15,90	15,90	16,90	18,00



9190G



M

HSS-E

Type		6	6A	6B	8	8A	8B	10
Ø	mm	6	6	6	8	8	8	10
Pitch	mm	1	1	1	1,25	1,25	1,25	1,5
Overall length	mm	100	120	150	100	120	150	100
Thread length	mm	10	10	10	14	14	14	16
Shank Ø	mm	6	6	6	8	8	8	10
Shank square	mm	4,9	4,9	4,9	6,2	6,2	6,2	8
9190G	Each	15,90	16,90	18,00	18,30	19,30	21,40	19,80

Type		10A	10B	12	12A	12B
Ø	mm	10	10	12	12	12
Pitch	mm	1,5	1,5	1,75	1,75	1,75
Overall length	mm	120	150	100	120	150
Thread length	mm	16	16	18	18	18
Shank Ø	mm	10	10	12	12	12
Shank square	mm	8	8	9	9	9
9190G	Each	22,10	25,90	20,10	23,40	28,10



9192G

VÖLKEL
THREADING SOLUTIONS

INOX

Orig. Völkel - Art. 317 VAP

Product description as Art. 9170G

HSS-E. Type with approximately 35° flute for very deep threads with diameter exceeding 1 1/2. Short chamfer. For metals up to R 900 N/mm², steel and steel alloys, stainless steels. Very deep blind holes.

Vaporised.



M

VAP

HSS-E

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	6	7	8	10	14	16
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9192G	Each	11,40	11,40	12,50	12,50	15,10	18,90

9196G

VÖLKEL
THREADING SOLUTIONS

INOX

Orig. Völkel - Art. 317 TIN

Product description as Art. 9170G

HSS-E-TIN. Type with approx. 35° flute, for deep threads with dia. more than 1 1/2. Short chamfer. For metals up to R 900 N/mm², for alloyed and unalloyed steels; high performance. Deep blind holes.

TIN coating.



M

TIN

HSS-E

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	6	7	8	10	14	16
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9196G	Each	14,80	14,80	15,90	16,70	20,50	26,60

9201G

VÖLKEL
THREADING SOLUTIONS

INOX

Orig. Völkel - Art. 356 VAP

REINFORCED SHANK

RIGHT-HAND USE

ISO METRIC THREAD according to DIN 13 (DIN 371)

Metric Coarse M - Tolerance ISO3X/6GX.

HSS-E. Short chamfer. Roll taps with coolant ejection channels, chipless, for aluminium and its alloys, non-ferrous metals, unalloyed and poorly alloyed steel up to R 700 N / mm², stainless steel. Through and blind holes.

Vaporised.



M

VAP

HSS-E

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9201G	Each	17,10	19,20	21,10	21,10	25,40	29,80

9202G

VÖLKEL
THREADING SOLUTIONS

INOX

Orig. Völkel - Art. 356 TIN

Product description as Art. 9201G

HSS-E. Short chamfer, chipless. For aluminium and aluminium alloys, non-ferrous metals, alloy and non-alloy steels up to R 900 N / mm², stainless steel. Roll taps with coolant ejection channels. Through and blind holes.

TIN coating.



M

TIN

HSS-E

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9202G	Each	19,90	22,10	23,70	24,60	29,90	36,50

9203G

VÖLKEL
THREADING SOLUTIONS

INOX

Orig. Völkel - Art. 356-6G

REINFORCED SHANK

RIGHT-HAND USE

ISO METRIC THREAD according to DIN 13 (DIN 371)

Metric Coarse M - Tolerance ISO3X/6GX.

HSS-E. Short chamfer. Roll taps with coolant ejection channels, chipless, for aluminium and its alloys, non-ferrous metals, brass, copper, bronze, zinc. Through and blind holes.



M

HSS-E

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9203G	Each	16,60	18,50	20,10	20,10	24,40	28,30



Orig. Völkel - Art. 384

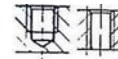
REDUCED SHANK
LEFT-HAND USE

ISO METRIC THREAD according to DIN 13 (DIN 376)- Metric Coarse M - Tolerance ISO2/6H.
HSS-E. Short chamfer. Universal type. Blind and through holes.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	2,2	2,8	3,5	4,5	6	7	9
Shank square	mm	-	2,1	2,7	3,4	4,9	5,5	7
9212G	Each	9,00	9,00	9,44	9,44	11,40	14,30	16,10
Ø	mm	14	16	18	20	22	24	27
Pitch	mm	2	2	2,5	2,5	2,5	3	3
Overall length	mm	110	110	125	140	140	160	160
Thread length	mm	30	32	34	34	34	38	38
Shank Ø	mm	11	12	14	16	18	18	20
Shank square	mm	9	9	11	12	14,5	14,5	16
9212G	Each	21,10	23,30	33,40	46,50	50,80	55,20	87,10
Ø	mm	30	33	36				
Pitch	mm	3,5	3,5	4				
Overall length	mm	180	180	200				
Thread length	mm	45	50	56				
Shank Ø	mm	22	25	28				
Shank square	mm	18	20	22				
9212G	Each	92,90	131,00	212,00				



9212G



M

HSS-E

Orig. Völkel - Art. 344

PASS THROUGH SHANK
LEFT-HAND USE

ISO METRIC THREAD according to DIN 13 (DIN 376)Metric Coarse M - Tolerance ISO2/6H.
HSS-E. Short chamfer. Multi-purpose. Blind and through holes.

Ø	mm	12	14	16	18	20	22	24
Pitch	mm	1,75	2	2	2,5	2,5	2,5	3
Overall length	mm	110	110	110	125	140	140	160
Thread length	mm	29	30	32	34	34	34	38
Shank Ø	mm	9	11	12	14	16	18	18
Shank square	mm	7	9	9	11	12	14,5	14,5
9213G	Each	23,80	35,30	40,10	54,50	77,10	80,30	83,50



9213G



M

USO SINISTRO

HSS-E

Orig. Völkel

THROUGH SHANK
RIGHT-HAND USE

ISO METRIC THREAD according to DIN 13 (DIN 376) - M Coarse Metric - Tolerance ISO2/6H.
HSS-E. Correct chamfer. For metals up to R 900 N/mm², for alloyed and unalloyed steels.

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	2,2	2,8	3,5	4,5	6	7
Shank square	mm	-	2,1	2,7	3,4	4,9	5,5
Supplier code		385	385	385	385	385	385
9218G	Each	9,30	9,30	10,10	10,10	12,40	14,80
Ø	mm	12	14	16	18	20	22
Pitch	mm	1,75	2	2	2,5	2,5	2,5
Overall length	mm	110	110	110	125	140	140
Thread length	mm	29	30	32	34	34	34
Shank Ø	mm	9	11	12	14	16	18
Shank square	mm	7	9	9	11	12	14,5
Supplier code		385	385	385	385	385	385
9218G	Each	17,20	21,80	24,70	34,90	46,50	53,70
Ø	mm	24	27	30	33	36	
Pitch	mm	3	3	3,5	3,5	4	
Overall length	mm	160	160	180	180	200	
Thread length	mm	38	38	45	50	56	
Shank Ø	mm	18	20	22	25	28	
Shank square	mm	14,5	16	18	20	22	
Supplier code		385	385	385	385	385	
9218G	Each	56,60	94,40	97,30	137,00	223,00	



9218G



M

HSS-E



9220G **VÖLKEL**
THREADING SOLUTIONS



M

HSS-E

Orig. Völkel - Art. 389

Product description as Art. 9218G

HSS-E. Short chamfer. Allzweck type with alternate threads, for metals up to R 900 N/mm², for alloyed and unalloyed steels. Through holes.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	2,2	2,8	3,5	4,5	6	7	9
Shank square	mm	-	2,1	2,7	3,4	4,9	5,5	7
9220G	Each	12,80	12,80	13,40	13,40	16,70	20,10	23,30
Ø	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
Overall length	mm	110	110	125	140	140	160	
Thread length	mm	30	32	34	34	34	38	
Shank Ø	mm	11	12	14	16	18	18	
Shank square	mm	9	9	11	12	14,5	14,5	
9220G	Each	31,20	33,40	47,20	62,50	72,60	77,10	

9232G **VÖLKEL**
THREADING SOLUTIONS



M

HSS-E

Orig. Völkel - Art. 386

Product description as Art. 9218G

HSS-E. Semi-short chamfer. Helicoidal type with approx. 15° flute, for metals up to R 900 N/mm², for alloyed and unalloyed steels.

Blind holes.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	2,2	2,8	3,5	4,5	6	7	9
Shank square	mm	1,8	2,1	2,7	3,4	4,9	5,5	7
9232G	Each	12,80	12,80	13,70	13,70	16,90	19,50	23,30
Ø	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
Overall length	mm	110	110	125	140	140	160	
Thread length	mm	30	32	34	34	34	38	
Shank Ø	mm	11	12	14	16	18	18	
Shank square	mm	9	9	11	12	14,5	14,5	
9232G	Each	31,20	33,90	48,70	63,20	72,60	77,10	

9260G **VÖLKEL**
THREADING SOLUTIONS



M

HSS-E

Orig. Völkel - Art. 387

Product description as Art. 9218G

HSS-E. Type with approx. 35° flute for deep threads with dia. more than 1 1/2. Short chamfer. For metals up to R 900 N/mm², for alloyed and unalloyed steels.

Deep blind holes.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	6	7	8	10	14	16	18
Shank Ø	mm	2,2	2,8	3,5	4,5	6	7	9
Shank square	mm	-	2,1	2,7	3,4	4,9	5,5	7
9260G	Each	11,40	11,40	11,90	11,90	14,60	17,50	20,40
Ø	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
Overall length	mm	110	110	125	140	140	160	
Thread length	mm	20	22	25	25	27	30	
Shank Ø	mm	11	12	14	16	18	18	
Shank square	mm	9	9	11	12	14,5	14,5	
9260G	Each	26,20	29,10	42,90	56,60	66,80	69,70	

9269G **VÖLKEL**
THREADING SOLUTIONS



M

TIN

HSS-E

Orig. Völkel - Art. 356 TIN

THROUGH SHANK

RIGHT-HAND USE

ISO METRIC THREAD according to DIN 13 (DIN 376) -

M Coarse Metric - Tolerance ISO2X/6HX.

HSS-E-TIN. Short chamfer, chipless. For aluminium and aluminium alloys, non-ferrous metals, alloy and non-alloy steels up to R 900 N/mm², stainless steel. Roll taps with coolant ejection channels. Through and blind holes.

TIN coating.

Ø	mm	12	14	16
Pitch	mm	1,75	2	2
Overall length	mm	110	110	110
Thread length	mm	29	30	32
Shank Ø	mm	9	11	12
Shank square	mm	7	9	9
9269G	Each	49,10	74,10	87,10

13

Prices in EURO . VAT not included



HIGH EFFICIENCY MACHINE TAPS WITH COLORED RINGS

Orig. Völkel - Art. 353

GREEN collar.
 Stainless SUPER-FAST class HSS-E, especially treated for superior performance.
 Ground and polished after hardening.
 Reinforced shank (12mm, reduced shank), with chamfer suitable for through holes.
 Thread: Coarse Metric M - DIN 13 (DIN 371/376). Right-hand use.
 For steel up to 1000 N/sqmm, cast iron, aluminium, copper brass, and other long-chipping materials.



9271GL

Ø	mm	3	4	5	6	8	10	12	
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75	
Overall length	mm	56	63	70	80	90	100	110	
Thread length	mm	11	13	16	19	22	24	29	
Shank Ø	mm	3,5	4,5	6	6	8	10	9	
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7	
9271GL	Each	13,10	13,10	14,10	14,10	16,30	25,90	32,70	
Ø	mm	14	16	18	20				
Pitch	mm	2	2	2,5	2,5				
Overall length	mm	110	110	125	140				
Thread length	mm	30	32	34	34				
Shank Ø	mm	11	12	14	16				
Shank square	mm	9	9	11	12				
9271GL	Each	33,40	36,30	53,70	75,50				



M

HSS-E

Orig. Völkel - Art. 300

GREEN collar.
 Sintered SUPER-FAST class HSS-E steel, TIN coated, for superior performance.
 Ground and polished after hardening.



9271GM

Reinforced shank (from 12mm, reduced shank), correct chamfer for through holes.
 Thread: Metric - Coarse Pitch M - DIN 13 (DIN 371/376).
 Right-hand use.
 For non- and low-alloy steel up to 1000 N / mm², stainless steel and alloys, aluminum, copper and alloys, and long-chipping materials.

Ø	mm	3	4	5	6	8	10	12	14	16
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75	2	2
Overall length	mm	56	63	70	80	90	100	110	110	110
Thread length	mm	11	13	16	19	22	24	29	30	32
Shank Ø	mm	3,5	4,5	6	6	8	10	9	11	12
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7	9	9
9271GM	Each	26,20	26,20	27,60	30,50	36,30	50,80	75,50	112,00	131,00



M

HSSE-PM-TIN

Orig. Völkel - Art. 363

GREEN collar.
 Stainless SUPER-FAST class HSS-E, especially treated for superior performance.
 Ground and polished after hardening.
 Reinforced shank (12mm, reduced shank), with 35° spiral flute for deep blind holes.
 Thread: Coarse Metric M - DIN 13 (DIN 371/376). Right-hand use.
 For steel up to 1000 N/sqmm, cast iron, aluminium, copper brass, and other long-chipping materials.



9271GP

Ø	mm	3	4	5	6	8	10	12	
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75	
Overall length	mm	56	63	70	80	90	100	110	
Thread length	mm	6	7	8	10	14	16	18	
Shank Ø	mm	3,5	4,5	6	6	8	10	9	
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7	
9271GP	Each	15,60	15,60	17,10	17,10	19,60	29,10	36,30	
Ø	mm	14	16	18	20				
Pitch	mm	2	2	2,5	2,5				
Overall length	mm	110	110	125	140				
Thread length	mm	20	22	25	25				
Shank Ø	mm	11	12	14	16				
Shank square	mm	9	9	11	12				
9271GP	Each	40,70	47,90	64,50	87,10				



M

HSS-E



9271GR **VÖLKEL**
THREADING SOLUTIONS



M

HSSE-PM-TIN

Orig. Völkel - Art. 301

GREEN collar.

Sintered SUPER-FAST class HSS-E steel, TIN coated, for superior performance. Ground and polished after hardening.

Reinforced shank (from 12mm, reduced shank), with 39° helix for deep blind holes.

Thread: Metric - Coarse Pitch M - DIN 13 (DIN 371/376). Right-hand use.

For non- and low-alloy steel up to 1000 N / mm², stainless steel and alloys, aluminum, copper and alloys, and long-chipping materials.

Ø	mm	3	4	5	6	8	10	12	14	16
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75	2	2
Overall length	mm	56	63	70	80	90	100	110	110	110
Thread length	mm	6	7	8	10	14	16	18	20	22
Shank Ø	mm	3,5	4,5	6	6	8	10	9	11	12
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7	9	9
9271GR	Each	29,80	29,80	32,10	35,60	43,60	55,90	77,10	120,00	135,00

9272GL **VÖLKEL**
THREADING SOLUTIONS

INOX



M

VAP

HSS-E

Orig. Völkel - Art. 352

WHITE collar.

Stainless SUPER-FAST class HSS-E, especially treated for superior performance. Vaporized. Ground and polished after hardening.

Reinforced shank (12mm, reduced shank), with chamfer suitable for through holes.

Thread: Coarse Metric M - DIN 13 (DIN 371/376).

Right-hand use.

For all kinds of stainless steel and long chip steel with R up to 1000 N/mm².

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	3,5	4,5	6	6	8	10	9
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7
9272GL	Each	14,10	14,10	15,40	15,40	18,30	25,90	32,70
Ø	mm	14	16	18	20			
Pitch	mm	2	2	2,5	2,5			
Overall length	mm	110	110	125	140			
Thread length	mm	30	32	34	34			
Shank Ø	mm	11	12	14	16			
Shank square	mm	9	9	11	12			
9272GL	Each	37,10	40,10	53,70	75,50			

Taps with similar characteristics for UNC-UNF-G (BSP) threads can be supplied on request.

9272GM **VÖLKEL**
new THREADING SOLUTIONS

INOX

M

VAP

HSS-E



Orig. Völkel - Art. 352

WHITE collar.

Taps art. 9272 GL with corresponding DIN 338 HSS-Co tip, in practical case.

Ø tap	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Tip Ø	mm	2,5	3,3	4,2	5	6,8	8,5	10,2
9272GM	Each	16,60	17,20	18,90	19,60	24,10	34,90	45,80
Ø tap	mm	14	16					
Pitch	mm	2	2					
Tip Ø	mm	12	14					
9272GM	Each	53,70	63,90					

Taps with similar characteristics for UNC-UNF-G (BSP) threads can be supplied on request.



Orig. Völkel - Art. 362

Product description as Art. 9272GL

Reinforced shank (12mm, reduced shank), with 39° spiral flute for deep blind holes.

Thread: Coarse Metric M - DIN 13 (DIN 371/376).

Right-hand use.

For all kinds of stainless steel and long chip steel with R up to 1000 N/mm².

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	6	7	8	10	14	16	18
Shank Ø	mm	3,5	4,5	6	6	8	10	9
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7
9272GP	Each	16,90	16,90	18,50	18,50	22,10	31,10	39,20
Ø	mm	14	16	18	20			
Pitch	mm	2	2	2,5	2,5			
Overall length	mm	110	110	125	140			
Thread length	mm	20	22	25	25			
Shank Ø	mm	11	12	14	16			
Shank square	mm	9	9	11	12			
9272GP	Each	44,50	47,90	64,50	90,60			



INOX 9272GP



M VAP HSS-E

Taps with similar characteristics for UNC-UNF-G (BSP) threads can be supplied on request.

Orig. Völkel - Art. 362

Product description as Art. 9272GM

Taps art. 9272 GP with corresponding DIN 338 HSS-Co tip, in practical case.

Ø tap	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Tip Ø	mm	2,5	3,3	4,2	5	6,8	8,5	10,2
9272GPE	Each	19,30	19,80	21,50	22,30	26,90	37,10	49,40
Ø tap	mm	14	16					
Pitch	mm	2	2					
Tip Ø	mm	12	14					
9272GPE	Each	58,80	70,60					



9272GPE
new



M VAP INOX HSS-E

Taps with similar characteristics for UNC-UNF-G (BSP) threads can be supplied on request.

Orig. Völkel - Art. 354

BLUE collar.

Stainless SUPER-FAST class HSS-E, especially treated for superior performance.

Ground and polished after hardening.

Reinforced shank (12mm, reduced shank), correct chamfer for through holes.

Thread: Coarse Metric M - DIN 13 (DIN 371/376).

Right-hand use.

For all kinds of stainless steel and short chip steel with R up to 1200 N/mm², as well as short chip titanium.

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	3,5	4,5	6	6	8	10	9
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7
9272GR	Each	13,10	13,10	14,10	14,10	16,30	25,90	32,70
Ø	mm	14	16	18	20			
Pitch	mm	2	2	2,5	2,5			
Overall length	mm	110	110	125	140			
Thread length	mm	30	32	34	34			
Shank Ø	mm	11	12	14	16			
Shank square	mm	9	9	11	12			
9272GR	Each	37,10	40,10	53,70	75,50			



INOX 9272GR



M HSS-E

**9272GRE** **INOX**

Product description as Art. 9272GR

Reinforced shank (from 12mm, reduced shank), correct chamfer for through holes.

Thread: Metric - Coarse Pitch M - DIN 13 (DIN 371/376). Right-hand use.

For all types of stainless steels and short-chipping steels with tensile strength up to 1200 N / mm², short chipping titanium.

With TiCN coating.

**M****TiCN****HSS-E**

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	11	13	16	19	22	24	29
Shank Ø	mm	3,5	4,5	6	6	8	10	9
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7
9272GRE	Each	17,50	17,50	18,60	19,50	23,10	35,30	47,10

Ø	mm	14	16	18	20
Pitch	mm	2	2	2,5	2,5
Overall length	mm	110	110	125	140
Thread length	mm	30	32	34	34
Shank Ø	mm	11	12	14	16
Shank square	mm	9	9	11	12
9272GRE	Each	53,10	57,40	76,80	98,60

9272GT **INOX****Orig. Völkkel - Art. 364**

Product description as Art. 9272GR

Reinforced shank (12mm, reduced shank), with 39° spiral flute for deep blind holes.

Thread: Coarse Metric M - DIN 13 (DIN 371/376).

Right-hand use.

For all kinds of stainless steel and short chip steel with R up to 1200 N/mm², as well as short chip titanium.**M****HSS-E**

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	6	7	8	10	14	16	18
Shank Ø	mm	3,5	4,5	6	6	8	10	9
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7
9272GT	Each	15,60	15,60	17,10	17,10	19,60	29,10	37,80

Ø	mm	14	16	18	20
Pitch	mm	2	2	2,5	2,5
Overall length	mm	110	110	125	140
Thread length	mm	20	22	25	25
Shank Ø	mm	11	12	14	16
Shank square	mm	9	9	11	12
9272GT	Each	40,70	45,10	62,50	90,60

9272GTE **INOX**

Product description as Art. 9272GR

Reinforced shank (from 12mm, reduced shank), with 39° helix for deep blind holes.

Thread: Metric - Coarse Pitch M - DIN 13 (DIN 371/376).

Right-hand use. For all types of stainless steels and short-chipping steels with tensile strength up to 1200 N / mm², short chipping titanium.

With TiCN coating.

**M****TiCN****HSS-E**

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	56	63	70	80	90	100	110
Thread length	mm	6	7	8	10	14	16	18
Shank Ø	mm	3,5	4,5	6	6	8	10	9
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7
9272GTE	Each	20,10	20,10	21,50	22,40	26,50	38,50	52,10

Ø	mm	14	16	18	20
Pitch	mm	2	2	2,5	2,5
Overall length	mm	110	110	125	140
Thread length	mm	20	22	25	25
Shank Ø	mm	11	12	14	16
Shank square	mm	9	9	11	12
9272GTE	Each	56,60	62,50	85,50	114,00



Orig. Völkel - Art. 361

Collar RED.
 Stainless SUPER-FAST class HSS-E, especially treated for superior performance.
 Ground and polished after hardening.
 Reinforced shank, short chamber for blind and through holes.
 Thread: Coarse metric thread M - DIN 13 (DIN 371).
 Right-hand use.
 For high-resistance steel with R above 1200 N/mm² and plastics.

Ø	mm	4	5	6	8	10
Pitch	mm	0,7	0,8	1	1,25	1,5
Overall length	mm	63	70	80	90	100
Thread length	mm	9	11	13	15	16
Shank Ø	mm	4,5	6	6	8	10
Shank square	mm	3,4	4,9	4,9	6,2	8
9273GA	Each	16,30	18,00	18,00	20,70	25,90



9273GA



M

HSS-E

Orig. Völkel - Art. 351

BLACK collar.
 HSS-E.
 Ground and polished after hardening.
 Reinforced shank, straight spiral, short chamfer for through and blind holes.
 Nitrided surface.
 M Coarse metric thread - DIN 13 (DIN 371/376). Right-hand use.
 For cast iron, brass, bronze, plastic materials.

Ø	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	56	63	70	80	90	100
Thread length	mm	11	13	16	19	22	24
Shank Ø	mm	3,5	4,5	6	6	8	10
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8
9273GL	Each	14,10	14,10	15,40	15,40	18,00	24,70



9273GL



M

HSS-E

Orig. Völkel - Art. 365

YELLOW collar.
 In High-Speed steel class HSS-E, particularly treated for greater performance.
 Ground and polished after hardening.
 Reinforced shank (12 mm, passing through shank), with a helix at 40 ° for deep blind holes.
 Thread: Metric - Coarse M - DIN 13 (DIN 371/376).
 Use Right.
 For ALUMINIUM, its alloys and long chipping materials.

Ø	mm	3	4	5	6	8	10	12	14	16
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75	2	2
Overall length	mm	56	63	70	80	90	100	110	110	110
Thread length	mm	6	7	8	10	14	16	18	20	22
Shank Ø	mm	3,5	4,5	6	6	8	10	9	11	12
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7	9	9
9273GP	Each	15,60	15,60	17,10	17,10	19,60	29,10	37,80	40,70	45,10



9273GP



M

HSS-E

Orig. Völkel - Art. 357

ORANGE collar.
 In High-Speed steel class HSS-E, particularly treated for greater performance.
 Ground and polished after hardening.
 Reinforced shank (12 mm, passing through shank), with short chamfer for passing through and blind holes.
 Thread: Metric - Coarse M - DIN 13 (DIN 371/376).

Ø	mm	3	4	5	6	8	10	12	14	16
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75	2	2
Overall length	mm	56	63	70	80	90	100	110	110	110
Thread length	mm	11	13	16	19	22	24	29	30	32
Shank Ø	mm	3,5	4,5	6	6	8	10	9	11	12
Shank square	mm	2,7	3,4	4,9	4,9	6,2	8	7	9	9
9273GT	Each	14,10	14,10	15,40	15,40	18,00	24,70	32,10	36,30	39,20



9273GT



M

HSS-E



MACHINE TAPS

9275G

VÖLKE
THREADING SOLUTIONS

Orig. Völkel - Art. 395

REDUCED SHANK.

RIGHT-HAND USE.

ISO FINE METRIC THREAD -

According to DIN 13 (DIN 374) - MF Fine Metric - Tolerance ISO2/6H.

HSS-E. Correct chamfer. Universal type. Through holes.

MF

HSS-E

Ø	mm	3	4	4	5	6	6	7	8	8	10	10	10	11	12	12	12
Pitch	mm	0,35	0,35	0,5	0,5	0,5	0,75	0,75	0,75	1	0,75	1	1,25	1	1	1,25	1,5
Overall length	mm	56	63	63	70	80	80	80	80	90	90	90	100	90	100	100	100
Thread length	mm	9	10	10	12	14	14	14	19	22	20	20	24	20	22	22	22
Shank Ø	mm	2,2	2,8	2,8	3,5	4,5	4,5	5,5	6	6	7	7	7	8	9	9	9
Shank square	mm	-	2,1	2,1	2,7	3,4	3,4	4,3	4,9	4,9	5,5	5,5	5,5	6,2	7	7	7
9275G	Each	17,80	17,80	17,80	17,80	17,80	17,80	17,80	17,80	17,80	20,50	20,50	20,50	28,20	28,20	28,20	28,20
Ø	mm	14	14	14	15	16	16	18	18	20	20	22	22	24	24	24	25
Pitch	mm	1	1,25	1,5	1	1	1,5	1	1,5	1	1,5	1	1,5	1	1,5	2	1,5
Overall length	mm	100	100	100	100	100	100	110	110	125	125	125	125	140	140	140	140
Thread length	mm	22	22	22	22	22	22	25	25	25	25	25	25	28	28	28	28
Shank Ø	mm	11	11	11	12	12	12	14	14	16	16	18	18	18	18	18	18
Shank square	mm	9	9	9	9	9	9	11	11	12	12	14,5	14,5	14,5	14,5	14,5	14,5
9275G	Each	36,30	36,30	36,30	40,10	40,70	40,70	49,40	49,40	55,20	55,20	66,80	66,80	78,40	78,40	78,40	82,80
Ø	mm	26	27	27	28	30	30	30	32	33	34	34	36	36	36	36	36
Pitch	mm	1,5	1,5	2	1,5	1	1,5	2	1,5	1,5	1,5	2	1,5	2	3	3	3
Overall length	mm	140	140	140	140	150	150	150	150	160	170	170	170	170	200	200	200
Thread length	mm	28	28	28	28	28	28	28	28	30	30	30	30	30	56	56	56
Shank Ø	mm	18	20	20	20	22	22	22	22	25	28	28	28	28	28	28	28
Shank square	mm	14,5	16	16	16	18	18	18	18	20	22	22	22	22	22	22	22
9275G	Each	82,80	98,70	98,70	98,70	112,00	112,00	112,00	137,00	137,00	137,00	137,00	172,00	172,00	172,00	172,00	172,00

9276G

VÖLKE
THREADING SOLUTIONS

Orig. Völkel - Art. 348

REDUCED SHANK.

LEFT-HAND USE.

ISO FINE METRIC THREAD -

According to DIN 13 (DIN 374) - MF Fine Metric - Tolerance ISO2/6H.

HSS-E. Correct chamfer. Universal type. Through holes.

MF

USO SINISTRO

HSS-E

Ø	mm	3	4	5	6	8	8	10	10	12	12	12	14	14	14	16	16
Pitch	mm	0,35	0,5	0,5	0,75	0,75	1	1	1,25	1	1,25	1,5	1	1,25	1,5	1	1
Overall length	mm	56	63	70	80	80	90	90	100	100	100	100	100	100	100	100	100
Thread length	mm	9	10	12	14	19	22	20	24	22	22	22	22	22	22	22	22
Shank Ø	mm	2,2	2,8	3,5	4,5	6	6	7	7	9	9	9	11	11	11	12	12
Shank square	mm	-	2,1	2,7	3,4	4,9	4,9	5,5	5,5	7	7	7	9	9	9	9	9
9276G	Each	38,10	38,10	38,10	38,10	38,10	38,10	42,40	42,40	59,30	59,30	59,30	72,10	72,10	72,10	83,50	83,50
Ø	mm	16	18	18	20	20	22	22	24	24	26	27	28	30	32	32	32
Pitch	mm	1,5	1	1,5	1	1,5	1	1,5	1,5	2	1,5	1,5	1,5	1,5	1,5	2	2
Overall length	mm	100	110	110	125	125	125	125	140	140	140	140	140	150	150	150	150
Thread length	mm	22	25	25	25	25	25	25	28	28	28	28	28	28	28	28	28
Shank Ø	mm	12	14	14	16	16	18	18	18	18	18	20	20	22	22	22	22
Shank square	mm	9	11	11	12	12	14,5	14,5	14,5	14,5	14,5	16	16	18	18	18	18
9276G	Each	83,50	101,00	101,00	111,00	111,00	138,00	138,00	160,00	160,00	160,00	202,00	202,00	231,00	285,00	285,00	285,00



Orig. Völkel - Art. 394

REDUCED SHANK.
RIGHT-HAND USE.
ISO FINE METRIC THREAD -
According to DIN 13 (DIN 374) - MF Fine Metric - Tolerance ISO2/6H.
HSS-E. Short chamfer. Universal type. Through and blind holes.



MF HSS-E

Ø	mm	4	5	6	8	8	10	10	12	12	12	14	14	14	16	16	18
Pitch	mm	0,35	0,5	0,75	0,75	1	1	1,25	1	1,25	1,5	1	1,25	1,5	1	1,5	1
Overall length	mm	63	70	80	80	90	90	100	100	100	100	100	100	100	100	100	110
Thread length	mm	10	12	14	19	22	20	24	22	22	22	22	22	22	22	22	25
Shank Ø	mm	2,8	3,5	4,5	6	6	7	7	9	9	9	11	11	11	12	12	14
Shank square	mm	2,1	2,7	3,4	4,9	4,9	5,5	5,5	7	7	7	9	9	9	9	9	11
9277G	Each	15,90	15,90	15,90	15,90	15,90	19,10	19,10	24,70	25,40	24,70	30,70	30,70	30,70	36,30	36,30	43,20
Ø	mm	18	18	20	20	20	22	22	24	24	24	26	27	27	28	30	30
Pitch	mm	1,5	2	1	1,5	2	1	1,5	1	1,5	2	1,5	1,5	2	1,5	1,5	2
Overall length	mm	110	125	125	125	140	125	125	140	140	140	140	140	140	140	150	150
Thread length	mm	25	34	25	25	34	25	25	28	28	28	28	28	28	28	28	28
Shank Ø	mm	14	14	16	16	16	18	18	18	18	18	18	20	20	20	22	22
Shank square	mm	11	11	12	12	12	14,5	14,5	14,5	14,5	14,5	14,5	16	16	16	18	18
9277G	Each	43,20	43,20	46,90	46,90	46,90	59,60	59,60	69,70	69,70	69,70	69,70	87,10	87,10	87,10	101,00	101,00
Ø	mm	32	36	36													
Pitch	mm	1,5	1,5	2													
Overall length	mm	150	170	170													
Thread length	mm	28	30	30													
Shank Ø	mm	22	28	28													
Shank square	mm	18	22	22													
9277G	Each	128,00	160,00	160,00													

Orig. Völkel - Art. 397

Product description as Art. 9277G
HSS-E. Short chamfer. Type with approx. 35° spiral flute for holes with dia. more than 1 1/2.
For metals up to R 900 N/mm², for alloyed and unalloyed steels. Deep blind holes.



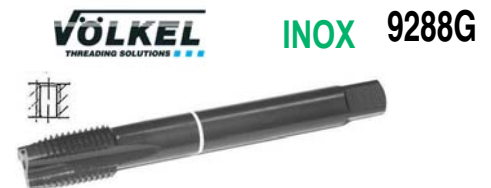
MF HSS-E

Ø	mm	3	4	4	5	6	8	8	10	10	12	12	12	12	14		
Pitch	mm	0,35	0,35	0,5	0,5	0,5	0,75	1	1	1,25	1	1,25	1,5	1	1		
Overall length	mm	56	63	63	70	80	80	90	90	100	100	100	100	100	100		
Thread length	mm	5	5	5	5	5	8	10	10	16	11	15	15	11	11		
Shank Ø	mm	2,2	2,8	2,8	3,5	4,5	6	6	7	7	9	9	9	9	11		
Shank square	mm	-	2,1	2,1	2,7	3,4	4,9	4,9	5,5	5,5	7	7	7	7	9		
9284G	Each	20,10	20,10	20,10	20,10	20,10	20,10	20,10	23,70	23,70	30,50	30,50	30,50	30,50	37,30		
Ø	mm	14	14	16	16	18	20	22	24	24	26	27	30				
Pitch	mm	1,25	1,5	1	1,5	1,5	1,5	1,5	1,5	2	2	2	2				
Overall length	mm	100	100	100	100	110	125	125	140	140	140	140	150				
Thread length	mm	15	15	12	15	17	17	17	20	20	20	20	22				
Shank Ø	mm	11	11	12	12	14	16	18	18	18	18	20	22				
Shank square	mm	9	9	9	9	11	12	14,5	14,5	14,5	14,5	16	18				
9284G	Each	37,30	37,30	43,30	43,30	55,10	61,10	74,10	88,60	88,60	92,90	106,00	122,00				

HIGH EFFICIENCY MACHINE TAPS WITH COLORED RINGS

Orig. Völkel - Art. 359

WHITE collar.
Stainless SUPER-FAST class HSS-E, especially treated for superior performance.
Vaporized. Ground and polished after hardening.
Through shank, proper chamfer for through holes.
Thread: Metric ISO FINE - MF - DIN 13 (DIN 374) compliant.
Right hand use.
For all types of stainless steel and long swarf steels with R up to 1000 N/mm².



MF VAP HSS-E

Ø	mm	5	6	8	8	10	10	12	12	14	16	18	20
Pitch	mm	0,5	0,75	0,75	1	1	1,25	1,25	1,5	1,5	1,5	1,5	1,5
Overall length	mm	70	80	80	90	90	100	100	100	100	100	110	125
Thread length	mm	12	14	19	22	20	24	22	22	22	22	25	25
Shank Ø	mm	3,5	4,5	6	6	7	7	9	9	11	12	14	16
Shank square	mm	2,7	3,4	4,9	4,9	5,5	5,5	7	7	9	9	11	12
9288G	Each	24,10	24,10	24,10	24,10	28,10	28,10	38,40	38,40	47,90	55,20	67,10	74,40



9290G



INOX



Orig. Völkel - Art. 369

Product description as Art. 9288G

Through shank, 39° spiral flute for deep blind holes.

Thread: Metric ISO FINE - MF - DIN 13 (DIN 374) compliant.

Right hand use.

For all types of stainless steel and long swarf steels with R up to 1000 N/mm².

MF

VAP

HSS-E

Ø	mm	5	6	8	8	10	10	12	12	14	16	18	20
Pitch	mm	0,5	0,75	0,75	1	1	1,25	1,25	1,5	1,5	1,5	1,5	1,5
Overall length	mm	70	80	80	90	90	100	100	100	100	100	110	125
Thread length	mm	5	8	8	10	10	16	15	15	15	15	17	17
Shank Ø	mm	3,5	4,5	6	6	7	7	9	9	11	12	14	16
Shank square	mm	2,7	3,4	4,9	4,9	5,5	5,5	7	7	9	9	11	12
9290G	Each	27,20	27,20	27,20	27,20	32,70	32,30	41,60	41,60	51,10	59,10	73,50	81,50

MACHINE TAPS

9292G



BSW

HSS-E

Orig. Völkel - Art. 705

REINFORCED SHANK

RIGHT-HAND USE

BSW WHITWORTH THREAD - According to DIN 11 (DIN 371)

HSS-E. Proper chamfer. Universal type. Through holes.

Ø	inch	1/8	3/16	1/4	5/16	3/8
Threads per inch	No.	40	24	20	18	16
Overall length	mm	56	70	80	90	100
Thread length	mm	11	15	17	20	22
Shank Ø	mm	3,5	6	7	8	9
Shank square	mm	2,7	4,9	5,5	6,2	7
9292G	Each	12,50	12,50	12,50	15,90	17,80

9293G



BSW

HSS-E

Orig. Völkel - Art. 707

Product description as Art. 9292G

HSS-E. Short chamfer. With 35° right-hand spiral flute for metals up to R 900 N/mm², for alloyed and unalloyed steels. Deep blind holes.

Ø	inch	1/8	3/16	1/4	5/16	3/8
Threads per inch	No.	40	24	20	18	16
Overall length	mm	56	70	80	90	100
Thread length	mm	7	10	13	14	16
Shank Ø	mm	3,5	6	7	8	9
Shank square	mm	2,7	4,9	5,5	6,2	7
9293G	Each	15,60	15,60	15,60	19,50	21,40

9298G



BSW

HSS-E

Orig. Völkel - Art. 715

REDUCED SHANK.

RIGHT-HAND USE.

BSW WHITWORTH THREAD - According to DIN 11 (DIN 376)

HSS-E. Proper chamfer. Universal type. Through holes.

Ø	inch	1/2	5/8	3/4	7/8	1
Threads per inch	No.	12	11	10	9	8
Overall length	mm	110	110	125	140	160
Thread length	mm	25	27	30	32	36
Shank Ø	mm	9	12	14	18	20
Shank square	mm	7	9	11	14,5	16
9298G	Each	21,10	32,10	62,50	75,50	85,70

9299G



BSW

HSS-E

Orig. Völkel - Art. 717

Product description as Art. 9298G

HSS-E. Short chamfer. With 35° right-hand spiral flute for metals up to R 900 N/mm², for alloyed and unalloyed steels. Deep blind holes.

Ø	inch	1/2	5/8	3/4	7/8	1
Threads per inch	No.	12	11	10	9	8
Overall length	mm	110	110	125	140	160
Thread length	mm	20	22	25	27	30
Shank Ø	mm	9	12	14	18	20
Shank square	mm	7	9	11	14,5	16
9299G	Each	26,30	38,80	77,30	94,40	106,00



Orig. Völkel

REINFORCED SHANK
RIGHT-HAND USE

UNC AMERICAN THREAD - According to ANSI-B1.1 (DIN 371)

HSS-E. Proper chamfer. Universal type. Through holes.

Thread UNC		Nr. 2	Nr. 4	Nr. 5	Nr. 6	Nr. 8	Nr. 10	Nr. 12
Threads per inch	No.	56	40	40	32	32	24	24
Overall length	mm	45	50	56	56	63	70	70
Thread length	mm	8	10	11	12	13	15	16
Shank Ø	mm	2,8	3,5	3,5	4	4,5	6	6
Shank square	mm	2,1	2,7	2,7	3	3,4	4,9	4,9
9307G	Each	22,70	12,50	12,50	12,50	12,50	12,50	12,50

Thread UNC		1/4	5/16	3/8
Threads per inch	No.	20	18	16
Overall length	mm	80	90	100
Thread length	mm	17	20	22
Shank Ø	mm	7	8	9
Shank square	mm	5,5	6,2	7
9307G	Each	12,50	15,90	17,80

Size Nr. 2 running out of stock.



9307G



UNC

HSS-E

Orig. Völkel - Art. 747

Product description as Art. 9307G

HSS-E. Short chamfer. With 35° right-hand spiral flute for or metals up to R 900 N/mm², for alloyed and unalloyed steels. Blind holes.

Thread UNC		Nr. 6	Nr. 8	Nr. 10	Nr. 12	1/4	5/16	3/8
Threads per inch	No.	32	32	24	24	20	18	16
Overall length	mm	56	63	70	70	80	90	100
Thread length	mm	7	8	10	10	13	14	16
Shank Ø	mm	4	4,5	6	6	7	8	9
Shank square	mm	3	3,4	4,9	4,9	5,5	6,2	7
9309G	Each	15,60	15,60	15,60	15,60	15,60	19,50	21,40



9309G



UNC

HSS-E

Orig. Völkel - Art. 755

REDUCED SHANK.

RIGHT-HAND USE.

UNC AMERICAN THREAD - According to ANSI-B1.1 (DIN 376)

HSS-E. Proper chamfer. Universal type. Through holes.

Thread UNC		7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	No.	14	13	12	11	10	9	8
Overall length	mm	100	110	110	110	125	140	160
Thread length	mm	22	25	26	27	30	32	36
Shank Ø	mm	8	9	11	12	14	18	20
Shank square	mm	6,2	7	9	9	11	14,5	16
9311GC	Each	21,10	21,10	32,10	32,10	62,50	75,50	85,70



9311GC



UNC

HSS-E

Orig. Völkel - Art. 757

Product description as Art. 9311GC

HSS-E. Short chamfer. With 35° right-hand spiral flute for structural steel; for metals up to R 900 N/mm², for alloyed and unalloyed steels. Blind holes.

Thread UNC		7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	No.	14	13	12	11	10	9	8
Overall length	mm	100	110	110	110	125	140	160
Thread length	mm	17	20	20	22	25	27	30
Shank Ø	mm	8	9	11	12	14	18	20
Shank square	mm	6,2	7	9	9	11	14,5	16
9311GD	Each	26,30	26,30	38,80	38,80	77,30	94,40	106,00



9311GD



UNC

HSS-E

Orig. Völkel - Art. 765

REINFORCED SHANK

RIGHT-HAND USE

UNF AMERICAN THREAD- According to ANSI-B1.1 (DIN 371)

HSS-E. Proper chamfer. Universal type. Through holes.

Thread UNF		Nr. 4	Nr. 5	Nr. 6	Nr. 8	Nr. 10	Nr. 12	1/4	5/16	3/8
Threads per inch	No.	48	44	40	36	32	28	28	24	24
Overall length	mm	50	56	56	63	70	70	80	90	100
Thread length	mm	10	11	12	13	15	16	17	17	18
Shank Ø	mm	3,5	3,5	4	4,5	6	6	7	8	9
Shank square	mm	2,7	2,7	3	3,4	4,9	4,9	5,5	6,2	7
9314G	Each	12,50	12,50	12,50	12,50	12,50	12,50	12,50	15,90	17,80



9314G



UNF

HSS-E

**9315G** 

UNF

HSS-E

Orig. Völkel - Art. 767

Product description as Art. 9314G

HSS-E. Short chamfer. With 35° right-hand spiral flute for structural steel; for metals up to R 900 N/mm², for alloyed and unalloyed steels. Deep blind holes.

Thread UNF		1/4	5/16	3/8
Threads per inch	No.	28	24	24
Overall length	mm	80	90	100
Thread length	mm	10	10	10
Shank Ø	mm	7	8	9
Shank square	mm	5,5	6,2	7
9315G	Each	15,60	19,50	21,40

9315GE 

UNF

HSS-E

Orig. Völkel - Art. 775

REDUCED SHANK

RIGHT-HAND USE

UNF AMERICAN THREAD according to ANSI-B1.1 (DIN 376)

HSS-E. Proper chamfer. Universal type. Through holes.

Thread UNF		7/16	1/2	5/8	3/4	1
Threads per inch	No.	20	20	18	16	12
Overall length	mm	100	100	100	110	150
Thread length	mm	22	22	22	25	28
Shank Ø	mm	8	9	12	14	20
Shank square	mm	6,2	7	9	11	16
9315GE	Each	21,10	21,10	32,10	62,50	85,70

9315GP 

UNF

HSS-E

Orig. Völkel - Art. 777

Product description as Art. 9315GE

HSS-E. Short chamfer. With 35° right-hand spiral flute for structural steel; for metals up to R 900 N/mm², for alloyed and unalloyed steels. Blind holes.

Thread UNF		7/16	1/2	5/8	3/4	1
Threads per inch	No.	20	20	18	16	12
Overall length	mm	100	100	100	110	150
Thread length	mm	13	13	15	17	20
Shank Ø	mm	8	9	12	14	20
Shank square	mm	6,2	7	9	11	16
9315GP	Each	26,30	26,30	38,80	77,30	106,00

9320G 

BSP

HSS-E

Orig. Völkel - Art. 785

REDUCED SHANK.

RIGHT-HAND USE.

CYLINDRICAL GAS THREAD G (BSP) - According to DIN ISO 228

HSS-E. Correct chamfer. Universal type. Through holes.

Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Threads per inch	No.	28	19	19	14	14	14	14
Overall length	mm	90	100	100	125	125	140	150
Thread length	mm	20	22	22	25	25	28	28
Shank Ø	mm	7	11	12	16	18	20	22
Shank square	mm	5,5	9	9	12	14,5	16	18
9320G	Each	20,40	25,70	30,50	45,10	52,30	66,80	84,20
Ø	inch	1	1.1/8	1.1/4	1.3/8	1.1/2		
Threads per inch	No.	11	11	11	11	11		
Overall length	mm	160	170	170	180	190		
Thread length	mm	30	30	30	32	32		
Shank Ø	mm	25	28	32	36	36		
Shank square	mm	20	22	24	29	29		
9320G	Each	105,00	154,00	183,00	243,00	263,00		

9321G 

BSP

TIN

HSS-E

Product description as Art. 9320G

HSS-E. Correct chamfer. Universal type. Through holes. TIN coated.

Ø	inch	1/8	1/4	3/8	1/2	3/4	1
Threads per inch	No.	28	19	19	14	14	11
Overall length	mm	90	100	100	125	140	160
Thread length	mm	20	22	22	25	28	30
Shank Ø	mm	7	11	12	16	20	25
Shank square	mm	5,5	9	9	12	16	20
9321G	Each	29,80	41,70	53,60	91,50	130,00	201,00



Orig. Völkkel - Art. 784

Product description as Art. 9320G

HSS-E. Short chamfer. Universal type. Blind holes.

Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4	1
Threads per inch	No.	28	19	19	14	14	14	11
Overall length	mm	90	100	100	125	125	140	160
Thread length	mm	20	22	22	25	25	28	30
Shank Ø	mm	7	11	12	16	18	20	25
Shank square	mm	5,5	9	9	12	14,5	16	20
9322G	Each	19,50	24,10	29,10	42,70	47,90	63,30	91,50

Ø	inch	1.1/8	1.1/4	1.3/8	1.1/2
Threads per inch	No.	11	11	11	11
Overall length	mm	170	170	180	190
Thread length	mm	30	30	32	32
Shank Ø	mm	28	32	36	36
Shank square	mm	22	24	29	29
9322G	Each	128,00	175,00	204,00	241,00



9322G



BSP

HSS-E

Product description as Art. 9320G

HSS-E. Short chamfer. Universal type. Through and blind holes. TIN coated.

Ø	inch	1/8	1/4	3/8	1/2	3/4	1
Threads per inch	No.	28	19	19	14	14	11
Overall length	mm	90	100	100	125	140	160
Thread length	mm	20	22	22	25	28	30
Shank Ø	mm	7	11	12	16	20	25
Shank square	mm	5,5	9	9	12	16	20
9323G	Each	28,90	40,10	52,10	89,20	126,00	188,00



9323G



BSP

TIN

HSS-E

Orig. Völkkel - Art. 787

Product description as Art. 9320G

HSS-E. Short chamfer. Type with approx. 35° spiral flute for metals up to R 900 N/mm², for alloyed and unalloyed steels. Deep blind holes.

Ø	inch	1/8	1/4	3/8	1/2	3/4	7/8	1
Threads per inch	No.	28	19	19	14	14	14	11
Overall length	mm	90	100	100	125	140	150	160
Thread length	mm	20	22	22	25	28	28	30
Shank Ø	mm	7	11	12	16	20	22	25
Shank square	mm	5,5	9	9	12	16	18	20
9324G	Each	22,40	28,30	36,30	50,80	75,50	92,90	117,00

Ø	inch	1.1/4	1.1/2
Threads per inch	No.	11	11
Overall length	mm	170	190
Thread length	mm	30	32
Shank Ø	mm	32	36
Shank square	mm	24	29
9324G	Each	204,00	291,00



9324G



BSP

HSS-E

Product description as Art. 9320G

HSS-E. Short chamfer. Type with approx. 35° spiral flute for metals up to R 900 N/mm², for alloyed and unalloyed steel. Deep blind holes. TIN coated

Ø	inch	1/8	1/4	3/8	1/2	3/4	1
Threads per inch	No.	28	19	19	14	14	11
Overall length	mm	90	100	100	125	140	160
Thread length	mm	20	22	22	25	28	30
Shank Ø	mm	7	11	12	16	20	25
Shank square	mm	5,5	9	9	12	16	20
9325G	Each	31,80	44,30	59,40	97,30	139,00	212,00



9325G



BSP

TIN

HSS-E



ROUND DIES

9350G



M

HSS

Orig. Völkel - Art. 274

Closed type, fully ground according to DIN-EN 22568.

ISO METRIC THREAD, according to DIN 13 – M Coarse Metric -Tolerance 6g

RIGHT-HAND USE.

HSS. Normal chamfer.

For steel with R up to 800 N/mm².

Ø	mm	1	1,1	1,2	1,4	1,6	1,8	2	2,2	2,3	2,5	2,6	3	3,5	4
Pitch	mm	0,25	0,25	0,25	0,3	0,35	0,35	0,4	0,45	0,40	0,45	0,45	0,5	0,6	0,7
Dimensions	mm	16x5	16x5	16x5	16x5	16x5	16x5	16x5	16x5	16x5	16x5	16x5	20x5	20x5	20x5
9350G	Each	16,70	16,70	16,70	16,70	16,70	14,60	14,60	14,60	14,60	14,60	14,60	6,98	10,80	6,98
Ø	mm	4,5	5	6	7	8	9	10	11	12	14	16	18	20	22
Pitch	mm	0,75	0,8	1	1	1,25	1,25	1,5	1,5	1,75	2	2	2,5	2,5	2,5
Dimensions	mm	20x7	20x7	20x7	25x9	25x9	25x9	30x11	30x11	38x14	38x14	45x18	45x18	45x18	55x22
9350G	Each	10,80	7,40	7,40	11,70	7,84	13,30	11,70	16,10	18,90	18,90	29,10	29,10	29,10	56,60
Ø	mm	24	27	30	33	36	42	45	48	52					
Pitch	mm	3	3	3,5	3,5	4	4,5	4,5	5	5					
Dimensions	mm	55x22	65x25	65x25	65x25	65x25	75x30	90x36	90x36	90x36					
9350G	Each	56,60	76,20	76,20	81,30	81,30	133,00	227,00	227,00	227,00					

9353G



M

USO SINISTRO

HSS

Orig. Völkel - Art. 272

Product description as Art. 9350G

ISO METRIC THREAD according to DIN 13-M Coarse Metric- Tolerance 6g

LEFT-HAND USE.

HSS, with chamfer, for steel with R up to 800 N/mm².

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Dimensions	mm	20x5	20x5	20x7	20x7	25x9	30x11	38x14
9353G	Each	12,10	12,10	13,10	13,10	15,10	19,60	27,90
Ø	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
Dimensions	mm	38x14	45x18	45x18	45x18	55x22	55x22	
9353G	Each	32,10	44,30	44,30	44,30	66,80	66,80	

9354G



INOX



M

HSS-E

Orig. Völkel - Art. 574

Product description as Art. 9350G

ISO METRIC THREAD, according to DIN 13 – M Coarse Metric -Tolerance 6g

RIGHT-HAND USE.

HSS. Normal chamfer.

For stainless steel and steel with R up to 1200 N/mm².

Ø	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Dimensions	mm	20x5	20x5	20x7	20x7	25x9	30x11	38x14
9354G	Each	11,80	11,80	12,20	12,20	17,30	24,60	38,80
Ø	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
Dimensions	mm	38x14	45x18	45x18	45x18	55x22	55x22	
9354G	Each	38,80	58,50	58,50	58,50	104,00	104,00	



Orig. Völkel - Art. 264-266

Product description as Art. 9350G
 ISO FINE METRIC THREAD, according to DIN 13 - MF Fine Metric – Tolerance 6g
 RIGHT-HAND USE.
 HSS. Normal chamfer. For steel with R up to 800 N/mm².



9357G

MF



HSS

Ø	mm	3	3,5	4	4	5	6	6	7	8	8	8	9	10	10
Pitch	mm	0,35	0,35	0,35	0,5	0,5	0,5	0,75	0,75	0,5	0,75	1	1	0,5	0,75
Dimensions	mm	20x5	20x5	20x5	20x5	20x5	20x5	20x7	25x9	25x9	25x9	25x9	25x9	30x11	30x11
9357G	Each	16,10	16,10	16,10	16,10	16,10	16,10	13,80	17,50	17,50	14,60	14,60	21,80	21,80	21,80
Ø	mm	10	10	11	12	12	12	14	14	14	15	16	16	18	18
Pitch	mm	1	1,25	1	1	1,25	1,5	1	1,25	1,5	1	1	1,5	1	1,5
Dimensions	mm	30x11	30x11	30x11	38x10	38x10	38x10	38x10	38x10	38x10	38x10	45x14	45x14	45x14	45x14
9357G	Each	16,70	16,70	25,20	21,40	21,40	20,70	28,10	23,60	23,60	38,20	38,20	30,10	35,10	30,10
Ø	mm	18	19	20	20	20	21	22	22	22	23	24	24	24	25
Pitch	mm	2	1	1	1,5	2	1	1	1,5	2	1	1	1,5	2	1
Dimensions	mm	45x14	45x14	45x14	45x14	45x14	45x14	55x16	55x16	55x16	55x16	55x16	55x16	55x16	55x16
9357G	Each	35,90	51,90	35,90	30,10	35,90	54,20	58,10	52,30	58,10	76,10	58,10	52,30	58,10	74,80
Ø	mm	25	26	26	27	27	27	28	28	30	30	30	32	32	33
Pitch	mm	1,5	1	1,5	1	1,5	2	1	1,5	1	1,5	2	1	1,5	1,5
Dimensions	mm	55x16	55x16	55x16	65x18	65x18	65x18	65x18	65x18	65x18	65x18	65x18	65x18	65x18	65x18
9357G	Each	74,80	74,80	74,80	85,40	85,40	85,40	85,40	85,40	85,40	85,40	85,40	121,00	85,40	85,40
Ø	mm	33	34	34	36	36	36	36	39	39	39	40	40	40	
Pitch	mm	2	1	1,5	1	1,5	2	3	1,5	2	3	1,5	2	3	
Dimensions	mm	65x18	65x18	65x18	65x18	65x18	65x18	65x25	75x20	75x20	75x30	75x20	75x20	75x30	
9357G	Each	85,40	121,00	85,40	121,00	85,40	85,40	85,40	138,00	138,00	138,00	138,00	138,00	138,00	138,00

Orig. Völkel - Art. 262

Product description as Art. 9350G
 ISO FINE METRIC THREAD, according to DIN 13 - MF Fine Metric – Tolerance 6g
 LEFT-HAND USE.
 HSS. Normal chamfer. For steel with R up to 800 N/mm².



9358G

MF



USO SINISTRO

HSS

Ø	mm	3	3,5	4	5	6	6	8	8
Pitch	mm	0,35	0,5	0,5	0,5	0,5	0,75	0,75	1
Dimensions	mm	20x5	20x5	20x5	20x5	20x5	20x7	25x9	25x9
9358G	Each	20,40	20,40	20,40	20,40	20,40	20,40	24,40	24,40
Ø	mm	10	10	12	12	12	14	14	14
Pitch	mm	1	1,25	1	1,25	1,5	1	1,25	1,5
Dimensions	mm	30x11	30x11	38x10	38x10	38x10	38x10	38x10	38x10
9358G	Each	30,50	30,50	39,70	39,70	39,70	39,70	39,70	39,70
Ø	mm	16	16	18	20	22	24	24	30
Pitch	mm	1	1,5	1,5	1,5	1,5	1,5	2	2
Dimensions	mm	45x14	45x14	45x14	45x14	55x16	55x16	55x16	65x18
9358G	Each	59,60	59,60	59,60	59,60	94,40	94,40	94,40	150,00

Orig. Völkel - Art. 224

Product description as Art. 9350G
 BSW WHITWORTH THREAD, according to BS 84
 RIGHT HAND USE
 In HSS steel, normal chamfer, for steels with R up to 800 N/mm².



9360G

BSW



HSS

Ø	inch	1/8	5/32	3/16	7/32	1/4	5/16	3/8
Threads per inch	No.	40	32	24	24	20	18	16
Dimensions	mm	20x5	20x5	20x7	20x7	20x7	25x9	30x11
9360G	Each	15,30	15,30	15,30	15,30	15,30	17,50	19,30
Ø	inch	7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	No.	14	12	12	11	10	9	8
Dimensions	mm	30x11	38x14	38x14	45x18	45x18	55x22	55x22
9360G	Each	22,40	25,20	31,10	34,10	34,10	58,10	58,10



9362G



BSF

HSS

Orig. Völkel - Art. 228

Product description as Art. 9350G
BSF FINE WHITWORTH THREAD (BS 84 STANDARD)
RIGHT HAND USE

In HSS steel, normal chamfer, for steels with R up to 800 N/mm².

Ø	inch	3/16	1/4	5/16	3/8	7/16	1/2	5/8
Threads per inch	No.	32	26	22	20	18	16	14
Dimensions	mm	20x7	20x7	25x9	30x11	30x11	38x10	45x14
9362G	Each	15,30	15,30	17,50	19,30	22,40	28,80	43,60
Ø	inch	3/4	7/8	1				
Threads per inch	No.	12	11	10				
Dimensions	mm	45x14	55x22	55x22				
9362G	Each	43,60	59,60	59,60				

9364G



UNC

HSS

Orig. Völkel - Art. 234

Product description as Art. 9350G
UNC AMERICAN THREAD, according to ANSI-B1.1
RIGHT HAND USE

In HSS steel, normal chamfer, for steels with R up to 800 N/mm².

Thread UNC		Nr. 1	Nr. 2	Nr. 3	Nr. 4	Nr. 5	Nr. 6	Nr. 8
Threads per inch	No.	64	56	48	40	40	32	32
Dimensions	mm	16x5	16x5	16x5	20x5	20x5	20x7	20x7
9364G	Each	17,50	17,50	17,50	16,10	16,10	16,10	16,10
Thread UNC		Nr. 10	Nr. 12	1/4	5/16	3/8	7/16	1/2
Threads per inch	No.	24	24	20	18	16	14	13
Dimensions	mm	20x7	20x7	20x7	25x9	30x11	30x11	38x14
9364G	Each	16,10	16,10	15,30	17,50	19,30	22,40	25,20
Thread UNC		9/16	5/8	3/4	7/8	1		
Threads per inch	No.	12	11	10	9	8		
Dimensions	mm	38x14	45x18	45x18	55x22	55x22		
9364G	Each	31,10	34,10	34,10	58,10	58,10		

9366G



UNF

HSS

Orig. Völkel - Art. 244

Product description as Art. 9350G
UNF AMERICAN THREAD, according to ANSI-B1.1
RIGHT HAND USE

In HSS steel, normal chamfer, for steels with R up to 800 N/mm².

Thread UNF		Nr. 1	Nr. 2	Nr. 3	Nr. 4	Nr. 5	Nr. 6	Nr. 8
Threads per inch	No.	72	64	56	48	44	40	36
Dimensions	mm	16x5	16x5	16x5	20x5	20x5	20x5	20x7
9366G	Each	17,50	17,50	17,50	16,10	16,10	16,10	16,10
Thread UNF		Nr. 10	Nr. 12	1/4	5/16	3/8	7/16	1/2
Threads per inch	No.	32	28	28	24	24	20	20
Dimensions	mm	20x7	20x7	20x7	25x9	30x11	30x11	38x10
9366G	Each	16,10	16,10	15,30	17,50	19,30	22,40	25,20
Thread UNF		9/16	5/8	3/4	7/8	1		
Threads per inch	No.	18	18	16	14	12		
Dimensions	mm	38x10	45x14	45x14	55x16	55x16		
9366G	Each	31,10	34,10	34,10	58,10	58,10		

9368G



BSP

HSS

Orig. Völkel - Art. 254

Closed type, fully ground according to DIN-EN 24231.
CYLINDRICAL GAS THREAD G (BSP), according to DIN 228-1
RIGHT HAND USE

In HSS steel, normal chamfer, for steels with R up to 800 N/mm².

Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Threads per inch	No.	28	19	19	14	14	14	14
Dimensions	mm	30x11	38x10	45x14	45x14	55x16	55x16	65x18
9368G	Each	22,50	23,10	30,50	30,50	55,20	55,20	74,10
Ø	inch	1	1.1/8	1.1/4	1.3/8	1.1/2	1.3/4	2
Threads per inch	No.	11	11	11	11	11	11	11
Dimensions	mm	65x18	75x20	75x20	90x22	90x22	105x22	105x22
9368G	Each	74,10	125,00	125,00	218,00	218,00	373,00	373,00



Orig. Völkel - Art. 236

Closed type, fully ground.
NPT AMERICAN THREAD - Taper 1:16.
RIGHT HAND USE

In HSS steel, normal chamfer, for steels with R up to 800 N/mm².

Ø	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4	
Threads per inch	No.	27	18	18	14	14	11 1/2	11 1/2	
Dimensions	mm	30x11	38x14	45x14	45x18	55x22	65x25	75x26	
9370G	Each	48,70	59,60	75,50	75,50	121,00	179,00	211,00	
Ø	inch	1.1/2	2						
Threads per inch	No.	11 1/2	11 1/2						
Dimensions	mm	90x27	105x28						
9370G	Each	344,00	455,00						



9370G



NPT

HSS

Orig. Völkel - Art. 970

Fully configured.
R CONICAL GAS THREAD (BSPT) with 1:16 55° taper.
RIGHT HAND USE

In HSS steel, normal chamfer, for steels with R up to 800 N/mm².

Ø	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
Threads per inch	No.	28	19	19	14	14	11	11
Dimensions	mm	38x11	38x16	50x18	50x22	50x24	63x28	75x32
9372G	Each	24,40	24,40	49,40	49,40	49,40	82,80	112,00



9372G



BSPT

HSS

Orig. Völkel - Art. 258

Closed, completely ground.
PG thread in accordance with DIN 40430.
RIGHT HAND USE

In HSS steel, normal chamfer, for steels with R up to 800 N/mm².

Ø	inch	7	9	11	13,5	16	21	29
Threads per inch	No.	20	18	18	18	18	16	16
Dimensions	mm	38x10	45x14	45x14	45x14	55x16	65x18	65x18
9374G	Each	56,60	69,10	69,10	69,10	81,30	125,00	125,00



9374G



PG

HSS

HEXAGONAL DIES

Orig. Völkel - Art. 271

Fully ground DIN 382.
RIGHT-HAND USE. In HSS steel, normal chamfer,
for steels with tensile strength up to 800 N / mm².

ISO METRIC THREAD, according to DIN 13 – M Coarse Metric -Tolerance 6g

Ø	mm	3	4	5	6	7	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1	1,25	1,5	1,75
Dimensions	mm	19x5	19x5	19x7	19x7	22x9	22x9	27x11	36x14
9376G	Each	14,60	14,60	14,60	14,60	16,10	16,10	18,90	26,20
Ø	mm	14	16	18	20	22	24	27	30
Pitch	mm	2	2	2,5	2,5	2,5	3	3	3,5
Dimensions	mm	36x14	41x18	41x18	41x18	50x22	50x22	60x25	60x25
9376G	Each	26,20	37,10	37,10	37,10	62,50	75,50	115,00	115,00



9376G



M

HSS

Orig. Völkel - Art. 261-267

Product description as Art. 9376G

ISO FINE METRIC THREAD, according to DIN 13 - MF Fine Metric – Tolerance 6g

Ø	mm	4	5	6	8	8	10	10	12	
Pitch	mm	0,5	0,5	0,75	0,75	1	1	1,25	1	
Dimensions	mm	19x5	19x5	19x7	22x9	22x9	27x11	27x11	36x10	
9377G	Each	28,30	28,30	28,30	30,50	30,50	30,50	30,50	42,70	
Ø	mm	12	12	14	14	14	16	16	16	
Pitch	mm	1,25	1,5	1	1,25	1,5	1	1,25	1,5	
Dimensions	mm	36x10	36x10	36x10	36x10	36x10	41x14	41x14	41x14	
9377G	Each	42,70	42,70	48,70	48,70	48,70	59,60	59,60	59,60	
Ø	mm	18	20	22	24	24	27	30		
Pitch	mm	1,5	1,5	1,5	1,5	2	2	2		
Dimensions	mm	41x14	41x14	50x16	50x16	50x16	60x18	60x18		
9377G	Each	62,50	62,50	91,50	91,50	91,50	138,00	138,00		



9377G



MF

HSS



EXTENSION HOLDERS FOR TAPS

9380G



Orig. Völkel - Art. 145-146

WOLFRAM steel. DIN 377.

Extensions and drive (external and internal) of the same size, hardened according to DIN 10.

Type		60	70	80	90	95	100	105
Overall length	mm	60	70	80	90	95	100	105
Frame	mm	2,1	2,4	2,7	3	3,4	3,8	4,3
Thread	M.	1-2,6	-	3	3,5	4	-	-
	9380G	Each	4,36	4,36	4,36	4,36	5,22	6,10
Type		110	115	120	125	130	135	140
Overall length	mm	110	115	120	125	125	130	140
Frame	mm	4,9	5,5	6,2	7	8	9	10
Thread	M.	4-5-8	9-10	11	12	-	14-16	-
	9380G	Each	4,94	5,52	5,96	7,40	9,14	10,20
Type		150	155	175	185	195	210	
Overall length	mm	150	155	175	180	200	220	
Frame	mm	11	12	14,5	16	18	20	
Thread	M.	18	20	22-24	27	30	33	
	9380G	Each	16,10	20,90	29,10	30,50	35,90	46,50

COMPLETE TAPS AND DIES SETS

9384G



M

HSS-E

Orig. Völkel - Art. 47605

M Coarse metric thread.

HSS-E assortment:

1 pcs. for size short hand and machine taps, spiral point for through holes for thread M 3 - 4 - 5 - 6 - 8 - 10 - 12, Art. 9150 G.

1 pcs. for size HSS drills 2.5 - 3.3 - 4.2 - 5 - 6.8 - 8.5 - 10.2 mm.

1 adjustable tap wrenche Art. 9476 G 1.1 / 2.

1 tap wrenche with ratchet M 3-10, Art. 9492 GE 1.

in case.

9384G Each **87,10**

9385G



M

HSS

Orig. Völkel - Art. 49511

M Coarse metric thread.

HSS assortment.

3 hand taps sets for M3-4-5-6-8-10-12 thread.

1 pc. for HSS drills mm 2,5 - 3,3 - 4,2 - 5 - 6,8 - 8,5 - 10,2

1 adjustable tap wrench Art. 9476 G 1.1/2

1 tap wrench with ratchet M 3-10 Art. 9492 GE 1.

In case.

9385G Each **149,00**



Orig. Gedore - Art. 8553

M Coarse metric thread.

HSSG assortment:

No.3 hand tap sets and No.1 die for size for M 3 - 4 - 5 - 6 thread
 No.4 guide disks for die M 3 - 4 - 5 - 6. 1 thickness, No.10 threaded screws M 4x6 for die,
 No.1 ratchet lever, 1/4 drive Art. 943 G, No.1 extension, 1/4 drive Art. 942 E 100,
 No.1 Allen wrench 2.1mm, tap wrench with jaw chuck, 1/4 female drive Art. 9497 GA,
 No.1 die-holder, 1/4 female drive Art. 9497 GL.
 In plastic case.

9387G Each **353,00**

GEDORE

9387G



M

1/4"

HSS

Orig. Völkel - Art. 49107

M Coarse metric thread.

HSS assortment.

3 hand taps in series and 1 die for size.
 With tap wrench and die holder as per assortment.
 In case.

For threads	M.	3-4-5-6-8-10-12
Die-holders Ø	mm	20x5-20x7-25x9-30x11-38x14
Adjustable tap wrench	Gr	1 + 2

9388G Each **313,00**

VÖLKEL
THREADING SOLUTIONS

9388G



M

HSS

Orig. Völkel - Art. 49301

M Coarse metric thread.

HSS assortment.

3 hand taps in series and 1 die for size.
 With adjustable tap wrench, tap wrench with ratchet and die holder as per assortment.
 In sturdy steel case with carrying handle.

For threads	M.	5-6-8-10-12-14-16-18-20
Die-holders Ø	mm	20x7-25x9-30x11-38x14-45x18
Adjustable tap wrench	Gr	1 + 3
Tap wrench with ratchet for taps	M.	3-10; 5-12

9390G Each **479,00**

VÖLKEL
THREADING SOLUTIONS

9390G



M

HSS

Orig. Völkel - Art. 49201

Product description as Art. 9390G

For threads	M.	3-4-5-6-8-10-12-14-16-18-20
Die-holders Ø	mm	20x5-20x7-25x9-30x11-38x14-45x18
Adjustable tap wrench	Gr	1 + 3
Tap wrench with ratchet for taps	M.	3-10; 5-12

9392G Each **501,00**

VÖLKEL
THREADING SOLUTIONS

9392G



M

HSS



9395G
9396G



M

HSS

Orig. Völkel

M Coarse Metric Thread.
HSS assortment.
With 3 hand taps and 1 die per size.
With tap wrench and die holder as per assortment.
In wooden case.

Art		9395G	9396G
For threads	M.	5-6-7-8-9-10-11-12-14-16-18-20	3-4-5-6-8-10-12-14-16-18-20-22-24
Die-holders Ø	mm	20x7-25x9-30x11-38x14-45x18	20x5-20x7-25x9-30x11-38x14-45x18-55x22
Adjustable tap wrench	Gr	1 + 3	1 + 4
Supplier code		48005	48006
Each		784,00	1.010,00

9400G



MF

HSS

Orig. Völkel - Art. 48011

MF Fine metric thread.
HSS assortment.
2 hand taps and 1 die for size.
With tap wrench and die holder as per assortment.
In wooden case.

For threads	MF	6x0,75-8x0,75-8x1-10x1-12x1-12x1,5-14x1,25-14x1,5-16x1,5-18x1,5-20x1,5
Die-holders Ø	mm	20x7-25x9-30x11-38x10-45x14
Adjustable tap wrench	Gr	1 + 3
9400G	Each	675,00

9400GA



BSW

HSS

Orig. Völkel - Art. 48032

BSW WHITWORTH thread
HSS assortment.
With 3 hand taps and 1 die per size.
With tap wrench and die holder as per assortment.
In wooden case.

For threads	inch	1/4-5/16-3/8-7/16-1/2-5/8-3/4
Die-holders Ø	mm	20x7-25x9-30x11-38x14-45x18
Adjustable tap wrench	Gr	1 + 3
9400GA	Each	633,00

9400GB



UNC

HSS

Orig. Völkel - Art. 48051

UNC AMERICAN thread
HSS assortment.
With 3 hand taps and 1 die per size.
With tap wrench and die holder as per assortment.
In wooden case.

For threads	inch	1/4-5/16-3/8-7/16-1/2-5/8-3/4
Die-holders Ø	mm	20x7-25x9-30x11-38x14-45x18
Adjustable tap wrench	Gr	1 + 3
9400GB	Each	633,00



Orig. Völkel - Art. 48061

UNF AMERICAN thread
HSS assortment.

With 2 hand taps and 1 die per size.

With tap wrench and die holder as per assortment.

In wooden case.

For threads	inch	1/4-5/16-3/8-7/16-1/2-5/8-3/4
Die-holders Ø	mm	20x7-25x9-30x11-38x10-45x14
Tap wrench	Gr	1 + 3

9400GC	Each	559,00
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9400GC



UNF

HSS

Orig. Völkel - Art. 48066

The AMERICAN UNC + thread UNF

Super-rapid HSS steel assortment.

Set of 3 males and 1 chain measuring unit (UNC).

Set of 2 males and 1 chain measuring unit (UNF).

Tap wrenches and dyes are included as part of the set.

Comes in a box.

For threads	inch	1/4-5/16-3/8-7/16-1/2-5/8-3/4
Die-holders Ø	mm	20x7-25x9-30x11-38x14-45x18
Tap wrench	Gr	1 + 3

9400GD	Each	1.020,00
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9400GD



UNF

UNC

HSS

Orig. Völkel - Art. 48021

GAS CYLINDRICAL G thread (BSP)

HSS assortment.

With 2 hand taps and 1 die per size.

With tap wrench and die holder as per assortment.

In wooden case.

For threads	inch	1/8-1/4-3/8-1/2-5/8-3/4-7/8-1
Die-holders Ø	mm	30x11-38x10-45x14-55x16-65x18
Adjustable tap wrench	Gr	1 + 3 + 5

9400GE	Each	1.110,00
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9400GE



BSP

HSS

MACHINE TAP SETS

Orig. Völkel - Art. 47815

M Coarse Metric thread.

1 pc. per size HSS-E machine taps, with chamfer for through holes, for M: 3-4-5-6-8-10-12 thread.

In enameled steel case.

9400GH	Each	84,20
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9400GH



M

HSS-E



9400GI **VÖLKE**
THREADING SOLUTIONS



M

HSS-E

Orig. Völkel - Art. 47817

M Coarse Metric thread

1 pc. per size HSS-E machine taps, short chamfer, 35° spiral flute for deep blind holes, for M: 3-4-5-6-8-10-12 thread.

In plastic case.

9400GI Each 98,70

9400GL **VÖLKE**
THREADING SOLUTIONS



M

HSS-E

Orig. Völkel - Art. 47835

M Coarse metric thread.

HSSG machine taps, 1pc for size, short chamfer, 35° spiral for deep blind holes, for M 3-4-5-6-8-10-12 thread.

1pc for HSS bit size, DIN 338, for drilling 2.5-3.3-4.2-5.0-6.8-8.5-10.2mm.

In plastic case.

9400GL Each 98,70

9400GP **VÖLKE**
THREADING SOLUTIONS



M

HSS-E

Orig. Völkel - Art. 47847

M Coarse metric thread.

HSSG machine taps, 1pc for size, short chamfer, 35° spiral for deep blind holes, for M 3-4-5-6-8-10-12 thread.

1pc for HSS bit size, DIN 338, for drilling 2.5-3.3-4.2-5.0-6.8-8.5-10.2mm.

In plastic case.

9400GP Each 114,00

HSS-CO 5% STANDARD TAPS

9400GT **SCU** **INOX**



M

HSS-Co

Prod. SCU

HAND TAPS - HSS-Co 5%. RIGHT-HAND USE.

M Coarse metric thread. DIN 352. Tolerance H6. For hard steel, abrasive steel and stainless steel.

3pcs set.

For threads

mm	14	18	22
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Pitch

mm	2	2,5	2,5
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9400GT	Series	73,20	129,00	163,00
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For similar hand tap sets see Art. 9095 G.



HSS TAPS AND DIES

Prod. SCU

HAND TAPS - HSS steel. RIGHT-HAND USE.
M Coarse Metric Thread. DIN 352. Tolerance H6.

SCU M HSS 9401G
9401GF

3pcs set.

For threads	mm	2	2,5	3	4	5	6	7
Pitch	mm	0,4	0,45	0,5	0,7	0,8	1	1
9401G	Series	12,10	12,10	6,38	6,28	6,50	6,66	6,98
For threads	mm	8	10	12	14	16	18	20
Pitch	mm	1,25	1,5	1,75	2	2	2,5	2,5
9401G	Series	9,56	11,40	12,60	18,70	24,00	32,10	41,30
For threads	mm	22	24	27	30			
Pitch	mm	2,5	3	3	3,5			
9401G	Series	47,60	52,10	63,90	88,90			



Product description as Art. 9401G

Finishing tap only.

For threads	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
9401GF	Each	2,20	2,20	2,24	2,34	3,36	3,94	4,36
For threads	mm	14	16	18	20			
Pitch	mm	2	2	2,5	2,5			
9401GF	Each	6,50	8,38	11,20	14,50			

HAND TAPS - HSS steel. RIGHT-HAND USE.
M Coarse Metric Thread. DIN 352. Tolerance H6.

SCU M HSS 9401GS

3pcs set.

For threads	mm	18	22	24
Pitch	mm	2,5	2,5	3
9401GS	Series	104,00	174,00	192,00

For similar hand tap sets see Art. 9103 G.
Product running out of stock.



USO SINISTRO

HAND TAPS - HSS steel. RIGHT-HAND USE.
MF Fine Metric Thread. DIN 2181. Tolerance H6.

SCU MF HSS 9402G

2pcs set.

For threads	mm	4	5	6	8	8	10	10	12
Pitch	mm	0,5	0,5	0,75	0,75	1	1	1,25	1
9402G	Series	12,80	14,10	14,60	18,10	15,50	20,30	16,80	24,70
For threads	mm	12	12	14	14	14	16	16	18
Pitch	mm	1,25	1,5	1	1,25	1,5	1	1,5	1,5
9402G	Series	19,60	19,10	27,60	27,10	23,50	30,30	25,10	38,90
For threads	mm	20	22	24	24	27	30		
Pitch	mm	1,5	1,5	1,5	2	2	2		
9402G	Series	42,80	54,10	61,40	64,10	92,70	110,00		



HSS HAND TAPS. RIGHT-HAND USE.
Thread: BSF Whitworth Pitch. DIN 2181. Tolerance H6.

SCU BSF HSS 9403GF

Set: 2 pcs.

For threads	inch	3/16	5/16	5/8
Threads per inch	No.	32	22	14
9403GF	Series	24,50	29,30	63,60

For similar hand tap sets see Art. 9120 G.
Product running out of stock.



HAND TAPS - HSS steel. RIGHT-HAND USE.
UNC American Thread. DIN 352-ANSI-B1-1. Tolerance H6.

SCU UNC HSS 9404GC

3pcs set.

Thread UNC		Nr. 8	Nr. 10	Nr. 12	9/16
Threads per inch	No.	32	24	24	12
9404GC	Series	36,70	40,20	40,20	86,60

For similar hand tap sets see Art. 9125 G.
Product running out of stock.





9404GF SCU UNF HSS



HAND TAPS - HSS steel. RIGHT-HAND USE.
UNF American Thread. DIN 2181-ANSI-B1-1. Tolerance H6.
2pcs set.

		Nr. 6	Nr. 8
Thread UNF	No.	40	36
Threads per inch	No.	40	36
9404GF	Series	31,70	31,70

For similar hand tap sets see Art. 9130 G.
Product running out of stock.

9404GR SCU NPT HSS



SHORT HAND/MACHINE TAPS. In HSS steel. RIGHT-HAND USE.
NPT American conical thread, taper 1:16. ANSI-B2.1.

For threads	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
Threads per inch	No.	27	18	18	14	14	11,5	11,5
Overall length	mm	54	62	65	79	83	95	102
Thread length	mm	19	27	27	35	35	44	44
9404GR	Each	44,30	49,20	63,60	84,30	116,00	173,00	301,00

9404GS SCU BSPT HSS



SHORT HAND/MACHINE TAPS. In HSS steel. RIGHT-HAND USE.
BSPT conical gas thread, taper 1:16.

For threads	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4
Threads per inch	No.	28	19	19	14	14	11	11
Overall length	mm	59	67	75	87	96	109	119
Thread length	mm	15	19	21	26	28	33	36
9404GS	Each	53,80	61,40	74,50	96,40	131,00	188,00	304,00

9405GA SCU M HSS



HSS MACHINE TAPS. RIGHT-HAND USE.
Reinforced shank, correct chamfer for through holes.
M Coarse Metric Thread. DIN 371 B. Tolerance H6.

For threads	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
9405GA	Each	8,78	8,78	8,78	9,36	11,40	12,80

9405GB SCU M HSS



Product description as Art. 9405GA
Reduced shank, correct chamfer for through holes.
M Coarse Metric Thread. DIN 376 B. Tolerance H6.

For threads	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
9405GB	Each	14,10	14,40	14,70	9,86	16,10	19,20	14,80
For threads	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
9405GB	Each	18,30	21,60	29,70	31,10	37,60	41,40	

9405GBR SCU M HSS



Product description as Art. 9405GA
Reduced shank, short chamfer for through and blind holes.
Thread: Coarse Metric M. DIN 376 C. Tolerance H6.

For threads	mm	10	12	22	24
Pitch	mm	1,5	1,75	2,5	3
9405GBR	Each	16,10	19,50	49,30	54,30

For similar machine tap sets see Art. 9212 G.
Product running out of stock.

9405GD SCU M HSS



Product description as Art. 9405GA
Type with through shank, right-hand 15° spiral flute for blind holes.
Thread: Coarse metric thread M. DIN 376 C. Tolerance H6.

For threads	mm	3	6	18	22
Pitch	mm	0,5	1	2,5	2,5
9405GD	Each	14,80	15,60	46,70	60,70

For similar machine tap sets see Art. 9232 G.
Product running out of stock.

9405GE SCU M HSS



Product description as Art. 9405GA
Reinforced shank, 35° spiral flute for deep blind holes.
M Coarse Metric Thread. DIN 371 C. Tolerance H6.

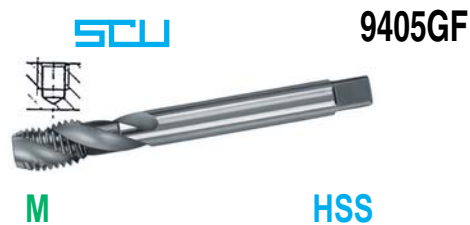
For threads	mm	3	4	5	6	8	10
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5
9405GE	Each	10,70	10,70	10,70	11,20	12,80	14,80



Product description as Art. 9405GA

Reduced shank, 35° spiral flute for deep blind holes.
M Coarse Metric Thread. DIN 376 C. Tolerance H6.

For threads	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
9405GF	Each	18,10	19,00	19,10	19,20	20,20	25,20	19,80
For threads	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
9405GF	Each	23,80	27,70	37,60	39,80	44,60	84,60	



HSS-E STANDARD TAPS

Prod. SCU

COBALT HSS-E MACHINE TAPS.
RIGHT-HAND USE.

Reinforced shank, chamfer suitable for through holes, straight spiral flute with alternate threads.
Thread: Coarse Metric M. DIN 371 B. Tolerance H6.

For threads	mm	4	5	6	10
Pitch	mm	0,7	0,8	1	1,5
9405GH	Each	21,20	21,20	22,70	30,20

For similar machine tap sets see Art. 9187 G.
Product running out of stock.



Product description as Art. 9405GH

Reduced shank, chamfer suitable for through holes, straight spiral flute with alternate threads.
Thread: Coarse Metric M. DIN 376 B. Tolerance H6.

For threads	mm	6	18	22	24
Pitch	mm	1	2,5	2,5	3
9405GHA	Each	24,10	63,70	99,60	104,00

For similar machine tap sets see Art. 9220 G.
Product running out of stock.



MACHINE TAPS FOR NUTS - COBALT HSS-E.
RIGHT-HAND USE.

Long type. M Coarse Metric Thread. DIN 357. Tolerance H6. For hard steel, abrasive steel and stainless steel.

For threads	mm	3	4	5	6	8	10	12
Pitch	mm	0,5	0,7	0,8	1	1,25	1,5	1,75
Overall length	mm	70	90	100	110	125	140	180
9405GL	Each	15,70	17,30	18,30	20,10	24,70	28,80	37,10
For threads	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
Overall length	mm	200	200	220	250	280	280	
9405GL	Each	46,90	54,30	62,70	68,30	119,00	140,00	



COBALT HSS-E MACHINE TAPS.
LEFT-HAND USE.

Reinforced shank, short chamfer for through and blind holes.
Thread: Coarse Metric M. DIN 371 C. Tolerance H6.

For threads	mm	4	5
Pitch	mm	0,7	0,8
9405GM	Each	31,70	33,10

For similar machine tap sets see Art. 9164 G.
Product running out of stock.



Product description as Art. 9405GM

Reduced shank, short chamfer for through and blind holes.
Thread: Coarse Metric M. DIN 376 C. Tolerance H6.

For threads	mm	22	24
Pitch	mm	2,5	3
9405GMA	Each	158,00	170,00

For similar machine tap sets see Art. 9213 G.
Product running out of stock.





9405GR SCU



MF

HSS-E

COBALT HSS-E MACHINE TAPS.

RIGHT-HAND USE.

Reduced shank, chamfer suitable for through holes.

Thread: Coarse Metric - MF Fine pitch. DIN 374 B. Tolerance H6.

For threads	mm	5	8	10	10	12	16
Pitch	mm	0,5	0,75	1	1,25	1	1
9405GR	Each	33,30	38,60	39,20	46,50	42,10	61,30

For threads	mm	24	27	30
Pitch	mm	2	2	2
9405GR	Each	133,00	162,00	186,00

For similar machine tap sets see Art. 9275 G.

Product running out of stock.

9405GRA SCU



MF

HSS-E

Product description as Art. 9405GR

Reduced shank, short chamfer for through and blind holes.

Thread: Metric - MF Fine pitch. DIN 374 C. Tolerance H6.

For threads	mm	4	5	6	8	14
Pitch	mm	0,35	0,5	0,75	0,75	1
9405GRA	Each	28,60	26,40	26,40	30,60	41,90

For similar machine tap sets see Art. 9277 G.

Product running out of stock.

9405GRE SCU



MF

HSS-E

Product description as Art. 9405GR

Reduced shank, 35° spiral flute, for deep blind holes.

Thread: Metric - MF Fine pitch. DIN 374 C. Tolerance H6.

For threads	mm	4	10	12	14	16	20
Pitch	mm	0,5	1,25	1,5	1	1	1,5
9405GRE	Each	32,10	49,70	44,90	59,20	75,80	93,90

For threads	mm	24	24	27	30
Pitch	mm	1,5	2	2	2
9405GRE	Each	136,00	136,00	192,00	213,00

For similar machine tap sets see Art. 9284 G.

Product running out of stock.

9405GS SCU



BSW

HSS-E

Product description as Art. 9405GR

Reinforced shank, chamfer suitable for through holes.

Thread: Whitworth pitch DIN 371 B. Tolerance H6.

For threads	inch	1/4
Threads per inch	No.	20
9405GS	Each	18,40

For similar machine tap sets see Art. 9292 G.

Product running out of stock.

9405GSA SCU



BSW

HSS-E

Product description as Art. 9405GR

Reduced shank, chamfer suitable for through holes.

Thread: Whitworth pitch DIN 376 B. Tolerance H6.

For threads	inch	1/2	7/8	1
Threads per inch	No.	12	9	8
9405GSA	Each	28,90	101,00	110,00

For similar machine tap sets see Art. 9298 G.

Product running out of stock.

9405GSB SCU



BSW

HSS-E

Product description as Art. 9405GR

Reinforced shank, 35° spiral flute, for deep blind holes.

Thread: Whitworth pitch DIN 371 C. Tolerance H6.

For threads	inch	1/4
Threads per inch	No.	20
9405GSB	Each	22,90

For similar machine tap sets see Art. 9293 G.

Product running out of stock.

9405GSC SCU



BSW

HSS-E

Product description as Art. 9405GR

Reduced shank, 35° spiral flute, for deep blind holes.

Thread: Whitworth pitch DIN 376 C. Tolerance H6.

For threads	inch	5/8	3/4	7/8	1
Threads per inch	No.	11	10	9	8
9405GSC	Each	45,60	103,00	114,00	147,00

For similar machine tap sets see Art. 9299 G.

Product running out of stock.



Product description as Art. 9405GR

Reduced shank, chamfer suitable for through holes.
Thread: BSP cylindrical GAS pitch. DIN 5156 B. Tolerance H6.

For threads	inch	1	1.1/4
Threads per inch	No.	11	11
9405GT	Each	182,00	325,00

For similar machine tap sets see Art. 9320 G.
Product running out of stock.



Product description as Art. 9405GR

Reduced shank, 35° spiral flute, for deep blind holes.
Thread: BSP cylindrical GAS pitch. DIN 5156 C. Tolerance H6.

For threads	inch	1/4	3/4
Threads per inch	No.	19	14
9405GTA	Each	49,10	132,00

For similar machine tap sets see Art. 9324 G.
Product running out of stock.



Product description as Art. 9405GR

Reinforced shank, chamfer suitable for through holes.
Thread: UNC American. DIN 371 B. Tolerance H6.

Thread UNC		Nr. 8	Nr. 10	Nr. 12
Threads per inch	No.	32	24	24
9405GV	Each	24,10	24,30	24,60

For similar machine tap sets see Art. 9307 G.
Product running out of stock.



Product description as Art. 9405GR

Reduced shank, chamfer suitable for through holes.
Thread: UNC American. DIN 376 B. Tolerance H6.

Thread UNC		9/16	3/4	7/8	1
Threads per inch	No.	12	10	9	8
9405GVA	Each	51,70	112,00	127,00	134,00

For similar machine tap sets see Art. 9311 G.
Product running out of stock.



Product description as Art. 9405GR

Reinforced shank, 35° spiral flute, for deep blind holes.
Thread: UNC American. DIN 371 C. Tolerance H6.

Thread UNC		5/16
Threads per inch	No.	18
9405GVB	Each	35,30

For similar machine tap sets see Art. 9309 G.
Product running out of stock.



Product description as Art. 9405GR

Reduced shank, 35° spiral flute, for deep blind holes.
Thread: UNC American. DIN 376 C. Tolerance H6.

Thread UNC		9/16	3/4	7/8	1
Threads per inch	No.	12	10	9	8
9405GVC	Each	74,10	148,00	179,00	203,00

For similar machine tap sets see Art. 9311 GD.
Product running out of stock.



HSS TAPS AND DIES

Prod. SCU

HSS ROUND DIES. RIGHT-HAND USE.
M Coarse Metric Thread. DIN 223. 6g tolerance.

For threads	mm	2	2,5	3	4	5	6	7
Pitch	mm	0,4	0,45	0,5	0,7	0,8	1	1
Dimensions	mm	16x5	16x5	20x5	20x5	20x7	20x7	25x9
9406GA	Each	4,08	6,00	3,36	3,38	3,24	3,92	5,52
For threads	mm	8	10	12	14	16	18	20
Pitch	mm	1,25	1,5	1,75	2	2	2,5	2,5
Dimensions	mm	25x9	30x11	38x14	38x14	45x18	45x18	45x18
9406GA	Each	3,92	6,24	10,10	10,60	16,10	16,90	17,20
For threads	mm	22	24	27	30			
Pitch	mm	2,5	3	3	3,5			
Dimensions	mm	55x22	55x22	65x25	65x25			
9406GA	Each	25,90	28,60	37,10	40,50			





9406GD



M

HSS

USO SINISTRO

HSS ROUND DIES. LEFT-HAND USE.

M Coarse Metric Thread. DIN 223.

6g tolerance.

For threads	mm	3
Pitch	mm	0,5
Dimensions	mm	20x5
9406GD	Each	18,50

For similar screw dies see Art. 9353 G.
Product running out of stock.

9406GF



MF

HSS

HSS ROUND DIES. RIGHT-HAND USE.

MF Fine Metric Thread. DIN 223. 6g tolerance.

For threads	mm	4	5	6	8	8	10	10	12
Pitch	mm	0,5	0,5	0,75	0,75	1	1	1,25	1
Dimensions	mm	20x5	20x5	20x7	25x9	25x9	30x11	30x11	38x10
9406GF	Each	9,78	9,78	9,78	10,10	10,10	11,70	11,70	16,50
For threads	mm	12	12	14	14	14	16	16	18
Pitch	mm	1,25	1,5	1	1,25	1,5	1	1,5	1,5
Dimensions	mm	38x10	38x10	38x10	38x10	38x10	45x14	45x14	45x14
9406GF	Each	16,50	16,50	17,80	17,80	17,80	24,90	24,90	25,40
For threads	mm	20	22	24	24	27	30		
Pitch	mm	1,5	1,5	1,5	2	2	2		
Dimensions	mm	45x14	55x16	55x16	55x16	65x18	65x18		
9406GF	Each	26,40	36,60	41,10	41,10	51,60	54,80		

9406GM



BSF

HSS

Product description as Art. 9406GF

Thread: BSF Fine Whitworth pitch. DIN 223.

Tolerance 6g.

For threads	inch	5/8	3/4	1
Threads per inch	No.	14	12	10
Dimensions	mm	45x14	45x14	55x20
9406GM	Each	96,20	101,00	143,00

For similar screw dies see Art. 9362 G.
Product running out of stock.

9406GV



NPT

HSS

Product description as Art. 9406GF

NPT American Conic Thread, taper 1:16. DIN 223. 6g tolerance.

For threads	inch	1/8	3/8	1/2
Threads per inch	No.	27	18	14
Dimensions	mm	30x11	45x18	45x18
9406GV	Each	76,70	102,00	163,00

For similar chains see Art. 9370 G
Product running out of stock.

9406GZ



BSPT

HSS

Product description as Art. 9406GF

BSPT Conical GAS Thread, taper 1:16. DIN 5159. 6g tolerance.

For threads	inch	1.1/4
Threads per inch	No.	11
Dimensions	mm	75x26
9406GZ	Each	304,00

For similar chains see Art. 9372 G
Product running out of stock.


COMPLETE TAPS AND DIES SETS
Prod. SCU

The set contains:

HSS hand taps, 1 series for each size – Art. 9401 G 3-4-5-6-8-10-12 M

HSS dies, 1 pc for each size - Ø 25x9mm, 3-4-5-6-8-10-12mm

1 extensible tap wrench Size 1 1/2

1 die holder Ø 25x9mm.

In case.

9407GS Each **106,00**
SCU M HSS 9407GS

Orig. Völkel - Art. 49111

The set contains:

HSS hand taps, 1 series for each size 3-4-5-6-8-10-12 M

HSS dies, 1 series for each size 3-4-5-6-8-10-12mm

HSS drills, 1 pc for each size 2.5-3.3-4.2-5-6.8-8.5-10.25mm

Extensible tap wrench Size 1 and 2, 1 pc for each size

Die-holder, 1 pc for each size Ø 20x5-20x7-25x9-30x11-38x14mm.

In plastic case.

9407GT Each **227,00**
VÖLKEI M HSS 9407GT

Orig. Völkel - Art. 47001

The set contains:

HSS hand taps, 1 series for each size 3-4-5-6-8-10-12 M.

1 adjustable tap wrench Gr. 1.1 / 2. In plastic case.

9408GA Each **109,00**
VÖLKEI M HSS 9408GA

Orig. Völkel - Art. 49510

The set contains:

HSS taps, 1 series for each size M 3-4-5-6-8-10-12

HSS drills, 1 pc for each size 2,5-3,3-4,2-5-6,8-8,5-10,2mm

1 extensible tap wrench Size 1 1/2.

In case.

9408GE Each **138,00**
VÖLKEI M HSS 9408GE

Orig. Völkel - Art. 49501

Each set contains:

1 series per size HSS taps M 3-4-5-6-8-10-12

1 pc. per size HSS dies - Ø 25x9 da M 3-4-5-6-8-10-12mm

1 extensible tap wrench Size 1 1/2

1 die holder Ø 25x9mm

1 ratchet tap wrench Size M 3 - 10.

In case.

9408GH Each **157,00**
VÖLKEI M HSS 9408GH




9408GP VÖLKEL
THREADING SOLUTIONS

HSS



M

Orig. Völkel - Art. 49205

Each set contains:

- 1 series per size HSS taps M 3-4-5-6-8-10-12-14-16-18-20
- 1 pc. per size HSS dies M 3-4-5-6-8-10-12-14-16-18-20
- 1 pc. per size extensible tap wrenches Size 1 and 3
- 1 pc. per size die holders Ø 20x5 - 20x7 - 25x9 - 30x11 - 38x14 - 45x18mm

In case.

9408GP	Each	639,00
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CHROME STEEL TAPS AND DIES

9410

SCU



M

Prod. SCU

HAND TAPS - CHROME steel. RIGHT-HAND USE.
M Coarse Metric Thread.

3pcs set.

For threads	mm	2	3	4	5	6	7	8	9	
Pitch	mm	0,4	0,5	0,7	0,8	1	1	1,25	1,25	
	9410	Series	7,94	5,40	5,40	5,60	5,60	7,44	7,22	9,98
For threads	mm	10	11	12	14	16	18	20		
Pitch	mm	1,5	1,5	1,75	2	2	2,5	2,5		
	9410	Series	9,46	12,60	12,60	15,40	18,90	24,20	29,90	

9412

SCU



M

Product description as Art. 9410

2pcs set.

For threads	mm	2	3	4	5	6	7	8	
Pitch	mm	0,4	0,5	0,7	0,8	1	1	1,25	
	9412	Series	7,06	4,90	4,90	5,06	5,06	6,52	6,52
For threads	mm	9	10	11	12	14	16		
Pitch	mm	1,25	1,5	1,5	1,75	2	2		
	9412	Series	8,60	8,60	11,60	11,20	13,90	16,60	

9414

SCU



M

Product description as Art. 9410

Finishing tap only for Art. 9410 - 9412.

For threads	mm	2	3	4	5	6	8	10	
Pitch	mm	0,4	0,5	0,7	0,8	1	1,25	1,5	
	9414	Each	3,10	2,10	2,10	2,18	2,18	2,76	3,60
For threads	mm	12	14	16					
Pitch	mm	1,75	2	2					
	9414	Each	4,56	5,90	7,02				

9416

SCU



MF

HAND TAPS - CHROME steel. RIGHT-HAND USE.

MF Fine Metric Thread.

2pcs set.

For threads	mm	6	8	10	10	12	12	14	
Pitch	mm	0,75	1	1	1,25	1,25	1,5	1,25	
	9416	Series	5,06	6,52	8,60	8,60	11,20	11,20	13,90
For threads	mm	14	16	18	20				
Pitch	mm	1,5	1,5	1,5	1,5				
	9416	Series	13,90	16,60	20,10	30,30			

9424

SCU



GAS

HAND TAPS - CHROME steel. RIGHT-HAND USE.

Cylindrical GAS thread for threading pipes

2pcs set.

For threads	inch	1/8	1/4	3/8	1/2	3/4	1	
Threads per inch	No.	28	19	19	14	14	11	
	9424	Series	8,20	10,90	13,60	20,70	33,90	56,20



ROUND DIES - CHROME steel. RIGHT-HAND USE.

M Coarse Metric Thread.

Type		2	3	4	5	6	7	8	8A	9
For threads	mm	2	3	4	5	6	7	8	8	9
Pitch	mm	0,4	0,5	0,7	0,8	1	1	1,25	1,25	1,25
Die Ø	mm	25,4	25,4	25,4	25,4	25,4	25,4	25,4	38,1	25,4
9430	Each	9,66	6,94	6,94	5,86	5,86	6,02	5,86	8,32	5,94

Type		10	10A	11	12	14	16	16A	18	20
For threads	mm	10	10	11	12	14	16	16	18	20
Pitch	mm	1,5	1,5	1,5	1,75	2	2	2	2,5	2,5
Die Ø	mm	25,4	38,1	38,1	38,1	38,1	38,1	50,8	50,8	50,8
9430	Each	5,86	8,40	9,66	8,32	8,32	8,32	15,80	15,80	16,20

SCU

M

9430



Product description as Art. 9430

MF Fine Metric Thread.

For threads	mm	6	8	10	10	12	12	14
Pitch	mm	0,75	1	1	1,25	1,25	1,5	1,25
Die Ø	mm	25,4	25,4	38,1	38,1	38,1	38,1	38,1
9432	Each	7,82	7,82	11,70	11,70	11,80	11,80	11,80

For threads	mm	14	16	18	20
Pitch	mm	1,5	1,5	1,5	1,5
Die Ø	mm	38,1	38,1	38,1	50,8
9432	Each	11,80	11,80	11,80	23,60

SCU

MF

9432



Product description as Art. 9430

Cylindrical GAS Thread for threading pipes.

For threads	inch	1/8	1/4	3/8	1/2	3/4	1
Threads per inch	No.	28	19	19	14	14	11
Die Ø	mm	38,1	38,1	38,1	50,8	50,8	63,5
9436	Each	9,44	9,44	9,44	19,90	19,90	40,80

SCU

GAS

9436



NUT SCREWS IN WOODEN BOX

The set contains:

CHROME taps, 1 pc for each size - Art. 9410 3-4-5-6-8-10-12mm

CHROME dies, 1 pc for each size - Art. 9430 type 3-4-5-6-8-10-12

1 extensible tap wrench Size 1.1/2

1 die-holder Ø 25.4mm

9440	Each	248,00
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SCU

M

9440



Product description as Art. 9440

The set contains: CHROME taps, 1 series for each size - Art. 9410 3-4-5-6-8-10-12-14-16-18mm

CHROME dies, 1 pc for each size - Art. 9430 type 3-4-5-6-8-10A-12-14-16-18

Extensible tap wrenches Size 1 and 3, 1pc for each size.

Die-holder, 1 pc for each size Ø 25.4 and 38.1mm.

9448	Each	412,00
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SCU

M

9448



Product description as Art. 9440

The set contains:

CHROME taps, 1 series for each size - Art. 9412 2-3-4-5-6-7-8-10-12-14-16mm

CHROME taps, 1 series for each size - Art. 9416 8x1 - 10x1 - 10x1.25 - 12x1.25 - 12x1.5 -

14x1.25 - 14x1.5 - 16x1.5 - 18x1.5mm

CHROME dies, 1 pc for each size - Art. 9430 type 2-3-4-5-6-7-8-10A-12-14-16

1 CHROME dies, 1 pc for each size - Art. 9432 8x1 - 10x1 - 10x1.25 - 12x1.25 - 12x1.5 - 14x1.25 -

14x1.5 - 16x1.5 - 18x1.5mm

Extensible tap wrench Size 1 and 3, 1 pc for each size.

1 pc "T" tap wrench - Size 1

Die-holder, 1 pc for each size Ø 25.4 e 38.1mm.

9455	Each	456,00
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SCU

M

MF

9455





9456

SCU M MF



Product description as Art. 9440

Content:

1 series CHROME taps Art. 9412 mm 2-3-4-5-6-7-8-9-10-11-12-14-16
 1 series CHROME aps Art. 9416 mm 6x0,75 - 7x0,75 - 8x0,75 - 8x1 - 9x0,75 - 9x1 - 10x1
 10x0,75 - 10x1,25 - 11x0,75 - 11x1 - 11x1,25 - 12x0,75 - 12x1 - 12x1,25 - 12x1.5 - 14x1 - 14x1,25
 - 14x1,5 - 16x1 - 16x1.5 - 18x1,5
 1 pc. each size CHROME dies Art. 9430-type 2-3-4-5-6-7-8-9-10A 11-12-14-16
 1 pc. each size CHROME dies Art. 9432 mm 6x0,75 - 7x0,75 - 8x0,75 - 8x1 - 9x0,75 - 9x1 - 10x1
 10x0,75 - 10x1,25 - 11x0,75 - 11x1 - 11x1,25 - 12x0,75 - 12x1 - 12x1,25 - 12x1.5 - 14x1 - 14x1,25
 - 14x1,5 - 16x1 - 16x1.5 - 18x1,5
 1 pc. each size extensible tap wrenches Gr. 1 and 3
 1 pc. tap wrenches T - Gr. 1
 1 pc. each size die holder Ø 25.4 and 38.1 mm.

9456	Each	532,00
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On request can be supplied the nutscrews in boxes with taps and dies Whitworth threads, UNC, UNF.

UNIVERSAL ADJUSTABLE THREAD RESTORERS

9457GA
9457GB
9457GC

SCU

60°

Prod. SCU

Universal type for EXTERNAL threads, automatically adjustable to any thread pitch.
 Also for left-hand threads.

Die cast body, knurled screw and 2 steel blades, interchangeable (hardness 58 HRC).

For all 60° angle threads (Metric -UNC – UNF - NPT)

Capacity	mm	4 to 19
Capacity	inch	5/32 to 3/4
Weight	grams	225

9457GA	Each	93,60
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Two spare blades for Art. 9457 GA.

O9457GA	Per pair	29,70
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Product description as Art. 9457GA

For all 60° angle threads (Metric -UNC – UNF - NPT)

Capacity	mm	17 to 38
Capacity	inch	11/16 to 1.1/2
Weight	grams	545

9457GB	Each	136,00
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Couple of spare blades for Art. 9457 GB.

O9457GB	Per pair	43,90
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Universal type for OUTSIDE threads, suitable for any pitch.

To be used also on left-hand threads.

Sturdy steel body, knurled screw and 2 steel blades, interchangeable (hardness 58 HRC).

Additional handle for easier rotation.

Suitable for all threads with angle at 60° (Metric - UNC - UNF - NPT).

Capacity	mm	35 to 152
Capacity	inch	1.3/8 to 6
Weight	grams	1950

9457GC	Each	349,00
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Couple of spare blades for Art. 9457 GC.

O9457GC	Per pair	53,60
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9457GE
9457GF

SCU

55°

Product description as Art. 9457GA

For all 55° angle threads (BSW – BSF – BSP)

Capacity	inch	5/32 to 11/16
Weight	grams	225

9457GE	Each	93,60
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Two spare blades for Art. 9457 GE.

O9457GE	Per pair	29,70
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Product description as Art. 9457GA

For all 55° angle threads (BSW – BSF – BSP)

Capacity	inch	11/16 to 1.1/2
Weight	grams	545

9457GF	Each	136,00
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Two spare blades for Art. 9457 GF.

O9457GF	Per pair	40,50
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Universal type for INTERNAL threads that automatically adapts to any pitch.
To be used also on left-hand threads.
Blade-holder body and steel knurled screw. Steel blade, interchangeable (hardness 58 HRC).
With lever to rotate the tool.

Suitable for all threads with angle at 60° (Metric - UNC - UNF - NPT).

Capacity	mm	8 to 11
Capacity	inch	5/16 to 7/16
Weight	grams	160
9458GA	Each	104,00

Spare blade for Art. 9458 GA.

O9458GA	Each	19,10
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Product description as Art. 9458GA

Suitable for all threads with angle at 60° (Metric - UNC - UNF - NPT).

Capacity	mm	12 to 16
Capacity	inch	1/2 to 5/8
Weight	grams	170
9458GB	Each	107,00

Spare blade for Art. 9458 GB.

O9458GB	Each	19,40
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SCU

9458GA
9458GB



60°

Product description as Art. 9458GA

Suitable for all threads with angle at 60° (Metric - UNC - UNF - NPT).

Capacity	mm	16 to 20
Capacity	inch	11/16 to 13/16
Weight	grams	250
9458GC	Each	112,00

Spare blade for Art. 9458 GC.

O9458GC	Each	19,70
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Product description as Art. 9458GA

Suitable for all threads with angle at 60° (Metric - UNC - UNF - NPT).

Capacity	mm	22 to 32
Capacity	inch	7/8 to 1.1/4
Weight	grams	450
9458GE	Each	150,00

Spare blade for Art. 9458 GE.

O9458GE	Each	20,70
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SCU

9458GC
9458GE



60°

Product description as Art. 9458GA

Suitable for all threads with angle at 60° (Metric - UNC - UNF - NPT).

Capacity	mm	32 to 54
Capacity	inch	1.1/4 to 2.1/8
Weight	grams	950
9458GF	Each	262,00

Spare blade for Art. 9458 GF.

O9458GF	Each	23,80
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Blades for 55° threads and for articles 9458 GA-B-C-E-F available on request.

SCU

9458GF



60°

ASSORTMENTS OF THREAD REPAIR TOOLS

Prod. SCU

Supplied in handy and sturdy plastic case.

Each set contains:

- 1 thread repair tool for outside threads Art. 9457 GA
- 1 thread repair tool for outside threads Art. 9457 GB
- 1 couple of spare knives Art. O9457 GA
- 1 couple of spare knives Art. O9457 GB

9459GA	Each	240,00
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SCU

9459GA





9459GE **SCU**



Product description as Art. 9459GA
 Each set contains:
 1 thread repair tool for outside threads Art. 9457 GA
 1 couple of spare knives Art. O9457 GA
 1 thread repair tool for inside threads Art. 9458 GA
 1 thread repair tool for inside threads Art. 9458 GB
 1 thread repair tool for inside threads Art. 9458 GC
 1 spare blade Art. O9458 GA
 1 spare blade Art. O9458 GB
 1 spare blade Art. O9458 GC

9459GE Each **396,00**

9459GL **SCU**



Product description as Art. 9459GA
 Each set contains:
 1 thread repair tool for inside threads Art. 9458 GA
 1 thread repair tool for inside threads Art. 9458 GB
 1 thread repair tool for inside threads Art. 9458 GC
 1 spare blade Art. O9458 GA
 1 spare blade Art. O9458 GB
 1 spare blade Art. O9458 GC

9459GL Each **303,00**

9459GM **SCU**



Product description as Art. 9459GA
 Each set contains:
 1 thread repair tool for inside threads Art. 9458 GB
 1 thread repair tool for inside threads Art. 9458 GC
 1 thread repair tool for inside threads Art. 9458 GE
 1 spare blade Art. O9458 GB
 1 spare blade Art. O9458 GC
 1 spare blade Art. O9458 GE

9459GM Each **320,00**

Product running out of stock.

9459GP **SCU**



Product description as Art. 9459GA
 Each set contains:
 1 thread repair tool for inside threads Art. 9458 GB
 1 thread repair tool for inside threads Art. 9458 GC
 1 thread repair tool for inside threads Art. 9458 GE
 1 thread repair tool for inside threads Art. 9458 GF
 1 spare blade Art. O9458 GB
 1 spare blade Art. O9458 GC
 1 spare blade Art. O9458 GE
 1 spare blade Art. O9458 GF

9459GP Each **536,00**

Product running out of stock.

DIE HOLDERS

9460 **SCU**



Prod. SCU
 Painted body with bars.
 With adjusting and fixing screws. UNI-DIN Standards.
 In high-resistance steel. Fine quality.

Type		16	20	20A	20,6	25	25,4	30
For dies Ø UNI STD	mm	-	-	-	20,6	-	25,4	-
For dies Ø DIN STD	mm	16	20	20	-	25	-	30
For dies thickness	mm	5	7	5	-	9	-	11
9460	Each	10,60	12,30	12,30	12,30	14,10	14,10	14,10
Type		38	38A	38,1	45	45A	50,8	55
For dies Ø UNI STD	mm	-	-	38,1	-	-	50,8	-
For dies Ø DIN STD	mm	38	38	-	45	45	-	55
For dies thickness	mm	10	14	-	14	18	-	16
9460	Each	16,70	16,70	16,70	22,10	22,10	27,30	27,30
Type		55A	63,5	65	65A	75	75A	
For dies Ø UNI STD	mm	-	63,5	-	-	-	-	
For dies Ø DIN STD	mm	55	-	65	65	75	75	
For dies thickness	mm	22	-	18	25	20	30	
9460	Each	27,30	38,70	47,50	47,50	64,20	64,20	

Prices in EURO . VAT not included



Orig. Völkel - Art. 150

DIN 225 (DIN EN 22568). Made of high-strength steel. Body with finely worked seat, lacquered with polished, unscrewable levers. With adjustment and fixing screws. Extra quality.

Ø and thickness	mm	16x5	20x5	20x7	25x9	30x11	38x10	38x14
9465G	Each	4,36	4,36	4,36	5,38	8,56	14,10	14,10
Ø and thickness	mm	45x14	45x18	55x16	55x22	65x18	65x25	
9465G	Each	17,30	17,30	22,80	22,80	32,10	32,10	



9465G



Orig. Völkel - Art. 152

DIN 225 (DIN EN 22568). Made of high-strength steel. Body with finely worked seat, lacquered with polished, unscrewable levers. With adjustment and fixing screws. Extra quality.

Ø and thickness	mm	45x18	55x22	65x25	75x20	75x30	90x22	90x36
9467G	Each	32,10	45,10	56,60	92,90	92,90	120,00	120,00
Ø and thickness	mm	105x22	105x36					
9467G	Each	143,00	143,00					



9467G



PIPE DIE HOLDERS

Prod. SCU

In steel.

Both ends are arranged for mounting of two round dies with different diameter.

Art.		9468	9469	9470
For dyes Ø	mm	20,6x25,4	25,4x38,1	38,1x50,8
	Each	31,70	42,20	53,60



9468
9469
9470

ADJUSTABLE TAP WRENCHES

Prod. SCU

Painted body with levers.

Hardened clamping wedges.

In high-resistance steel. Fine quality.

Size		0	1	2	3	4
For taps by Withworth	inch	1/16 to 1/4	1/16 to 3/8	1/32 to 1/2	7/32 to 3/4	7/16 to 1
For taps by	M.	1 to 8	1 to 10	4 to 12	5 to 20	9 to 27
Drive framework opening	mm	2,1 to 4,9	2,1 to 5,5	3,4 to 9	4,9 to 12	5,5 to 16
9472	Each	17,60	17,60	24,60	35,20	47,50
Size		5	6	7		
For taps by Withworth	inch	1/2 to 1 1/4	3/4 to 1 1/2	1-2 1/2		
For taps by	M.	13 to 33	19 to 39	27 to 64		
Drive framework opening	mm	7 to 20	11 to 24	16 to 40		
9472	Each	62,40	97,60	97,60		



9472

Orig. Völkel - Art. 130

DIN 1814. High-resistance die cast. Lacquered body with polished levers.

Hardened and ground clamping wedges. Extra quality.

Size		0	1	1 1/2	2	3
For taps by Withworth	inch	1/16 to 1/4	1/16 to 3/8	1/16 to 1/2	5/32 to 1/2	7/32 to 3/4
For taps by	M.	1 to 8	1 to 10	1 to 12	4 to 12	5 to 20
Drive framework opening	mm	2 to 5	2 to 6,3	2,1 to 8	3 to 9	4,9 to 12
9476G	Each	5,52	5,82	5,82	9,58	18,90
Size		4	5			
For taps by Withworth	inch	7/16 to 1	1/2 to 1 1/4			
For taps by	M.	11 to 27	13 to 32			
Drive framework opening	mm	5,5 to 16	7 to 20			
9476G	Each	35,60	49,40			



9476G



Orig. Völkel - Art. 140

DIN 1814. High-resistance die cast. Lacquered body with polished levers.

Hardened and ground clamping wedges. Extra quality.

Size		0	1	1 1/2	2	3
For taps by Withworth	inch	1/16 to 1/4	1/16 to 3/8	1/16 to 1/2	5/32 to 1/2	7/32 to 3/4
For taps by	M.	1 to 8	1 to 10	1 to 12	4 to 12	5 to 20
Drive framework opening	mm	2 to 5	2 to 6,3	2,1 to 8	3 to 9	4,9 to 12
9478G	Each	9,00	9,58	9,58	18,60	33,60
Size		4	5	6	7	
For taps by Withworth	inch	7/16 to 1	1/2 to 1 1/4	3/4 to 1 1/2	1 to 2 1/8	
For taps by	M.	11 to 27	13 to 32	18 to 42	25 to 52	
Drive framework opening	mm	5,5 to 16	7 to 20	11 to 24	16 to 32	
9478G	Each	58,10	72,60	124,00	138,00	



9478G





ADJUSTABLE MINI TAP WRENCHES

9481G

Dürr**Orig. Dürr - Art. G 40**

With hardened steel jaws.
Cylindrical-shaped, light, high threading sensitivity with small taps, avoiding breakage.
Body dia. 40mm.
For taps Whitworth 1/16 to 3/32 inches / M 1 to 2.6.
Square drive max opening up to 2.4mm.

9481G Each 54,10

TAP WRENCHES WITH JAW CHUCK

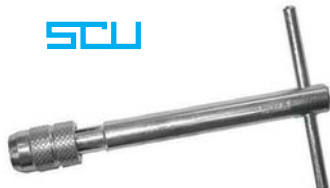
9482

SCU**Prod. SCU**

In steel. With 4 hardened jaws.
For threading in difficult to access positions.
Short type.

Size	0	1	2	3	4
For taps by M.	1 to 2,5	3 to 4	4 to 8	9 to 11	12
Overall length mm	60	80	90	90	100
Drive framework opening mm	1,8 to 2,1	2,7 to 3,4	3,4 to 4,9	4,9 to 6,2	7 to 8
9482 Each	5,28	10,60	10,60	12,30	22,10

9484

SCU

Product description as Art. 9482

Long type.

Size	1	2	3	4
For taps by M.	3 to 4	4 to 8	9 to 11	12
Overall length mm	150	150	150	150
Drive framework opening mm	2,7 to 3,4	3,4 to 4,9	4,9 to 6,2	7 to 8
9484 Each	12,30	12,30	14,10	22,90

9486

SCU

Product description as Art. 9482

Very long type.

Size	1	2	3	4
For taps by M.	3 to 4	4 to 8	9 to 11	12
Overall length mm	200	200	200	200
Drive framework opening mm	2,7 to 3,4	3,4 to 4,9	4,9 to 6,2	7 to 8
9486 Each	14,10	17,60	19,40	29,10

9490G

schröder
Made in Germany**Orig. Schröder**

Short type, high quality.
Fully made of steel. Collet with 2 hardened jaws.
Burnished finish.

Size	1	2
For taps by M.	3 to 8	5 to 12
Overall length mm	109	112
Drive framework opening mm	2 to 5	4,6 to 8
Supplier code	4.001.0	4.002.0.
9490G Each	12,10	14,40

9491G

new

GEDORE**Orig. Gedore - Art. SB 8551 TGZ1-2**

Short, high quality type equipped with LEVEL on the tool head, to facilitate correct alignment of the tap with the hole inlet.
For fixed, right- and left-hand use. Collet with 2 hardened jaws.
Chrome-plated finish.

Size	1	2
For taps by M.	3 to 8	5 to 12
Overall length mm	85	180
Drive framework opening mm	2,4 to 5,5	4,5 to 8
9491G Each	27,70	32,40

9492G

schröder
Made in Germany**Orig. Schröder**

Short ratchet type, high quality.
For fixed, right and left-hand use. Collet with 2 hardened jaws.
Chrome-plated finish.

Size	0	1	2	3
For taps by M.	1 to 2,6	3 to 8	5 to 12	13 to 20
Overall length mm	85	85	110	117
Drive framework opening mm	1 to 2,6	2 to 5	4,6 to 8	9 to 12,5
Supplier code	4.005.4	4.006.4	4.007.4	4.003.4
9492G Each	18,10	14,90	19,50	77,50

Size 3 is equipped with additional hexagon 22mm.



Orig. Völkel

Short ratchet type.
For fixed, right and left-hand use. Collet with 2 hardened jaws.
Chrome-plated finish.

Size		1	2
For taps by	M.	3 to 10	5 to 12
Overall length	mm	85	100
Drive framework opening	mm	2,4 to 5,5	4,5 to 8
Supplier code		10001	10002
9492GE	Each	12,40	15,30



9492GE

Orig. Schröder

Long ratchet type, high quality.
For fixed, right and left-hand use. Collet with 2 hardened jaws.
Chrome-plated finish.

Size		1	2
For taps by	M.	3 to 8	5 to 12
Overall length	mm	250	300
Drive framework opening	mm	2 to 5	4,6 to 8
Supplier code		4.008.4	4.009.4
9494G	Each	23,60	28,30



9494G

Orig. Völkel

Long ratchet type.
For fixed, right and left-hand use. Collet with 2 hardened jaws.
Chrome-plated finish.

Size		1	2
For taps by	M.	3 to 10	5 to 12
Overall length	mm	250	300
Drive framework opening	mm	2,4 to 5,5	4,5 to 8
Supplier code		10010	10020
9494GE	Each	20,40	24,70



9494GE

EXTENSIONS FOR TAP WRENCHES WITH JAW CHUCK

Orig. Schröder

For extending tap wrenches Art. 9490 G / 9492 G / 9494 G Size 2 and reach particularly deep working areas. Fully made of steel.
Collets with 2 hardened jaws and control panel. Burnished finish.

Size		1	2
For taps by	M.	3 to 8	5 to 12
Overall length	mm	175	250
Chuck opening	mm	2 to 5	4,6 to 8
Operating framework	mm	5,6	7
Supplier code		4.015.4	4.016.4
9495G	Each	15,90	18,20



9495G

TAP WRENCHES WITH JAW CHUCK AND HEXAGONAL SHANK

Orig. Schröder

Hex drive for use with screwdrivers, screwdrivers, screws, drills and bits-holder handles.
With screwdrivers and drills it is necessary to use the connections Art. 1995 GB or 1996 GB.
Fully made of steel.
Collet with 2 hardened jaws.
Chrome-plated finish.

Size		1	2
For taps by	M.	3 to 8	5 to 12
Drive framework opening	mm	2 to 5	4,6 to 8
Hexagonal drive	inch	1/4	5/16
Supplier code		4.018.4	4.019.4
9496G	Each	9,46	11,10



9496G

Type with hexagonal shank 1/4 "DIN 3126 E 6.3.
For DIRECT use with screwdrivers, electric or battery driven drills. Fully made of steel.
Collet with 2 hardened jaws. Chrome plated.

Size		1	2
For taps by	M.	3 to 8	5 to 12
Drive framework opening	mm	2 to 5	4,6 to 8
Supplier code		40214	40224
9496GA	Each	10,50	12,10



9496GA



TAP WRENCHES WITH JAW CHUCK AND SQUARE SHANK 1/4

9497GA GEDORE



1/4"

Orig. Gedore - Art. 8553

Type with 1/4 female square drive to be used with ratchet heads, sliding bars, extensions, etc. Fully made of steel. Collet with 2 hardened jaws.

Chrome-plated finish.

For taps M 3 to M 6, square drive opening 3.5 to 6mm.

9497GA Each 30,10

DIE STOCKS WITH SQUARE SHANK 1/4

9497GL GEDORE



1/4"

Orig. Gedore - Art. 8553

Type with 1/4 female square drive to be used with ratchet heads, sliding bars, extensions, etc. Fully made of steel. With adjusting and fixing screws.

Chrome-plated finish.

For dies Ø 20mm.

9497GL Each 39,10

Assortment threading containing the Art. 9497 GA and GL 9497 see Art. 9387 G.

INOX THREADED RIVETS

9500G



INOX

Orig. V-Coil

DIN 8140

Suitable for thread regeneration. Free sliding. In rhomboid-section stainless steel, spring-shaped, it creates two perfectly concentric threads, one external coupling with the threaded hole previously made, and one internal for screw coupling, etc.

Drive shank for insertion in the hole, to be removed after installation by using a suitable cutting tool.

THREADED INSERTS ONLY

Packing units: 100pcs, not sold separately, up to Ø 12mm. From Ø 14mm up to 16mm packing units: 50pcs, Ø 18mm and 20mm packing units: 25pcs, Ø 22 and 24mm packing units: 10pcs.

Type	M	3 0.5	4 0.7	5 0.8	5 0.8A	5 0.8B	5 0.8C	6 1	6 1A	6 1B	7 1	8 1	8 1.25	8 1.25A	8 1.25B	9 1.25
Ø	mm	3	4	5	5	5	5	6	6	6	7	8	8	8	8	9
Pitch	mm	0,5	0,7	0,8	0,8	0,8	0,8	1	1	1	1	1	1,25	1,25	1,25	1,25
Thread length	mm	4,5	6	7,5	5	10	12,5	9	6	12	10,5	12	12	8	16	13,5
Supplier code		07305	07307	07308	07208	07408	07508	07309	07209	07409	07310	07312	07311	07211	07411	07313
9500G	Each	0,22	0,22	0,20	0,24	0,26	0,32	0,20	0,24	0,30	0,34	0,30	0,26	0,26	0,36	0,48

Type	M	10 1	10 1.25	10 1.25A	10 1.5	10 1.5A	10 1.5B	12 1	12 1.25	12 1.25A	12 1.5	12 1.75	12 1.75A	12 1.75B	14 1.25	14 1.25A
Ø	mm	10	10	10	10	10	10	12	12	12	12	12	12	12	14	14
Pitch	mm	1	1,25	1,25	1,5	1,5	1,5	1	1,25	1,25	1,5	1,75	1,75	1,75	1,25	1,25
Thread length	mm	15	10	15	15	10	20	18	12	18	18	18	12	24	21	8,4
Supplier code		07317	07216	07316	07315	07215	07415	07324	07223	07323	07322	07321	07221	07421	07327	07128
9500G	Each	0,36	0,34	0,36	0,36	0,34	0,42	0,56	0,48	0,56	0,56	0,56	0,56	0,48	0,64	0,78

Type	M	14 1.25B	14 1.25C	14 1.5	14 2	16 1.5	16 2	18 2.5	20 2	20 2.5	22 2.5	24 1.5	24 2	24 3
Ø	mm	14	14	14	14	16	16	18	20	20	22	24	24	24
Pitch	mm	1,25	1,25	1,5	2	1,5	2	2,5	2	2,5	2,5	1,5	2	3
Thread length	mm	12,4	16,4	21	21	24	24	27	30	30	33	36	36	36
Supplier code		07228	07328	07326	07325	07335	07334	07336	07340	07339	07342	07347	07346	07345
9500G	Each	0,78	0,78	0,78	0,78	0,98	0,98	1,58	2,00	2,00	2,14	2,28	2,28	2,28

Ø 14x1.25 A/B/C are suitable for sparks. Additional diameters up to M52 available on request.

9500GA



INOX

Product description as Art. 9500G

SEPARATE THREADED INSERTS, LENGTH 1.5xØ

Packs of 100 pcs, not sold separately.



Thread Ø UNC	inch	Nr. 2	Nr. 4	Nr. 5	Nr. 6	Nr. 8	Nr. 10	Nr. 12
Threads per inch	No.	56	40	40	32	32	24	24
Supplier code		08300	08301	08302	08303	08304	08305	08306
9500GA	Each	0,78	0,24	0,28	0,24	0,24	0,26	0,30

Thread Ø UNC	inch	1/4	5/16	3/8	7/16	1/2
Threads per inch	No.	20	18	16	14	13
Supplier code		08307	08308	08309	08310	08311
9500GA	Each	0,30	0,44	0,56	0,74	0,74

9500GB



INOX

Product description as Art. 9500G

SEPARATE THREADED INSERTS, LENGTH 1.5xØ

Packs of 100 pcs, not sold separately.



Thread Ø UNF	inch	Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8	7/16	1/2
Threads per inch	No.	48	40	36	32	28	24	24	20	20
Supplier code		08390	08391	08392	08393	08325	08326	08327	08328	08329
9500GB	Each	0,68	0,68	0,68	0,28	0,28	0,38	0,56	0,74	0,74



Product description as Art. 9500G

SEPARATE THREADED INSERTS, LENGTH 1.5xØ

Packs of 100 pcs, not sold separately.

Thread Ø BSW	inch	1/8	3/16	1/4	5/16	3/8	7/16	1/2
Threads per inch	No.	40	24	20	18	16	14	12
Supplier code		08341	08342	08343	08344	08345	08346	08347
9500GE	Each	0,92	0,92	0,38	0,46	0,76	0,94	0,94



INOX 9500GE



BSW

Product description as Art. 9500G

SEPARATE THREADED INSERTS, LENGTH 1.5xØ

Packs of 100 pcs, not sold separately.

Thread Ø BSF	inch	3/16	1/4	5/16	3/8	7/16	1/2
Threads per inch	No.	32	26	22	20	18	16
Supplier code		08362	08363	08365	08366	08367	08368
9500GF	Each	0,92	0,38	0,46	0,76	0,94	0,94



INOX 9500GF



BSF

Product description as Art. 9500G

SEPARATE THREADED INSERTS, LENGTH 1.5xØ

Up to Ø 1/2" inch, packs of 50 pcs, not sold separately;

from Ø 5/8" inch, packs of 5 pcs, not sold separately.

Thread Ø BSP (G)	inch	1/8	1/4	3/8	1/2	5/8	3/4	1
Threads per inch	No.	28	19	19	14	14	14	11
Supplier code		08380	08381	08382	08383	08384	08385	08387
9500GL	Each	0,58	0,86	1,00	1,28	3,20	3,20	9,84



INOX 9500GL



BSP

TAPS FOR THREADED INSERTS

Special type for housing threaded inserts Art. 9500 G.



9501G



M MF

For int Ø	mm	3	4	5	6	7	8	8	9	10	10	10	12	12	12
Pitch	mm	0,5	0,7	0,8	1	1	1	1,25	1,25	1	1,25	1,5	1	1,25	1,5
Pre-hole Ø	mm	3,2	4,2	5,2	6,3	7,3	8,3	8,3	9,3	10,3	10,3	10,4	12,3	12,3	12,4
Supplier code		03005	03007	03008	03009	03010	03012	03011	03013	03017	03016	03015	03023	03022	03021
9501G	Each	8,70	8,70	8,70	8,70	10,90	10,90	10,90	13,30	13,30	13,30	13,30	18,30	18,30	18,30

For int Ø	mm	12	14	14	14	16	16	18	20	20	22	24	24	24
Pitch	mm	1,75	1,25	1,5	2	1,5	2	2,5	2	2,5	2,5	1,5	2	3
Pre-hole Ø	mm	12,4	14,5	14,5	14,5	16,4	16,5	18,6	20,5	20,6	22,6	24,5	24,5	24,75
Supplier code		03020	03029	03028	03027	0303	03033	03035	03039	03038	03041	03046	03045	03044
9501G	Each	15,10	20,80	20,80	20,80	26,20	26,20	32,80	36,40	36,40	41,90	52,90	52,90	52,90

TAPS FOR THREADED INSERTS

Special type for housing threaded inserts Art. 9500 GA.

For threads UNC	inch	Nr. 2	Nr. 4	Nr. 5	Nr. 6	Nr. 8	Nr. 10	Nr. 12
Pre-hole Ø	mm	2,4	3,0	3,4	3,7	4,4	5,1	5,7
Supplier code		03100	03101	03102	03103	03104	03105	03106
9501GA	Each	13,10	13,10	13,10	13,10	13,10	13,10	13,10



9501GA



UNC/NC

For threads UNC	inch	1/4	5/16	3/8	7/16	1/2
Pre-hole Ø	mm	6,7	8,3	9,9	11,6	13,0
Supplier code		03107	03108	03109	03110	03111
9501GA	Each	8,54	9,40	9,84	13,10	15,10

TAPS FOR THREADED INSERTS

Special type for housing threaded inserts Art. 9500 GB.

For threads UNF		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Pre-hole Ø	mm	3,0	3,7	4,4	5,1	6,6	8,2	9,8
Supplier code		03151	03152	03153	03154	03155	03156	03157
9501GB	Each	13,10	13,10	13,10	13,10	8,54	9,40	9,84



9501GB



UNF/NF

For threads UNF		7/16	1/2
Pre-hole Ø	mm	11,5	13,0
Supplier code		03158	03159
9501GB	Each	13,10	15,10



9501GE **V-COIL**
THREAD INSERT SYSTEM



BSW

TAPS FOR THREADED INSERTS

Special type for housing threaded inserts Art. 9500 GE.

For threads BSW	inch	1/8	3/16	1/4	5/16	3/8	7/16	1/2
Pre-hole Ø	mm	3,4	5,1	6,7	8,3	9,9	11,6	13,0
Supplier code		03201	03202	03203	03204	03205	03206	03207
9501GE	Each	8,54	8,54	8,54	9,40	9,84	13,10	15,10

9501GF **V-COIL**
THREAD INSERT SYSTEM



BSF

TAPS FOR THREADED INSERTS

Special type for housing threaded inserts Art. 9500 GF.

For threads BSF	inch	3/16	1/4	5/16	3/8	7/16	1/2
Pre-hole Ø	mm	5,0	6,6	8,3	9,9	11,6	13,0
Supplier code		03251	03253	03255	03256	03257	03258
9501GF	Each	8,54	8,54	9,40	9,84	13,10	15,10

9501GL **V-COIL**
THREAD INSERT SYSTEM



BSP

TAPS FOR THREADED INSERTS

Special type for housing threaded inserts Art. 9500 GL.

Thread BSB (G)		1/8	1/4	3/8	1/2	5/8	3/4	1
Pre-hole Ø	mm	10	13,60	17,10	21,50	23,40	27	33,70
Supplier code		03301	03302	03303	03304	03305	03306	03307
9501GL	Each	12,40	15,70	20,40	33,20	48,90	48,90	77,80

9502GA **V-COIL**
THREAD INSERT SYSTEM



APPLICATION TOOLS

For mounting threaded inserts Art. 9500 G to 9500 GF.

Size		2	4	5	6	7
For metric inserts	M	2x0,4 and 2,2x0,45	3x0,5	3,5x0,6	4x0,7	-
For inserts with threads		UNC Nr. 2	UNC Nr. 5, UNC/UNF Nr. 4, BSW 1/8	UNC/UNF Nr. 6	UNC/UNF Nr. 8	UNC Nr. 10, BSW 3/16
Supplier code		08002	08004	08005	08006	08007
9502GA	Each	8,54	8,54	8,54	8,54	8,54
Size		8	9	10	11	12
For metric inserts	M	5x0,8	6x1	7x1	8x1 and 8x1,25	9x1 and 9x1,25
For inserts with threads		UNF Nr. 10, UNC Nr. 12, BSF 3/16	UNC/UNF/BSW/BSF 1/4	UNC/BSW 5/16	UNF/BSF 5/16	UNC/BSW 3/8
Supplier code		08008	08009	08010	08011	08012
9502GA	Each	8,54	8,54	9,68	9,68	10,70
Size		13	14	15	16	17
For metric inserts	M	10x1, 10x1,25, 10x1,5	11x1,25 and 11x1,5	12x1, 12x1,25, 12x1,5, 12x1,75	14x1,5 and 14x2	14x1 and 14x1,25
For inserts with threads		UNF/BSF 3/8	UNC/UNF/BSW/BSF 7/16	UNC/UNF/BSW/BSF 1/2	UNC/UNF/BSW/BSF 9/16	-
Supplier code		08013	08014	08015	08016	08017
9502GA	Each	10,70	12,30	12,30	14,70	14,70
Size		18	20	21	22	23
For metric inserts	M	16x1,5 and 16x2	18x1,5, 18x2, 18x2,5	20x1,5, 20x2, 20x2,5	22x1,5, 22x2, 22x2,5	24x1,5, 24x2, 24x3
For inserts with threads		UNC/UNF/BSW/BSF 5/8	UNC/BSW/BSF 3/4	UNF 3/4	UNC/UNF/BSW/BSF 7/8	UNC/UNF/BSW/BSF 1"
Supplier code		08018	08020	08021	08022	08023
9502GA	Each	16,30	16,30	16,30	20,40	20,40

9502GAR **V-COIL**
THREAD INSERT SYSTEM



1/4"

APPLICATION TOOLS WITH HEXAGONAL JOINT 1/4 DIN 3126 C6,3

Handy or machine application, to install threaded inserts Art. 9500 G as well as all inside threaded bushings from M 3 to M 12.

For metric inserts	M	3	4	5	6	8	10	12
Hexagonal drive	inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Supplier code		08091	08092	08093	08094	08095	08096	08097
9502GAR	Each	8,54	8,54	8,54	8,54	9,68	10,40	12,30

9502GAS **V-COIL**
THREAD INSERT SYSTEM



1/2"

1/4"

APPLICATION TOOLS WITH HEXAGONAL JOINT 1/4-1/2 DIN 3126 C6,3

Handy or machine application, to install threaded inserts Art. 9500 GL as well as all inside threaded bushings from BSP (G) 1/8" to 1".

For BSP (G) inserts	inch	1/8	1/4	3/8	1/2	5/8	3/4	1
Threads per inch	No.	28	19	19	14	14	14	11
Hexagonal drive	inch	1/4	1/4	1/4	1/4	1/2	1/2	1/2
Supplier code		08080	08081	08082	08083	08084	08085	08087
9502GAS	Each	14,10	14,10	16,10	18,60	23,30	23,30	32,40



APPLICATION TOOLS WITH HEXAGONAL JOINT 1/4 DIN 3126 E6,3

Machine application, to install threaded inserts Art. 9500 G and all inside threaded bushings from M 3 to M 12. Turning depth adjustable by hex bushing.

For metric inserts	M	3	4	5	6	8	10	12
Bush hexagonal wrench opening	mm	6	7	8	10	12	14	16
Overall length	mm	46	56	62	76	85	96	107
Supplier code		08070	08071	08072	08073	08074	08075	08076
9502GAT	Each	12,10	12,10	12,10	12,10	14,70	16,30	18,10



9502GAT



1/4"

CUTTING TOOLS

For removal of the drive shank of the inserts Art. 9500 G to 9500 GL (except for inserts with Ø 14mm.)

Size		2	4	5	6	8	9
For metric inserts Ø	M	2x0,4 and 2,2x0,45	3x0,5	3,5x0,6	4x0,7	5x0,8	6x1
For inserts with thread		UNC Nr. 2	UNC/UNF Nr. 4	UNC/UNF Nr. 6	UNC/UNF Nr. 8, UNC Nr. 10, BSF 3/16	UNF 10, UNC 12, BSW 3/16	UNC/UNF/BSW/BSF 1/4
Supplier code		07002	07004	07005	07006	07008	07009
9502GB	Each	3,56	3,56	3,56	3,56	3,56	3,56

Size		11	12	13	14	15
For metric inserts Ø	M	7x1, 8x1, 8x1,25	9x1 and 9x1,25	10x1, 10x1,25, 10x1,5	11x1,25 and 11x1,5	12x1, 12x1,25, 12x1,5, 12x1,75
For inserts with thread		UNC/UNF 5/16	UNC/BSW/BSF 3/8	UNF 3/8, BSP(G) 1/8	UNC/UNF/BSW/BSF 7/16	UNC/UNF/BSW/BSF 1/2
Supplier code		07011	07012	07013	07014	07015
9502GB	Each	4,00	4,00	4,00	4,84	4,84



9502GB



For inserts Ø from 14mm to 22mm tang removal may be carried out by means of a thin nose pliers (vsee from Art. 247 G to Art. 251 GB).

PULLING TOOLS

For extracting mounted threaded inserts.

Size		2	3
For metric inserts	M	3 to 10	11 to 24
For inserts with thread		UNC/UNF 4 to UNC/UNF 3/8, BSW 1/8 to BSW 3/8, BSF 3/16 to BSF 3/8	UNC/UNF 7/16 to UNC/UNF 1/2, BSW/BSF 7/16 to BSW/BSF 1/2
Supplier code		07052	07053
9502GC	Each	18,10	21,80



9502GC



Suitable for thread regeneration. Free sliding. In rhombodail-section stainless steel, spring-shaped, it creates two perfectly concentric threads, one external coupling with the threaded hole previously made, and one internal for screw coupling, etc.

Drive shank for insertion in the hole, to be removed after installation by using a suitable cutting tool.

SETS OF MONO-SIZE THREADED INSERTS LENGHT 1,5 x Ø

Each set contains:

- 1 size of threaded inserts according to the indicated quantity,
- 1 HSS spotting drill (except for Ø 14mm and Ø 24mm), 1 threading tap, 1 tool for the application,
- 1 tool for cutting (except for Ø 14mm and Ø 24mm).

In box.

Ø for male pitch	mm	3x0,5	4x0,7	5x0,8	6x1	7x1	8x1	8x1,25	9x1,25	10x1
Tip Ø	mm	3,2	4,2	5,2	6,3	7,3	8,3	8,3	9,3	10,3
Insert quantity	No.	20	20	20	20	20	20	20	15	15
Applying tool	Gr	4	6	8	9	10	11	11	12	13
Cutting tool	Gr	4	6	8	9	11	11	11	12	13
Supplier code		04005	04007	04009	04010	04011	04013	04012	04014	04018
9503G	Each	29,40	29,40	30,50	32,90	41,90	41,90	41,90	46,50	44,80

Ø for male pitch	mm	10x1,25	10x1,5	12x1	12x1,25	12x1,5	12x1,75	14x1,25	14x1,5	14x2
Tip Ø	mm	10,3	10,4	12,3	12,3	12,4	12,4	-	-	-
Insert quantity	No.	15	15	10	10	10	10	10	10	10
Applying tool	Gr	13	13	15	15	15	15	17	16	16
Cutting tool	Gr	13	13	15	15	15	15	-	-	-
Supplier code		04017	04016	04024	04023	04022	04021	04030	04029	04028
9503G	Each	44,80	44,80	50,20	50,20	50,20	50,20	56,10	56,10	56,10

Ø for male pitch	mm	16x1,5	16x2	18x2,5	20x2	20x2,5	22x2,5	24x1,5	24x2	24x3
Tip Ø	mm	-	-	-	-	-	-	-	-	-
Insert quantity	No.	10	10	5	5	5	5	5	5	5
Applying tool	Gr	18	18	20	21	21	22	23	23	23
Cutting tool	Gr	-	-	-	-	-	-	-	-	-
Supplier code		04033	04032	04034	04038	04037	04040	04045	04044	04043
9503G	Each	68,10	68,10	80,60	87,30	87,30	101,00	116,00	116,00	116,00



9503G



M

MF

For the diameter of not supplied drill tips see Art. 9500 G.

**9503GA** **V-COIL**
THREAD INSERT SYSTEM

UNC

Product description as Art. 9503G

SETS OF MONO-SIZE THREADED INSERTS LENGHT 1,5 x Ø

Each set contains:

No.1 size of threaded inserts according to the indicated quantity, No.1 HSS spotting drill, No.1 threading tap, No.1 tool for the application, No.1 tool for cutting.

Supplied in case.

Thread UNCxNo. of three-		2x56	4x40	5x40	6x32	8x32	10x24
Tip Ø	mm	2,4	3,1	3,4	3,8	4,4	5,2
Insert quantity	No.	20	20	20	20	20	20
Applying tool	Gr	2	4	4	5	6	7
Cutting tool	Gr	2	4	4	5	6	6
Supplier code		04100	04101	04106	04102	04103	04104
9503GA	Each	42,80	38,60	38,60	38,60	38,60	38,60
Thread UNCxNo. of three-		12x24	1/4x20	5/16x18	3/8x16	7/16x14	1/2x13
Tip Ø	mm	5,8	6,7	8,3	9,9	11,6	13
Insert quantity	No.	20	20	20	15	10	10
Applying tool	Gr	8	9	10	12	14	15
Cutting tool	Gr	8	9	10	12	14	15
Supplier code		04105	04107	04108	04109	04110	04111
9503GA	Each	38,60	34,80	42,60	45,50	51,10	56,10

9503GB **V-COIL**
THREAD INSERT SYSTEM

UNF

Product description as Art. 9503G

SETS OF MONO-SIZE THREADED INSERTS LENGHT 1,5 x Ø

Each set contains:

No.1 size of threaded inserts according to the indicated quantity, No.1 HSS spotting drill, No.1 threading tap, No.1 tool for the application, No.1 tool for cutting.

Supplied in case.

Thread UNF x No. of threads		4x48	6x40	8x36	10x32	1/4x28	5/16x24
Tip Ø	mm	3	3,8	4,4	5,1	6,7	8,3
Insert quantity	No.	20	20	20	20	20	20
Applying tool	Gr	4	5	6	8	9	11
Cutting tool	Gr	4	5	6	8	9	11
Supplier code		04120	04121	04122	04123	04125	04126
9503GB	Each	38,60	38,60	38,60	38,60	34,80	42,60
Thread UNF x No. of threads		3/8x24	7/16x20	1/2x20			
Tip Ø	mm	9,8	11,5	13			
Insert quantity	No.	15	10	10			
Applying tool	Gr	13	14	15			
Cutting tool	Gr	13	14	15			
Supplier code		04127	04128	04129			
9503GB	Each	45,50	51,10	56,10			

9503GE **V-COIL**
THREAD INSERT SYSTEM

BSW

Product description as Art. 9503G

SETS OF MONO-SIZE THREADED INSERTS LENGHT 1,5 x Ø

Each set contains:

No.1 size of threaded inserts according to the indicated quantity, No.1 HSS spotting drill, No.1 threading tap, No.1 tool for the application, No.1 tool for cutting.

Supplied in case.

Ø x No. of threads	inchxNo	1/8x40	3/16x24	1/4x20	5/16x18	3/8x16	7/16x14	1/2x12
Tip Ø	mm	3,4	5	6,7	8,3	9,9	11,5	13
Insert quantity	No.	20	20	20	20	15	10	10
Applying tool	Gr	4	8	9	10	12	14	15
Cutting tool	Gr	4	8	9	11	12	14	15
Supplier code		04141	04142	04143	04144	04145	04146	04147
9503GE	Each	38,60	38,60	34,80	42,60	45,50	51,10	56,10

9503GF **V-COIL**
THREAD INSERT SYSTEM

BSF

Product description as Art. 9503G

SETS OF MONO-SIZE THREADED INSERTS LENGHT 1,5 x Ø

Each set contains:

No.1 size of threaded inserts according to the indicated quantity, No.1 HSS spotting drill, No.1 threading tap, No.1 tool for the application, No.1 tool for cutting.

Supplied in case.

Ø x No. of threads	inchxNo	3/16x32	1/4x26	5/16x22	3/8x20	7/16x18	1/2x16
Tip Ø	mm	5	6,6	8,3	9,9	11,5	13
Insert quantity	No.	20	20	20	15	10	10
Applying tool	Gr	8	9	11	13	14	15
Cutting tool	Gr	6	9	11	13	14	15
Supplier code		04162	04163	04165	04166	04167	04168
9503GF	Each	38,60	34,80	42,60	45,50	51,30	56,10



Orig. V-Coil - Art. 04096

Product description as Art. 9503G
ASSORTMENTS OF MULTI-DIMENSION THREADED INSERTS

The set contains:
No.5 pcs. for each size of inserts Art. 9500 G 14x1,25A/ 14x1,25B/ 14x1,25C
No.1 tap Art. 9501 G 14x1,25
No.1 tool for the application Art. 9502 GA 17
Supplied in case.

9504A Each **71,20**

The insert drill 14x1,25 A/14x1,25 B/14x1,25 C (not included) must be Ø 14.4mm.



9504A



M

Orig. V-Coil - Art. 04080

Product description as Art. 9503G
Content:

10 pcs. each size inserts Art. 9500 G 5x0,8/5x0,8A/5x0,8B/6x1/6x1A/6x1B/8x1,25/8x1,25A/
8x1,25B/10x1,5/10x1,5A/10x1,5B 5 pcs. each size inserts Art. 9500 G G 12x1,75/12x1,75A/
12x1,75B
5 pcs HSS drills mm 5.2 / 6.3 / 8.3 / 10.4 / 12.4
5 pcs . taps Art. 9501 G 5x0,8 / 6x1 / 8x1,25 / 10x1,5 / 12x1,75
5 pcs. applicator tools Art. 9502 GA Gr. 8/9/11/13/15
5 pcs. powercutters Art tools. 9502 GB Gr. 8/9/11/13/15
1 pc. tap wrenches Art. 9476 G 2
1 pc. pitch gauge
In box.

9504C Each **235,00**



9504C



M

Orig. V-Coil - Art. 04081

Product description as Art. 9503G
Each set contains:

25 pcs. per size inserts Art. 9500 G 5x0.8/6x1/8x1.25/10x1.5
10 pcs. inserts Art. 9500 G 12x1.75
5 pcs. HSS drills 5.2/6.3/8.3/10.4/12.4mm
5 pcs. taps Art. 9501 G 5x0.8/6x1/8x1.25/10x1.5/12x1.75
5 pcs. for application tools Art. 9502 GA Size 8/9/11/13/15
5 pcs. for cutting tools Art. 9502 GB Size 8/9/11/13/15
Supplied in case.

9504E Each **214,00**



9504E



M

Orig. V-Coil - Art. 04083

Product description as Art. 9503G
The set contains:

inserts, 25 pcs for each size, Art. 9500 G 6x1/8x1.25/10x1.5
inserts, 10 pcs for each size, Art. 9500 G 12x1.75/14x1.25C
4 HSS drills 6.3/8.3/10.4/12.4
5 taps Art. 9501 G 6x1/8x1.25/10x1.5/12x1.75/14x1.25
5 application tools Art. 9502 GA Size 9/11/13/15/17
4 cutting tools Art. 9502 GB Size 9/11/13/15
In case.

9504G Each **243,00**

The insert drill 14x1.25C (not included) must be Ø 14.5mm.



9504G



M



9504P



M

Orig. V-Coil - Art. 04385

Product description as Art. 9503G

Contents:

- 10 pcs per size, inserts Art. 9500 G 6x1/8x1.25/10x1.5
 - 3 HSS bits 6.3/8.3/10.4mm 1/4 hex drive (C 6.3)
 - 3 HSSG taps M 6x1/8x1.25/10x1.5 1/4 hex drive (C 6.3)
 - 3 applicator tools Art. 9502 GAR 6/8/10 g
 - 3 cutters for inserts 6x1/8x1.25/10x1.5 1/4 hex drive (C 6.3)
 - 1 chuck, with sliding ring nut, 1/4 hex drive (E 6.3) for tools with 1/4 hex shank (C 6.3)
- Boxed.

9504P Each 136,00

9504R



M

Orig. V-Coil - Art. 04381

Product description as Art. 9503G

Contents:

- 10 pcs per size, inserts Art. 9500 G 5x0.8/6x1/8x1.25/10x1.5/12x1.75
 - 5 HSS bits 5.2/6.3/8.3/10.4/12.4mm 1/4 hex drive (C 6.3)
 - 5 HSSG taps M 5x0.8/6x1/8x1.25/10x1.5/12x1.75 1/4 hex drive (C 6.3)
 - 5 applicator tools Art. 9502 GAR 5/6/8/10/12 g
 - 5 cutters for inserts 5x0.8/6x1/8x1.25/10x1.5/12x1.75 1/4 hex drive (C 6.3)
 - 1 chuck, with sliding ring nut, 1/4 hex drive (E 6.3) for tools with 1/4 hex shank (C 6.3)
- Boxed.

9504R Each 213,00

9510G



M

Orig. V-Coil - Art. VC 900

Product description as Art. 9503G

SETS OF MONO-SIZE AND MULTI-SIZE ASSORTMENT THREADED INSERTS IN STAND

In sturdy sheet steel, to be placed on the selling bench. Dimensions: 515x265x460mm.

It contains:

- No.5 kits x each Art. 9503 G 5x0,8/ 6x1/ 8x1,25/ 10x1,5/ 12x1,75
- No.3 sets x each Art. 9504 A/ 9504 E.

9510G Each 1.790,00

9515GA



INOX

Orig. V-Coil - Art. 191

Socket model, particularly suitable for regeneration of motor spark plug threads. STAINLESS steel.

Inseparable packages with 10 PCs.

Type	14 1,25	14 1,25A	14 1,25B	14 1,25C
Ø	mm 14	14	14	14
Pitch	mm 1,25	1,25	1,25	1,25
Thread length	mm 9,5	11,2	12,7	17,5
9515GA	Each 4,28	4,42	4,42	4,70

9515GB



Orig. V-Coil - Art. 19001

TAPS FOR THREADED INSERTS ART. 9515 GA

Special type to house socket inserts M 14x1.25.

Ø	mm 16
Pitch	mm 1,25
Overall length	mm 70
Useful length	mm 41
Ext. Hexagon	mm 16
Int. hexagon	mm 4
9515GB	Each 42,10

13


Orig. V-Coil - Art. 19113

ASSORTMENTS OF MULTIPLE-SIZE THREADED INSERTS ART. 9515 GA

Contents:

4 pcs. per size, inserts Art. 9515 GA 14x1.25/14x1.25A/ 14x1.25B/ 14x1.25C

1 tap Art. 9515 GB

Boxed.

9515GE	Each	74,80
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9515GE

Orig. V-Coil - Art. 19147

Spring model, particularly suitable for the regeneration of threads of LAMBDA M 18x1.5 probes.

In INCONEL X750.

Indivisible packs of 10 pcs.

Ø	mm	18
Pitch	mm	1,5
Thread length	mm	9

9516GA	Each	12,70
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INOX 9516GA

Orig. V-Coil - Art. 19149

Spring model, particularly suitable for the regeneration of threads of LAMBDA M 18x1.5 probes.

In INCONEL X750.

Indivisible packs of 10 pcs.

Ø	mm	18
Pitch	mm	1,5
Thread length	mm	9

9516GB	Each	11,40
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9516GB

Orig. V-Coil - Art. 19007

TAPS FOR THREADED INSERTS ART. 9516 GA-B

Special type to house socket and spring inserts M 18x1.5.

Ø	mm	20
Pitch	mm	1,5
Overall length	mm	50
Useful length	mm	21
Ext. Hexagon	mm	14
Int. Square	inch	1/4

9516GC	Each	35,60
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9516GC

Orig. V-Coil - Art. 19008

APPLICATOR TOOLS FOR THREADED INSERTS ART. 9516 GA-B

Special type to fit socket and spring inserts M 18x1.5.

Ø	mm	18
Pitch	mm	1,5
Overall length	mm	40
Useful length	mm	27
Ext. Hexagon	mm	14
Int. Square	inch	1/4

9516GE	Each	25,70
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9516GE

Orig. V-Coil - Art. 19104

ASSORTMENTS OF THREADED INSERTS ART. 9516 GA-B

Contents:

5 socket inserts Art. 9516 GA

5 spring inserts Art. 9516 GB

1 tap Art. 9516 GC

1 applicator tool Art. 9516 GE

Boxed.

9516GF	Each	114,00
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9516GF




THREADED PLUGS

9518GA **V-COIL**
THREAD INSERT SYSTEM



Orig. V-Coil

Particularly suitable for tanks and engine oil sumps.
In galvanised steel. Indivisible packs of 10 pcs. (Price per pack).

Ø	mm	13	15	17
Pitch	mm	1,5	1,5	1,5
Type		A	A	B
Ext. Hex.	mm	19	19	-
Int. Hex.	mm	-	-	8
Supplier code		19130	19131	19132
9518GA	Pack	37,10	37,10	37,10

9518GB **V-COIL**
THREAD INSERT SYSTEM



SEAL RINGS FOR THREADED PLUGS ART. 9518 GA

In copper. Indivisible packs of 25 pcs. (Price per pack).

Int Ø	mm	15	17
Ext. Ø x thickness	mm	19x1,5	21x1,5
For thread screws 9518GA	mm	13/15	17
Supplier code		19140	19141
9518GB	Pack	11,40	11,40

9518GE **V-COIL**
THREAD INSERT SYSTEM



TAPS FOR THREADED PLUGS ART. 9518 GA

Special type to regenerate the threads on threaded plugs for fuel tanks and engine oil sumps.

Ø	mm	13	15	17
Pitch	mm	1,5	1,5	1,5
Overall length	mm	50	50	50
Useful length	mm	21	21	21
Ext. Hex.	mm	16	16	16
Int. Hex.	mm	4	4	5
Supplier code		19002	19003	19004
9518GE	Each	25,10	25,10	28,50

9518GR **V-COIL**
THREAD INSERT SYSTEM



Orig. V-Coil - Art. 19120

ASSORTMENTS OF MULTIPLE-SIZE THREADED PLUGS

Contents:

5 pcs. per size, plugs Art. 9518 GA 13/15/17

20 rings Art. 9518 GB 15

10 rings Art. 9518 GB 17

1 pcs. per size, taps Art. 9518 GE 13/15/17

Boxed.

9518GR	Each	97,60
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FRET SAWS

9538G **SCU**



Prod. SCU

For cutting WOOD, normal tooting. Length 130mm.

Size		0	1	2	3	4	5	7
9538G	The gross	20,60	20,60	20,60	20,60	20,60	20,60	22,40

Minimum order: 1 thick for size.

9540G **SCU**



For cutting WOOD, spaced tooting. Length 130mm.

Size		0	1	2	3	4	5	6	7
9540G	The gross	22,10	22,10	22,10	22,10	22,10	22,10	22,10	23,70

Minimum order: 1 thick for size.

9547G **SCU**



For cutting METALS, fine tooting. Extra quality. Length 130mm.

Size		4/0	3/0	2/0	0	1	2	3
9547G	The gross	51,40	43,90	43,90	43,90	43,90	43,90	43,90
Size		4	5	6	7	9		
9547G	The gross	43,90	50,10	56,60	59,60	69,30		

Minimum order: 1 thick for size.



For cutting RUBBER, PLASTIC, WOOD, etc., kinked toothing. Length 130mm.

Size		1	2	3	4	5
9549G	The gross	34,90	34,90	34,90	38,30	43,50

Minimum order: 1 thick for size.



9549G



HAND BLADES HIGH SPEED STEEL

Orig. Guhema-HSS flex - Art. ASA 0300 PZ

Flexible type, subject to differentiated hardening treatment.

Waved toothing.

In ABC III steel (Material No. 1.3333).

Blade suitable for cutting material with resistance up to 60 kg/sqmm.

Bores int. length	inch	12
Bores int. length	mm	300
Width	mm	13
Thickness	mm	0,60
Teeth per inch	No.	24
9563G	Each	1,22

Packing unit: 100 pieces.



9563G



Orig. Guhema-HSS flex-allhard - Art. ASA 0300 P

Flexible type, completely hardened by vacuum treatment.

Waved toothing.

In ABC III steel (Material No. 1.3333).

Blade suitable for cutting material with high resistance up to 80 Kg/sqmm.

Bores int. length	inch	12
Bores int. length	mm	300
Width	mm	13
Thickness	mm	0,60
Teeth per inch	No.	24
9563GL	Each	1,52

Packing unit: 100 pieces.



9563GL



Orig. Guhema-trihard-Cobalt flex

Flexible type, subject to differentiated hardening treatment.

In cobalt special steel (quality K945).

Blade suitable for cutting very hard material such as Nickel and Chrome high content austenitic steel.

Art.	9564GA	9564GB	9564GE
Bores int. length	inch 12	12	12
Bores int. length	mm 300	300	300
Width	mm 13	13	13
Thickness	mm 0,60	0,60	0,60
Teeth per inch	No. 18	24	32
Toothing	straight	straight	ondulated
Supplier code	AK0300NZ	AK0300PRZ	AK0300QZ
Each	1,44	1,44	1,44

Packing unit: 100 pieces.



**9564GA
9564GB
9564GE**



Trihard

HSS-Co

Orig. Guhema-Bi-Lastic

Bi-metal type, flexible and unbreakable.

Teeth and back hardened by vacuum treatment.

HSS steel toothing DMo 5 (Material No. 1.3343).

Back-drive support in special steel for springs.

Blade suitable for multi-purpose use.

Art.	9565GA	9565GB	9565GE	9565GF
Bores int. length	inch 12	12	12	12
Bores int. length	mm 300	300	300	300
Width	mm 13	13	13	13
Thickness	mm 0,60	0,60	0,60	0,60
Teeth per inch	No. 18	24	32	22/32 variable
Toothing	ondulated	ondulated	ondulated	ondulated
Supplier code	ASF0300N	ASF0300P	ASF0300Q	ASF0300R
Each	1,52	1,52	1,52	1,52

Packing unit: 100 pieces.



**9565GA
9565GB
9565GE
9565GF**



Bimetallico

HSS



9565GT



Bimetallico

HSS

Orig. Guhema-Bi-Lastic - Art. ASF 0302 P

Waved DOUBLE-TOOTHING. Bi-metal type, flexible and unbreakable.
Teeth and support hardened by vacuum treatment.
HSS DMO 5 (Material No. 1.3343).
Drive support in special steel for springs.
Blade suitable for multi-purpose use.

Bores int. length	inch	12
Bores int. length	mm	300
Width	mm	25
Thickness	mm	0,60
Teeth per inch	No.	24

9565GT	Each	4,16
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Packing unit: 100 pieces.

MACHINE HACKSAW BLADES HSS

9568G



HSS

Orig. Guhema-Super HSS

STANDARD tothing.
HSS DMO 5. Flexible and shock-resistant.
For cutting steel with resistance up to 120 kg/sqmm.

Type		12A	12B	12E	12F	12H	14C	14D	14E	14F	14H	16C	16D	16E	16F	16G	16GA
Bores int. length	mm	300	300	300	300	300	350	350	350	350	350	400	400	400	400	400	400
Bores int. length	inch	12	12	12	12	12	14	14	14	14	14	16	16	16	16	16	16
Width	mm	25	25	25	25	25	25	25	25	30	30	25	25	25	30	30	30
Thickness	mm	1,25	1,25	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Teeth per inch	No.	10	14	6	10	14	6	10	14	6	10	6	10	14	4	6	10
9568G	Each	10,20	10,20	12,10	12,10	12,10	13,10	13,10	13,10	15,20	15,20	14,30	14,30	14,30	16,60	16,60	16,60
Type		16H	16HA	16L	16M	16P	16R	18A	18B	18C	18D	18E	18H	18L	18LA	18P	18R
Bores int. length	mm	400	400	400	400	400	400	450	450	450	450	450	450	450	450	450	450
Bores int. length	inch	16	16	16	16	16	16	18	18	18	18	18	18	18	18	18	18
Width	mm	30	30	30	30	35	35	30	30	30	30	35	35	35	35	40	40
Thickness	mm	2	2	2	2	2	2	1,5	2	2	2	2	2	2	2	2	2
Teeth per inch	No.	4	6	8	10	4	6	6	4	6	10	4	6	8	10	4	6
9568G	Each	20,60	20,60	20,60	20,60	23,50	23,50	18,10	22,50	22,50	22,50	25,50	25,50	25,50	25,50	28,90	28,90
Type		18S	20A	20B	22	22A	22B	22D	22E	24A	24B	26A	26B	28A	28B		
Bores int. length	mm	450	500	500	550	550	550	550	550	600	600	650	650	700	700		
Bores int. length	inch	18	20	20	22	22	22	22	22	24	24	26	26	28	28		
Width	mm	40	40	40	40	45	45	50	50	50	50	50	50	50	50		
Thickness	mm	2	2	2	2	2	2	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5		
Teeth per inch	No.	8	4	6	6	4	6	4	6	4	6	4	6	4	6		
9568G	Each	28,90	31,30	31,30	33,60	37,10	37,10	52,70	52,70	56,40	56,40	60,10	60,10	64,50	63,80		

Packing unit: 10 pieces.

9569G



HSS-Co

Orig. Guhema-Brillant

STANDARD tothing.
In HSS SUPER-RAPID, special Emo5Co5 Cobalt alloy steel.
Flexible and shock-resistant.
For cutting very hard materials such as Nickel and Chrome high content austenic steel.

Type		16C	16D	16H	16HA	16L	18D	18E	18H
Bores int. length	mm	400	400	400	400	400	450	450	450
Bores int. length	inch	16	16	16	16	16	18	18	18
Width	mm	25	25	30	30	30	30	35	35
Thickness	mm	1,5	1,5	2	2	2	2	2	2
Teeth per inch	No.	6	10	4	6	8	10	4	6
9569G	Each	22,50	22,50	29,30	29,30	29,30	31,90	37,20	37,20

Type		20A	20B	22B	22E	24A	24B	26A	26B
Bores int. length	mm	500	500	550	550	600	600	650	650
Bores int. length	inch	20	20	22	22	24	24	26	26
Width	mm	40	40	45	50	50	50	50	50
Thickness	mm	2	2	2	2,5	2,5	2,5	2,5	2,5
Teeth per inch	No.	4	6	6	4	4	6	4	6
9569G	Each	44,10	44,10	52,40	75,40	80,60	80,60	85,70	85,70

Packing unit: 10 pieces.


Orig. Guhema-Brillant Future

VARIABLE positive tothing for reducing cutting times and vibrations and improving blade and machine life.

In HSS special Emo5Co5 Cobalt alloy steel.

Flexible and shock-resistant.

For cutting very hard materials such as Nickel and Chrome high content austenitic steel.

Also suitable for cutting stainless steel.

Type		12B	14B	16B	16C	16E	18C	18E
Bores int. length	mm	300	350	400	400	400	450	450
Bores int. length	inch	12	14	16	16	16	18	18
Width	mm	25	25	30	30	35	35	40
Thickness	mm	1,5	1,5	2	2	2	2	2
Teeth per inch	No.	8/10	6/8	6/8	8/10	4/6	4/6	3/4
9571G	Each	20,10	22,10	31,40	31,40	36,70	39,80	43,70

Type		20C	20E	22B	22E	24B	26B
Bores int. length	mm	500	500	550	550	600	650
Bores int. length	inch	20	20	22	22	24	26
Width	mm	40	45	45	50	50	50
Thickness	mm	2	2	2	2,5	2,5	2,5
Teeth per inch	No.	4/6	3/4	4/6	3/4	3/4	3/4
9571G	Each	47,20	52,20	56,10	80,60	86,20	91,70

Pack of 10 pieces.


INOX 9571G

HSS-Co
Orig. Guhema-Bi-lastic

STANDARD tothing.

In bi-metal steel. DMO5 HSS steel tothing. Back-drive support in special steel for springs.

Flexible and unbreakable.

For multi-purpose use, also suitable for cutting high-resistance steel.

Type		12A	14D	16D	16E	16F	18D	18E
Bores int. length	mm	300	350	400	400	400	450	450
Bores int. length	inch	12	14	16	16	16	18	18
Width	mm	25	32	38	38	38	38	38
Thickness	mm	1,25	1,6	1,9	1,9	1,9	1,9	1,9
Teeth per inch	No.	10	10	4	6	10	4	6
9572G	Each	10,00	14,90	23,80	23,80	23,80	25,50	25,50

Type		18F	20D	20E	22E	24E	26D	28D
Bores int. length	mm	450	500	500	550	600	650	700
Bores int. length	inch	18	20	20	22	24	26	28
Width	mm	38	50	50	50	50	50	50
Thickness	mm	1,9	2,5	2,5	2,5	2,5	2,5	2,5
Teeth per inch	No.	10	4	6	6	6	4	4
9572G	Each	25,50	46,40	46,40	49,40	52,50	55,50	58,50

Packing unit: 10 pieces.


9572G

Bimetallico
HSS

VARIABLE positive tothing for reducing cutting times and vibrations and improving blade and machine life.

In bi-metal steel. DMO5 HSS steel tothing. Back-drive support in special steel for springs.

Flexible and unbreakable.

For multi-purpose use, also suitable for cutting hard and stainless steel.

Type		14C	16D	16F	18D	18F	20D	22D
Bores int. length	mm	350	400	400	450	450	500	550
Bores int. length	inch	14	16	16	18	18	20	22
Width	mm	32	38	38	38	38	50	50
Thickness	mm	1,6	1,9	1,9	1,9	1,9	2,5	2,5
Teeth per inch	No.	6/8	4/6	8/10	4/6	8/10	4/6	4/6
9574G	Each	15,90	25,40	25,40	27,30	27,30	49,70	52,90

Type		24D	26C	28C
Bores int. length	mm	600	650	700
Bores int. length	inch	24	26	28
Width	mm	50	50	50
Thickness	mm	2,5	2,5	2,5
Teeth per inch	No.	4/6	3/4	3/4
9574G	Each	56,20	59,40	62,70

Packing unit: 10 pieces.


INOX 9574G

Bimetallico
HSS



9576G



HSS

Orig. Guhema-Super HSS

For KASTO sawing machines.

STANDARD tothing.

In DMO5 HSS steel. Flexible and shock-resistant.

For cutting steel with resistance up to 120Kg/sqmm

Type		14B	16A	16B	18A	18B	20A	20B
Bores int. length	mm	350	400	400	450	450	500	500
Bores int. length	inch	14	16	16	18	18	20	20
Width	mm	36	36	36	40	40	48	48
Thickness	mm	2	2	2	2	2	2,5	2,5
Teeth per inch	No.	6	4	6	4	6	4	6
9576G	Each	21,70	23,90	23,90	28,90	28,90	47,80	47,80
Type		22A	22B	23A	23B	26A	28A	
Bores int. length	mm	550	550	575	575	650	700	
Bores int. length	inch	22	22	23	23	26	28	
Width	mm	45	45	50	50	55	55	
Thickness	mm	2	2	2,5	2,5	2,5	2,5	
Teeth per inch	No.	4	6	4	6	4	4	
9576G	Each	37,10	37,10	54,60	54,60	66,80	70,80	

Packing unit: 10 pieces.

METAL CUTTING CIRCULAR SAW BLADES

9581A



Angolo 5°

HSS

Prod. SCU

Universal type. FINE tothing. DIN 1837-UNI 4013 (5° angle).

In DMO5 HSS steel.

Type		50A	50C	50E	50F	63A	63C	63E	63F
Ø	mm	50	50	50	50	63	63	63	63
Thickness	mm	0,3	0,5	0,8	1	0,3	0,5	0,8	1
Bore	mm	13	13	13	13	16	16	16	16
Teeth	No.	128	100	80	80	128	128	100	100
9581A	Each	24,60	22,10	22,10	22,10	27,60	25,50	25,50	25,50
Type		63L	80C	80E	80F	80L	80P	100C	100E
Ø	mm	63	80	80	80	80	80	100	100
Thickness	mm	1,2	0,5	0,8	1	1,2	1,5	0,5	0,8
Bore	mm	16	22	22	22	22	22	22	22
Teeth	No.	80	128	128	100	100	100	160	128
9581A	Each	26,10	29,50	29,50	29,70	30,60	32,70	34,30	34,30
Type		100F	100L	100P	100R	125L	125P	125R	150L
Ø	mm	100	100	100	100	125	125	125	150
Thickness	mm	1	1,2	1,6	2	1,2	1,6	2	1,2
Bore	mm	22	22	22	22	22	22	22	32
Teeth	No.	128	128	100	100	128	128	128	160
9581A	Each	34,30	35,20	42,40	47,40	51,70	54,20	57,10	66,10
Type		150P	150R	200L	200P	200R	200S		
Ø	mm	150	150	200	200	200	200		
Thickness	mm	1,6	2	1,2	1,6	2	2,5		
Bore	mm	32	32	32	32	32	32		
Teeth	No.	160	128	200	160	160	160		
9581A	Each	75,50	88,50	107,00	111,00	119,00	129,00		

9581B



Angolo 15°

HSS

Universal type. THICK tothing. DIN 1838-UNI 4014 (15° angle).

In DMO5 HSS steel.

Type		80F	80P	80R	100F	100P	100R	100S
Ø	mm	80	80	80	100	100	100	100
Thickness	mm	1	1,6	2	1	1,6	2	2,5
Bore	mm	22	22	22	22	22	22	22
Teeth	No.	48	48	40	64	48	48	48
9581B	Each	29,70	32,70	35,60	34,30	42,40	47,40	53,60
Type		125P	125R	150P	150R	200P	200R	200S
Ø	mm	125	125	150	150	200	200	200
Thickness	mm	1,6	2	1,6	2	1,6	2	2,5
Bore	mm	22	22	32	32	32	32	32
Teeth	No.	64	64	80	80	80	80	80
9581B	Each	54,20	57,10	75,50	88,50	111,00	119,00	129,00

When stocks will be run out Art. 9581 A-B Ø mm 150 will be supplied in the diameter 160 mm.



CIRCULAR SAWS FOR CUTTING MACHINES

Prod. SCU

Suitable for cutting steel, cast iron and metals.

In DMo5 HSS steel.

With universal dragging holes. Hole 32mm.

Toothing for full bars (5mm pitch)

Ø	mm	200	225	250	275	300	315	350
Thickness	mm	1,8	1,9	2	2,5	2,5	2,5	2,5
Teeth	No.	130	140	160	180	180	200	220
9590	Each	89,40	97,50	106,00	126,00	158,00	175,00	209,00

Product description as Art. 9590

Toothing for L T Z profiles and for pipes (4mm pitch)

Ø	mm	200	225	250	275	300	315	350
Thickness	mm	1,8	1,9	2	2,5	2,5	2,5	2,5
Teeth	No.	160	180	200	220	220	240	280
9591	Each	81,10	97,50	106,00	142,00	175,00	189,00	231,00

Product description as Art. 9590

Toothing for thin profiles and pipes (3mm pitch)

Ø	mm	200	225	250	275	300	315	350
Thickness	mm	1,8	1,9	2	2,5	2,5	2,5	2,5
Teeth	No.	200	220	250	280	300	300	350
9592	Each	89,40	97,50	106,00	142,00	175,00	189,00	209,00

SCU

9590
9591
9592



HSS

Suitable for cutting stainless steel.

In Co5 HSS steel.

Anti-seizure sprayed treatment.

With universal dragging holes. Hole 32mm.

Toothing for full bars (5mm pitch)

Ø	mm	200	225	250	275	300	315	350
Thickness	mm	1,8	1,9	2	2,5	2,5	2,5	2,5
Teeth	No.	130	140	160	180	180	200	220
9595E	Each	117,00	127,00	138,00	184,00	227,00	246,00	300,00

Product description as Art. 9595E

Toothing for L T Z profiles and for pipes (4mm pitch)

Ø	mm	200	225	250	275	300	315	350
Thickness	mm	1,8	1,9	2	2,5	2,5	2,5	2,5
Teeth	No.	160	180	200	220	220	240	280
9595F	Each	117,00	127,00	138,00	173,00	227,00	246,00	300,00

Product description as Art. 9595E

Toothing for thin profiles and pipes (3mm pitch)

Ø	mm	200	225	250	275	300	315	350
Thickness	mm	1,8	1,9	2	2,5	2,5	2,5	2,5
Teeth	No.	200	220	250	280	300	300	350
9595L	Each	117,00	127,00	138,00	184,00	227,00	242,00	300,00

SCU

INOX

9595E
9595F
9595L



VAPORIZZATE

HSS-Co

Suitable for cutting full bars, profiles, synthetic and plastic pipes.

In Dmo5 HSS steel. Hole 32mm.

Ø	mm	200	250	300
Thickness	mm	1	1,5	2
Teeth	No.	232	300	320
9595P	Each	140,00	115,00	186,00

SCU

9595P



HSS



CARBIDE TIPPED CIRCULAR SAWS

9597G

SCU



HARTMETALL

Prod. SCU

Negative flat trapezoidal toothing with alternate sharpening. For cutting profiles, even thin, in aluminium, light alloys, brass, copper and similar materials, plastic. With dragging holes.

Suitable for cutting-machines with vertical cut from top.

Type		250 A	250 E	250 F	300 A	300 E	300 F	350 E
Ø	mm	250	250	250	300	300	300	350
Thickness	mm	3,2	3,2	3,2	3,2	3,2	3,2	3,4
Bore	mm	30	32	32	30	30	32	32
Teeth	No.	80	60	80	96	72	96	84
9597G	Each	130,00	110,00	130,00	152,00	127,00	152,00	155,00

Type		350 F	400 E
Ø	mm	350	400
Thickness	mm	3,4	3,6
Bore	mm	32	32
Teeth	No.	108	96
9597G	Each	180,00	197,00

9597GR

SCU



HARTMETALL

Oblique profile toothing for dry-cutting iron profiles, pipes, steel plate, brass, copper, aluminium, PVC, thermal panels with steel plate surfacing, stratified and boarded wood, even with nails. Suitable for static cutting-off machines (saw blades with hole Ø 25.4mm suitable for Jepson, Ridgid, Makita, Flex cutting-off machines).

Type		250 A	300 A	300 B	305 A	305 B	350 A	355 B
Ø	mm	250	300	300	305	305	350	350
Thickness	mm	2,4	2,4	2,4	2,4	2,4	2,5	2,5
Bore	mm	30	30	30	25,4	25,4	25,4	25,4
Teeth	No.	48	60	80	60	80	70	90
9597GR	Each	117,00	136,00	157,00	138,00	159,00	180,00	213,00

REDUCTIONS FOR ART. 9596 G TO 9597 GR.

Diameter 16mm to 13mm.

O9597GA	Each	6,08
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Diameter 20mm to 16mm.

O9597GB	Each	6,08
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Diameter 30mm to 20mm.

O9597GE	Each	6,08
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Diameter 30mm to 25mm.

O9597GH	Each	6,08
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Diameter 32mm to 30mm.

O9597GM	Each	6,08
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EASY CUT GREASE

9599G

SCU



Prod. SCU

Solid lubricant for max performance when working with:

Machine saw blades - bandsaw blades - circular saw blades

Drill bits - Milling cutters - various tools for cutting steel and metals of any hardness.

Packing unit: 300g stick.

9599G	Each	23,50
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Product running out of stock.



METAL CUTTING BANDSAW BLADES

Prod. SCU

In alloy steel. For unalloyed steel and iron up to R. 70Kg sqmm.
STANDARD toothing.
In indivisible 30m reels.

SCU

9600G

Type		6E	6F	6L	6P	6R	8E	8F	8L	8P
Width	mm	6	6	6	6	6	8	8	8	8
Thickness	mm	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65
Teeth per inch	No.	8	10	14	18	22	8	10	14	18
9600G	Meter	2,26	2,26	2,26	2,26	2,26	2,56	2,56	2,56	2,56
Type		8R	10B	10C	10E	10F	10L	10P	10R	13B
Width	mm	8	10	10	10	10	10	10	10	13
Thickness	mm	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65
Teeth per inch	No.	22	4	6	8	10	14	18	22	4
9600G	Meter	2,56	2,56	2,56	2,56	2,56	2,56	2,56	2,56	2,78
Type		13C	13F	13L	16B	16C	16F	16L	20B	20C
Width	mm	13	13	13	16	16	16	16	20	20
Thickness	mm	0,65	0,65	0,65	0,8	0,8	0,8	0,8	0,8	0,8
Teeth per inch	No.	6	10	14	4	6	10	14	4	6
9600G	Meter	2,78	2,78	2,78	3,64	3,64	3,64	3,64	4,10	4,10
Type		20F	20L	25B	25C	25E	25F	25L		
Width	mm	20	20	25	25	25	25	25		
Thickness	mm	0,8	0,8	0,9	0,9	0,9	0,9	0,9		
Teeth per inch	No.	10	14	4	6	8	10	14		
9600G	Meter	4,10	4,10	4,88	4,88	4,88	4,88	4,88		



METAL CUTTING BI-METAL BANDSAW BLADES

Prod. SCU

In M42 bi-metal steel, with high-cobalt HSS-Co8 steel toothing.
For cutting high-resistance alloy steel and stainless steel.
Suitable for all band saws.
In indivisible 30m reels.
STANDARD toothing.

SCU

INOX

9605G

Type		6F	6L	10F	10L	12L	12P	13F	13L	20C
Width	mm	6	6	10	10	13	13	13	13	20
Thickness	mm	0,9	0,9	0,9	0,9	0,65	0,65	0,9	0,9	0,9
Teeth per inch	No.	10	14	10	14	14	18	10	14	6
9605G	Meter	12,70	12,70	12,40	12,40	10,40	10,40	10,80	10,80	11,50
Type		20F	27B	27C	27E	27F	27L	34B	34C	
Width	mm	20	27	27	27	27	27	34	34	
Thickness	mm	0,9	0,9	0,9	0,9	0,9	0,9	1,1	1,1	
Teeth per inch	No.	10	4	6	8	10	14	4	6	
9605G	Meter	11,50	12,30	12,30	12,30	12,30	12,30	15,80	15,80	



VARIABLE toothing for reducing cutting times and vibrations.
In M42 bi-metal steel, with high-cobalt HSS-Co8 steel toothing.
For cutting high-resistance alloy steel and stainless steel.
Suitable for all band saws.
In indivisible 30m reels.

SCU

INOX

9607G

Type		10R	12P	12R	13L	13P	13R	20E	20F
Width	mm	10	13	13	13	13	13	20	20
Thickness	mm	0,9	0,65	0,65	0,9	0,9	0,9	0,9	0,9
Teeth per inch	No.	10/14	8/12	10/14	6/10	8/12	10/14	4/6	5/8
9607G	Meter	12,40	10,40	10,40	10,80	10,80	10,80	11,50	11,50
Type		20L	20P	20R	27B	27E	27F	27L	27P
Width	mm	20	20	20	27	27	27	27	27
Thickness	mm	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Teeth per inch	No.	6/10	8/12	10/14	3/4	4/6	5/8	6/10	8/12
9607G	Meter	11,50	11,50	11,50	12,30	12,30	12,30	12,30	12,30
Type		27R	34B	34E	34L				
Width	mm	27	34	34	34				
Thickness	mm	0,9	1,1	1,1	1,1				
Teeth per inch	No.	10/14	3/4	4/6	6/10				
9607G	Meter	12,30	15,80	15,80	15,80				





BI-METAL BAND SAW WELDED RINGS

from 9612G to 9627GL



Prod. SCU

Quality Bi-M42. Corresponding to our Art. 9605 G (Standard tooting).



M42



INOX

Art.	9612G	9615G	9615GE	9615GF	9615GL	9615GM	9615GN	9615GP	9615GQ	9615GR	9615GRA	9615GRB	9615GRC	9615GRE	9615GRF	9615GS
Length	mm 2450	2450	2450	2450	2450	2500	2500	2500	2500	2500	2550	2550	2550	2550	2550	2600
Thickness	mm 0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm 27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No. 4	6	8	10	14	4	6	8	10	14	4	6	8	10	14	4
Each	35,80	35,80	35,80	35,80	35,80	36,40	36,40	36,40	36,40	36,40	37,10	37,10	37,10	37,10	37,10	37,60

Art.	9615GT	9615GV	9615GZ	9616GA	9616GB	9616GC	9616GD	9616GE	9616GF	9617GB	9617GC	9617GE	9617GF	9617GL	9618G	9621G
Length	mm 2600	2600	2600	2600	2700	2700	2700	2700	2700	2750	2750	2750	2750	2750	2825	2825
Thickness	mm 0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm 27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No. 6	8	10	14	4	6	8	10	14	4	6	8	10	14	4	6
Each	37,60	37,60	37,60	37,60	38,90	38,90	38,90	38,90	38,90	39,50	39,50	39,50	39,50	39,50	40,40	40,40

Art.	9621GE	9621GF	9621GL	9622G	9623G	9623GE	9623GF	9623GL	9623GM	9623GN	9623GO	9623GP	9623GQ	9625GB	9625GC	9625GE
Length	mm 2825	2825	2825	2845	2845	2845	2845	2845	3010	3010	3010	3010	3010	3150	3150	3150
Thickness	mm 0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm 27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No. 8	10	14	4	6	8	10	14	4	6	8	10	14	4	6	8
Each	40,40	40,40	40,40	40,60	40,60	40,60	40,60	40,60	42,70	42,70	42,70	42,70	42,70	44,40	44,40	44,40

Art.	9625GF	9625GL	9625GM	9625GN	9625GO	9625GP	9625GQ	9626G	9627G	9627GE	9627GF	9627GL
Length	mm 3150	3150	3180	3180	3180	3180	3180	3660	3660	3660	3660	3660
Thickness	mm 0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm 27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No. 10	14	4	6	8	10	14	4	6	8	10	14
Each	44,40	44,40	44,80	44,80	44,80	44,80	44,80	50,70	50,70	50,70	50,70	50,70

Other ring models and sizes available on request: minimum quantity 5 rings per type.

from 9629GA to 9660GR



Quality Bi-M42. Corresponding to our Art. 9607 G (Variable tooting).



M42



INOX

Art.	9629GA	9629GB	9629GC	9629GE	9629GF	9629GG	9629GH	9629GL	9629GM	9631G	9632GA	9632GB	9632GE	9632GF	9632GL	9632GM
Length	mm 1140	1325	1335	1435	1440	1638	1735	1735	1745	2450	1900	2000	2060	2080	2140	2160
Thickness	mm 0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm 13	13	13	13	13	13	13	13	13	27	20	20	20	20	20	20
Teeth	No. 8/12	8/12	8/12	8/12	8/12	8/12	8/12	8/12	8/12	3/4	8/12	8/12	8/12	8/12	8/12	8/12
Each	17,40	19,30	19,40	20,50	20,50	22,50	23,60	24,40	24,50	35,80	27,40	28,50	29,20	29,40	30,10	30,40

Art.	9634G	9641G	9641GL	9641GP	9641GR	9641GR	9641GR	9641GR	9641GR	9641GR	9641GS	9641GT	9641GV	9641GZ	9642GA	9642GB	9642GC
Length	mm 2450	2450	2450	2450	2450	2480	2480	2480	2480	2480	2500	2500	2500	2500	2500	2500	2600
Thickness	mm 0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm 27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No. 4/6	5/8	6/10	8/12	10/14	4/6	5/8	6/10	8/12	3/4	4/6	5/8	6/10	8/12	10/14	3/4	
Each	35,80	35,80	35,80	35,80	35,80	36,20	36,20	36,20	36,20	36,40	36,40	36,40	36,40	36,40	36,40	36,40	37,60

Art.	9642GD	9642GE	9642GF	9642GG	9642GH	9642GI	9642GL	9642GM	9642GN	9642GO	9642GP	9642GQ	9642GR	9642GS	9642GT	9642GV
Length	mm 2600	2600	2600	2600	2600	2650	2650	2650	2650	2650	2650	2700	2700	2700	2700	2700
Thickness	mm 0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm 27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No. 4/6	5/8	6/10	8/12	10/14	3/4	4/6	5/8	6/10	8/12	10/14	3/4	4/6	5/8	6/10	8/12
Each	37,60	37,60	37,60	37,60	37,60	38,20	38,20	38,20	38,20	38,20	38,20	38,90	38,90	38,90	38,90	38,90

Art.	9642GZ	9643GB	9643GE	9643GF	9643GL	9643GP	9643GR	9645G	9645GE	9646G	9647G	9647GP	9647GR	9648G	9648GE	9649G
Length	mm 2700	2750	2750	2750	2750	2750	2750	2825	2825	2825	2825	2825	2825	2845	2845	2845
Thickness	mm 0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm 27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No. 10/14	3/4	4/6	5/8	6/10	8/12	10/14	3/4	4/6	5/8	6/10	8/12	10/14	3/4	4/6	5/8
Each	38,90	39,50	39,50	39,50	39,50	39,50	39,50	40,40	40,40	40,40	40,40	40,40	40,40	40,60	40,60	40,60

Art.	9650G	9650GP	9650GR	9651GE	9651GE	9651GE	9651GE	9651GE	9651GE	9651GF	9651GG	9651GH	9651GI	9651GL	9651GM	9651GN	9651GO
Length	mm 2845	2845	2845	2945	2925	2925	2925	2925	2925	2945	2945	2945	2945	2945	3010	3010	3010
Thickness	mm 0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm 27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No. 6/10	8/12	10/14	3/4	4/6	5/8	6/10	8/12	4/6	5/8	6/10	8/12	10/14	3/4	4/6	5/8	
Each	40,60	40,60	40,60	41,90	41,70	41,70	41,70	41,70	41,70	41,90	41,90	41,90	41,90	41,90	42,70	42,70	42,70

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Prices in EURO . VAT not included

FOLLOW >



Art.		9651GP	9651GQ	9651GR	9653GA	9653GB	9653GC	9653GE	9653GF	9653GH	9656GB	9656GE	9656GF	9656GL	9656GP	9656GR	9656GS
Length	mm	3010	3010	3010	3100	3100	3100	3100	3100	3100	3150	3150	3150	3150	3150	3150	3180
Thickness	mm	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No.	6/10	8/12	10/14	3/4	4/6	5/8	6/10	8/12	10/14	3/4	4/6	5/8	6/10	8/12	10/14	3/4
Each		42,70	42,70	42,70	43,80	43,80	43,80	43,80	43,80	43,80	44,40	44,40	44,40	44,40	44,40	44,40	44,80
Art.		9656GT	9656GV	9656GZ	9657GA	9657GB	9657GC	9657GD	9657GE	9657GF	9657GL	9657GM	9657GP	9657GR	9657GS	9657GT	9658G
Length	mm	3180	3180	3180	3180	3180	3320	3320	3320	3320	3580	3580	3580	3580	3580	3580	3660
Thickness	mm	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Width	mm	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Teeth	No.	4/6	5/8	6/10	8/12	10/14	3/4	4/6	5/8	6/10	3/4	4/6	5/8	6/10	8/12	10/14	3/4
Each		44,80	44,80	44,80	44,80	44,80	46,50	46,50	46,50	46,50	49,70	49,70	49,70	49,70	49,70	49,70	50,70
Art.		9659G	9659GF	9660G	9660GP	9660GR											
Length	mm	3660	3660	3660	3660	3660											
Thickness	mm	0,9	0,9	0,9	0,9	0,9											
Width	mm	27	27	27	27	27											
Teeth	No.	4/6	5/8	6/10	8/12	10/14											
Each		50,70	50,70	50,70	50,70	50,70											

Other ring models and sizes available on request: minimum quantity 5 rings per type.

GROUND AND TREATED BARS

Prod. SCU

HSS-E Cobalt 10%.

SQUARE. Tolerance H 14 -DIN 4964B.

Dimensions	mm	4x80	5x100	6x100	6x160	6x200	8x100	8x160
9688	Each	7,18	8,54	7,18	11,70	14,60	12,20	16,70
Dimensions	mm	8x200	10x100	10x125	10x160	10x200	12x100	12x125
9688	Each	19,40	16,70	18,60	23,80	29,20	20,90	25,20
Dimensions	mm	12x160	12x200	14x125	14x160	14x200	16x125	16x160
9688	Each	32,10	38,50	32,30	39,60	46,10	37,70	46,20
Dimensions	mm	16x200	18x200	20x160	20x200	25x160	25x200	
9688	Each	54,80	86,60	70,80	87,50	115,00	140,00	

SCU

9688



HSS-E

Product description as Art. 9688

RECTANGULAR. Tolerance h 13 – DIN 4964D.

Dimensions	mm	4x8x100	4x10x100	4x10x160	4x16x200	4x20x160	4x20x200
9689	Each	10,20	10,20	18,40	30,60	27,70	34,10
Dimensions	mm	5x10x160	5x10x200	5x20x160	5x20x200	6x10x200	6x12x200
9689	Each	19,60	24,20	30,20	37,50	25,10	24,60
Dimensions	mm	6x16x200	6x20x200	8x12x200	8x20x200	8x25x200	10x16x200
9689	Each	39,60	40,60	28,60	58,30	59,60	45,80
Dimensions	mm	10x20x200	10x25x200	12x20x200	12x25x200	15x20x200	15x25x200
9689	Each	64,60	70,80	75,10	75,10	115,00	111,00

SCU

9689



HSS-E

Product description as Art. 9688

TRAPEZOIDAL. Tolerance h 12 – DIN 4964E.

Dimensions	mm	3x12x160	3x20x200	4x16x160	4x20x200	5x20x160	
9690	Each	16,70	43,70	31,30	45,80	43,70	
Dimensions	mm	5x20x200	6x25x200				
9690	Each	54,20	91,60				

SCU

9690



HSS-E

Product description as Art. 9688

ROUND. Tolerance h 8 – DIN 4964A.

Dimensions	mm	2x40	3x63	4x63	4x80	4x100	5x63	5x80
9691	Each	6,46	4,38	4,80	5,32	6,24	4,80	6,04
Dimensions	mm	5x100	6x63	6x80	6x100	6x160	6x200	8x63
9691	Each	6,88	6,24	6,88	7,92	11,90	15,20	7,50
Dimensions	mm	8x80	8x100	8x160	8x200	10x80	10x100	10x160
9691	Each	8,96	10,20	16,50	20,10	11,50	13,30	19,40
Dimensions	mm	10x200	12x125	12x160	12x200	14x125	14x160	14x200
9691	Each	24,60	22,10	26,90	32,30	27,10	35,40	45,80
Dimensions	mm	16x125	16x160	16x200	18x200	20x160	20x200	
9691	Each	35,20	44,80	54,60	62,50	61,40	77,00	

SCU

9691



HSS-E



PLANING AND TURNING TOOL HOLDERS

9708G



Orig. Hufnagel

Treated steel body. Heavy execution. Patented locking system.
HSS-E Cobalt 10% bars, square section, hardened and ground.
"Orkan-S" quality (W 9% - Co 10% - Mo 3.5).

Straight tool holder with bar.

Size K		6	12
Length tool holder	mm	125	240
Tool-holder section	mm	18x12	35x25
Bar dimensions	mm	6x63	12x125
Height from base to edge	mm	15	29
9708G	Each	228,00	475,00

Product running out of stock.

TURNING TOOL HOLDERS

9711G

SCU



Prod. SCU

Hardened steel body. Right execution. 3° positive cutting angle. Toolholder without bar. For bars of any length see Art. 9688 in the sections below.

Size	mm	6	8	10	12	16
Length tool holder	mm	125	145	165	180	210
Tool-holder section	mm	11x18	12,5x20	14x26	16x30	20x32
Square bar section	mm	6x6	8x8	10x10	12x12	16x16
Height from base to edge	mm	14	16	20	23	28
9711G	Each	104,00	115,00	142,00	158,00	179,00

CUTTING TOOL HOLDERS

9712G

SCU



Prod. SCU

Hardened steel body. Right execution. Toolholder without bar.
For bars see Art. 9712 GA.

Size		1	2	3
Length tool holder	mm	160	150	150
Tool-holder section	mm	11x20	21x24	22/18x30/22
Bar dimensions	mm	12x3x2,2	14,5x4x3	17,5x5x4
Height from base to edge	mm	16	20	25
9712G	Each	75,80	98,20	130,00

9712GA

SCU



HSS-E

HSS-E Cobalt 10% bars, HRC 66. For Art. 9712 G.

Size		1	2	3
Bar dimensions	mm	160x12x3/2,2	150x14,5x4/3	150x17,5x5/4
9712GA	Each	44,60	47,40	57,10

TURNING OFF TOOL HOLDERS

9716G

SCU



Prod. SCU

Treated steel body.
Safe locking system.

Tool holder without bar. For bars see Art. 9717 G.

Size		1	2	3
Bar dimensions	mm	75x8x2/1,5	100x10x2,5/2	125x12x3,5/3
Height from base to edge	mm	12	14	16
Length tool holder	mm	100	125	160
Tool-holder section	mm	16x11	18x11	22x12
9716G	Each	53,40	68,10	75,10

9717G

SCU



HSS-E

Bars in HSS-E 10% cobalt steel, hardness HRC 66. For Art. 9716 G.

Size		1	2	3
Bar dimensions	mm	75x8x2/1,5	100x10x2,5/2	115x12x2,5/3
9717G	Each	26,20	31,30	42,50



TOOL HOLDERS AND BARS FOR INSIDE USE

Orig. Hufnagel

Bars for Art. 9720 G.
 HSS-E Cobalt 10%, "Orkan-S" quality
 (W 9% - Co 10% - Mo 3.5). Hardness HRC 65-67.
 Particularly used on universal milling machines, revolver and automatic lathes.
 Once the head is worn out, they may be used as normal round bars.

Bars for roughing.

Size BN		10
Overall length	mm	65
Drive length	mm	45
Drive Ø	mm	8
For bore by Ø min	mm	10
9721G	Each	56,60

Product running out of stock.



9721G



HSS-E

Product description as Art. 9721G

Bars for 60° Metric thread.

Size BN		13
Overall length	mm	75
Drive length	mm	42
Drive Ø	mm	10
For bore by Ø min	mm	13
9724G	Each	73,30

Product running out of stock.



9724G



60°

HSS-E

TOOL HOLDERS FOR INSIDE USE

Orig. Hufnagel

For internal turning and threading.
 Treated steel body.
 Ground hardened shank.
 Ground and hardened blades, HSS-E Cobalt 10%.
 "Orkan-S" quality (W 9% - Co 10% - Mo 3.5). Hardness HRC 65-67.
 Also HARD METAL blades, universal quality.
 Tool holder without shank and without blades.

Size PB		15	20
Iron rest overall length	mm	130	150
Iron rest section	mm	31x28	37x32
Stem length and Ø	mm	250x15	300x20
For bore by Ø min	mm	22	29
Blades length	mm	20	26
Height from base to edge	mm	16,5/20,5	21/24
9728G	Each	81,50	132,00

Product running out of stock.



9728G



Product description as Art. 9728G

Straight shank without blades for Art. 9728 G.

Size PB		20
Iron rest overall length	mm	150
Iron rest section	mm	37x32
Stem length and Ø	mm	300x20
For bore by Ø min	mm	29
Blades length	mm	26
Height from base to edge	mm	21/24
9729G	Each	123,00

Product running out of stock.



9729G



Product description as Art. 9728G

Oblique shank without blades for Art. 9728 G.

Size PB		28
Iron rest overall length	mm	180
Iron rest section	mm	53x50
Stem length and Ø	mm	500x28
For bore by Ø min	mm	38
Blades length	mm	36
Height from base to edge	mm	30/33
9730G	Each	194,00

Product running out of stock.



9730G





9731G



HSS-E

Product description as Art. 9728G

HSS-E blades for turning for Art. 9729 G and 9730 G.

Size PB		12	15	20	28
Blades length	mm	15	20	26	36
9731G	Each	15,80	18,30	27,80	41,80

Product running out of stock.

9732G



55°



HSS-E

Product description as Art. 9728G

HSS-E blades for 55° Whitworth thread, for Art. 9729 G and 9730 G.

Size PB		12	15	20	28
Blades length	mm	15	20	26	36
9732G	Each	15,80	18,30	27,80	41,80

Product running out of stock.

9733G



60°



HSS-E

Product description as Art. 9728G

HSS-E blades for 60° Metric thread, for Art. 9729 G and 9730 G.

Size PB		20	28
Blades length	mm	26	36
9733G	Each	27,80	41,80

Product running out of stock.

9734G



HARTMETALL

Product description as Art. 9728G

Solid carbide blades for turning, for Art. 9729 G and 9730 G.

Size PB		20
Blades length	mm	26
9734G	Each	67,30

Product running out of stock.

9735G



55°



HARTMETALL

Product description as Art. 9728G

Solid carbide blades for 55° Whitworth thread, for Art. 9729 G and 9730 G.

Size PB		12	15	20
Blades length	mm	15	20	26
9735G	Each	36,80	45,60	67,30

Product running out of stock.

9736G



60°



HARTMETALL

Product description as Art. 9728G

Solid carbide blades for 60° Metric thread, for Art. 9729 G and 9730 G.

Size PB		12	15	20
Blades length	mm	15	20	26
9736G	Each	36,80	45,60	67,30

Product running out of stock.

9748G

SCU



Prod. SCU

For internal turning and threading.

Treated steel body.

Ground and hardened shank.

Ground and hardened blades, in HSS-E steel.

Hardness HRC 62-64.

Tool holder without shank and without blades.

Size		10	13	20	28	32
Iron rest overall length	mm	110	150	180	210	210
Iron rest section	mm	20x20	23x28	30x40	42x47	47x55
Height from base to edge	mm	10	14	20	23,5	27,5
9748G	Each	49,10	64,90	119,00	156,00	194,00

9749G

SCU



Product description as Art. 9748G

Shanks for tool holder Art. 9748 G.

Size		10	13	20	28	32
Length x shaft Ø	mm	165x10	245x13	325x20	385x28	450x32
9749G	Each	22,10	28,50	38,70	66,10	77,70

9750G

SCU



HSS-E

Product description as Art. 9748G

HSS blades for roughing for shanks Art. 9749 G.

Size		10	13	20	28	32
For bores by Ø min	mm	14	22	30	44	54
9750G	Each	43,40	62,30	101,00	268,00	280,00



Product description as Art. 9748G

HSS-E blades for finishing for shanks Art. 9749 G.

Size	10	13	20	28	32	
For bores by Ø min	14	22	30	44	54	
9751G	Each	43,40	62,30	101,00	268,00	280,00

SCU

9751G



HSS-E

Product description as Art. 9748G

HSS-E blades for 55° Whitworth thread for shanks Art. 9749 G.

Size	10	13	20	28	32	
For bores by Ø min	14	22	30	44	54	
9752G	Each	43,40	62,30	101,00	268,00	280,00

SCU

9752G

55°



HSS-E

Product description as Art. 9748G

HSS-E blades for 60° metric thread for shanks Art. 9749 G.

Size	10	13	20	28	32	
For bores by Ø min	14	22	30	44	54	
9753G	Each	43,40	62,30	101,00	268,00	280,00

SCU

9753G

60°



HSS-E

Product description as Art. 9748G

HSS-E blades for internal slots for shanks Art. 9749 G.

Size	10	13	20	28	32	
For bores by Ø min	14	22	30	44	54	
Blades thickness for grooves	3	4	6	9	10	
9754G	Each	43,40	62,30	101,00	268,00	280,00

SCU

9754G



HSS-E

TAPPING HOLDERS

Prod. SCU

The adjustable head with shock absorber effect avoids cutting edge breaking during threading process.

Possibility to adjust (right/left-hand) the threading angle. Uniform threading over all HSS blade length.

Tool holder only without blade.

Size	1	2	
Drive section	mm 22x10	29x13	
Overall length	mm 140	170	
9758G	Each	216,00	238,00

SCU

9758G



Product description as Art. 9758G

Blades for 55° Whitworth threads, for Art. 9758 G.

Size	1	2	3	
9759G	Each	74,80	75,10	107,00

Size 3 running out of stock.

SCU

9759G

55°



HSS

Product description as Art. 9758G

Blades for 60° Metric threads, for Art. 9758 G.

Size	1	2	
9760G	Each	74,80	75,10

SCU

9760G

60°



HSS

PLANING TOOL HOLDERS

Orig. Hufnagel

Treated steel body. Patented locking system.

HSS-E Cobalt bars, ground.

Easy and rapid bar sharpening.

"Puma" quality (W 18% Co 10%).

"Orkan-200" quality (W 9%- Co 12% - Va 4% - Mo 3.5).

Tool holder without bar.

Size C	2	3	
Iron holders length	mm 200	230	
Drive length	mm 135	155	
Drive section	mm 30x20	35x24	
Bar dimensions	mm 90x16x8	95x18x10	
9762G	Each	175,00	216,00

Product running out of stock.



9762G





9763G



HSS-E

Product description as Art. 9762G
"Puma" bars. Hardness HRC 66, for Art. 9762 G.

Size C		3
Bar dimensions	mm	95x18x10
9763G	Each	112,00

Product running out of stock.

9764G



HSS-E

Product description as Art. 9762G
"Orkan-200" bars. Hardness HRC 68, for Art. 9762 G.

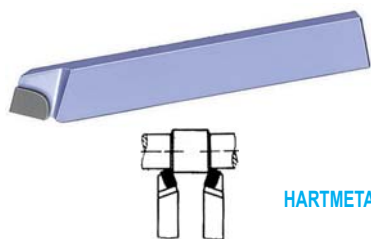
Size C		3
Bar dimensions	mm	95x18x10
9764G	Each	132,00

Product running out of stock.

TURNING TOOLS

9770G
9770GE
9771G
9771GE
new

SCU



HARTMETALL

Prod. SCU
Treated steel shank. Carbide tool bit, abrasion and shock-proof.
Tough welding, irremovable.
DIN 4971 (ISO 1 - UNI 4102)
Right-hand, as shown in the picture. P 30 quality, for steel.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x90	10x90	12x100	16x110	20x125	25x140	32x170
9770G	Each	6,52	5,22	6,10	7,06	9,10	14,80	22,10

Product description as Art. 9770G
DIN 4971 (ISO 1 - UNI 4102)
Right-hand, as shown in the picture. K 10 quality, for cast iron and non-ferrous steel.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x90	10x90	12x100	16x110	20x125	25x140	32x170
9770GE	Each	6,52	5,22	6,10	7,06	9,10	14,80	22,10

Product description as Art. 9770G
DIN 4971 (ISO 1 - UNI 4102)
Left-hand, opposite to the one shown in the picture. P 30 quality, for steel.

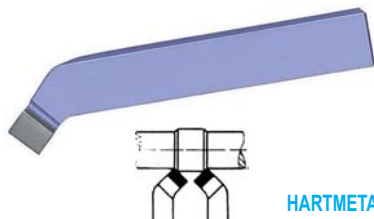
Size	q.	10	12	16	20	25	32
Dimensions	mm	10x90	12x100	16x110	20x125	25x140	32x170
9771G	Each	5,22	6,10	7,06	9,10	14,80	22,10

Product description as Art. 9770G
DIN 4971 (ISO 1 - UNI 4102)
Left-hand, opposite to the one shown in the picture. K 10 quality, for cast irons and non-ferrous steel.

Size	q.	10	12	16	20	25
Dimensions	mm	10x90	12x100	16x110	20x125	25x140
9771GE	Each	5,22	6,10	7,06	9,10	14,80

9772G
9772GE
9773G
9773GE
new

SCU



HARTMETALL

Product description as Art. 9770G
DIN 4972 (ISO 2 - UNI 4103)
Right-hand, as shown in the picture. P 30 quality, for steel. 45° angle.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140	32x170
9772G	Each	6,16	5,52	6,40	7,36	9,40	14,80	22,20

Product description as Art. 9770G
DIN 4972 (ISO 2 - UNI 4103)
Right-hand, as shown in the picture. K 10 quality, for cast iron and non-ferrous steel. 45° angle.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140	32x170
9772GE	Each	6,16	5,52	6,40	7,36	9,40	14,80	22,20

Product description as Art. 9770G
DIN 4972 (ISO 2 - UNI 4103)
Left-hand, opposite to the one shown in the picture. P 30 quality, for steel. 45° angle.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140	32x170
9773G	Each	6,16	5,52	6,40	7,36	9,40	14,80	22,20

Product description as Art. 9770G
DIN 4972 (ISO 2 - UNI 4103)
Left-hand, opposite to the one shown in the picture. K 10 quality, for cast irons and non-ferrous steel.

Size	q.	10	12	16	20	25
Dimensions	mm	10x90	12x100	16x110	20x125	25x140
9773GE	Each	5,52	6,40	7,36	9,40	14,80



Product description as Art. 9770G

DIN 4973 (ISO 8 - UNI 4110)

P 30 quality, for steel.

Size	q.	8	10	12	16	20	25	32
Overall length	mm	125	150	180	210	250	300	355
9774G	Each	5,42	6,00	7,46	9,10	11,10	17,10	25,60

Product description as Art. 9770G

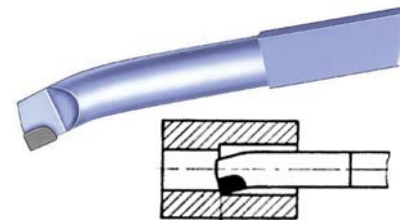
DIN 4973 (ISO 8 - UNI 4110)

K 10 quality, for cast iron and non-ferrous steel.

Size	q.	8	10	12	16	20	25	32
Overall length	mm	125	150	180	210	250	300	355
9774GE	Each	5,42	6,00	7,46	9,10	11,10	17,10	25,60

SCU HARTMETALL

9774G
9774GE



Product description as Art. 9770G

DIN 4974 (ISO 9 - UNI 4111)

P 30 quality, for steel.

Size	q.	8	10	12	16	20	25	32
Overall length	mm	125	150	180	210	250	300	355
9775G	Each	5,42	5,72	7,46	9,10	11,10	17,10	25,60

Product description as Art. 9770G

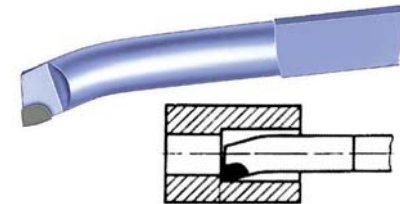
DIN 4974 (ISO 9 - UNI 4111)

K 10 quality, for cast iron and non-ferrous steel.

Size	q.	8	10	12	16	20	25	32
Overall length	mm	125	150	180	210	250	300	355
9775GE	Each	5,42	5,72	7,46	9,10	11,10	17,10	25,60

SCU HARTMETALL

9775G
9775GE



Product description as Art. 9770G

DIN 4975 (ISO 10 - UNI 4105)

P 30 quality, for steel.

Size	h.	8	10	12	16	16A
Dimensions	mm	8x8x80	10x10x100	12x12x110	16x10x110	16x16x110
9776G	Each	6,88	5,72	7,06	6,30	8,62

Size	h.	20	20A	25	25A
Dimensions	mm	20x12x125	20x20x125	25x16x140	25x25x140
9776G	Each	6,88	11,70	9,30	19,60

SCU HARTMETALL

9776G



Product description as Art. 9770G

DIN 4976 (ISO 4 - UNI 4107)

P 30 quality, for steel.

Size	q.	8	10	12	16	20	25
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140
9777G	Each	6,52	5,82	7,56	9,00	12,20	21,20

Product description as Art. 9770G

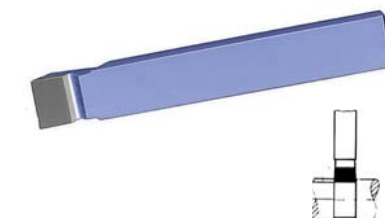
DIN 4976 (ISO 4 - UNI 4107)

K 10 quality, for cast iron and non-ferrous steel.

Size	q.	8	10	12	16	20	25
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140
9777GE	Each	6,52	5,82	7,56	9,00	12,20	21,20

SCU HARTMETALL

9777G
9777GE



Product description as Art. 9770G

DIN 4977 (ISO 5 - UNI 4108)

Right-hand, as shown in the picture. P 30 quality, for steel.

Size	q.	8	10	12	16	20	25
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140
9778G	Each	6,16	6,00	6,88	7,56	9,68	14,90

Product description as Art. 9770G

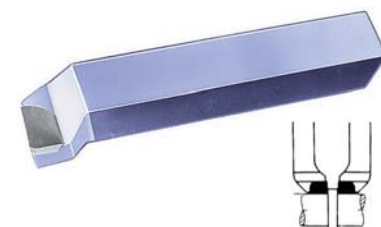
DIN 4977 (ISO 5 - UNI 4108)

Right-hand, as shown in the picture. K 10 quality, for cast iron and non-ferrous steel.

Size	q.	8	10	12	16	20	25
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140
9778GE	Each	6,16	6,00	6,88	7,56	9,68	14,90

SCU HARTMETALL

9778G
9778GE
9779G
9779GE
new



Product description as Art. 9770G

DIN 4977 (ISO 5 - UNI 4108)

Left-hand, opposite to the one shown in the picture. P 30 quality, for steel.

Size	q.	8	10	12	16	20	25
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140
9779G	Each	6,16	6,00	6,88	7,56	9,68	14,90

Product description as Art. 9770G

DIN 4977 (ISO 5 - UNI 4108)

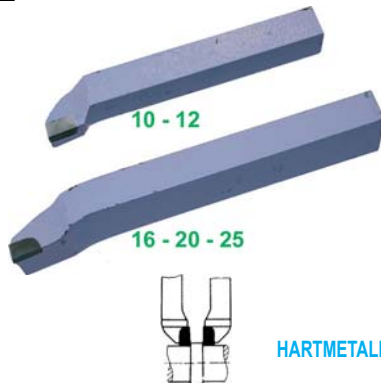
Left-hand, opposite to the one shown in the picture. K 10 quality, for cast irons and non-ferrous steel.

Size	q.	10	12	16	20	25
Dimensions	mm	10x90	12x100	16x110	20x125	25x140
9779GE	Each	6,00	6,88	7,56	9,68	14,90



9780G
9780GE
9781G
9781GE
new

SCU



Product description as Art. 9770G

DIN 4978 (ISO 3 - UNI 4106)

Right-hand, as shown in the picture. P 30 quality, for steel.

Size	h.	10	12	16	20	25
Dimensions	mm	10x10x90	12x12x100	16x10x110	20x12x125	25x16x130
9780G	Each	6,58	7,74	6,68	7,56	9,30

Product description as Art. 9770G

DIN 4978 (ISO 3 - UNI 4106)

Right-hand, as shown in the picture. K 10 quality, for cast iron and non-ferrous steel.

Size	h.	10	12	16	20	25
Dimensions	mm	10x10x90	12x12x100	16x10x110	20x12x125	25x16x130
9780GE	Each	6,58	7,74	6,68	7,56	9,30

Product description as Art. 9770G

DIN 4978 (ISO 3 - UNI 4106)

Left-hand, opposite to the one shown in the picture. P 30 quality, for steel.

Size	h.	10	12	16	20	25
Dimensions	mm	10x10x90	12x12x100	16x10x110	20x12x125	25x16x130
9781G	Each	6,58	7,74	8,62	7,56	9,30

Product description as Art. 9770G

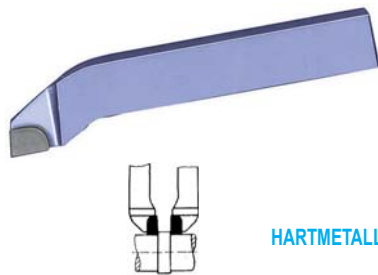
DIN 4978 (ISO 3 - UNI 4106)

Left-hand, opposite to the one shown in the picture. K 10 quality, for cast irons and non-ferrous steel.

Size	h.	10	12	16	20	25
Dimensions	mm	10x10x90	12x12x100	16x10x110	20x12x125	25x16x130
9781GE	Each	6,58	7,74	8,62	7,56	9,30

9782G
9782GE
9783G
9783GE
new

SCU



Product description as Art. 9770G

DIN 4980 (ISO 6 - UNI 4104)

Right-hand, as shown in the picture. P 30 quality, for steel.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140	32x170
9782G	Each	6,16	5,32	6,10	7,46	9,30	14,20	21,50

Product description as Art. 9770G

DIN 4980 (ISO 6 - UNI 4104)

Right-hand, as shown in the picture. K 10 quality, for cast iron and non-ferrous steel.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140	32x170
9782GE	Each	6,16	5,32	6,10	7,46	9,30	14,20	21,50

Product description as Art. 9770G

DIN 4980 (ISO 6 - UNI 4104)

Left-hand, opposite to the one shown in the picture. P 30 quality, for steel.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140	32x170
9783G	Each	6,16	5,32	6,10	7,46	9,30	14,20	21,50

Product description as Art. 9770G

DIN 4980 (ISO 6 - UNI 4104)

Left-hand, opposite to the one shown in the picture. K 10 quality, for cast irons and non-ferrous steel.

Size	q.	10	12	16	20	25
Dimensions	mm	10x90	12x100	16x110	20x125	25x140
9783GE	Each	5,32	6,10	7,46	9,30	14,20



Product description as Art. 9770G

DIN 4981 (ISO 7 - UNI 4109)

Right-hand, as shown in the picture. P 30 quality, for steel.

Size	h.	10	12	16	20	25
Dimensions	mm	10x6x90	12x8x100	16x10x110	20x12x125	25x16x140
Cutting width	mm	3	3	4	5	6
9784G	Each	8,32	5,52	6,00	7,26	10,40

Product description as Art. 9770G

DIN 4981 (ISO 7 - UNI 4109)

Right-hand, as shown in the picture. K 10 quality, for cast iron and non-ferrous steel.

Size	h.	10	12	16	20	25
Dimensions	mm	10x6x90	12x8x100	16x10x110	20x12x125	25x16x140
Cutting width	mm	3	3	4	5	6
9784GE	Each	8,32	5,52	6,00	7,26	10,40

Product description as Art. 9770G

DIN 4981 (ISO 7 - UNI 4109)

Left-hand, opposite to the one shown in the picture. P 30 quality, for steel.

Size	h.	10	12	16	20	25
Dimensions	mm	10x6x90	12x8x100	16x10x110	20x12x125	25x16x140
Cutting width	mm	3	3	4	5	6
9785G	Each	8,32	5,52	6,00	7,26	10,40

Product description as Art. 9770G

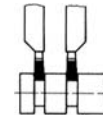
DIN 4981 (ISO 7 - UNI 4109)

Left-hand, opposite to the one shown in the picture. K 10 quality, for cast irons and non-ferrous steel.

Size	h.	10	12	16	20	25
Dimensions	mm	10x6x90	12x8x100	16x10x110	20x12x125	25x16x140
Cutting width	mm	3	3	4	5	6
9785GE	Each	8,32	5,52	6,00	7,26	10,40

SCU

9784G
9784GE
9785G
9785GE
new



HARTMETALL

Product description as Art. 9770G

DIN 282 – For 60° external threading.

External right-hand use. P 30 quality, for steel.

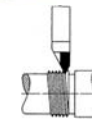
Size	q.	8	10	12	16	20	25
Dimensions	mm	8x80	10x90	12x100	16x115	20x125	25x140
9786G	Each	9,06	9,06	8,48	11,70	13,60	20,70

SCU

9786G



60°



HARTMETALL

Product description as Art. 9770G

DIN 283 – For 60° internal threading.

Internal right-hand use. P 30 quality, for steel.

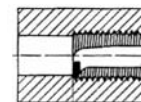
Size	q.	8	10	12	16	20	25
Dimensions	mm	8x120	10x140	12x160	16x180	20x210	25x250
Min. bore Ø	mm	18	20	25	33	40	50
9787G	Each	10,90	10,20	12,40	15,10	19,10	27,30

SCU

9787G



60°



HARTMETALL

Product description as Art. 9770G

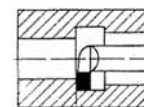
DIN 263 - For making internal rebates

Internal right-hand use. P 30 quality, for steel.

Size	q.	8	10	12	16	20	25
Dimensions	mm	8x120	10x140	12x160	16x180	20x210	25x250
Min. bore Ø	mm	20	25	30	40	50	60
Throat width	mm	3,3	3,6	4	5	6	8
9788G	Each	10,20	13,10	14,10	15,60	19,10	28,30

SCU

9788G



HARTMETALL

TURNING TOOL HOLDERS

Prod. SCU

Set of No. 9 turning tools, carbide tool bit, right-hand, P 30 quality, for steel.

Comprises:

1 item per type Art. 9770 G 10 - 9772 G 10 - 9774 G 10 - 9775 G 10 - 9776 G 10 - 9777 G 10 - 9780 G 10 - 9782 G 10 - 9784 G 10.

In cardboard box.

9789G 10	Each	57,60
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SCU

9789G 10



HARTMETALL

**9789G 12** SCU HARTMETALL

Product description as Art. 9789G 10

Comprises:

1 item per type Art. 9770 G 12 - 9772 G 12 - 9774 G 12 - 9775 G 12 - 9776 G 12 - 9777 G 12 - 9780 G 12 - 9782 G 12 - 9784 G 12.

In cardboard box.

9789G 12 Each **64,78****9789G 16** SCU HARTMETALL

Product description as Art. 9789G 10

Comprises:

1 item per type Art. 9770 G 16 - 9772 G 16 - 9774 G 16 - 9775 G 16 - 9776 G 16 - 9777 G 16 - 9780 G 16 - 9782 G 16 - 9784 G 16.

In cardboard box.

9789G 16 Each **71,44****9789G 20** SCU HARTMETALL

Product description as Art. 9789G 10

Comprises:

1 item per type Art. 9770 G 20 - 9772 G 20 - 9774 G 20 - 9775 G 20 - 9776 G 20 - 9777 G 20 - 9780 G 20 - 9782 G 20 - 9784 G 20.

In plastic case.

9789G 20 Each **93,48****9789G 25** SCU HARTMETALL

Product description as Art. 9789G 10

Comprises:

1 item per type Art. 9770 G 25 - 9772 G 25 - 9774 G 25 - 9775 G 25 - 9776 G 25 - 9777 G 25 - 9780 G 25 - 9782 G 25 - 9784 G 25.

In plastic case.

9789G 25 Each **137,78****INSERTS HOLDER FOR TURNING WITH MECHANICAL FIXING****9800** SCU**Prod. SCU**

In treated steel, pin fixing system, suitable for turning and copying.

Excellent tool bit fixing, steady housing and preservation of chip breaker position. Without bits, with screws.

Right-hand, external use.

Square stem side	mm	20	25
Cutting angle	degr.	90	90
Overall length	mm	125	150
Head width and length	mm	25x22	32x22
9800	Each	168,00	189,00

For inserts see Art. 9820 – 9822 – 9824.

Spare support plate (for size 20 and 25mm), for Art. 9800.

O9800A Each **15,80**

Spare plate pin (for size 20 and 25mm), for Art. 9800.

O9800B Each **13,10****9802** SCU

Product description as Art. 9800

Right-hand, external use.

Square stem side	mm	20	25
Cutting angle	degr.	90	90
Overall length	mm	125	150
Head width and length	mm	25x22	32x22
9802	Each	168,00	189,00

For inserts see Art. 9820 – 9822 – 9824.

Spare support plate (for size 20 and 25mm), for Art. 9802.

O9802A Each **15,80**

Spare plate pin (for size 20 and 25mm), for Art. 9802.

O9802B Each **13,10****9804** SCU

Product description as Art. 9800

Right-hand, external use.

Square stem side	mm	20	25
Cutting angle	degr.	75	75
Overall length	mm	125	150
Head width and length	mm	17x28	22x28
9804	Each	168,00	189,00

For inserts see Art. 9820 – 9822 – 9824.

Spare support plate (for size 20 and 25mm), for Art. 9804.

O9804A Each **15,80**

Spare plate pin (for size 20 and 25mm), for Art. 9804.

O9804B Each **13,10**



Product description as Art. 9800

Right-hand, external use.

Square stem side	mm	20	25
Cutting angle	degr.	45	45
Overall length	mm	125	150
Head width and length	mm	22x25	28x32
9806	Each	168,00	189,00

For inserts see Art. 9828 – 9830.

Spare support plate (for size 20 and 25mm), for Art.9806.

O9806A	Each	21,10
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Spare plate pin (for size 20 and 25mm), for Art. 9806.

O9806B	Each	11,20
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SCU

9806



Product description as Art. 9800

Right-hand, external use.

Square stem side	mm	20	25
Cutting angle	degr.	95	95
Overall length	mm	125	150
9808	Each	71,10	80,20

For inserts see Art. 9832.

SCU

9808



Steel, threaded screw fastening suitable for screw threads.

Without bits, with screws.

Right-hand, external use. ISO THREAD.

Square stem side	mm	20	25
Pitch	mm	1,5	1,5
Overall length	mm	125	150
9809	Each	93,80	106,00

For inserts see Art. 9833 L.

SCU

9809



Steel, threaded screw fastening suitable for rotating and copying.

Without bits, with screws.

Right-hand, internal use.

Flat/round stem Ø	mm	8	10	12	16
Cutting angle	degr.	95	95	95	95
Overall length	mm	125	140	160	180
Min. bore Ø	mm	11	15	17	22
9809E	Each	81,40	81,40	81,40	97,20

For inserts see Art. 9833 P.

SCU

9809E



Assortment of 8 mechanical tool attachments.

Comprises:

1 pcs. per type Art. 9809 E 8 - 10 - 12 - 16

3 pcs. Art. 9833 P 8

1 pcs. Art. 9833 P 16

In cardboard box.

9809F	Each	383,08
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SCU

9809F



In treated steel. Disk fixing system with threaded screw, suitable for turning and copying.

Without bits, with screws.

Right-hand, internal use.

Flat/round stem Ø	mm	20	25
Cutting angle	degr.	92	92
Overall length	mm	250	300
Head width and length	mm	13x35	17x40
Min. bore Ø	mm	27	34
9810	Each	272,00	327,00

For inserts see Art. 9834 - 9836 - 9838.

SCU

9810



Steel, threaded screw fastening suitable for screw threads.

Without bits, with screws.

Right-hand, internal use. ISO THREAD.

Flat/round stem Ø	mm	20	25
Pitch	mm	1,5	1,5
Overall length	mm	170	300
Min. bore Ø	mm	24	30
9812	Each	104,00	120,00

For inserts see Art. 9840.

SCU

9812





INSERTS FOR TURNING WITH MECHANICAL FIXING

9820
9822
9824

SCU

Prod. SCU

HARD METAL, TIN-coated. Universal quality.
Exceptional hardness. Maximum shock and abrasion-proof.
With fixing hole for central pin.
For tool bit holder Art. 9800 - 9802 - 9804 for 20 and 25 mm.
TRIANGULAR SHAPE (TNMG)
For fine removal – radius 0.4.
Dimensions: 15.8x9.52x4.76mm.



TIN

HARTMETALL

9820 Each **15,40**

Product description as Art. 9820
TRIANGULAR SHAPE (TNMG)
For medium removal – radius 0.8.
Dimensions 15.4x9.52x4.76mm.

9822 Each **15,20**

Product description as Art. 9820
TRIANGULAR SHAPE (TNMG)
For thick removal – radius 1.2.
Dimensions 14.7x9.52x4.76mm.

9824 Each **15,20**

9828
9830

SCU

HARD METAL, TIN-coated. Universal quality.
Exceptional hardness. Maximum shock and abrasion-proof.
With fixing hole for central pin.
For tool bit holder Art. 9806 x 20 and 25mm.
SQUARE SHAPE (SNMG)
For medium removal – radius 0.8.
Dimensions 12.7x4.76mm.



TIN

HARTMETALL

9828 Each **17,10**

Product description as Art. 9828
SQUARE SHAPE (SNMG)
For thick removal – radius 1.2.
Dimensions 12.7x4.76mm.

9830 Each **17,10**

9832

SCU

HARD METAL, TIN coated. Universal quality.
Exceptional hardness. Maximum resistance to impact and abrasion.
Includes mounting hole for screw.
RHOMBOID SHAPE (CNMG)
For tool bit holders Art. 9808 x 20 and 25mm.
For medium removal - radius 0.8.
Dimensions 12.7x4.76mm.



TIN

HARTMETALL

9832 Each **13,00**

9833L

SCU

HARD METAL, TIN coated. Universal quality.
Exceptional hardness. Maximum resistance to impact and abrasion.
Includes mounting hole for screw.
TRIANGULAR SHAPE (16 ER 150 ISO 134), for external threads at 60°.
For tool bit holders Art. 9809 x 20 and 25mm.



TIN

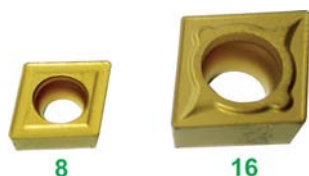
HARTMETALL

Pitch	mm	1	1,25	1,5	1,75	2	2,5	3
9833L	Each	15,10	15,10	15,10	15,10	15,10	15,10	15,10

9833P

SCU

Product description as Art. 9833L
RHOMBOID SHAPE (CCMT)
For tool bit holders Art. 9809 E x 8 - 10 - 12 - 16.



TIN

HARTMETALL

Size	mm	8	16
For toolholders	Art.	9809 E 8-10-12	9809 E 16
Radius	mm	0,4	0,4
CCMT shape		060204N	09T304N
9833P	Each	9,86	12,10



HARD METAL, TIN-coated. Universal quality.
 Exceptional hardness. Maximum shock and abrasion-proof.
 For tool bit holder Art. 9810 x 20 and 25mm.
TRIANGULAR SHAPE (TPUN)
 For fine removal – radius 0.4.
 Dimensions: 15.8x9.52x3.18mm.

9834	Each	13,70
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Product description as Art. 9834
TRIANGULAR SHAPE (TPUN)
 For medium removal – radius 0.8.
 Dimensions: 15.1x9.52x3.18mm.

9836	Each	13,70
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Product description as Art. 9834
TRIANGULAR SHAPE (TPUN)
 For thick removal – radius 1.2.
 Dimensions: 14.5x9.52x3.18mm.

9838	Each	13,70
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SCU

9834
9836
9838



TIN HARTMETALL

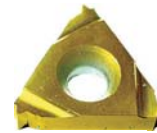
Prod. SCU

HARD METAL, TIN-coated. Universal quality.
 Exceptional hardness. Maximum resistance to impact and abrasion.
 Includes mounting hole for screw.
TRIANGULAR SHAPE (16 IR 150 ISO 134), for 60° internal threads.
 For tool bit holders Art. 9812 x 20 and 25mm.

Pitch	mm	1	1,25	1,5	1,75	2	2,5	3
9840	Each	15,10	15,10	15,10	15,10	15,10	15,10	15,10

SCU

9840
new



TIN HARTMETALL

TOOLS FOR EXTERNAL CUTTING

Prod. SCU

In CHROME-VANADIUM steel.
BLADE HOLDER BODY with fixing screws.

Shank height	mm	20	25
Dimensions	mm	100x44x41 h	110x49x48 h
For insert holder blades	Art.	9845B 1	9845B 2
9845A	Each	62,40	76,70

SCU

9845A



Product description as Art. 9845A
TOOLHOLDER BLADES

Size		1	2
Dimensions	mm	109x25,75 h	150x31,75 h
For base	Art.	9845A 20	9845A 25
For inserts	Art.	9845C 1	9845C 2
9845B	Each	47,50	47,50

SCU

9845B



In hard metal.
INSERTS

Size		1	2
Thickness at the edge	mm	3	4
For insert holder blades	Art.	9845B 1	9845B 2
9845C	Each	9,86	11,50

SCU

9845C





INSERTS HOLDER FOR MILLING WITH MECHANICAL FIXING

9845E

SCU

Prod. SCU

Type for MILLING AND COPYING with threaded shank and internally cooled.
WITHOUT INSERTS, with screws.



Size		1	2	3	4	5	6
Ø D	mm	15	16	16	20	20	25
Length L	mm	23	23	23	30	30	35
Drive Ø	M	8	8	8	10	10	12
Ø shank d	mm	8,5	8,5	8,5	10,5	10,5	12,5
Radius R	mm	3,5	3,5	3,5	3,5	3,5	3,5
Number of inserts	No.	2	2	3	3	4	5
For inserts (ID code)		9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 7 (RD..0702)
9845E	Each	160,00	160,00	190,00	193,00	225,00	260,00

Size		7	8	9	10	11	12
Ø D	mm	32	20	25	25	32	32
Length L	mm	43	30	35	35	43	43
Drive Ø	M	16	10	12	12	16	16
Ø shank d	mm	17	10,5	12,5	12,5	17	17
Radius R	mm	3,5	5	5	5	5	5
Number of inserts	No.	5	2	2	3	3	4
For inserts (ID code)		9848A 7 (RD..0702)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)
9845E	Each	270,00	160,00	175,00	195,00	206,00	238,00

Size		13	14	15	16	17
Ø D	mm	35	35	35	40	42
Length L	mm	43	43	43	43	43
Drive Ø	M	16	16	16	16	16
Ø shank d	mm	17	17	17	17	17
Radius R	mm	5	5	5	5	5
Number of inserts	No.	3	4	5	4	5
For inserts (ID code)		9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)
9845E	Each	206,00	239,00	272,00	239,00	275,00

Spare screws TORX T 7 for Art. 9845 E 1 to 7 / 9846 E 2-3-5-6.

OV9845E 1 Each **8,66**

Spare screws TORX T 15 for Art. 9845 E 8.

OV9845E 8 Each **8,66**

Spare screws TORX T 15 for Art. 9845 E 9 to 17.

OV9845E 9 Each **8,66**

9845F

SCU

Type for MILLING AND COPYING with cylindrical shank.
WITHOUT INSERTS, with screws.



Size		1	2	3	4	5	6
Ø D	mm	10	12	16	20	25	32
Length L1	mm	35	50	53	61	70	80
Overall length L	mm	150	160	175	190	190	210
Ø drive d	mm	12	12	16	20	25	32
Radius R	mm	5	6	8	10	12,5	16
Number of inserts	No.	1	1	1	1	1	1
For inserts (ID code)		9848E 10 (WPR10..)	9848E 12 (WPR12..)	9848E 16 (WPR16..)	9848E 20 (WPR20..)	9848E 25 (WPR25..)	9848E 32 (WPR32..)
9845F	Each	211,00	211,00	234,00	268,00	312,00	349,00

Spare screws TORX T 15 for Art. 9845 F 1.

OV9845F 1 Each **33,10**

Spare screws TORX T 20 for Art. 9845 F 2.

OV9845F 2 Each **33,10**

Spare screws TORX T 20 for Art. 9845 F 3.

OV9845F 3 Each **44,20**

Spare screws TORX T 20 for Art. 9845 F 4.

OV9845F 4 Each **41,60**

Spare screws TORX T 30 for Art. 9845 F 5.

OV9845F 5 Each **45,40**

Spare screws TORX T 30 for Art. 9845 F 6.

OV9845F 6 Each **45,40**



Type for MILLING AND COPYING with hole shank and internally cooled.
WITHOUT INSERTS, with screws.

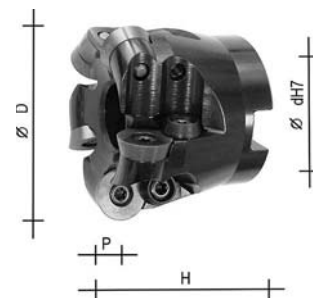
Size		1	2	3	4	5
Ø D	mm	50	52	63	66	80
Length total H	mm	50	50	50	50	50
Ø drive d	mm	22	22	27	27	27
Measure P	mm	8	8	8	8	8
Number of inserts	No.	4	4	5	5	6
For inserts (ID code)		9848A 16 (RD..1604)	9848A 16 (RD..1604)	9848A 16 (RD..1604)	9848A 16 (RD..1604)	9848A 16 (RD..1604)
9845G	Each	279,00	279,00	335,00	339,00	391,00

Spare screws TORX T 20 for Art. 9845 G 1 to 5 / 9845 R 1-2 / 9846 B 1 to 4.

OV9845G	Each	6,52
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SCU

9845G



Type for 43° MILLING AND COPYING with hole shank and internally cooled.
WITHOUT INSERTS, with screws.

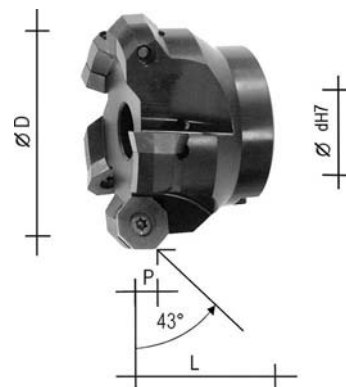
Size		1	2	3
Ø D	mm	50	63	80
Overall length L	mm	40	40	50
Ø drive d	mm	22	22	27
Measure P	mm	4,5	4,5	4,5
Number of inserts	No.	4	5	5
For inserts (ID code)		9848F (OD..0605)	9848F (OD..0605)	9848F (OD..0605)
9845H	Each	278,00	306,00	348,00

Spare screws TORX T 20 for Art. 9845 H 1 to 3.

OV9845H	Each	8,34
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SCU

9845H



Type for 45° MILLING AND COPYING with hole shank and internally cooled.
WITHOUT INSERTS, with screws.

Size		1	2	3	4	5
Ø D	mm	40	50	63	80	100
Length total H	mm	40	48	48	50	54
Ø drive d	mm	16	22	22	27	32
Measure P	mm	6	6	6	6	6
Number of inserts	No.	3	4	5	6	6
For inserts (ID code)		9848G (SE..1204)	9848G (SE..1204)	9848G (SE..1204)	9848G (SE..1204)	9848G (SE..1204)
9845L	Each	229,00	251,00	268,00	308,00	346,00

Spare screws TORX T 20 for Art. 9845 L 1.

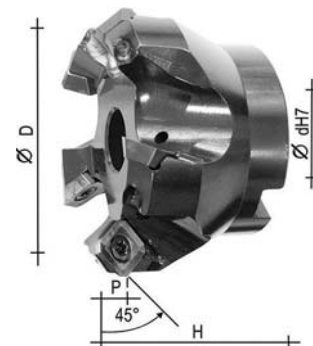
OV9845L 1	Each	7,88
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Spare screws TORX T 20 for Art. 9845 L 2 to 5.

OV9845L 2	Each	7,88
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SCU

9845L



Type for 45° MILLING AND COPYING with hole shank and internally cooled.
WITHOUT INSERTS, with screws.

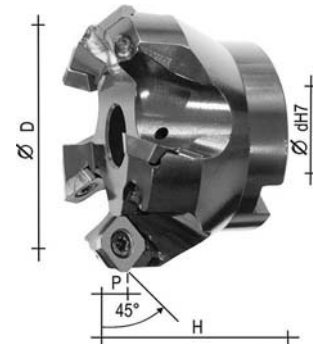
Size		1	2	3	4
Ø D	mm	50	63	80	100
Length total H	mm	48	48	50	55
Ø drive d	mm	22	22	27	32
Measure P	mm	6	6	6	6
Number of inserts	No.	4	5	6	6
For inserts (ID code)		9848H (SE..13T3)	9848H (SE..13T3)	9848H (SE..13T3)	9848H (SE..13T3)
9845M	Each	261,00	294,00	320,00	410,00

Spare screws TORX T 15 for Art. 9845 M 1 to 4.

OV9845M	Each	5,16
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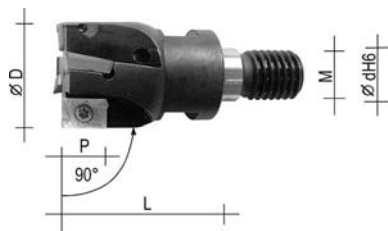
SCU

9845M





9845P



Type for STRAIGHT SHOULDER MILLING with threaded shank and internally cooled. WITHOUT INSERTS, with screws.

Size	1	2
Ø D	mm 20	25
Length L	mm 30	35
Drive Ø	M 10	12
Measure P	mm 10	10
Ø shank d	mm 10,5	12,5
Number of inserts	No. 3	4
For inserts (ID code)	9848L 0,5-0,8-1,2 (AP..1003)	9848L 0,5-0,8-1,2 (AP..1003)

9845P	Each	216,00	234,00
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Spare screws TORX T 8 for Art. 9845 P 1-2.

OV9845P	Each	5,36
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9845R



Type for SHOULDER MILLING with threaded shank and internally cooled. WITHOUT INSERTS, with screws.

Size	1	2
Ø D	mm 32	42
Length L	mm 48	48
Measure H	mm 15	15
Radius R	mm 3	3
Number of inserts	No. 2	3
For inserts (ID code)	9848R (VC..220530)	9848R (VC..220530)

9845R	Each	332,00	398,00
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For spare screws see Art. OV9845 G.

9845T



Type for SHOULDER MILLING with cylindrical shank and crossarms, internally cooled. WITHOUT INSERTS, with screws.

Size	1	2	3
Ø D	mm 25	28	32
Length L1	mm 44	44	50
Overall length L	mm 100	100	110
Ø drive d	mm 25	25	32
Number of inserts	No. 2	3	3
For inserts (ID code)	9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)

9845T	Each	128,00	148,00	153,00
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Spare screws TORX T 15 for Art. 9845 T 1-2.

OV9845T 1	Each	4,74
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Spare screws TORX T 15 for Art. 9845 T 3/9845 V 1 to 3/9845 Z 1-2/9846 A 1 to 8/9846 E 1-4-7/9846 F 1 to 6.

OV9845T 3	Each	7,88
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9845V



Type for SHOULDER MILLING with cylindrical shank and internally cooled. WITHOUT INSERTS, with screws.

Size	1	2	3
Ø D	mm 25	32	32
Length L1	mm 60	60	60
Overall length L	mm 180	180	180
Ø drive d	mm 20	25	32
Number of inserts	No. 2	3	3
For inserts (ID code)	9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)

9845V	Each	172,00	204,00	204,00
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For spare screws see Art. OV9845 T 3.

9845Z



Type for SHOULDER MILLING with conical shank and internally cooled. WITHOUT INSERTS, with screws.

Size	1	2
Ø D	mm 32	40
Length L1	mm 40	48
Overall length L	mm 125	157
Drive	CM 3	4
Number of inserts	No. 3	4
For inserts (ID code)	9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)

9845Z	Each	173,00	225,00
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For spare screws see Art. OV9845 T 3.



Type for SHOULDER MILLING with hole shank and internally cooled (Sizes 7 and 8 without internal lubrication).

WITHOUT INSERTS, with screws.

Size		1	2	3	4
Ø D	mm	40	50	63	63
Overall length L	mm	40	40	40	40
Ø drive d	mm	16	22	22	22
Number of inserts	No.	4	5	5	6
For inserts (ID code)		9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)

9846A	Each	193,00	201,00	218,00	229,00
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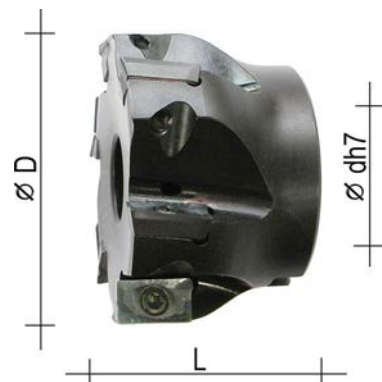
Size		5	6	7	8
Ø D	mm	80	100	125	160
Overall length L	mm	50	50	63	63
Ø drive d	mm	27	32	40	40
Number of inserts	No.	6	7	8	10
For inserts (ID code)		9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)	9848P 0,8-1,6-3,2 (AP..1604)

9846A	Each	273,00	330,00	433,00	611,00
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For spare screws see Art. OV9845 T 3.

SCU

9846A



Type for SHOULDER MILLING with hole shank and internally cooled.

WITHOUT INSERTS, with screws.

Size		1	2	3	4
Ø D	mm	42	52	66	80
Length L	mm	57	57	57	57
Ø drive d	mm	16	22	27	27
Measure H	mm	15	15	15	15
Number of inserts	No.	3	3	4	4
For inserts (ID code)		9848R (VC..220530)	9848R (VC..220530)	9848R (VC..220530)	9848R (VC..220530)

9846B	Each	353,00	356,00	380,00	414,00
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For spare screws see Art. OV9845 G.

SCU

9846B



INSERTS HOLDER FOR CHAMFERING AND COUNTERSINKING WITH MECHANICAL FIXING

Prod. SCU

Type for BEVELS and FLARES with cylindrical shank and crossarms.

WITHOUT INSERTS, with screws.

Size		1	2	3	4	5	6	7
Ø min D1	mm	6	1,8	6	12,5	5,4	15,8	20
Ø max D2	mm	32	15,5	19,5	32,5	16	26	35
Length H	mm	39	20	35	39	20	35	39
Overall length L	mm	95	70	90	95	70	90	95
Ø drive d	mm	20	12	20	25	12	20	25
Angle K°	degr.	30	45	45	45	60	60	60
Number of inserts	No.	2	1	2	2	1	2	2
For inserts (ID code)		9848VB (TC..16T3)	9848VA (TC..1102)	9848VA (TC..1102)	9848VB (TC..16T3)	9848VA (TC..1102)	9848VA (TC..1102)	9848VB (TC..16T3)

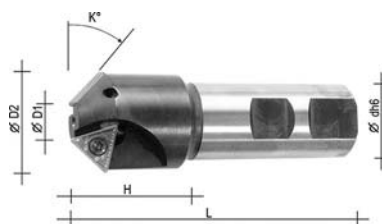
9846E	Each	161,00	86,40	109,00	153,00	86,40	116,00	160,00
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Sizes 1 and 2 with only 1 plate.

For spare screws see Art. OV 9845 E 1 and OV9845 T 3.

SCU

9846E



Type for BEVELS and FLARES with cylindrical shank and crossarms.

WITHOUT INSERTS, with screws.

Size		1	2	3	4	5	6
Ø min D1	mm	12	16	30	12	16	30
Ø max D2	mm	23,7	28,8	42,3	23,7	28,8	42,3
Length L1	mm	25	35	35	20	42	40
Overall length L	mm	100	100	100	200	200	200
Ø drive d	mm	20	20	25	20	20	25
Number of inserts	No.	1	2	3	1	2	3
For inserts (ID code)		9848Z (SC..09T3)	9848Z (SC..09T3)	9848Z (SC..09T3)	9848Z (SC..09T3)	9848Z (SC..09T3)	9848Z (SC..09T3)

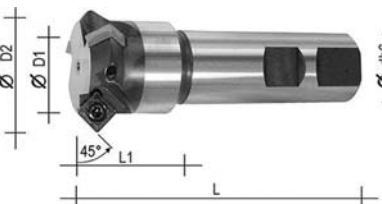
9846F	Each	104,00	128,00	165,00	138,00	162,00	198,00
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Sizes 1 and 2 with only 1 plate.

For spare screws see Art. OV9845 T 3.

SCU

9846F





INSERTS FOR MILLING WITH MECHANICAL FIXING

9848A

SCU



TiAIN

HARTMETALL

Prod. SCU

In carbide, PVD-TiAIN coating (CH 6920). Universal quality also suitable for machining stainless steel and titanium alloys. With mounting hole for central screw.

Shape: round. Cutting angle: 15°.

		7	10	16
Ø	mm			
Thickness	mm	2,38	3,18	4,76
For tool-holder cutters	Art.	9845E 1 to 7	9845E 8 to 17	9845G 1 to 5
ISO Code		RDHW0702MOT	RDHW1003MOT	RDHW1604MOT
9848A	Each	17,50	17,90	26,70

9848E

SCU



TiAIN

HARTMETALL

Product description as Art. 9848A

Shape: half-round

		10	12	16	20	25	32
Ø	mm						
Height	mm	9,5	11,9	13,9	15,9	21,5	25,9
Thickness	mm	2,5	2,5	3	3	4	5
For tool-holder cutters	Art.	9845F 1	9845F 2	9845F 3	9845F 4	9845F 5	9845F 6
ISO Code		WPRSN10	WPRSN12	WPRSN16	WPRSN20	WPRSN25	WPRSN32
9848E	Each	58,90	62,40	65,80	83,10	127,00	139,00

9848F

SCU



TiAIN

HARTMETALL

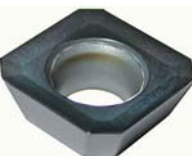
Product description as Art. 9848A

Shape: octagonal. Cutting angle: 15°.

Width	mm	15,8
Side	mm	6
Thickness	mm	5,56
Radius	mm	0,8
For tool-holder cutters	Art.	9845H 1 to 3
ISO Code		ODHW060508TN
9848F	Each	33,70

9848G

SCU



TiAIN

HARTMETALL

Product description as Art. 9848A

Shape: diamond. Cutting angle: 20°.

Side	mm	12,7
Bevel	mm	2,8
Thickness	mm	4,76
For tool-holder cutters	Art.	9845L 1 to 5
ISO Code		SEHT1204AFTN
9848G	Each	18,60

9848H

SCU



TiAIN

HARTMETALL

Product description as Art. 9848A

Shape: diamond. Cutting angle: 20°.

Side	mm	13,3
Bevel	mm	2
Thickness	mm	3,97
For tool-holder cutters	Art.	9845M 1 to 4
ISO Code		SEHT13T3AGSN
9848H	Each	24,90

9848L

SCU



TiAIN

HARTMETALL

Product description as Art. 9848A

Shape: rectangular. Cutting angle: 11°.

		0,5	0,8	1,2
Radius	mm			
Length	mm	10	10	10
Width	mm	6,7	6,7	6,7
Thickness	mm	3,5	3,5	3,5
For tool-holder cutters	Art.	9845P 1-2	9845P 1-2	9845P 1-2
ISO Code		APKT100305PDSR	APKT100308PDSR	APKT100312PDSR
9848L	Each	16,10	16,10	16,10

9848P

SCU



TiAIN

HARTMETALL

Product description as Art. 9848A

Shape: rectangular. Cutting angle: 11°.

		0,8	1,6	3,2
Radius	mm			
Length	mm	16	16	16
Width	mm	9,45	9,45	9,45
Thickness	mm	5,35	5,35	5,35
For tool-holder cutters	Art.	9845T 1-3/9845V 1-3/ 9845Z 1-2/9846A 1-7	9845T 1-3/9845V 1-3/ 9845Z 1-2/9846A 1-7	9845T 1-3/9845V 1-3/ 9845Z 1-2/9846A 1-7
ISO Code		APKT160408PDSR	APKT160416PDSR	APKT160432PDSR
9848P	Each	20,10	18,90	18,90



In carbide (CH 0910). Suitable for machining iron-based alloys, nickel, cobalt, titanium, inconel and heat-resistant metals. With mounting hole for central screw.

Shape: diamond. Cutting angle: 35°.

Radius	mm	3
Length	mm	27,8
Width	mm	12,7
Thickness	mm	5,6
For tool-holder cutters	Art.	9845R 1-2/9846B 1 to 4
ISO Code		VCGX220530LN

9848R	Each	48,80
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SCU

9848R



HARTMETALL

INSERTS FOR CHAMFERING AND COUNTERSINKING WITH MECHANICAL FIXING

Prod. SCU

In Hard Metal, with CVD coating (GRADE CH 5125). Universal quality also suitable for processing stainless steels and steel cast irons. With mounting hole for central screw.

Shape: triangular. Cutting angle: 7°.

Radius	mm	0,4	0,8
Side	mm	9,7	9,7
Thickness	mm	2,38	2,38
For tool-holder cutters	Art.	9846E 2-3-5-6	9846E 2-3-5-6
ISO Code		TCMT110204	TCMT110208

9848VA	Each	14,70	14,70
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SCU

9848VA



HARTMETALL

Product description as Art. 9848VA

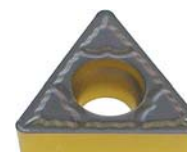
Shape: triangular. Cutting angle: 7°.

Radius	mm	0,4	0,8
Side	mm	15	15
Thickness	mm	3,97	3,97
For tool-holder cutters	Art.	9846E 1-4-7	9846E 1-4-7
ISO Code		TCMT16T304	TCMT16T308

9848VB	Each	15,30	15,30
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SCU

9848VB



HARTMETALL

Product description as Art. 9848VA

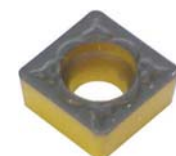
Shape: square. Cutting angle: 7°.

Radius	mm	0,4	0,8
Side	mm	9,52	9,52
Thickness	mm	3,97	3,97
For tool-holder cutters	Art.	9846F 1 a 6	9846F 1 a 6
ISO Code		SCMT09T304	SCMT09T308

9848Z	Each	15,30	15,30
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SCU

9848Z



HARTMETALL



NEW!

NEW ITEMS GROUP 14

GEDORE



9853

Set of special tools for O-RINGS,
in special steel
► P. 1368

GEDORE



9957Z

Non-sparking safety tools, trowels
► P. 1388

GEDORE



9958G

Non-sparking safety tools, spatulas
► P. 1388



CHOICE AND USE

Here are the Sicutool applications made to pass from hand to hand the information necessary to choose and use the products of the Sicutool catalogue.


I.SICUTOOLS

These are the **QR codes** on the header of each page of the printed catalog, the **web catalogue** full of additional information and the **flip-book** updated every month.

ANTI-CORROSION "NC" TOOLS - SPECIAL TOOLS ANTI-SPARK TOOLS

All items are in sequence. It's very easy to find them!



Special tools for O-Rings
Punches and hooks for rings



From **9850**
To **9853B**



Anti-corrosion tools
NAUTIC COROSTOP



From **9855**
To **9885P**

Stainless steel tools



From **9886A**
To **9887P**



Anti-spark hand tools

From **9896**
To **9965**





ASSORTED O-RINGS

9850

SCU



Prod. SCU

Nitrile rubber (NBR) 70° shore hardness.
Operating temperature between -30° C +130° C
Case dimensions of 310x240x50 h mm.

Assortment of 805 pieces (36 sizes of ring):

30 rings per size, thickness 1.78mm, internal Ø 1.78 - 2.57 - 2.90 - 3.69 - 4.47 - 5.28 - 6.07 - 7.66 - 9.25 - 10.82 - 12.42 - 14.00 - 15.60 - 17.16 - 18.77 - 20.35 - 21.95 - 23.52 - 25.12 - 26.70mm

15 rings per size, thickness 2.62mm, internal Ø 9.13 - 10.78 - 12.37 - 13.95 - 15.54 - 17.13 - 18.72 - 20.29 - 21.90mm

10 rings per size, thickness 3.53mm, internal Ø 18.64 - 20.22 - 21.82 - 23.40 - 24.99 - 28.17 - 29.74mm.

9850

Each

87,60

SET OF SPECIAL TOOLS FOR O-RINGS

9850F

SCU



Prod. SCU

FINE series. In stainless steel, for installing and removing o-rings from fine mechanics parts.
Suitable for installers or repairers of oleodynamic and pneumatic equipment and precision micro-mechanics.

Assortment of 5 tools:

- knurled jaw tweezers. Length 130mm;

- perforating tool with drill suitable for removing o-rings. Length 145mm;

- tool with angle lever suitable for removing o-rings from grooves or difficult-to-access areas by prising from the bottom of the groove. Length 140mm;

- tool with lever, flat face, suitable for installing or removing o-rings from grooves. Length 130mm;

- pressing/pulling tools, with straight flat tip tool, multi-purpose use, for hooking, positioning, pressing or pulling o-rings into the groove. Length 130mm.

Supplied in handy package complete with instructions for use.

9850F

Each

43,10

9852F

SCU



HEAVY series. In stainless steel, for installing or removing o-rings and seals, even if particularly thick.

Suitable for installers and repairers of mechanical equipment.

Assortment of 5 tools:

- perforating tool with drill suitable for removing o-rings and gaskets. Length 160mm;

- tool with angle lever suitable for removing o-rings and gaskets from grooves or difficult-to-access areas by prising from the bottom of the groove. Length 145mm;

- tool with lever, flat face, suitable for installing or removing o-rings and gaskets from grooves.

Length 160mm;

- pressing/pulling tool, multi-purpose use, suitable for hooking, positioning, pressing or pulling o-rings and gaskets into the groove. Length 150mm;

- straight flat tip tool suitable for installing or removing o-rings and gaskets placed near the surface. It can be used also as a support tool of other models when working with 2 tools at the same time. Length 135mm.

Supplied in handy package complete with instructions for use.

9852F

Each

59,20

9853

new

GEDORE



Orig. Gedore red - Art. R19101001

In special steel, with plastic handle.

Particularly suitable for installing and removing rings, springs, gaskets etc. in the automotive and mechanical industry.

Assortment of 4 tools:

Straight-tipped tool.

Pointed tool, bent at 90°.

Pointed tool, bent at 135°.

Narrow hook tool.

Length of each tool: 135 mm.

In pack.

9853

Each

25,50



CORROSION-RESISTANT PICKS AND HOOKS IN SETS

Prod. SCU

Galvanised steel, corrosion-resistant, dual component material with handles. Particularly suitable for installing and removing rings, springs, gaskets etc. in the automotive industry.

Assortment of 4 tools:
 Straight pointed tool. Length 160mm.
 Pointed tool, bent at 90°. Length 160mm.
 Pointed tool, bent at 135°. Length 165mm.
 Narrow hook tool. Length 160mm.
 In a bag.

9853A Each **53,20**

SCU

9853A



Product description as Art. 9853A

Assortment of 7 tools:
 Straight pointed tool. Length 235mm.
 Pointed tool, bent at 110°. Length 240mm.
 Wide hook tool. Length 200mm.
 Mini tool with straight point. Length 160mm.
 Mini pointed tool, bent at 135°. Length 165mm.
 Mini narrow hook tool. Length 160mm.
 Mini pointed tool, bent at 90°. Length 160mm.
 In a practical pack.

9853B Each **82,10**

SCU

9853B



NC ANTI-CORROSION TOOLS

Orig. Gedore - Art. NC 7

Tools with COROSTOP coating, special treatment to protect them against corrosion. These tools are used in wet environments. The tool becomes resistant to corrosion after undergoing a special galvanic process. The anodic effect guarantees the protection against rust. The COROSTOP protective coating offers the tool a reliable protection also in case of slightly damaged surface. Thanks to this method, COROSTOP tools are perfectly suitable for different uses in the boating field (professional and pleasure boating), for works to be carried out on drilling platforms or mines, wherever works must be carried out in water and the use of sturdy and long lasting tools is required.

COMBINATION WRENCHES

According to DIN 3113A/3318.

CHROME-VANADIUM steel.

Bihexagonal head angled at 15°.

Opening	mm	6	7	9	12	14	16	18	32
Overall length	mm	100	110	130	160	180	200	220	380
9855	Each	7,58	7,58	8,26	9,46	10,30	11,60	13,40	22,60
Opening	inch	1/4	11/32	3/8	7/16	1/2	9/16	5/8	11/16
Overall length	mm	100	130	140	150	170	180	200	220
9855	Each	9,20	9,64	9,60	10,10	11,20	12,10	13,70	15,50
Opening	inch	3/4	7/8	1					
Overall length	mm	230	262	302					
9855	Each	16,10	23,10	23,10					

Product running out of stock.

GEDORE

9855



Orig. Gedore - Art. NC 42

Product description as Art. 9856

ALLEN HEAD WRENCHES

According to DIN ISO 2936.

CHROME-VANADIUM steel.

With chamfered head for easier insertion into screws.

Hexagon	mm	2	2,5	3	4	5	5,5	6	8	10
Overall length	mm	52	58	66	74	85	85	96	108	122
9856	Each	0,94	0,98	1,30	1,56	1,72	2,32	2,06	3,32	5,16
Hexagon	inch	3/32	1/8	5/32	3/16	1/4	5/16	3/8	1/2	9/16
Overall length	mm	59	66	74	80	96	108	122	145	154
9856	Each	1,04	1,24	1,72	2,32	2,12	3,40	5,28	8,46	12,50
Hexagon	inch	5/8	3/4							
Overall length	mm	168	199							
9856	Each	14,50	18,80							

Product running out of stock.

GEDORE

9856





9859

GEDORE

**Orig. Gedore - Art. NC 49D+NC 49R**

Product description as Art. 9855
 SPARK PLUG WRENCHES WITH LEVER
 CHROME-VANADIUM steel.
 Tube-type, double opening 16 x 20.8.
 With lever.

Overall length	mm	190
9859	Each	26,90

Product running out of stock.

9860A

GEDORE



3/8"

**Orig. Gedore - Art. NC 53 - NC 52**

Product description as Art. 9855
 SOCKET SPARK PLUG WRENCHES
 CHROME-VANADIUM steel.
 3/8" square drive with system for retaining the spring spark plug .

Opening	mm	16	20,8
Overall length	mm	63	63
9860A	Each	20,60	17,40

Product running out of stock.

9860B

GEDORE



1/2"

**Orig. Gedore - Art. NC 54 - NC 50**

Product description as Art. 9855
 SOCKET SPARK PLUG WRENCHES
 CHROME-VANADIUM steel.
 1/2" square drive with system for retaining the spring spark plug .

Opening	mm	16	20,8
Overall length	mm	63	63
9860B	Each	21,80	17,70

Product running out of stock.

9867

GEDORE

**Orig. Gedore - Art. NC 352 (NC 97)**

Product description as Art. 9855
 OCTAGONAL CHISELS
 CHROME-VANADIUM-MOLYBDENUM steel, 45 Cr Mo V7, high-resistant, self-hardening.
 Hardened heads.

Overall length	mm	150
Cutting edge width	mm	16
9867	Each	15,70

Product running out of stock.

9868

GEDORE

**Orig. Gedore - Art. NC 355 (NC 119)**

Product description as Art. 9855
 OCTAGONAL PIN PUNCHES
 CHROME-VANADIUM-MOLYBDENUM steel, 45 Cr Mo V7, high-resistant, self-hardening.
 Hardened heads.

For pins Ø	mm	4
Overall length	mm	150
9868	Each	9,44

Product running out of stock.



Orig. Gedore - Art. NC 30

Product description as Art. 9855
 SOCKET WRENCHES - 3/8" DRIVE
 According to DIN 3120 ISO 1174.
 CHROME-VANADIUM steel.
 With slots inside the square drive for ratchet balls and sliding bars.
 Internal hex type. Length 28mm.

Opening	mm	10	12	13	14	15	16	17
9869	Each	8,34	8,34	8,34	8,70	8,70	8,70	8,70
Opening	mm	18	19	20	21	22		
9869	Each	8,70	8,70	9,68	9,68	9,68		
Opening	inch	1/4	5/16	11/32	3/8			
9869	Each	12,80	8,98	8,98	8,98			

Product running out of stock.

GEDORE

9869



Orig. Gedore - Art. NC D30

Product description as Art. 9855
 SOCKET WRENCHES - 3/8" DRIVE
 According to DIN 3120 ISO 1174.
 CHROME-VANADIUM steel.
 With slots inside the square drive for ratchet balls and sliding bars.
 Internal bi-hex type. Length 28mm.

Opening	inch	7/16	1/2	9/16	5/8	11/16	3/4
9870	Each	8,98	8,98	8,98	9,62	9,62	11,10

Product running out of stock.

GEDORE

9870



Orig. Gedore - Art. NC 3087

Product description as Art. 9855
 SLIDING LEVERS - 3/8" DRIVE
 CHROME-VANADIUM steel.
 Length 160mm.

9871	Each	16,10
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Product running out of stock.

GEDORE

9871



Orig. Gedore - Art. NC 3090

Product description as Art. 9855
 EXTENSIONS - 3/8" DRIVE
 CHROME-VANADIUM steel.
 Length 125mm.

9872	Each	13,30
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Product running out of stock.

GEDORE

9872



Orig. Gedore - Art. NC 3093U-10

Product description as Art. 9855
 RATCHET LEVERS - 3/8" DRIVE
 CHROME-VANADIUM steel.
 With small lever for RIGHT/LEFT and fixed movement.
 Rubber handle. Rapid and safe release with button.
 Fine toothing. Length 200mm.

9873	Each	85,60
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Product running out of stock.

GEDORE

9873



Orig. Gedore - Art. NC 19

Product description as Art. 9855
 SOCKET WRENCHES - 1/2" DRIVE
 According to DIN 3120 ISO 1174.
 CHROME-VANADIUM steel.
 With slots inside the square drive for ratchet balls and sliding bars.
 Internal hex type. Length 40mm.

Opening	mm	10	12	14	16	18	22	32
9874	Each	7,64	8,20	8,42	8,42	9,62	9,86	14,70

Product running out of stock.

GEDORE

9874





9875 GEDORE



Orig. Gedore - Art. NC D19
 Product description as Art. 9855
 SOCKET WRENCHES - 1/2" DRIVE
 According to DIN 3120 ISO 1174.
 CHROME-VANADIUM steel.
 With slots inside the square drive for ratchet balls and sliding bars.
 Internal bi-hex type. Length 39mm.

Opening	inch	5/16	11/32	3/8	13/32	7/16	1/2	9/16
9875	Each	12,90	16,90	9,26	9,26	9,26	9,26	9,72
Opening	inch	19/32	5/8	11/16	3/4			
9875	Each	9,72	9,72	10,40	10,40			

Product running out of stock.

9877 GEDORE



Orig. Gedore - Art. NC 1990
 Product description as Art. 9855
 EXTENSIONS - 1/2" DRIVE
 CHROME-VANADIUM steel.

Overall length	mm	125	250
9877	Each	13,20	18,10

Product running out of stock.

9878 GEDORE



Orig. Gedore - Art. NC 1993U-10 T
 Product description as Art. 9855
 RATCHET LEVERS - 1/2" DRIVE
 CHROME-VANADIUM steel.
 With small lever for RIGHT/LEFT and fixed movement.
 Rubber handle. Rapid and safe release with button.
 Fine toothing. Length 270mm.

9878	Each	93,10
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Product running out of stock.

9879 GEDORE



Orig. Gedore - Art. NC 2150
 Product description as Art. 9855
 FLAT-TIPPED SCREWDRIVERS
 Ergonomic handles, strong, anti-slip, obtained by combining 3 different plastic materials.
 Connection hole. Blades DIN 5265 - cutting edges DIN 5264A, MOLYBDENUM-VANADIUM steel (80 and 125mm) and CHROME-VANADIUM-SILICON steel (175mm).

Blade length	mm	175
Cutting edge width	mm	8
Cutting edge thickness	mm	1,2
Blade Ø	mm	7
Overall length	mm	295
9879	Each	12,20

Product running out of stock.



Orig. Gedore - Art. NC 502M

Product description as Art. 9855

ASSORTMENT OF TOOLS

Supplied in yellow-offshore water-proof cases made of special thermo-plastic material, resistant to temperatures ranging from -25 °C to +80 °C. Cases can float while offering help to any person that may have fallen into water. Their floating capacity can change according to their dimensions. The most part of the tools contained in these cases is protected by a special anti-corrosion coating.

The set is composed of 11 tools:

- 5 Allen head wrenches Art. 9856 2.5-4-5-6-8mm
- 1 flat-tipped screwdriver Art. 9879 125mm
- 1 PH cross-tipped screwdriver Art. 9880 Size 2
- 1 multi-purpose pliers Art. 9865 180mm
- 1 multi-purpose tool Art. 9881
- 1 medical first aid mini-set
- 1 plastic container.

Supplied in water-proof case, with empty object-holder tray, dimensions mm255x180x80h, weight 1.5Kg, floating capacity 20 N.

9885A Each **156,00**

Product running out of stock.



9885A



Orig. Gedore - Art. NC 503M

Product description as Art. 9855

ASSORTMENT OF TOOLS

Supplied in yellow-offshore water-proof cases made of special thermo-plastic material, resistant to temperatures ranging from -25 °C to +80 °C. Cases can float while offering help to any person that may have fallen into water. Their floating capacity can change according to their dimensions. The most part of the tools contained in these cases is protected by a special anti-corrosion coating.

The set is composed of 22 tools:

- 10 Allen head wrenches in series Art. 9857 1.3-1.5-2-2.5-3-4-5-6-8-10mm
- 1 flat-tipped screwdriver Art. 9879 125mm
- 1 PH cross-tipped screwdriver Art. 9880 Size 2
- 1 phase detecting screwdriver 6 to 24 Volt, brass body
- 1 multi-purpose pliers Art. 9865 180mm
- 1 adjustable pliers Art. 9863 250mm
- 1 multi-purpose tool Art. 9881
- 1 spark plug spanner opening 16x20.8mm, with lever, Art. 9859
- 1 spark plug brush with brass wires
- 1 insulated tape
- 1 steel contact file
- 1 medical first aid mini-set

Supplied in water-proof case, dimensions mm255x180x80h, weight 2.4Kg, floating capacity 10 N.

9885C Each **249,00**

Product running out of stock.



9885C



**9885E GEDORE****Orig. Gedore - Art. NC 504M**

Product description as Art. 9855

ASSORTMENT OF TOOLS

Supplied in yellow-offshore water-proof cases made of special thermo-plastic material, resistant to temperatures ranging from -25 °C to +80 °C. Cases can float while offering help to any person that may have fallen into water. Their floating capacity can change according to their dimensions. The most part of the tools contained in these cases is protected by a special anti-corrosion coating.

The set is composed of 65 tools:

13 combination wrenches Art. 9855 mm 6-7-8-9-10-12-13-14-15-16-17-18-19

10 Allen head wrenches in series Art. 9857 mm 1,3-1,5-2-2,5-3-4-5-6-8-10

1 support Art. 9858 with 8 blades for TORX screws T9-T10-T15-T20-T25-T27-T30-T40

1 adjustable wrench Art. 9861 mm 200

1 socket wrench, 1/2" drive, for spark plugs Art. 9860 A opening mm 16

1 socket wrench, 3/8" drive, for spark plugs Art. 9860 A opening mm 20,8

13 socket wrenches, 3/8" drive, Art. 9869 mm 8-10-12-13-14-15-16-17-18-19-20-21-22

1 sliding lever 3/8" drive Art. 9871

1 lever 3/8" drive Art. 9872 mm 125

1 ratchet lever 3/8" drive Art. 9873

3 flat-tipped screwdrivers Art. 9879 mm 80-125-175

2 PH cross-tipped screwdrivers Art. 9880 Gr. 1-2

1 phase detecting screwdriver 6 to 24 Volt, brass body

1 half-round nose plier Art. 9864 mm 160

1 multi-purpose pliers Art. 9865 mm 180

1 grip plier Art. 9862 mm 250

1 side cutter Art. 9866 mm 160

1 recoilless hammer with one steel head and one nylon head, Art. 2789 GP Ø 30mm

1 octagonal chisel Art. 9867 150mm

1 octagonal pin punch Art. 9868 150x4mm

1 bow with steel hacksaw, total length 250mm

1 knife for electricians, blade length 90mm

1 fleximeter with button 3m - 1 insulated tape.

Supplied in water-proof case, dimensions mm420x305x170h, weight 10Kg, floating capacity 100 N.

9885E Each **992,00****Product running out of stock.****9885P GEDORE****Orig. Gedore - Art. NC 505 A**

Product description as Art. 9855

ASSORTMENT OF TOOLS

Supplied in yellow-offshore water-proof cases made of special thermo-plastic material, resistant to temperatures ranging from -25 °C to +80 °C. Cases can float while offering help to any person that may have fallen into water. Their floating capacity can change according to their dimensions. The most part of the tools contained in these cases is protected by a special anti-corrosion coating.

The set is composed of 64 tools:

12 combination wrenches Art. 9855 1/4-5/16-11/32-3/8-7/16-1/2-9/16-5/8-11/16-3/4-7/8-1 inch

8 Allen head wrenches in series Art. 9857P 5/64-3/32-1/8-5/32-3/16-7/32-1/4-5/16 inch

1 support Art. 9858 with 8 blades for TORX screws T9-T10-T15-T20-T25-T27-T30-T40

1 adjustable wrench Art. 9861 300mm

1 socket wrench, 1/2" drive, for spark plugs Art. 9860 B, opening 16mm

1 socket wrench, 1/2" drive, for spark plugs Art. 9860 B, opening 20.8mm

11 socket wrenches, 1/2" drive, bihexagonal Art. 9875 5/16-11/32-3/8-13/32-7/16-1/2-9/16-19/32-5/8-11/16-3/4 inch

1 sliding lever, 1/2" drive, Art. 9876

1 extension, 1/2" drive, Art. 9877 125mm

1 extension, 1/2" drive, Art. 9877 250mm

1 ratchet lever, 1/2" drive, Art. 9878

3 flat-tipped screwdrivers Art. 9879 80-125-175mm

2 PH cross-tipped screwdrivers Art. 9880 Gr. 1-2

1 phase detecting screwdriver 6 to 24 Volt, brass body

1 half-round nose pliers Art. 9864 160mm

1 multi-purpose pliers Art. 9865 180mm

1 grip pliers Art. 9862 250mm

1 adjustable pliers Art. 9863 250mm

1 side cutter Art. 9866 160mm

1 recoilless hammer with one steel head and one nylon head, Art. 2789 GP Ø 30mm

1 octagonal chisel Art. 9867 150mm

1 octagonal pin punch Art. 9868 150x4mm

1 bow with steel hacksaw, total length 250mm

1 knife for electricians, blade length 90mm

1 fleximeter with button 3m

1 insulated tape.

Supplied in water-proof case, dimensions mm 420x305x170h, weight 10Kg, floating capacity 100 N.

9885P Each **1.220,00****Product running out of stock.**



INOX TOOLS

Prod. SCU

Tools made of stainless steel AISI 420, magnetic, highly resistant to corrosion from elements such as water, humidity, smog, etc.

Can be sterilized without being damaged. Hardness 38 to 48 HRC, tensile strength up to 635 N / mm².

Particularly suitable for use outdoors, in the professional shipping industry and naval craft, to work on drilling platforms, and wherever it is necessary to work in the water, in laboratories and chemical industry.

FLAT NOSE PLIERS

Dual component insulated handle. Total length 160mm.

SCU = INOX 9886A



9886A Each 54,80

Product description as Art. 9886A

ROUND NOSE PLIERS

Dual component insulated handle. Total length 160mm.

SCU : INOX 9886B



9886B Each 48,40

Product description as Art. 9886A

STRAIGHT HALF-ROUND NOSE PLIERS WITH CUTTERS

Dual component insulated handle.

Overall length	mm	160	200
9886C	Each	53,50	72,60

SCU ⊖ INOX 9886C



Product description as Art. 9886A

BENT HALF-ROUND NOSE PLIERS WITH CUTTERS

Dual component insulated handle.

Overall length	mm	160	200
9886E	Each	52,60	72,60

SCU ⊖ INOX 9886E



Product description as Art. 9886A

COMBINATION PLIERS

Dual component insulated handle.

Overall length	mm	160	180	200
9886F	Each	72,60	90,90	117,00

SCU INOX 9886F



Product description as Art. 9886A

NIPPERS WITH SIDE CUTTERS

Dual component insulated handle.

Overall length	mm	160	190
9886H	Each	74,20	80,80

SCU INOX 9886H



Product description as Art. 9886A

NIPPERS WITH REINFORCED SIDE CUTTERS

Dual component insulated handle.

Overall length	mm	180	200
9886L	Each	85,50	110,00

SCU INOX 9886L



Product description as Art. 9886A

NIPPERS WITH SHARP FRONTS CUTTERS

Dual component insulated handle.

Total length 160mm.

9886M Each 81,90

SCU INOX 9886M





9886P

SCU

INOX



Product description as Art. 9886A
NIPPERS WITH REINFORCED FRONT CUTTERS

Dual component insulated handle.

Overall length	mm	160	200
9886P	Each	81,90	110,00

9886R

SCU

INOX



Product description as Art. 9886A

STRIPPER PLIERS

Dual component insulated handle.

Total length 160mm.

Capacity	mm ²	0,8 a 6
9886R	Each	110,00

For other pliers, tweezers and nippers in stainless steel for electronics and fine mechanics
see Art. 110 A to 135 GH, 142 to 165, 560 A to 560 D.

9887A

SCU

INOX



Product description as Art. 9886A

FIXED COMBINATION WRENCHES IN MM

Bihexagonal head angled at 15°.

Opening	mm	6	7	8	9	10	11	12
Overall length	mm	115	115	140	140	140	160	160
9887A	Each	16,90	17,70	17,80	19,20	20,60	21,50	22,50
Opening	mm	13	14	15	16	17	18	19
Overall length	mm	180	180	200	200	200	225	225
9887A	Each	23,40	24,40	25,30	26,20	28,10	29,30	33,70
Opening	mm	20	21	22	23	24	25	26
Overall length	mm	250	250	250	270	270	290	290
9887A	Each	35,30	36,10	38,50	42,80	44,70	50,90	51,90
Opening	mm	27	28	29	30	32		
Overall length	mm	290	320	320	320	350		
9887A	Each	54,50	66,30	79,80	85,40	118,00		

9887B

SCU

INOX



Product description as Art. 9886A

FIXED COMBINATION WRENCHES IN INCHES

Bihexagonal head angled at 15°.

Opening	inch	1/4	5/16	11/32	3/8	7/16	13/32	1/2
Overall length	mm	115	140	140	140	160	140	180
9887B	Each	21,50	22,50	25,10	25,30	26,20	26,20	29,10
Opening	inch	9/16	5/8	11/16	3/4	13/16	25/32	7/8
Overall length	mm	180	200	200	225	250	250	250
9887B	Each	30,10	30,90	33,70	39,30	44,90	44,90	50,10
Opening	inch	15/16	1	1.1/16	1.1/8	1.3/16	1.1/4	
Overall length	mm	270	290	290	320	320	350	
9887B	Each	52,10	63,60	63,60	99,80	99,80	138,00	

9887E

SCU



INOX



Product description as Art. 9886A

ALLEN HEAD WRENCHES

Round body.

Opening	mm	2,5	3	3,5	4	5	6	7
Overall length	mm	55	65	65	70	85	90	95
9887E	Each	8,66	9,36	9,56	9,56	10,40	11,50	12,10
Opening	mm	8	9	10	11	12		
Overall length	mm	100	105	110	120	125		
9887E	Each	12,90	21,20	22,10	26,40	30,80		

9887F

SCU



INOX



Product description as Art. 9886A

ALLEN HEAD LONG WRENCHES

Round body.

Opening	mm	2,5	3	4	5	6	7	8
Overall length	mm	105	110	120	130	145	155	160
9887F	Each	10,20	11,10	11,50	12,90	13,90	14,60	17,10
Opening	mm	9	10	11	12			
Overall length	mm	175	180	190	200			
9887F	Each	24,40	26,80	31,50	36,30			



Product description as Art. 9886A
 FLAT-TIPPED SCREWDRIVERS

Dual component handle.

Type		80	100	100A	150	150A	200	200A
Cutting edge width	mm	3	4	5	6	8	10	12
Blade length	mm	80	100	100	150	150	200	200
9887L	Each	13,10	15,90	17,40	19,70	20,60	22,50	40,10

SCU INOX 9887L



Product description as Art. 9886A
 PHILLIPS CROSS-TIPPED SCREWDRIVERS

Dual component handle.

Size		0	1	2	3	4
Blade length	mm	60	80	100	150	200
9887M	Each	10,40	14,10	17,80	27,30	30,80

SCU INOX 9887M



Product description as Art. 9886A
 POZIDRIV CROSS-TIPPED SCREWDRIVERS

Dual component handle.

Size		0	1	2	3	4
Blade length	mm	60	80	100	150	200
9887P	Each	14,90	15,10	17,80	27,70	30,80

SCU INOX 9887P



For other stainless steel screwdrivers see Art. 1932 GZA 1932 GZP.

SPARK-PROOF SAFETY TOOLS

Prod. SCU

Safety tools, spark-proof, amagnetic, corrosion-proof, made of bronze-aluminium alloy and copper-beryllium alloy, built according to the ATEX Directive (potentially explosive atmospheres). This program is particularly suitable for petrochemical, chemical, pharmaceutical and nuclear industry, paints, paper mills, mines, oil wells, refineries, gas deposits, explosive manufacturers, electric companies, military arsenals, tank cleaning companies, etc.

These tools must be ground and sharpened at room temperature and must not be heated above 200° C. The indicated dimensions are indicative.

FLAT NOSE PLIERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length	mm	160
9896	Each	156,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU = INOX 9896



Product description as Art. 9896

ROUND NOSE PLIERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length	mm	160
9898	Each	156,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU INOX 9898



Orig. Gedore - Art. GED0631800C

Product description as Art. 9896

STRAIGHT HALF-ROUND NOSE PLIERS WITH CUTTERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length	mm	180
9900	Each	189,00

GEDORE INOX 9900



Orig. Gedore - Art. GED0602000C

Product description as Art. 9896

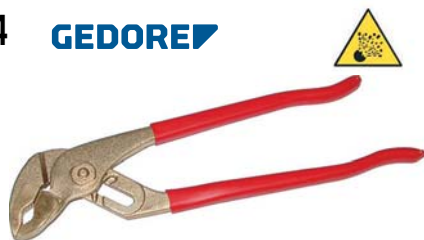
COMBINATION PLIERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length	mm	200
9902	Each	178,00

GEDORE INOX 9902



9904 **GEDORE****Orig. Gedore - Art. GED0502500C**

Product description as Art. 9896

ADJUSTABLE PLIERS

Bronze-aluminium alloy. Plastic-coated handles.

Overall length mm 250

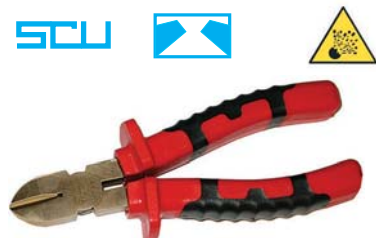
9904 Each **222,00**9905 **SCU****Prod. SCU**

Product description as Art. 9896

GAS PIPES PLIERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length mm 215

9905 Each **191,00**9906 **SCU**

Product description as Art. 9896

OBLIQUE CUTTERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length mm 160

9906 Each **176,00**9907 **SCU**

Product description as Art. 9896

PINCERS

Bronze-aluminium alloy. Plastic-coated handles.

Overall length mm 200

9907 Each **280,00****When the stocks will be run out we will provide the same item Orig. Gedore.**9907F **SCU**

Product description as Art. 9896

SCISSORS

Bronze-aluminium alloy.

With plastic-coated handles.

Overall length mm 150 225

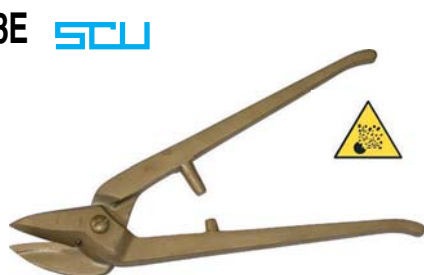
9907F Each **174,00** **269,00**9908 **SCU**

Product description as Art. 9896

SHEARS

Bronze-aluminium alloy.

Overall length mm 300

9908 Each **229,00****When the stocks will be run out we will provide the same item Orig. Gedore.**9908E **SCU**

Product description as Art. 9896

SHEARS

Bronze-aluminium alloy.

Overall length mm 270

9908E Each **243,00**



Product description as Art. 9896

KNIVES

Bronze-aluminium alloy. Wooden handle, with sheath.

Overall length	mm	250
9909	Each	64,10

SCU



9909



Product description as Art. 9896

ADJUSTABLE WRENCHES

Bronze-aluminium alloy.

Overall length	mm	200	250	300	380
9910	Each	156,00	210,00	267,00	412,00

SCU



9910



Orig. Gedore

Product description as Art. 9896

WRENCHES FOR VALVES

Bronze-aluminium alloy.

Overall length	mm	330	420	510
Ø	mm	36x60	48x80	62x102
Supplier code		GED 7013660S	GED 7014880S	GED 7014810S
9910E	Each	295,00	425,00	555,00

GEDORE



9910E



Product description as Art. 9896

WRENCHES FOR VALVES

Bronze-aluminium alloy.

Ø	mm	16	19	22	28
Length l1	mm	40	50	60	80
Overall length	mm	400	500	600	800
Supplier code		GED7021640S	GED7021950S	GED7022260S	GED7022880S
9910V	Each	206,00	260,00	318,00	571,00

GEDORE



9910V



Prod. SCU

Product description as Art. 9896

HOOK FIXED SPANNERS

Bronze-aluminium alloy.

For rings and nuts	mm	34/36	40/42	45/50	52/55	58/62	68/75	80/90	95/100	110/115
Overall length	mm	168	170	205	205	235	255	280	315	330
9911	Each	31,40	34,10	39,30	49,70	55,10	65,50	78,50	96,90	118,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU



9911



Product description as Art. 9896

HOOK VARIABLE SPANNERS

Bronze-aluminium alloy.

For rings and nuts	mm	32/75	50/120	115/170
Overall length	mm	205	280	310
9912	Each	139,00	188,00	277,00

SCU



9912



Product description as Art. 9896

SLUGGING WRENCHES

Bronze-aluminium alloy.

Opening	mm	24	27	30	32	36	41	46
9913	Each	117,00	129,00	124,00	147,00	169,00	225,00	249,00
Opening	mm	50	55	60	65	70	75	80
9913	Each	327,00	347,00	398,00	444,00	484,00	546,00	630,00
Opening	mm	85	90	95	100			
9913	Each	688,00	747,00	979,00	1.220,00			

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU



9913





9914

SCU



Product description as Art. 9896

SLUGGING WRENCHES

Bronze-aluminium alloy. Bi-hexagonal openings.

Opening	mm	19	22	24	27	30	32	36
9914	Each	86,60	86,60	105,00	120,00	125,00	129,00	140,00
Opening	mm	41	46	50	55	60	65	70
9914	Each	187,00	218,00	256,00	313,00	386,00	454,00	553,00
Opening	mm	75	80	85	90			
9914	Each	602,00	814,00	814,00	940,00			

When the stocks will be run out we will provide the same item Orig. Gedore.

9915

SCU



Product description as Art. 9896

SINGLE OPEN-ENDED WRENCHES

Bronze-aluminium alloy.

Opening	mm	6	7	8	9	10	11	12
9915	Each	18,90	20,00	21,20	22,30	24,40	24,40	28,90
Opening	mm	13	14	15	17	19	22	24
9915	Each	28,90	28,90	35,50	35,50	44,40	53,30	60,00
Opening	mm	27	30	32	36	38	41	46
9915	Each	73,20	84,30	91,10	106,00	154,00	154,00	187,00
Opening	mm	50	55	60				
9915	Each	273,00	315,00	422,00				

When the stocks will be run out we will provide the same item Orig. Gedore.

9916

SCU



Product description as Art. 9896

DOUBLE ENDED OPEN JAW WRENCHES

Bronze-aluminium alloy.

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	17x19
9916	Each	17,60	20,50	35,50	37,70	40,10	42,20	51,10
Opening	mm	18x19	19x22	20x22	21x23	22x24	24x26	24x27
9916	Each	53,20	60,00	64,40	66,60	71,10	75,40	77,60
Opening	mm	25x28	27x29	30x32	30x36	35x38	36x41	41x46
9916	Each	82,10	88,80	107,00	123,00	165,00	207,00	227,00
Opening	mm	46x50	50x55	55x60	60x65			
9916	Each	313,00	389,00	468,00	571,00			

When the stocks will be run out we will provide the same item Orig. Gedore.

9918

GEDORE



Orig. Gedore

Product description as Art. 9896

COMBINATION WRENCHES

Bronze-aluminium alloy.

Opening	mm	10	11	12	13	14
Supplier code .		GED0130010S	GED0130011S	GED0130012S	GED0130013S	GED0130014S
9918	Each	37,70	40,10	51,10	51,10	53,30
Opening	mm	15	16	17	19	21
Supplier code .		GED0130015S	GED0130016S	GED0130017S	GED0130019S	GED0130021S
9918	Each	60,00	60,00	60,00	64,40	72,50
Opening	mm	22	23	24	27	30
Supplier code .		GED0130022S	GED0130023S	GED0130024S	GED0130027S	GED0130030S
9918	Each	75,40	82,10	82,10	102,00	123,00
Opening	mm	32	36	41	46	
Supplier code .		GED0130032S	GED0130036S	GED0130041S	GED0130046S	
9918	Each	136,00	200,00	280,00	285,00	

9918A

GEDORE



Orig. Gedore

Product description as Art. 9896

COMBINATION WRENCHES

Bronze-aluminium alloy.

Opening	inch	5/16	7/16	11/16	13/16	15/16
Supplier code .		GED0137102S	GED0137104S	GED0137109S	GED0137111S	GED0137113S
9918A	Each	37,70	40,10	64,40	72,50	82,10
Opening	inch	1.1/8	1.5/16	1.3/8	1.7/16	1.3/4
Supplier code .		GED0137116S	GED0137122S	GED0137123S	GED0137124S	GED0137129S
9918A	Each	123,00	200,00	200,00	200,00	285,00
Opening	inch	1.7/8	2	2.1/16	2.1/8	
Supplier code .		GED0137131S	GED0137132S	GED0137133S	GED0137134S	
9918A	Each	331,00	331,00	373,00	373,00	

Prices in EURO . VAT not included



Prod. SCU

Product description as Art. 9896
BIHEXAGONAL RING WRENCHES
Bronze-aluminium alloy.

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	18x19
9920	Each	40,10	42,20	44,40	48,90	53,30	57,80	68,80
Opening	mm	20x22	21x23	24x27	25x28	30x32	32x36	36x41
9920	Each	79,90	84,30	102,00	118,00	147,00	189,00	225,00
Opening	mm	41x46	46x50	50x60				
9920	Each	327,00	415,00	528,00				

When the stocks will be run out we will provide the same item Orig. Gedore.



9920



Product description as Art. 9896
OFFSET SOCKET WRENCHES

Bronze-aluminium alloy. Bi-hexagonal openings.

Opening	mm	10	13	17	19	22	24	27
Overall length	mm	125	150	200	210	245	270	270
9921	Each	135,00	150,00	200,00	218,00	239,00	239,00	297,00
Opening	mm	30	32	36	41			
Overall length	mm	300	310	320	320			
9921	Each	318,00	411,00	469,00	567,00			

When the stocks will be run out we will provide the same item Orig. Gedore.



9921



Orig. Gedore

Product description as Art. 9896
ALLEN HEAD WRENCHES
Bronze-aluminium alloy.

Opening	mm	1,5	2	2,5	3	4	5	6	7
Supplier code		GED0250015C	GED0250020S	GED0250025S	GED0250030S	GED0250040S	GED0250050S	GED0250060S	GED0250070S
9922	Each	20,00	20,00	20,00	20,00	20,00	20,00	22,30	24,40
Opening	mm	8	9	10	12	13	14	17	19
Supplier code	mm	GED0250080S	GED0250090S	GED0250100S	GED0250120S	GED0250130S	GED0250140S	GED0250170S	GED0250190S
9922	Each	28,90	33,40	37,70	62,10	77,80	91,10	118,00	154,00
Opening	mm	22	24	27	30	32	36		
Supplier code	mm	GED0250220S	GED0250240S	GED0250270S	GED0250300S	GED0250320S	GED0250360S		
9922	Each	165,00	176,00	211,00	244,00	292,00	357,00		



9922



Prod. SCU

Product description as Art. 9896
HEXAGONAL SOCKET WRENCHES
Bronze-aluminium alloy. 1/2" drive.

Opening	mm	8	10	12	13	14	15	16
9924	Each	53,20	53,20	53,20	53,20	53,20	53,20	53,20
Opening	mm	17	18	19	20	21	22	23
9924	Each	53,20	99,80	99,80	99,80	99,80	99,80	99,80
Opening	mm	24	25	26	27	29	30	32
9924	Each	99,80	99,80	99,80	99,80	99,80	99,80	99,80

When the stocks will be run out we will provide the same item Orig. Gedore.



9924



Product description as Art. 9896
HEXAGONAL SOCKET WRENCHES
Bronze-aluminium alloy. 3/4" drive.

Opening	mm	19	22	24	27	30	32	34
9924A	Each	134,00	134,00	120,00	120,00	120,00	109,00	113,00
Opening	mm	36	38	41	46	50	55	60
9924A	Each	118,00	131,00	165,00	225,00	280,00	393,00	464,00

When the stocks will be run out we will provide the same item Orig. Gedore.



9924A



Product description as Art. 9896
LEVER WITH JOINT
Bronze-aluminium alloy. 1/2" drive.

Overall length	mm	230
9925	Each	260,00

When the stocks will be run out we will provide the same item Orig. Gedore.



9925





Product description as Art. 9896
LEVER WITH JOINT
Bronze-aluminium alloy. 3/4" drive.
Overall length mm 300
9925A Each **454,00**

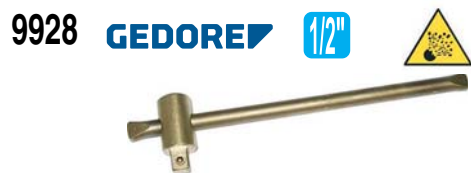
When the stocks will be run out we will provide the same item Orig. Gedore.



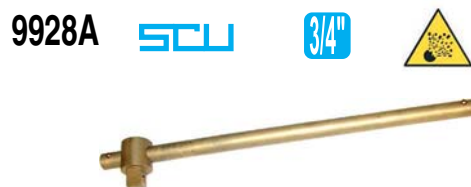
Product description as Art. 9896
RATCHETS LEVER
Bronze-aluminium alloy. 1/2" drive.
Overall length mm 250
9926 Each **402,00**



Product description as Art. 9896
RATCHETS LEVER
Bronze-aluminium alloy. 3/4" drive.
Overall length mm 320
9926A Each **646,00**



Orig. Gedore - Art. GE0400114S
Product description as Art. 9896
SLIDING BARS
Bronze-aluminium alloy. 1/2" drive.
Overall length mm 250
9928 Each **113,00**



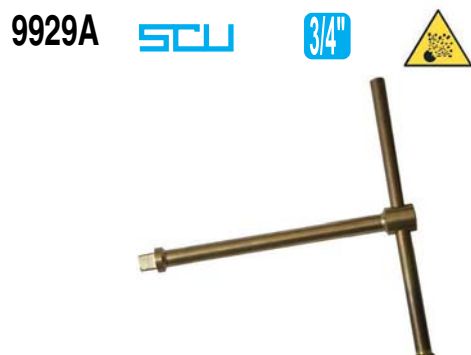
Prod. SCU
Product description as Art. 9896
SLIDING BARS
Bronze-aluminium alloy. 3/4" drive.
Overall length mm 500
9928A Each **240,00**

When the stocks will be run out we will provide the same item Orig. Gedore.



Product description as Art. 9896
"T" HANDLES
With sliding bar. Bronze-aluminium alloy – 1/2" drive.
Overall length mm 245
9929 Each **239,00**

When the stocks will be run out we will provide the same item Orig. Gedore.



Product description as Art. 9896
"T" HANDLES
With sliding bar. Bronze-aluminium alloy – 3/4" drive.
Overall length mm 260
9929A Each **311,00**

When the stocks will be run out we will provide the same item Orig. Gedore.



Orig. Gedore
Product description as Art. 9896
EXTENSIONS
Bronze-aluminium alloy. 1/2" drive.
Overall length mm **100** **250**
Supplier code GED0420002S GED0420121S
9930 Each **131,00** **182,00**



Prod. SCU

Product description as Art. 9896

EXTENSIONS

Bronze-aluminium alloy. 3/4" drive.

Overall length	mm	200	250
9930A	Each	258,00	219,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9930A



3/4"



Product description as Art. 9896

FITTING SOCKETS

Bronze-aluminium alloy.

Overall length	mm	50
Female square drive.	inch	3/4
Male square drive.	inch	1/2
9931	Each	114,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9931



3/4"

1/2"



Orig. Gedore - Art. GED0400116S

Product description as Art. 9896

FITTING SOCKETS

Bronze-aluminium alloy.

Overall length	mm	44
Female square drive.	inch	1/2
Male square drive.	inch	3/4
9931A	Each	113,00

When the stocks will be run out we will provide the same item Orig. Gedore.

GEDORE

9931A



1/2"

3/4"



Prod. SCU

Product description as Art. 9896

PIPE WRENCH SWEDISH MOD.

Bronze-aluminium alloy. Jaws bent at 45°.

For pipes up to Ø	inch	1.1/2	2
9931T	Each	1.140,00	1.260,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9931T



Product description as Art. 9896

PIPE WRENCHES

Bronze-aluminium alloy.

Overall length	mm	350	450	600	900
Max opening	mm	60	75	80	100
9932	Each	466,00	512,00	677,00	1.240,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9932



Product description as Art. 9896

CHAIN PIPE WRENCH

Bronze-aluminium alloy.

For pipes up to inch	inch	2	4	6
Overall length	mm	600	600	600
9932E	Each	1.010,00	1.050,00	1.760,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9932E



Orig. Gedore - Art. GED7710000S

Product description as Art. 9896

PIPE CUTTER

Bronze-aluminium alloy. With wheel for steel pipes and 2 guides.

For gas and water pipes Ø	inch	1/8-2
9933	Each	1.320,00

When the stocks will be run out we will provide the same item Orig. Gedore.

GEDORE

9933



Prod. SCU

Product description as Art. 9896

FLAT-TIP SCREWDRIVERS

Bronze-aluminium alloy. Dual component insulated handles.

Type		50	100	100A	150	200
Cutting edge width	mm	3	4	6	8	10
Blade length	mm	50	100	100	150	200
9934	Each	22,10	27,80	58,50	80,40	87,80

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9934



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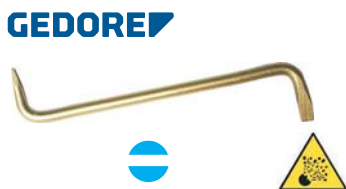
9936



Product description as Art. 9896
PHILLIPS CROSS-TIP SCREWDRIVER
Bronze-aluminium alloy. Dual component insulated handles.

Size		1	2	3	4
Blade length	mm	80	100	150	200
9936	Each	24,90	29,30	43,90	70,20

9936E



Product description as Art. 9896
LEVER SCREWDRIVERS
Bronze-aluminum alloy, S-shaped. For screws with straight cut.

Cutting edge width	mm	4	6	10	13
Overall length	mm	125	130	140	190
Supplier code		GED0831250S	GED0831300S	GED0831400S	GED0831900S
9936E	Each	31,20	73,10	81,10	219,00

9936L



Orig. Gedore - Art. GED1703265C
Product description as Art. 9896
FLAT FILES
Copper-beryllium alloy. Dual-material handle. Second cut.

File length	mm	200
9936L	Each	178,00

9936P



Orig. Gedore - Art. GED1713260C
Product description as Art. 9896
HALF-ROUND FILES
Copper-beryllium alloy. Dual-material handle. Second cut.

File length	mm	200
9936P	Each	178,00

9936R



Orig. Gedore - Art. GED1723260C
Product description as Art. 9896
ROUND FILES
Copper-beryllium alloy. Dual-material handle. Second cut.

File length	mm	200
9936R	Each	163,00

9937



Prod. SCU
Product description as Art. 9896
HAMMERS FOR SCRAPING
Bronze-aluminium alloy. Wooden handle.

Weight	grams	400
9937	Each	120,00

9938



Product description as Art. 9896
LOCKSMITH'S HAMMERS, GERMAN PATTERN
Bronze-aluminium alloy. Fiber and rubber handle.

Weight	grams	300	500	800	1000	1500	2000
9938	Each	67,30	92,10	122,00	142,00	191,00	234,00

9939



Product description as Art. 9896
ENGINEERS' HAMMERS
Bronze-aluminium alloy. Fiber and rubber handle.

Weight	grams	500	800	1000
9939	Each	71,70	84,80	110,00

9939E



Product description as Art. 9896
CLAW HAMMERS
Bronze-aluminium alloy. Fiber and rubber handle.

Weight	grams	500	700
9939E	Each	117,00	147,00



Product description as Art. 9896

BLACKSMITH HAMMERS

Bronze-aluminium alloy. Fiber and rubber handle.

Weight	grams	1000	1500	2000
9940	Each	149,00	179,00	238,00

SCU

9940



Product description as Art. 9896

SLEDGE HAMMERS

Bronze-aluminium alloy. Fiber and rubber handle.

Weight	Kg	3	4,5	5	6,8	8
9940A	Each	357,00	401,00	475,00	624,00	772,00

SCU

9940A



Orig. Gedore - Art. GED1451000S

Product description as Art. 9896

AXES

Bronze-aluminium alloy. Wooden handle.

Weight	grams	1000
9942	Each	174,00

GEDORE

9942



Prod. SCU

Product description as Art. 9896

AXES

Bronze-aluminium alloy. Wooden handle.

Weight	grams	3000
Overall length	mm	900
9942E	Each	393,00

SCU

9942E



When the stocks will be run out we will provide the same item Orig. Gedore.

Product description as Art. 9896

PICK SCRAPERS

Bronze-aluminium alloy.

Overall length	mm	470
Blade width	mm	80
9942R	Each	171,00

SCU

9942R



When the stocks will be run out we will provide the same item Orig. Gedore.

Product description as Art. 9896

FLAT BLADE SCRAPERS

Bronze-aluminium alloy. Plastic-coated handle.

Overall length	mm	310
9943A	Each	78,50

SCU

9943A



When the stocks will be run out we will provide the same item Orig. Gedore.

Product description as Art. 9896

TRIANGULAR BLADE SCRAPERS

Bronze-aluminium alloy. Plastic-coated handle.

Overall length	mm	310
9943B	Each	78,50

SCU

9943B



When the stocks will be run out we will provide the same item Orig. Gedore.

Product description as Art. 9896

FLOOR SCRAPERS WITHOUT HANDLE

Bronze-aluminium alloy.

Blade width	mm	100
9943E	Each	119,00

SCU

9943E





9943R GEDORE



Orig. Gedore - Art. GED7140001S

Product description as Art. 9896

HAND SCRAPERS

Bronze-aluminium alloy.

Overall length	mm	225
Blade width	mm	80
9943R	Each	73,10

9943S GEDORE



Orig. Gedore - Art. GED1355000S

Product description as Art. 9896

IRREGULAR TRIANGULAR (4 SIDES) BLADE SCRAPERS

Bronze-aluminium alloy, wooden grip.

Overall length	mm	420
Length sharp sides	mm	120/105/90/25
9943S	Each	227,00

9943T GEDORE



Orig. Gedore - Art. GED1360255S

Product description as Art. 9896

DECK SCRAPERS

Bronze-aluminium alloy.

Overall length	mm	250
Cutting edges width	mm	45
9943T	Each	76,20

9944 GEDORE



Orig. Gedore

Product description as Art. 9896

CUT CHISELS

Bronze-aluminium alloy.

Overall length	mm	150	200	250	300	400
Cutting edge	mm	20	23	23	23	32
Supplier code.		GED1150150S	GED1150200S	GED1150250S	GED1150300S	GED1150400S
9944	Each	40,10	46,60	66,60	93,20	136,00

9946 GEDORE



Orig. Gedore

Product description as Art. 9896

TIP CHISELS

Bronze-aluminium alloy.

Overall length	mm	150	250	300	350	400
Supplier code		-	GED7080250S	GED7080300S	-	GED7080400S
9946	Each	35,70	66,60	93,20	93,10	136,00

9948 SCU



Prod. SCU

Product description as Art. 9896

MARCHING TOOLS

Bronze-aluminium alloy.

Overall length	mm	150
9948	Each	74,50

9949 SCU



Product description as Art. 9896

PUNCHES

Bronze-aluminium alloy.

Tip Ø	mm	2	3	4	5	6	8	10
Overall length	mm	150	150	150	150	150	150	150
9949	Each	75,20	75,20	75,20	75,20	75,20	89,70	107,00

9950 GEDORE



Orig. Gedore

Product description as Art. 9896

PIN PUNCHES

Bronze-aluminium alloy.

For pins Ø	mm	3	4	5	6	8
Overall length	mm	110	120	130	140	150
Supplier code		GED1190300S	GED1190400S	GED1190500S	GED1190600S	GED1190800S
9950	Each	39,10	48,60	48,60	48,60	64,90



Prod. SCU

Product description as Art. 9896
 BENT MARKING TOOLS
 Bronze-aluminium alloy.

Overall length	mm	300	450
9951	Each	98,80	101,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU



9951

Orig. Gedore - Art. GED1201900S

Product description as Art. 9896
 BENT SCRIBERS

Bronze-aluminium alloy.

Overall length	mm	190
9951P	Each	58,40

GEDORE



9951P

Prod. SCU

Product description as Art. 9896
 STEEL BOWS FOR HACKSAWS
 Bronze-aluminium alloy. For saws length 300mm.

Overall length	mm	550
9952	Each	322,00

SCU



9952

Orig. Gedore - Art. GED1110300C

Product description as Art. 9896
 HACKSAWS FOR METAL
 Copper-beryllium alloy.

Overall length	mm	300
Teeth per inch	Nr	24
9954	Each	65,50

GEDORE



9954

Orig. Gedore

Product description as Art. 9896
 TIPS FOR METALS
 Copper-beryllium alloy. With R up to 40 Kg / mm2.
 They require high cooling by means of coolant and moderate feed.

Tip Ø	mm	7	8
Overall length	mm	120	140
Supplier code		GED9991061C	GED9991062C
9954E	Each	354,00	375,00

Product running out of stock.

GEDORE



9954E

Orig. Gedore - Art. GED 7240001S

Product description as Art. 9896
 COMBINED HAMMER AND WRECKING BAR
 Bronze-aluminium alloy.

Overall length	mm	230
9955	Each	114,00

GEDORE



9955

Prod. SCU

Product description as Art. 9896
 NAIL PULLERS
 Bronze-aluminium alloy. Nail type and chisel.

Overall length	mm	300	500	600	750	900
9956	Each	162,00	194,00	228,00	299,00	373,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU



9956

Product description as Art. 9896

HEXAGONAL LEVERS
 Bronze-aluminium alloy.

Overall length	mm	450	600	750	900
Section	mm	19	19	22	22
9957	Each	116,00	169,00	211,00	351,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU



9957



9957E

SCU



Product description as Art. 9896

CROWBARS

Bronze-aluminium alloy. Heavy type, with reinforced nail terminal.

Overall length	mm	650	800	1000	1250	1500
9957E	Each	309,00	427,00	546,00	733,00	852,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9957R

SCU



Product description as Art. 9896

WEDGES

Bronze-aluminium alloy.

Type		1	2	3	4	5	6
Overall length	mm	100	150	150	150	180	200
Cutting width	mm	50	25	40	50	50	40
Max thickness	mm	10	13	8	13	19	40
9957R	Each	40,50	36,50	40,50	68,80	101,00	101,00

9957Z

new

GEDORE



Orig. Gedore - Art. GED1390130S

Product description as Art. 9896

TROWELS

Bronze-aluminium alloy. Plastic handle.

Blade length	mm	210
9957Z	Each	312,00

9958

SCU



Prod. SCU

Product description as Art. 9896

SPATULAS

Bronze-aluminium alloy. Semi-flexible type, with handle.

Blade width	mm	40	60	80	100
9958	Each	54,60	63,10	72,60	81,70

When the stocks will be run out we will provide the same item Orig. Gedore.

9958E

GEDORE



Orig. Gedore

Product description as Art. 9896

SPATULAS

Bronze-aluminium alloy. Rigid type, with handle.

Blade width	mm	30	40	60	80	110
Supplier code		GED1400030S	GED1400040S	GED1400060S	GED1400080S	GED1400100S
9958E	Each	47,10	65,50	73,30	83,80	91,60

9958F

SCU



Prod. SCU

Product description as Art. 9896

SPATULAS

In copper-beryllium alloy. Rigid type, with handle.

Blade width	mm	20	30	40	60	80	100
9958F	Each	33,10	36,90	41,10	53,30	78,50	84,10

9958G

new

GEDORE



Orig. Gedore - Art. GED9991053S

Product description as Art. 9896

LONG BLADE SCRAPERS

Bronze-aluminium alloy.

Overall length	mm	350
9958G	Each	92,40

9958L

GEDORE



Orig. Gedore - Art. GED9991054S

Product description as Art. 9896

LONG BLADE SCRAPERS

Bronze-aluminium alloy.

Overall length	mm	500
9958L	Each	111,00



Prod. SCU

Product description as Art. 9896

BRUSHES

With strong brass alloy wires, straight. 5 rows. Wire length 28mm. Dimensions 180x50mm.

9959 Each **71,10**

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9959



Orig. Gedore - Art. GED175009S

Product description as Art. 9896

BRUSHES WITH WOOD HANDLE

With bronze-aluminium alloy threads. 4 rankings. Threads: lenght 30mm.

Overall length mm 285

9959T Each **56,70**

GEDORE

9959T



Orig. Gedore - Art. GED175004S

Product description as Art. 9896

BRUSHES WITH WOOD HANDLE

With strong brass alloy wires, straight. 4 rows. Wire length 28mm.

Overall length mm 350

9960 Each **35,10**

GEDORE

9960



Prod. SCU

Product description as Art. 9896

CIRCULAR BRUSHES

With bronze-aluminium wires, hole Ø 22.2mm.

Ø mm 150

9960E Each **284,00**

SCU

9960E



Orig. Gedore - Art. GED1265600S

Product description as Art. 9896

PICKS

Bronze-aluminium alloy. Two tips, with wooden handle.

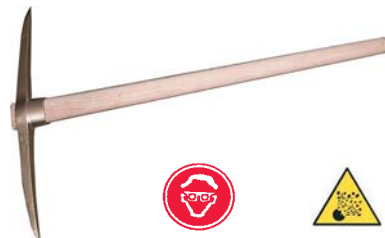
Overall length mm 560

Weight grams 2300

9961 Each **333,00**

GEDORE

9961



Orig. Gedore - Art. GED1255802S

Product description as Art. 9896

PICKS

Bronze-aluminium alloy, tipped and cut, with wooden handle.

Overall length mm 570

Weight grams 2400

9961E Each **341,00**

GEDORE

9961E



Prod. SCU

Product description as Art. 9896

SHOVELS

Bronze-aluminium alloy, shovel dimensions 220x310mm, wooden handle.

Overall length mm 1300

9962 Each **238,00**

SCU

9962



Product description as Art. 9896

SHOVELS

Bronze-aluminium alloy, shovel dimensions 310x250mm, wooden handle.

Overall length mm 1370

9962E Each **261,00**

SCU

9962E





9962P GEDORE



Orig. Gedore - Art. GED1510540S

Product description as Art. 9896

SMALL SHOVELS

Bronze-aluminium alloy. Shovel dimensions 190x240mm, wooden handle.

Overall length	mm	550
9962P	Each	129,00



9963A GEDORE



Orig. Gedore - Art. GED0150380S

Product description as Art. 9896

UNIVERSAL BARREL OPENERS

Bronze-aluminium alloy.

Overall length	mm	380
9963A	Each	156,00



9963B GEDORE



Oeig. Gedore - Art. GED0150382S

Product description as Art. 9896

MULTIFUNCTIONAL BARREL OPENERS

Bronze-aluminium alloy.

Overall length	mm	400
9963B	Each	201,00



9963C SCU



Prod. SCU

Product description as Art. 9896

BARREL OPENERS, SQUARE DRIVE

Bronze-aluminium alloy, with tap square.

Square side	mm	20	22	24	27	32
Overall length	mm	300	300	350	350	400
9963C	Each	108,00	128,00	147,00	177,00	238,00



Product running out of stock.

9963E SCU



Product description as Art. 9896

BARREL CUTTERS

Bronze-aluminium alloy.

Overall length	mm	300
9963E	Each	123,00



When the stocks will be run out we will provide the same item Orig. Gedore.

9963P SCU



Product description as Art. 9896

DRUM HOOKS

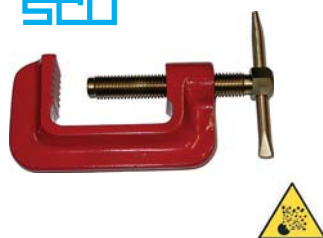
Bronze-aluminium alloy, load 600kg. Arms length 470mm.

9963P	Each	462,00
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When the stocks will be run out we will provide the same item Orig. Gedore.

9964 SCU



Product description as Art. 9896

C-CLAMPS

Bronze-aluminium alloy. Opening 120mm.

Overall length	mm	250
9964	Each	496,00



9965 SCU



Product description as Art. 9896

BENCH ANVILS

Bronze-aluminium alloy.

Weight	Kg	14	25
9965	Each	1.180,00	1.890,00



Product running out of stock.

- | | | | |
|-----------------|--|---------------------|--|
| Nr. 1 | Hardness of steels | Nr. 26 | Recommendations for using helical tips $\leq 3xD$ |
| Nr. 2 | Conversion inches to millimeters | Nr. 27 | Recommendations for using helical tips $\leq 3xD$ |
| Nr. 3/a | Preload forces and clamping values (DIN 13) | Nr. 28 | Recommendations for using helical tips $\leq 5xD$ |
| Nr. 3/b | Preload forces, clamping values (UNC-UNF) and conversion tables | Nr. 29 | Recommendations for using helical tips $\leq 5xD$ |
| Nr. 4 | Internal hexagonal screws | Nr. 30 | Recommendations for using helical tips $\leq 5xD$ |
| Nr. 5 | TORX screws | Nr. 31 | Recommendations for using helical tips $\leq 10xD$ |
| Nr. 6 | Cutting screws | Nr. 32 | Recommendations for using helical tips $\leq 10xD$ and with cooling holes |
| Nr. 7 | PHILLIPS and POZIDRIV screws | Nr. 33 | Recommendations for using helical tips $> 10xD$ |
| Nr. 8/a | Connection table between Art. 1417A - 1417F for Type 6000 ball bearings | Nr. 34 | Recommendations for using micro-tips $\leq 4xD \leq 7xD \leq 5xD \leq 8xD \leq 15xD$ |
| Nr. 8/b | Connection table between Art. 1417G - 1417GB for Type 6000 ball bearings | Nr. 35 | Recommendations for using TS-Drills $\leq 3xD$ |
| Nr. 9 | Table on the accuracy of ER collets according to DIN 6499-B | Nr. 36 | Recommendations for using TS-Drills $\leq 5xD$ |
| Nr. 10 | Values for rotating tailstocks | Nr. 37 | Recommendations for using TS-Drills $\leq 5xD \leq 7xD \leq 10xD \leq 12xD$ |
| Nr. 11 | Spindles connection table | Nr. 38 | Recommendations for using the MULTIPLEX interchangeable insert system |
| Nr. 12 | Morse Cone connection table | Nr. 39 | Diagrams of the refrigerant |
| Nr. 13/a | Stretchers Art. 2150 - 2151 - 2151E - 2151T - 2152 - 2153 | Nr. 40 | Front cutters - Number of revolutions and advancement |
| Nr. 13/b | Redances Art. 2155 - 2158A | Nr. 41 | Roughing cutters - Number of revolutions and advancement |
| Nr. 13/c | Rope clips Art. 2156 - 2158B | Nr. 42 | Tapered drills - Number of revolutions/minutes |
| Nr. 13/d | Shackles Art. 2157 - 2157E - 2158E - 2158F | Nr. 43/a | Cutting speed, feeds, rpm for HSS reamers |
| Nr. 13/e | Male eyebolts Art. 2159T - 2160 - 2160F - 2160L
Female eyebolts Art. 2160T - 2161 - 2161F - 2161L | Nr. 43/b | Cutting speed, feeds, rpm for reamers with MD plates |
| Nr. 13/l | Files section | Nr. 44 | Thread nomenclature |
| Nr. 13/m | Files section | Nr. 45/a-b | Pre-holes for machine taps |
| Nr. 14 | Characteristics of lifting magnets Art. 2815Z | Nr. 45/c-e | Hole diameter for V-Coil tapping |
| Nr. 15 | Approx. revolutions of holesaws in bimetal HSS Art. 3078GS - 3078GSA | Nr. 45/f-g-h | Technical data for threads according to DIN 8140 |
| Nr. 16 | Approx. revolutions of holesaws in integral HSS or with MD insert | Nr. 46 | Circular saws for HSS metals |
| Nr. 17 | Sicutool calibrated thickness gauges | Nr. 47/a-b-c | Bimetallic band saws |
| Nr. 18 | Circular saws with teeth in MD | Nr. 48 | Drawbacks in the use of band saws |
| Nr. 19 | Technical data of abrasive rotating brushes | Nr. 49 | Cutting speed and feed rate with HSS, HSS-E and MD tools |
| Nr. 20 | Flexible abrasives | Nr. 50 | ISO identification system for milling inserts |
| Nr. 21 | General data on the choice of abrasive wheels and cutting wheels | Nr. 51 | ISO identification system for milling inserts |
| Nr. 22 | Recommended cutting speeds for rotary milling cutters in MD | Nr. 52 | Description of milling grades and applications |
| Nr. 23 | Helical tips - Features and construction elements | Nr. 53 | Choice of alloys |
| Nr. 24 | Dimensions of cylindrical connections in MD | Nr. 54 | Milling parameters |
| Nr. 25 | Treatments | Nr. 55 | Milling parameters |
| | | Nr. 56 | ISO identification system for rotating inserts |
| | | Nr. 57 | ISO identification system for rotating inserts |
| | | Nr. 58 | Choice of alloys |
| | | Nr. 59 | Cutting speed for all turning inserts |
| | | Nr. 60 | Formulas |



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HARDNESS OF STEELS
Tabella N. 1

Equivalenza fra resistenza alla trazione «R Kg/mm²»
Durezza Brinell «HB», Rockwell «HRB» e «HRC», Vickers «HV», Shore «HS».

R Kg/mm ²	HB Brinell	HRB Rockwell B	HRC Rockwell C	HV Vickers	HS Shore	R Kg/mm ²	HB Brinell	HRB Rockwell B	HRC Rockwell C	HV Vickers	HS Shore
52	145	77	- 6	145	23	101	294	106	31	296	46
53	148	79	- 4	148	24	104	301	107	32	304	48
54	150	80	- 3	150	24	106	309	108	33	314	49
55	152	81	- 2	152	25	110	318	108	34	323	50
56	154	83	- 1	154	25	112	327	109	35	332	51
57	158	85	1	158	26	115	337	109	36	345	52
58	160	86	2	160	26	119	347	110	37	357	53
59	162	86	3	162	26	123	357	111	38	371	54
60	168	88	5	168	27	126	367	111	39	381	55
61	171	88	6	171	28	130	377	112	40	391	56
62	177	90	8	177	29	132	387	112	41	404	58
63	183	91	10	183	30	136	398	113	42	416	59
64	186	92	11	186	30	140	408	114	43	427	60
65	190	93	12	190	31	144	419	114	44	440	63
66	193	94	13	193	31	148	430	115	45	453	64
67	197	94	14	197	32	152	442	115	46	468	65
69	201	95	15	201	32	156	453	116	47	482	67
71	206	96	16	206	33	159	464	117	48	497	68
72	210	96	17	210	33	164	476	117	49	513	69
74	215	97	18	215	34	168	488	118	50	528	70
75	220	98	19	220	35	173	500	118	51	549	72
77	225	99	20	225	35	178	512	119	52	567	74
79	230	99	21	230	36	181	524	119	53	585	75
81	235	100	22	235	37	185	536	120	54	604	76
83	241	101	23	241	38	189	548	120	55	623	78
85	247	102	24	247	39	193	561	120	56	646	79
87	253	102	25	253	40	197	574	121	57	666	80
89	259	103	26	259	41	201	587	121	58	693	81
91	265	103	27	266	42	205	600	122	59	720	83
94	272	104	28	273	43	210	613	122	60	746	84
96	279	104	29	280	44	214	627	122	61	772	86
98	286	105	30	288	45	219	635	123	62	797	88
						224	650	123,5	63	826	90

CONVERSION INCHES TO MILLIMETERS
Tabella N. 2



Pollici	0"	1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	Pollici
Millimetri												
0	0	25,40	50,80	76,20	101,60	127,00	152,41	177,81	203,21	228,61	254,01	
1/32	0,79	26,19	51,59	77,00	102,40	127,80	153,20	178,60	204,00	229,40	254,80	1/32
1/16	1,59	26,99	52,39	77,79	103,19	128,59	153,99	179,39	204,79	230,20	255,60	1/16
3/32	2,38	27,78	53,18	78,58	103,98	129,39	154,79	180,19	205,59	230,99	256,39	3/32
1/8	3,17	28,58	53,98	79,38	104,78	130,18	155,58	180,98	206,38	231,78	257,18	1/8
5/32	3,97	29,37	54,77	80,17	105,57	130,97	156,37	181,77	207,18	232,58	257,98	5/32
3/16	4,76	30,16	55,56	80,96	106,37	131,77	157,17	182,57	207,97	233,37	258,77	3/16
7/32	5,55	30,96	56,36	81,76	107,16	132,56	157,96	183,36	208,76	234,16	259,56	7/32
1/4	6,35	31,75	57,15	82,55	107,95	133,35	158,75	184,16	209,56	234,96	260,36	1/4
9/32	7,14	32,54	57,95	83,35	108,75	134,15	159,55	184,95	210,35	235,75	261,15	9/32
5/16	7,94	33,34	58,74	84,14	109,54	134,94	160,34	185,74	211,14	236,55	261,95	5/16
11/32	8,73	34,13	59,53	84,93	110,33	135,74	161,14	186,54	211,94	237,34	262,74	11/32
3/8	9,52	34,93	60,33	85,73	111,13	136,53	161,93	187,33	212,73	238,13	263,53	3/8
13/32	10,32	35,72	61,12	86,52	111,92	137,32	162,72	188,13	213,53	238,93	264,33	13/32
7/16	11,11	36,51	61,91	87,32	112,72	138,12	163,52	188,92	214,32	239,72	265,12	7/16
15/32	11,91	37,31	62,71	88,11	113,51	138,91	164,31	189,71	215,11	240,51	265,91	15/32
1/2	12,70	38,10	63,50	88,90	114,30	139,70	165,11	190,51	215,91	241,31	266,71	1/2
17/32	13,49	38,89	64,30	89,70	115,10	140,50	165,90	191,30	216,70	242,10	267,50	17/32
9/16	14,29	39,69	65,09	90,49	115,89	141,29	166,69	192,09	217,50	242,90	268,30	9/16
19/32	15,08	40,48	65,88	91,28	116,68	142,09	167,49	192,89	218,29	243,69	269,09	19/32
5/8	15,87	41,28	66,68	92,08	117,48	142,88	168,28	193,68	219,08	244,48	269,88	5/8
21/32	16,67	42,07	67,47	92,87	118,27	143,67	169,07	194,48	219,88	245,28	270,68	21/32
11/16	17,46	42,86	68,26	93,67	119,07	144,47	169,87	195,27	220,67	246,07	271,47	11/16
23/32	18,26	43,66	69,06	94,56	119,86	145,26	170,66	196,06	221,46	246,86	272,26	23/32
3/4	19,05	44,45	69,85	95,25	120,65	146,05	171,46	196,86	222,26	247,66	273,06	3/4
25/32	19,84	45,24	70,65	96,05	121,45	146,85	172,25	197,65	223,05	248,45	273,85	25/32
13/16	20,64	46,04	71,44	96,84	122,24	147,64	173,04	198,44	223,85	249,25	274,65	13/16
27/32	21,43	46,83	72,23	97,63	123,04	148,44	173,84	199,24	224,64	250,04	275,44	27/32
7/8	22,23	47,63	73,03	98,43	123,83	149,23	174,63	200,03	225,43	250,83	276,23	7/8
29/32	23,02	48,42	73,82	98,22	124,62	150,02	175,42	200,83	226,23	251,63	277,03	29/32
15/16	23,81	49,21	74,61	100,02	125,42	150,82	176,22	201,62	227,02	252,42	277,82	15/16
31/32	24,61	50,01	75,41	100,81	126,21	151,61	177,01	202,41	227,81	253,22	278,62	31/32

PRELOAD FORCES AND CLAMPING VALUES

Tabella N. 3/a

Le forze di precarico (P_V) qui sotto indicate ed i momenti torcenti proposti (M_A) sono valori puramente orientativi, applicabili a filetti metrici normali e fini conformi DIN 13, nonché a superfici d'appoggio teste conformi DIN 912, 931, 934, 6912, 7984 e 7990, come pure ai filetti in pollici UNC (grosso) ed UNF (fine). Con gli stessi si ottiene uno sfruttamento al 90% dello snervamento delle viti. Per la loro determinazione è stato supposto un coefficiente d'attrito pari a 0,14 (vite nuova, non trattata, non lubrificate).

IMPORTANTE: Servirsi di questa tabella solo in mancanza di prescrizioni fornite dalle case produttrici e semprechè questo alto grado di sfruttamento non pregiudichi altri elementi costruttivi quali, per esempio, le flange, le guarnizioni ecc. Ove appena possibile, si raccomanda vivamente una determinazione individuale del momento torcente partendo dalla forza di preserraggio prescelta e tenendo conto dei valori d'attrito che potrebbero anche presentare notevoli scarti (vedi tabella in calce). L'uso del MOS₂, per esempio, richiede una riduzione del 20% circa del momento torcente!

	VITI A GAMBO, filettatura normale metrica DIN 13, foglio 13 μ _{posto} = 0,14													Fattore X [m] per la determinazione del valore M _A (momento torcente)
	3,6		5,6		6,9		8,8		10,9		12,9			
	forza preserraggio = P _V (F _M)						momento torcente = M _A							
	P _V N	M _A Nm	P _V N	M _A Nm	P _V N	M _A Nm	P _V N	M _A Nm	P _V N	M _A Nm	P _V N	M _A Nm		
M 2	284	0,123	378	0,162	731	0,314	863	0,373	1216	0,520	1461	0,628	4	0,0043
M 2,3	407	0,196	544	0,265	1049	0,510	1245	0,598	1755	0,843	2099	1,010	4,5	0,0048
M 2,6	525	0,284	701	0,373	1353	0,726	1598	0,863	2246	1,206	2697	1,451	5	0,0054
M 3	726	0,441	966	0,588	1863	1,128	2206	1,344	3109	1,883	3727	2,256	5,5	0,0061
M 3,5	971	0,677	1294	0,902	2501	1,736	2962	2,060	4168	2,893	5001	3,481	6	0,0070
M 4	1255	1,000	1677	1,344	3226	2,599	3825	3,040	5374	4,315	6453	5,148	7	0,0080
M 5	2059	1,961	2736	2,648	5286	5,099	6257	6,031	8806	8,483	10591	10,200	8-9	0,0096
M 6	2903	3,432	3864	4,511	7453	8,728	8836	10,300	12405	14,710	14906	17,652	10	0,0118
M 7	4236	5,590	5649	7,453	10885	14,220	12945	17,162	18191	24,517	21771	28,439	11-12	0,0131
M 8	5315	8,238	7090	10,787	13680	21,575	16230	25,497	22751	35,304	27360	42,168	13-14	0,0155
M 10	8473	16,67	11278	21,575	21771	42,168	25791	50,014	36284	70,608	43541	85,317	15-17	0,0195
M 12	12356	28,44	16475	38,246	31773	73,550	37657	87,279	52956	122,60	63547	147,10	19-21	0,0232
M 14	16965	45,11	22653	60,801	43639	116,70	51681	138,30	72667	194,20	87279	235,40	22-23	0,0270
M 16	23340	69,63	31087	93,163	60016	178,50	71196	210,80	100027	299,10	120131	357,90	24-26	0,0300
M 18	28341	95,12	37853	127,50	72961	245,20	86494	289,30	121602	411,90	146118	490,30	27	0,0335
M 20	36481	135,3	48641	180,45	93849	384,10	111305	411,90	156415	578,60	187796	696,30	30	0,0370
M 22	45601	182,4	60801	245,16	117189	470,70	139254	559,00	195642	784,50	234378	941,40	32	0,0400
M 24	52563	230,5	70019	308,91	135331	598,20	160338	711,00	225552	1000	270662	1196	36	0,0440
M 27	69235	343,2	92280	460,90	177990	887,50	210842	1049	296159	1481	355980	1775	41	0,0497
M 30	84043	465,8	112286	622,72	215745	1206	255952	1422	359902	2010	432471	2403	46	0,0550
M 33	104931	632,5	139744	848,30	269682	1628	319695	1932	449142	2716	539363	3266	50	0,0605
M 36	123073	814,0	164261	1089	316753	2099	374612	2481	527595	3491	632526	4197	55	0,0664
M 39	148080	1059	197113	1412	380496	2716	451104	3226	633506	4531	760992	5443	60	0,0715
M 42	169164	1304	225552	1746	435413	3364	515827	3991	725688	5609	870826	6727	65	0,0771
M 45	198093	1638	264778	2177	509943	4207	604087	4992	850232	7012	1019886	8414	70	0,0836
M 48	222610	1981	297140	2638	573686	5080	679597	6021	956144	8473	1147372	10150	75	0,0895
M 52	267720	2540	356960	3393	688423	6541	815909	7747	1147372	10885	1377827	13092	80	0,0961
M 56	308908	3168	411877	4227	793354	8149	940453	9650	1323891	13582	1588669	16279	85	0,1032
M 60	360883	3932	481504	5247	927704	10101	1098339	11964	1544540	16867	1853447	20202	90	0,1098
M 64	407955	4737	544266	6306	1049306	12160	1245438	14416	1750478	20300	2098612	24320	95	0,1169
M 68	467836	5780	668338	8257	1203008	14863	1425787	17615	2005013	24771	2406016	29725	100	0,1235
M 72	531574	6917	759392	9882	1366905	17787	1620036	21081	2278175	29645	2733810	35575	105	0,1301
M 76	599377	8194	856253	11706	1541255	21071	1826672	24973	2568758	35118	3082510	42141	110	0,1367
M 80	671244	9618	958921	13741	1726057	24733	2045697	29314	2876762	41222	3452115	49467	115	0,1432
M 90	868696	13953	1240994	19934	2233789	35880	2647453	42525	3722982	59801	4467578	71761	130	0,1606
M 100	1091549	19425	1559355	27750	2806839	49950	3326624	59200	4678066	83250	5613679	99900	145	0,1779

VITI A GAMBO, filettatura fine metrica DIN 13, foglio 13 μ_{posto} = 0,14

M 8 x 1				15004	22,5	17750	26,63	25007	37,51	30008	45,01	13	0,00150
M 10 x 1,25				23438	43,13	27753	51,07	39030	71,82	46777	86,07	17	0,00184
M 12 x 1,25				35794	78,39	42463	92,99	59820	131,0	71588	156,78	19	0,00219
M 12 x 1,5				33637	74,00	39913	87,81	55898	122,98	67175	147,79	19	0,00220
M 14 x 1,5				48543	123,78	57369	146,29	80904	206,30	97085	247,57	22	0,00255
M 16 x 1,5				65214	186,51	77472	221,57	108853	311,31	130428	373,02	24	0,00286
M 18 x 1,5				85317	269,6	101008	319,19	142196	449,34	170635	539,21	27	0,00316
M 20 x 1,5				107873	381,87	127486	451,30	179461	635,29	215745	763,74	30	0,00354
M 22 x 1,5				133370	505,47	157886	598,39	231629	877,87	265759	1007,23	32	0,00379
M 24 x 2				151022	640,33	179461	760,91	252030	1068,61	303024	1284,82	36	0,00424
M 27 x 2				197113	954,03	233397	1129,64	328521	1590,04	394225	1908,05	41	0,00484
M 30 x 2				248107	1324,89	294198	1571,02	413839	2209,90	496214	2649,78	46	0,00534

Le qui indicate forze di precarico P_V rappresentano valori puramente orientativi per filetti metrici normali DIN 13, foglio 13 e per quelli fini. Essi portano ad uno sfruttamento al 90% delle possibilità di snervamento. Il fattore X tiene conto di tutti i valori della geometrica della filettatura delle dimensioni della superficie d'appoggio delle teste conformi DIN 912, 931, 934, 6912, 7984 e 7990. Per la sua determinazione si è supposto un coefficiente di attrito pari a

$$\mu_{\text{posto}} = 0,14$$

La formula per il calcolo del fattore X è la seguente:

$$X = 0,001 [0,159 \cdot P + \mu_{\text{posto}} (0,578 \cdot d^2 + \frac{Dm}{2})]$$

In presenza di coefficienti d'attrito di altra entità occorre ovviamente inserire il corrispondente valore a posto di quello presunto. Tenere presente, comunque, che coefficienti d'attrito estremi potrebbero richiedere variazioni del 20% dei momenti torcenti.

Quale è il momento torcente necessario per ottenere una determinata forza di precarico?

Con l'ausilio del fattore X è possibile calcolare il momento torcente [M_A] per una data forza di precarico [P_V], seguendo la formula seguente:

$$M_A = P_V \cdot X$$

Esempio: È richiesta una forza di precarico pari a = 60.000 N. Dalla tabella si sceglie una vite M 16, classe 6,9. Il corrispondente fattore X risulta così essere 0,003 m.

Pertanto avremo: $M_A = 60.000 \cdot 0,003$
 $M_A = 180 \text{ Nm}$

Quale è la forza di precarico ottenibile con un dato momento torcente per una determinata vite?

Il ricorso al fattore X permette di risolvere anche questo problema impiegando la seguente formula:



$$P_V = \frac{M_A}{X}$$

Esempio: La vite M 16 è da preserrare con valore 135 Nm

$$P_V = \frac{135}{0,003} = 45.000 \text{ N}$$

PRELOAD FORCES AND CLAMPING VALUES

Tabella N. 3/b

 UNC	VITI A GAMBO, filettatura normale UNC													Fattore X [m] per la determinazione del valore M _A (momento torcente)
	P				S				T					
	forza precarico = P _V (F _M)						momento torcente = M _A							
	P _V N	M _A Nm	P _V lbf.	M _A lbf.ft.	P _V N	M _A Nm	P _V lbf.	M _A lbf.ft.	P _V N	M _A Nm	P _V lbf.	M _A lbf.ft.		
1/4"	4379	5,43	984	4,00	8320	10,3	1870	7,60	8980	11,1	2018	8,19	7/16"	0,00124
5/16"	7344	11,2	1650	8,26	13954	21,3	3136	15,71	15061	23,0	3385	16,96	1/2"	0,00153
3/8"	10951	19,9	2461	14,68	20807	37,9	5161	27,95	22458	40,9	5048	30,17	9/16"	0,00182
7/16"	15065	31,9	3386	23,53	28623	60,7	6434	44,77	30894	65,5	6945	48,31	5/8"	0,00212
1/2"	20244	48,8	4551	36,00	38463	92,7	8646	68,37	41516	100	9333	73,76	3/4"	0,00241
9/16"	26075	70,4	5861	51,92	49542	134	11137	98,83	53474	144	12021	106	7/8"	0,00270
5/8"	32452	97,4	7295	71,84	61658	185	13861	136,45	66552	200	14961	147,5	15/16"	0,00300
3/4"	49781	178	11191	131,3	94584	338	21263	249,3	102091	364	22950	268,5	1.1/8"	0,00357
7/8"	67157	279	15097	205,8	127599	530	28685	391	137725	572	30961	422	1.5/16"	0,00415
1"	88221	418	19832	303,3	167620	795	37682	586	180923	858	40673	633	1.1/2"	0,00474
1.1/8"	111007	593	24955	437,4	210913	1126	47415	830	227652	1216	51178	897	1.11/16"	0,00534
1.1/4"	142135	837	31953	617,3	270091	1591	60718	1173	291527	1717	65537	1266	1.7/8"	0,00589
1.3/8"	168641	1096	37911	808,4	320417	2083	72032	1536	345847	2248	77749	1658	2.1/16"	0,00650
1.1/2"	206578	1456	46440	1074	392498	2767	88237	2041	423648	2987	95239	2203	2.1/4"	0,00705

UNF

VITI A GAMBO, filettatura fine UNF

1/4"	5232	6,28	1176	4,63	9941	11,9	2234	8,78	10730	12,9	2412	9,51	7/16"	0,00120
5/16"	8410	12,5	1891	9,22	15979	23,8	3592	17,55	17247	25,7	3877	18,96	1/2"	0,00149
3/8"	12911	22,7	2903	16,74	24531	43,2	5514	31,9	26478	46,6	5952	34,4	9/16"	0,00176
7/16"	17416	35,9	3915	26,5	33091	68,2	7439	50,3	35717	73,6	8029	54,3	5/8"	0,00206
1/2"	23685	55,4	5325	40,9	45002	105	10116	77,4	48574	114	10919	84,0	3/4"	0,00234
9/16"	30075	79,0	6761	58,3	57143	150	12846	111	61678	162	13865	119	7/8"	0,00263
5/8"	38156	111	8578	81,9	72496	210	16297	155	78250	227	17591	167	15/16"	0,00290
3/4"	56078	195	12607	144	106549	370	23953	273	115005	399	25854	294	1.1/8"	0,00347
7/8"	76297	309	17152	228	144965	587	32589	433	156470	634	35175	468	1.5/16"	0,00405
1"	99200	459	22301	339	188480	873	42371	644	203439	942	45734	695	1.1/2"	0,00463
1.1/8"	128738	667	28941	492	244602	1267	54988	934	264015	1368	59352	1009	1.11/16"	0,00518
1.1/4"	161358	925	36275	682	306580	1757	68921	1296	330911	1896	74391	1398	1.7/8"	0,00573
1.3/8"	199331	1252	44811	923	378728	2378	85141	1754	408786	2567	91898	1893	2.1/16"	0,00628
1.1/2"	240377	1642	54039	1211	456717	3119	102673	2300	492965	3367	110822	2482	2.1/4"	0,00683

CONVERSIONE NEWTON*METRO Nm IN KILOPOUND*METRO kpm
(1 Nm = 0,102 kpm)

Nm	0	10	20	30	40	50	60	70	80	90
0	0,00	1,02	2,04	3,06	4,08	5,10	6,12	7,14	8,16	9,18
100	10,20	11,22	12,24	13,26	14,28	15,30	16,31	17,33	18,35	19,37
200	20,39	21,41	22,43	23,45	24,47	25,49	26,51	27,53	28,55	29,57
300	30,59	31,61	32,63	33,65	34,67	35,69	36,71	37,73	38,75	39,77
400	40,79	41,81	42,83	43,85	44,87	45,89	46,91	47,93	48,95	49,97
500	50,99	52,00	53,02	54,04	55,06	56,08	57,10	58,12	59,14	60,16
600	61,18	62,20	63,22	64,24	65,26	66,28	67,30	68,32	69,34	70,36
700	71,38	72,40	73,42	74,44	75,46	76,48	77,50	78,52	79,54	80,56
800	81,58	82,60	83,62	84,64	85,66	86,68	87,70	88,71	89,73	90,75
900	91,77	92,79	93,81	94,83	95,85	96,87	97,89	98,91	99,93	100,95
1000	101,97	102,99	104,01	105,03	106,05	107,07	108,09	109,11	110,13	111,15

CONVERSIONE NEWTON*METRO Nm IN POUNDS*FOOT lbf.ft.
(1 Nm = 0,738 lbf.ft.)

Nm	0	1	2	3	4	5	6	7	8	9
0	0	0,74	1,48	2,21	2,95	3,69	4,43	5,17	5,90	6,64
10	7,38	8,12	8,86	9,59	10,33	11,07	11,81	12,54	13,28	14,02
20	14,76	15,50	16,24	16,97	17,71	18,45	19,19	19,93	20,66	21,40
30	22,14	22,88	23,62	24,35	25,10	25,83	26,57	27,31	28,04	28,78
40	29,52	30,26	31,00	31,73	32,47	33,21	33,95	34,69	35,42	36,16
50	36,90	37,64	38,38	39,11	39,85	40,59	41,33	42,07	42,80	43,54
60	44,28	45,02	45,76	46,49	47,23	47,97	48,71	49,45	50,18	50,92
70	51,66	52,40	53,14	53,87	54,61	55,35	56,09	56,83	57,56	58,30
80	59,04	59,78	60,52	61,25	62,00	62,73	63,47	64,21	64,94	65,68
90	66,42	67,16	67,90	68,63	69,37	70,11	70,85	71,59	72,32	73,06
100	73,80	74,54	75,28	76,01	76,75	77,49	78,23	78,97	79,70	80,44

CONVERSIONE POUNDS*FOOT lbf.ft. IN NEWTON*METRO Nm
(1 lbf.ft. = 1,356 Nm)

lbf.ft.	0	1	2	3	4	5	6	7	8	9
0	0	1,36	2,71	4,07	5,42	6,78	8,14	9,49	10,85	12,20
10	13,56	14,92	16,27	17,63	18,98	20,34	21,70	23,05	24,41	25,76
20	27,12	28,48	29,83	31,19	32,54	33,90	35,26	36,61	37,97	39,32
30	40,68	42,04	43,39	44,75	46,10	47,46	48,82	50,17	51,53	52,88
40	54,24	55,60	56,95	58,31	59,66	61,02	62,38	63,73	65,09	66,44
50	67,80	69,16	70,51	71,87	73,22	74,58	75,94	77,29	78,65	80,00
60	81,36	82,72	84,07	85,43	86,78	88,14	89,50	90,85	92,21	93,56
70	94,92	96,28	97,63	98,99	100,34	101,70	103,06	104,41	105,77	107,12
80	108,48	109,84	111,19	112,55	113,90	115,26	116,62	117,97	119,33	120,68
90	122,04	123,40	124,75	126,11	127,46	128,82	130,18	131,53	132,89	134,24
100	135,60	136,96	138,31	139,67	141,02	142,38	143,74	145,09	146,45	147,80

(1 lbf.ft. = 12 lbf.in.)

FATTORI DI CONVERSIONE DEL MOMENTO TORCENTE
UNITÀ DATA X FATTORE=UNITÀ RICHIESTA

unità data	Unità richiesta					
	= Ncm	= Nm	= kpcm	= kpm	= lbf.in.	= lbf.ft.
Ncm	1	0,01	0,10197	0,00102	0,0885	0,00738
Nm	100	1	10,197	0,10197	8,851	0,7376
kpcm	9,807	0,09807	1	0,01	0,868	0,0723
kpm	980,7	9,807	100	1	86,796	7,233
lbf.in.	11,298	0,11298	1,152	0,01152	1	0,0833
lbf.ft.	135,58	1,3558	13,825	0,13825	12	1

TABELLA PER COEFFICIENTI DI ATTRITO CON μ_{posto}







Vite	Condizioni della superficie		μ _{posto} allo stato di lubrificazione		
	dado		non lubrificato	oleato	MOS ₂
fosfatizzata al mn	non trattato		0,14 - 0,18	0,14 - 0,15	0,10 - 0,12
non trattata	non trattato		0,14 - 0,18	0,14 - 0,17	
fosfatizzata allo Zn	non trattato		0,14 - 0,21	0,14 - 0,17	
galv. zincato ca. 8 μm	non trattato		0,125 - 0,18	0,125 - 0,17	
galv. cadmiato ca. 7 μm	non trattato		0,08 - 0,12	0,08 - 0,11	
galv. zincato ca. 8 μm	galv. zincato ca. 5 μm		0,125 - 0,17	0,14 - 0,19	
galv. cadmiato ca. 7 μm	galv. cadmiato ca. 6 μm		0,08 - 0,12	0,10 - 0,15	

INTERNAL HEXAGONAL SCREWS







Tabella N. 4

Diametro viti corrispondente all'inserto esagonale

Misure metriche

 Ø Viti mm	 mm 		
	 Viti a testa cilindrica	 Viti a testa fresata	 Viti senza testa ISO 4026
	1,6	1,5	
2	1,5		0,9
2,5	2		1,3
3	2,5	2	1,5
4	3	2,5	2
5	4	3	2,5
6	5	4	3
8	6	5	4
10	8	6	5
12	10	8	6
14	12	10	
16	14	10	8
18	14		
20	17	12	10
22	17		
24	19		12
27	19		
30	22		
33	24		
36	27		
42	32		

Misure in pollici / millimetri


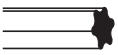





 Ø Viti	 " 						
	 Viti a testa cilindrica		 Viti a testa fresata		 Viti senza testa ISO 4026		
	"	mm	"	mm	"	mm	
n° 0	1,52	0,50	1,27	,035	0,89	,028	0,711
n° 1	1,85	1/16	1,59	,050	1,27	,035	0,89
n° 2	2,18	5/64	1,98	,050	1,27	,035	0,89
n° 3	2,51	5/64	1,98	1/16	1,59	,050	1,27
n° 4	2,84	3/32	2,38	1/16	1,59	,050	1,27
n° 5	3,17	3/32	2,38	5/64	1,98	1/16	1,59
n° 6	3,5	7/64	2,78	5/64	1,98	1/16	1,59
n° 7	3,5	1/8	3,17				
n° 8	4,16	9/64	3,57	3/32	2,38	5/64	1,98
n° 10	4,82	5/32	3,97	7/64	2,78	3/32	2,38
n° 10	4,82			1/8	3,17		
1/4	6,35	3/16	4,75	9/64	3,57	7/64	2,78
1/4	6,35	7/32	5,55	5/32	3,97	1/8	3,17
5/16	7,94	1/4	6,35	3/16	4,75	9/64	3,57
5/16	7,94					5/32	3,97
3/8	9,52	5/16	7,94	7/32	5,55	3/16	4,75
7/16	11,11	3/8	9,52	1/4	6,35	7/32	5,55
1/2	12,7	3/8	9,52	5/16	7,94	1/4	6,35
5/8	15,87	1/2	12,7	3/8	9,52	5/16	7,94
3/4	19,05	5/8	15,88	1/2	12,7	3/8	9,52
7/8	22,2	3/4	19,05	9/16	14,29	1/2	12,7
1	25,4	3/4	19,05	5/8	15,88	9/16	14,29
1"1/8	28,57	7/8	22,2	3/4	19,05	9/16	14,29
1"1/4	31,75	7/8	22,2	7/8	22,2	5/8	15,88
1"3/8	34,92	1"	25,4	7/8	22,2	5/8	15,88
1"1/2	38,10	1"	25,4	1"	25,4	3/4	19,05

TORX SCREWS

Tabella N. 5

Diametro viti corrispondente all'impronta TORX





Corrispondenza diametro della vite e chiave maschio TORX®

 Ø Viti mm	 Torx 			
	 Testa cilindrica	 Testa bombata	 Testa fresata	 Senza testa
	2		T6	T6
2,5	T8	T8	T8	
3	T10	T10	T10	T6
3,5		T10	T10	
4	T25	T20	T20	T8
5	T25	T20	T20	T10
6	T30	T30	T30	T20
8	T40	T40	T40	T27
10	T50	T50	T50	T30
12	T55	T55	T55	T45
16	T60	T60	T60	T50

Identificazione dell'impronta maschio














Torx	mm
T6	1,70
T8	2,31
T10	2,74
T15	3,27
T20	3,86
T25	4,43
T27	4,99
T30	5,52
T40	6,66
T45	7,82
T50	8,83
T55	11,22
T60	13,25

Corrispondenza diametro delle viti e bussole TORX®

 Ø Viti mm		
	 ISO 4014	 Collarino largo
	3	E4
4	E5	E6
5	E6	E8
6	E8	E10
8	E10	E12
10	E12	E14
12	E14	E18
14	E18	E20
16	E20	



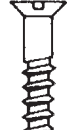










CUTTING SCREWS
Tabella N. 6

Diametro viti corrispondente al taglio dei giraviti

 Ø Viti mm	PER METALLO				 Ø Viti	PER LAMIERA			 Ø Viti mm	PER LEGNO		
												
	Testa piana	Testa bombata	Testa cilindrica	Testa larga cilindrica		Testa piana	Testa bombata	Testa larga cilindrica		Testa piana	Testa bombata	Testa tonda
e x A	e x A	e x A	e x A	e x A	e x A	e x A	e x A	e x A	e x A	e x A		
1,6	0,4x2,5	0,4x2,5	0,4x2	0,4x2	ST.2,2	0,5x3	0,5x3	0,5x3	1,6	0,4x2,5		0,4x2
2	0,5x3	0,5x3	0,5x3	0,5x3	ST.2,9	0,8x4	0,8x4	0,8x4	2	0,5x3	0,5x3	0,5x3
2,5	0,6x3,5	0,6x3,5	0,6x3,5	0,6x3,5	ST.3,5	1x5,5	1x5,5	1x5,5	2,5	0,6x3,5	0,6x3,5	0,6x3,5
3	0,8x4	0,8x4	0,8x4	0,8x4	ST.4,2	1,2x6,5	1,2x6,5	1,2x6,5	3	0,8x4	0,8x4	0,8x4
3,5	1,0x5,5	1,0x5,5	1,0x5,5	1,0x5,5	ST.4,8	1,2x8	1,2x8	1,2x8	3,5	1,0x5,5	1,0x5,5	1,0x5,5
4	1,2x6,5	1,2x6,5	1,2x6,5	1,2x6,5	ST.5,5	1,6x10	1,6x10	1,6x10	4	1,2x6,5	1,2x6,5	1,2x6,5
5	1,2x8	1,2x8	1,2x6,5	1,2x8	ST.6,3	1,6x10	1,6x10	1,6x10	4,5	1,2x8	1,2x8	1,2x6,5
6	1,6x10	1,6x10	1,6x8	1,6x10	ST.8	2x12	2x12	2x12	5	1,2x8	1,2x8	1,2x8
8	2,0x12	2,0x12	2,0x12	2,0x12	ST.9,5	2,5x14	2,5x14	2,5x14	6	1,6x10	1,6x10	1,6x10
10	2,5x14	2,5x14	2,5x14	2,5x14					7	2,0x12		2,0x12
									8	2,0x12		2,0x12

PHILLIPS AND POZIDRIV SCREWS
Tabella N. 7

Diametro viti corrispondente all'impronta dei giraviti

 Ø Viti mm	PER METALLO				 Ø Viti	PER LAMIERA			 Ø Viti mm	PER LEGNO		
												
	Testa piana ISO 7046	Testa bombata ISO 7047	Testa cilindrica bombata ISO 7045	Testa bombata larga		Testa bombata ISO 7050	Testa cilindrica ISO 7049	Testa bombata larga		Testa piana	Testa bombata	Testa tonda
N°	N°	N°	N°	N°	N°	N°	N°	N°	N°	N°		
1,6	0	0	0	—	ST.2,2	0	0	0	2,2	0	0	0
2	0	0	0	—	ST.2,9	1	1	1	2,5	1	1	1
2,5	1	1	1	—	ST.3,5	2	2	2	3	1	1	1
3	1	1	1	1	ST.4,2	2	2	2	3,5	2	2	2
3,5	2	2	2	2	ST.4,8	2	2	2	4	2	2	2
4	2	2	2	2	ST.5,5	3	3	3	4,5	2	2	2
4,5	2	2	2	—	ST.6,3	3	3	3	5	2	2	2
5	2	2	2	2	ST.8	4	4	4	6	3	3	3
6	3	3	3	3	ST.9,5	4	4	4	8	4	4	4
8	4	4	4	4					10	4	4	4
10	4	4	4	—								

CONNECTION TABLE BETWEEN Art. 1417A - 1417F for Type 6000 ball bearings
Tabella N. 8/a

BRACCI grand. N°	11	12	13	14	15	16	17	18
Estrattori grand. N° 1	6000/1/2	6003/4/5 6200/1/2						
Estrattori grand. N° 2			6006 6203	6007/8/9/10 6204/5 6300/1/2	6303/4			
Estrattori grand. N° 3					6011/12	6206/7/8 6305		
Estrattori grand. N° 4							6209/10	6211/12 6308* 6404/5
Estrattori grand. N° 5								6309*/10*/11* 6406*

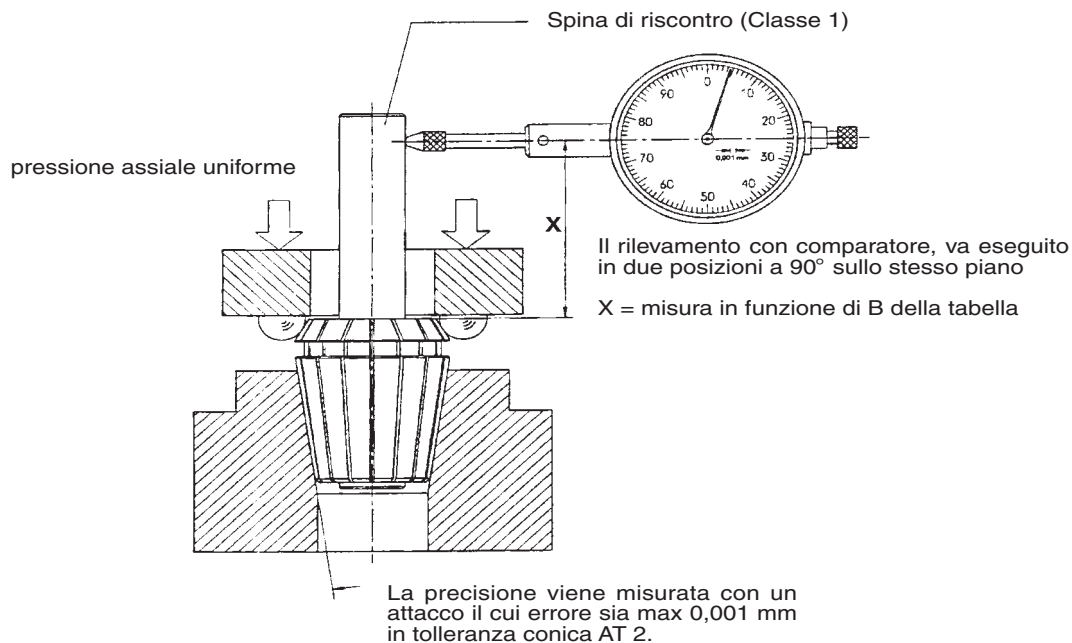
* Per l'estrazione di questi cuscinetti si utilizzano anelli di ancoraggio.

CONNECTION TABLE BETWEEN Art. 1417G - 1417GB for Type 6000 ball bearings
Tabella N. 8/b

BRACCI grand. N°	11	12	13	14	15	16	17	18
Estrattori grand. N° 1	6000/1/2/3 6200	6004/5 6201/2						
Estrattori grand. N° 2			6006-6203 6300	6007-6204 6301/2	6303/4			
Estrattori grand. N° 3				6008 6205	6206	6207-6305		
Estrattori grand. N° 4					6009		6208-6306	6403/4/5
Estrattori grand. N° 5					6010	6011/12/13		6209/10/11/12 6307/8/9/10/11 6406/7/8

**TABLE ON THE ACCURACY OF ER COLLETS
according to DIN 6499-B**
Tabella N. 9

B = spine Ø mm	x mm	DIN 6499-B		FAHRION	
		Classe 1	Classe 2	Prod. Standard	Prod. Super
oltre 1 fino a 1,6	2-3	0,015	0,01	0,006	0,003
oltre 1,6 fino a 3,0	10				
oltre 3,0 fino a 7,0	16				
oltre 7,0 fino a 10,0	25				
oltre 10,0 fino a 18,0	40	0,020	0,015		
oltre 18,0 fino a 24,0	50			0,015	
oltre 24,0 fino a 34,0	60	0,025	0,020		



La valutazione corretta della precisione di rotazione degli utensili, va ricercata nel complesso degli accoppiamenti presenti sul centro di lavoro costituiti da: montante della macchina, attacco mandrino, mandrino, pinze elastiche, utensili.

**VALUES FOR ROTATING TAILSTOCKS BETWEEN ROTATION SPEED (RPM NR.) AND CAPACITY
MAXIMUM IN KG IN RELATIONSHIP TO RADIAL AND AXIAL PRESSURE**

Tabella N. 10

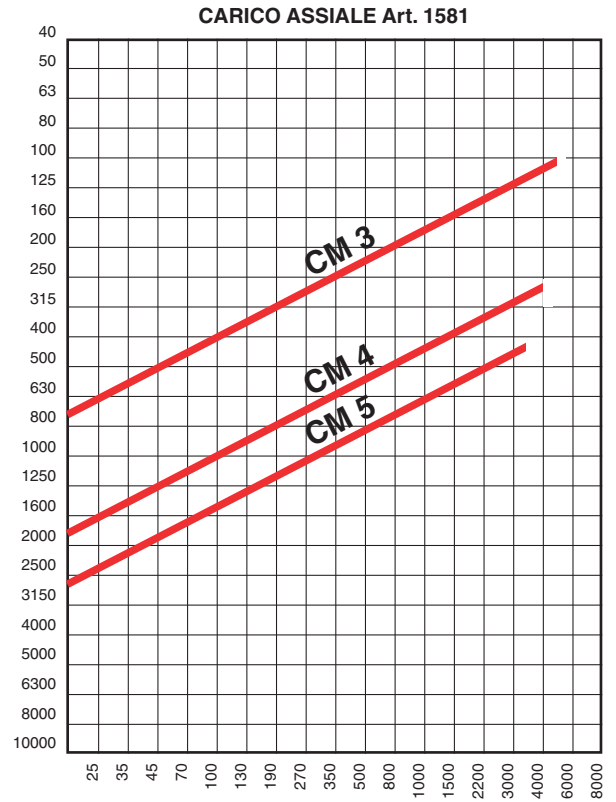
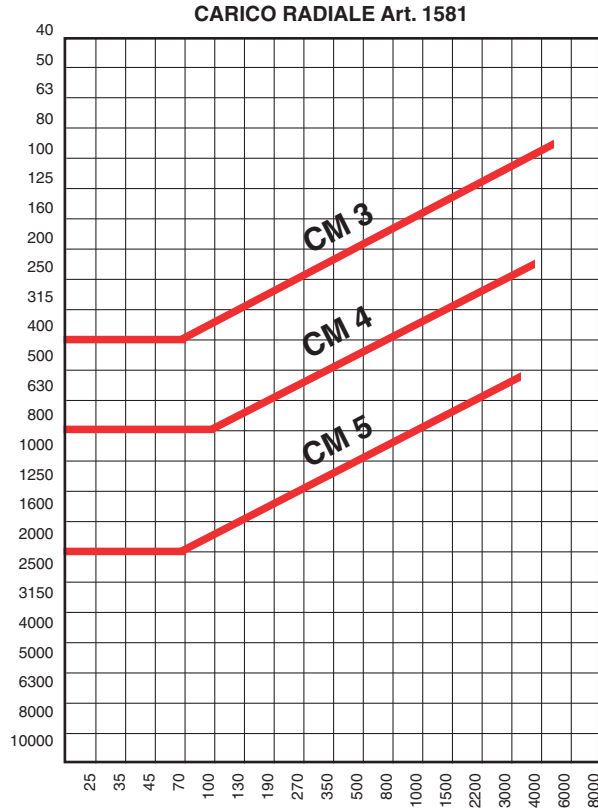


Tabella N. 11

TABELLA ATTACCHI PER MANDRINI					
Mandrino		Cono DIN 238/1		Cono JACOBS - UNI 5887/66	
Tipo	Ø mm	D	L	D	L
B 10 e J 1	0-6,5	10,094	18	9,754	20,2
B 12 e J 2G	0-8	12,065	22	13,940	22,5
B 16 e J 2	0-10	15,733	29	14,199	25,7
B 16 e J 6	1-13	15,733	29	17,170	30,4
B 18 e J 6	3-16	17,780	37	17,170	30,4
B 22	5-20	21,793	45,5	—	—
B 24	6-26	23,825	55,5	—	—

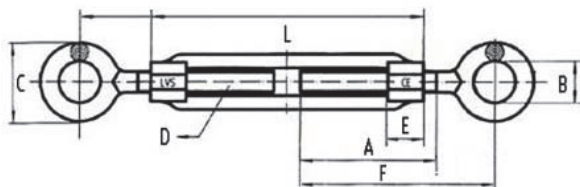
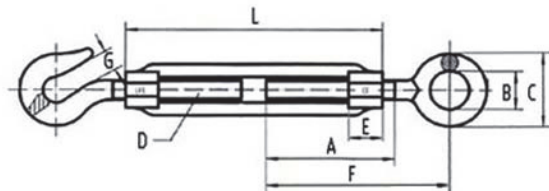
Tabella N. 12

TABELLA ATTACCHI CONO MORSE											
DIMENSIONE ATTACCHI CONO MORSE											
Gr.	Conicità	A	B (max)	C (max)	D (max)	E (max)	F	G	H	J	K
0	19.212:1	9.045	56.5	59.5	10.5	6	4	1	3	3.9	1° 29' 27"
1	20.047:1	12.065	62	65.5	13.5	8.7	5	1.2	3.5	5.2	1° 25' 43"
2	20.020:1	17.780	75	80	16	13.5	6	1.6	5	6.3	1° 25' 50"
3	19.922:1	23.825	94	99	20	18.5	7	2	5	7.9	1° 26' 16"
4	19.254:1	31.267	117.5	124	24	24.5	8	2.5	6.5	11.9	1° 29' 15"
5	19.002:1	44.399	149.5	156	29	35.7	10	3	6.5	15.9	1° 30' 26"
6	19.180:1	63.348	210	218	40	51	13	4	8	19	1° 29' 36"
7	19.231:1	83.058	285.75	294.1	34.9	-	-	19.05	-	19	1° 29' 22"

STRETCHERS Art. 2150 - 2151 - 2151E - 2151T - 2152- 2153
Tabella N. 13/a
ISTRUZIONI PER IL CORRETTO UTILIZZO DEI TENDITORI

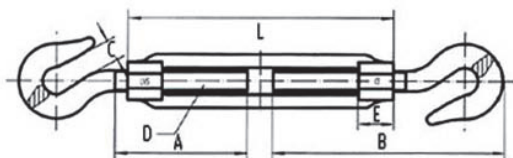
1. I tenditori devono essere usati solo per tiro diritto od allineato, prestando particolare attenzione per prevenire sovraccarichi.
2. In caso di deformazione ridurre immediatamente la tensione e sostituire le parti deformate.
3. I carichi indicati in tabella devono essere applicati in modo stabile affinché i valori riportati siano validi.
4. Nel caso in cui i tenditori vengano sottoposti a sollecitazioni di tipo dinamico i valori dei carichi di lavoro riportati in tabella (WLL) non sono applicabili.
5. L' utilizzo ideale prevede l' applicazione di funi od altri componenti in modo tale da evitare i cosiddetti fenomeni di intaglio.
6. Durante l' utilizzo applicare i carichi in modo graduale.
7. I tenditori non sono predisposti per il sollevamento.
8. Non utilizzare pezzi che presentino segni evidenti di usura, deformazioni o cricche.
9. Controllare attentamente il prodotto prima di ogni utilizzo.
10. L' utilizzo con temperature inferiori a -20°C e superiori a $+80^{\circ}\text{C}$ può risultare compromesso.
11. Ogni modifica, trattamento o lavorazione successiva alla vendita esonerano Sicutool da ogni responsabilità.
12. Le misure sono espresse in millimetri (mm).

LEGENDA
WLL = (working load limit) carico di lavoro massimo in tons
BL = coefficiente di sicurezza; il valore del **BL** è soltanto un' indicazione per la sicurezza del prodotto.

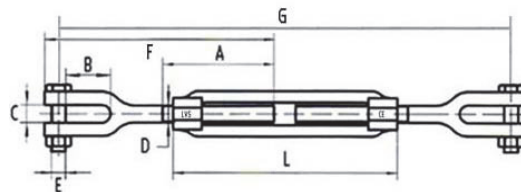
 I carichi (WLL) indicati in tabella **non devono essere mai superati in alcun caso.**
**TENDITORI FORGIATI A DUE OCCHI ZINCATI
ART. 2150**

**TENDITORI FORGIATI AD OCCHIO
E GANCIO ZINCATI
ART. 2151**


D	D"	A	B	C	E	F	L	WLL	BL	Peso Cad. g
5	3/16	35	8	16	9	49	70	0,10	4	52
6	1/4	44	11	19	10	59,5	90	0,15	4	97
8	5/16	52	11	22	13	71	110	0,30	4	155
10	3/8	62	14	28	14	90	125	0,47	4	282
11	7/16	68	15	33	18	90	125	0,58	4	331
12	1/2	70	16	33	18	91,5	140	0,65	4	402
14	9/16	85	18	36	20	113	170	0,80	4	586
16	5/8	90	23,5	48	22	132	190	1,25	4	912
18	11/16	98	25	51	27	135,5	200	1,50	4	1242
20	3/4	105	26	57	27	156,5	220	1,80	4	1572
22	7/8	118	28	60	28	160	240	2,25	4	1993
24	1	130	28	65	30	179,5	260	2,80	4	2765
27	1.1/8	135	31	71	49	188,5	300	3,50	4	3800
30	1.3/16	135	31	71	56	188,5	310	4	4	4250
33	1.1/4	148	36	88	56	201	310	4,50	4	5550
36	1.3/8	158	38	94	55	230	295	5	4	8650
39	1.1/2	170	42	104	58	238	330	6	4	9670
42	1.5/8	170	50	110	66	245	340	7	4	11200
45	1.3/4	170	50	110	66	245	340	8	4	13000

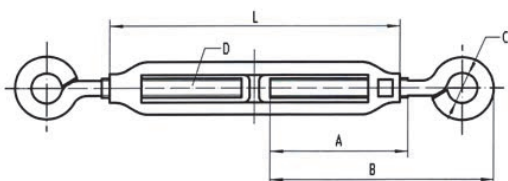
D	D"	A	B	C	E	G	F	L	WLL	BL	Peso Cad. g
5	3/16	35	8	16	9	7	49	70	0,025	4	50
6	1/4	44	11	19	10	8	59,5	90	0,045	4	94
8	5/16	52	11	22	13	10	71	110	0,075	4	158
10	3/8	62	14	28	14	12	90	125	0,115	4	286
11	7/16	68	15	33	18	15	90	125	0,14	4	336
12	1/2	70	16	33	18	15	91,5	140	0,15	4	415
14	9/16	85	18	36	20	17	113	170	0,21	4	600
16	5/8	90	23,5	48	22	19	132	190	0,34	4	930
18	11/16	98	25	51	27	20	135,5	200	0,45	4	1280
20	3/4	105	26	57	27	20	156,5	220	0,65	4	1630
22	7/8	118	28	60	28	23	160	240	0,90	4	2215
24	1	130	28	65	30	25	179,5	260	1,20	4	3030
27	1.1/8	135	31	71	49	31	188,5	300	1,40	4	4200
30	1.3/16	135	31	71	56	31	188,5	310	1,50	4	4420
33	1.1/4	148	36	88	56	34	201	310	1,80	4	5965
36	1.3/8	158	42	94	55	44	230	295	2	4	8555
39	1.1/2	170	49	104	58	44	238	330	2,50	4	9670

**TENDITORI FORGIATI A DUE GANCI ZINCATI
ART. 2151E**


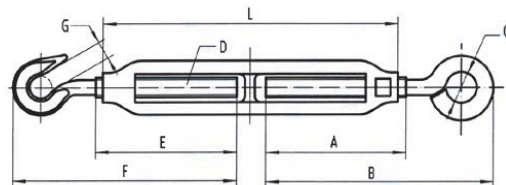
D	D''	A	B	C	E	L	WLL	BL	Peso Cad. g
5	3/16	35	63	7	9	70	0,025	4	49
6	1/4	44	75	8	10	90	0,045	4	91
8	5/16	52	94	10	13	110	0,075	4	162
10	3/8	62	117	12	14	125	0,115	4	282
11	7/16	68	122	15	18	125	0,14	4	330
12	1/2	70	125	15	18	140	0,15	4	426
14	9/16	85	152	17	20	170	0,21	4	615
16	5/8	90	154	19	22	190	0,34	4	950
18	11/16	98	185	20	27	200	0,45	4	1200
20	3/4	105	198	20	27	220	0,65	4	1680
22	7/8	118	228	23	28	240	0,90	4	2440
24	1	130	250	25	30	260	1,20	4	3290
27	1.1/8	135	270	31	49	300	1,40	4	4610
30	1.3/16	135	270	31	56	310	1,50	4	4790
33	1.1/4	148	300	34	56	310	1,80	4	6380
36	1.3/8	158	275	158	55	295	2	4	6380
39	1.1/2	170	286	170	58	330	2,50	4	9475

**TENDITORI FORGIATI A DUE FORCELLE ZINCATI
ART. 2151T**


D	D''	A	B	C	E	F	G	L	WLL	BL	Peso Cad. g
10	3/8	65	26	10,5	M8	132	248	125	0,45	4	342
12	1/2	70	33	14	M10	157	294	140	0,65	4	550
14	9/16	85	38	18	M12	185	342	170	0,75	4	720
16	5/8	95	38	18	M14	185	362	190	1	4	1220
20	3/4	110	42	22	M16	205	378	220	1,40	4	2000
22	7/8	120	47	23,5	M18	230	420	240	1,80	4	2890
24	1	130	47	23,5	M20	230	440	260	2	4	4050
27	1.1/8	150	50	28	M24	270	492	300	2,25	4	5680
30	1.3/16	155	70	38	M27	310	564	310	2,80	4	7790
33	1.1/4	220	70	38	M30	378	566	310	3,20	4	8140

**TENDITORI A DUE OCCHI ACCIAIO INOX 316
Art. 2152**


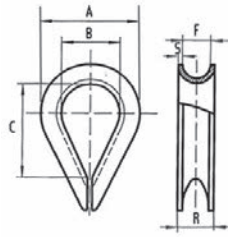
D	D''	A	B	C	L	Peso Cad. g
4	5/32	31	49	7	60	30
5	3/16	35	58	8	70	46
6	1/4	44	71	10	90	83
8	5/16	59	95	14	120	162
10	3/8	73	116	16	150	293
12	1/2	95	146	18	200	560
16	5/8	116	187	22	250	1180
20	3/4	145	230	28	300	2265

**TENDITORI AD OCCHIO E
GANCIO ACCIAIO INOX 316
ART. 2153**


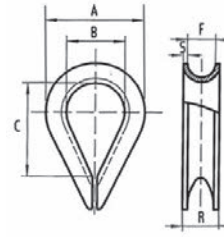
D	D''	A	B	C	E	F	G	L	Peso Cad. g
4	5/32	31	49	7	31	51	8	60	30
5	3/16	35	58	8	35	61	9	70	45
6	1/4	44	71	10	44	73	9	90	81
8	5/16	59	95	14	59	100	11	120	160
10	3/8	73	116	16	73	120	13	150	288
12	1/2	95	146	18	95	156	15	200	555
16	5/8	116	187	22	116	187	16,5	250	1165
20	3/4	145	230	28	145	215	22	300	2250

REDANCE Art. 2155 - 2158A
Tabella N. 13/b
ISTRUZIONI PER IL CORRETTO UTILIZZO DELLE REDANCE PER FUNE METALLICA

1. La fune metallica deve aderire perfettamente alla gola delle redance.
2. Per funi metalliche di diametro pari a misure intermedie delle redance utilizzare sempre la misura successiva (Esempio: per funi di diametro mm. 11 utilizzare redance mm. 12).
3. Non utilizzare redance che presentino segni evidenti di usura o cricche.
4. Controllare attentamente il prodotto prima di ogni utilizzo.
5. L' utilizzo con temperature inferiori a -20°C e superiori a + 80° C può risultare compromesso.
6. Ogni modifica, trattamento o lavorazione successiva alla vendita esonerano Sicutool da ogni responsabilità.
7. Le misure sono espresse in millimetri (mm).

REDANCE ZINCATE
Art. 2155


F	A	B	C	R	S	Peso Cad. g
2/3	16	9	15	5,2	0,6	2,4
4	17,5	11	19,2	6	0,8	3,2
5	20	14	22	6,8	0,9	4
6	24	16	27,8	8	1	7
8	28,5	18,5	33,8	11,4	1,4	14
10	38	24	38	14	1,5	26
12	46	30	44	15,6	1,8	44
14	50	33	49	18,0	2,0	61
16	59	40	57	20,0	2,0	83
18	69	46	68	23,0	2,5	135
20	77	51	78	26,0	3,0	215
22	84	56	88	28,0	3,0	225
24/25	91	60	92	32,0	3,5	330
28	115	75	109	36,0	4,0	575

REDANCE TIPO LEGGERO A316
Art. 2158A


F	A	B	C	R	S	Peso Cad. g
2	14	9	15	4	1,0	2
2,5	15,5	9,5	15,2	4,5	1,0	2,3
3	16	10	16	5	1,0	2,8
4	18	11	17	6	1,1	3,8
5	20	13	20	7	1,1	5
6	25	16	25	9	1,2	9
7	28	18	28	10	1,5	14
8	32	20	32	11	1,6	18
10	40	26	40	14	1,8	35
12	45	28	45	17	2,0	49,7
14	50	34	56	19	2,5	86,5
16	54	37	62	22	2,8	124,5
18	65	42	65	25	3,0	151
20	70	45	78	27	3,0	189

ROPE CLIPS Art. 2156 - 2158B
Tabella N. 13/c
ISTRUZIONI PER IL CORRETTO UTILIZZO DEI MORSETTI PER FUNE METALLICA

1. Nel montaggio con funi metalliche posizionare i morsetti come in figura 1, poiché negli altri casi rappresentati (figura 2 e figura 3) l'efficienza dell'attacco diminuisce del 60% rispetto al carico di rottura della fune utilizzata.

2. Montare i morsetti in modo che il primo sia posto vicino all'asola dove alloggia la redancia ed i successivi ad una distanza tra loro pari a 6/8 volte il diametro della fune.

3. Dopo l'applicazione del carico sulla fune i dadi vanno di nuovo serrati.

4. Rispetto al diametro della fune si raccomanda di montare un numero di morsetti non inferiore a quello indicato in tabella.

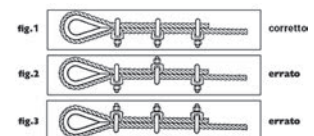
5. L'utilizzo con temperature inferiori a -20°C e superiori a +80°C può risultare compromesso.

6. Non utilizzare morsetti che presentino segni evidenti di usura.

7. Controllare attentamente il prodotto prima di ogni utilizzo.

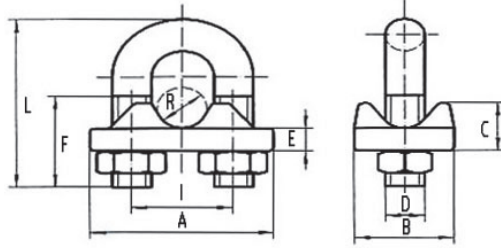
8. Ogni modifica, trattamento o lavorazione successiva alla vendita esonerano Sicutool da ogni responsabilità.

9. Le misure sono espresse in millimetri (mm).

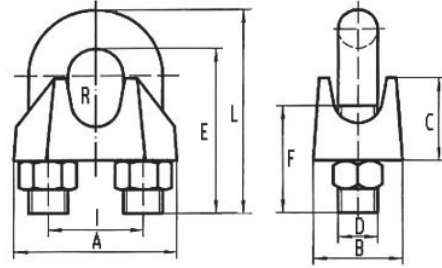

LEGENDA

S = coppia di serraggio in Nm calcolata con coefficiente di attrito pari a 0,10 in condizioni ottimali

T = n° minimo di morsetti da utilizzare secondo il diametro della fune.

**MORSETTI FORGIATI ZINCATI
ART. 2156**


Ø R	Ø R"	A	B	C	D	E	I	F	L	S		T	Peso Cad. g
										Min	Max		
2-3	1/8	21	12	9	M4	5	9	12	20	1,6	1,9	3	14
4-5	3/16	25	18	9	M5	5	11	14	25	3,1	3,8	3	28
6	1/4	30	19	10	M6	6	15	19	33	5,3	6,5	4	43
8	5/16	33	20	10,5	M6	6	16	22	35	5,3	6,5	4	47
10	3/8	38	22	11	M8	6	19	22	43	13	16	4	80
11	7/16	40	22,5	13	M8	6	21	23	43	13	16	4	82
12	1/2	43	25	13	M10	6	23	30	55	25	31	5	131
14	9/16	46	27	17	M10	7,5	25	30	55	25	31	5	154
16	5/8	53	31	18	M10	8	28	32	63	25	31	5	197
18	11/16	59	33	20	M12	8	30	38	78	43	53	5	271
20	3/4	60	34	22	M12	9	33	38	78	43	53	5	321
22	7/8	64	34	23	M12	9,5	37	42	80	43	53	6	382
24-25	1	70	40	24	M12	10	40	46	88	43	53	6	410
26-28	1.1/8	80	43	30	M14	12	42	50	97	68	84	7	640
30-32	1.1/4	92	45	34	M16	14	49	70	130	106	132	8	857
36-38	1.1/2	95	51	39	M16	16	57	75	135	106	132	8	1100
42-45	1.3/4	115	58	43	M20	16	70	83	158	208	258	10	1660
48-50	2	116	59	46	M20	16	70	83	178	208	258	10	1800

**MORSETTI COMMERCIALI TIPO DIN 741
ACCIAIO INOX 316 ART. 2158B**


Ø R	Ø R"	A	B	C	D	E	F	I	L	T	Peso Cad. g
3	1/8	21	10	10	M4	16	12	9	19,5	3	10,5
4	5/32	21	10	10	M4	18,5	12	9	22	3	12
5	3/16	23	11	10	M5	19	13	11	23,5	3	15,5
6	1/4	26	12	11	M5	23	15	13	27,5	4	19
8	5/16	30	14	15	M6	28	19	16	33	4	33
10	3/8	34	18	17	M8	34	22	19	41	4	63
11	7/16	36	19	18	M8	36	22	20	43	4	74
13	1/2	42	23	21	M10	45	30	24	54	5	130
14	9/16	44	23	22	M10	47	30	25	56	5	136
16	5/8	50	26	26	M12	51	33	29	62	5	205
19	3/4	54	29	30	M12	63	38	32	74	5	263
22	7/8	61	33	34	M14	71	44	37	83,5	6	397
26	1	65	35	37	M14	81	45	41	93,5	6	463
30	1.1/8	74	37	43	M16	94	50	48	108,5	7	678

SHACKLES Art. 2157 - 2157E - 2158E - 2158F
Tabella N. 13/d
ISTRUZIONI PER IL CORRETTO UTILIZZO DEI MANIGLIONI NAVALI DETTI GRILLI

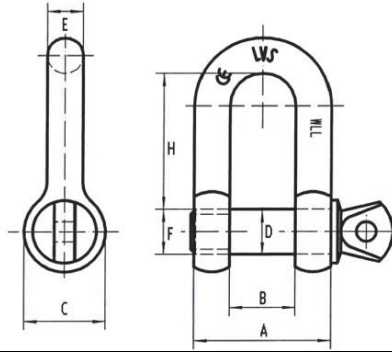
1. Prima di operare il sollevamento verificare che il perno sia avvitato completamente.
2. I carichi indicati in tabella devono essere applicati in modo stabile affinché i valori riportati siano validi.
3. Nel caso in cui i grilli vengano sottoposti a sollecitazioni di tipo dinamico i valori dei carichi di lavoro riportati in tabella (WLL) non sono applicabili.
4. L' utilizzo ideale si ottiene quando il carico è in asse perpendicolare rispetto al perno: ha quindi un angolo di carico pari a 0°.
5. I carichi laterali sono sconsigliati. In caso non si possano evitare ricordiamo che:
 - con un angolo di carico pari a 45° si avrà una riduzione del WLL pari al 30%
 - con un angolo di carico pari a 90° si avrà una riduzione del WLL pari al 50%
6. Non utilizzare pezzi che presentino segni evidenti di usura, deformazioni o cricche.
7. Controllare attentamente il prodotto prima di ogni utilizzo.
8. L' utilizzo con temperature inferiori a -20°C e superiori a + 80° C può risultare compromesso.
9. Ogni modifica, trattamento o lavorazione successiva alla vendita esonerano Sicutool da ogni responsabilità.
10. Le misure sono espresse in millimetri (mm)..

LEGENDA

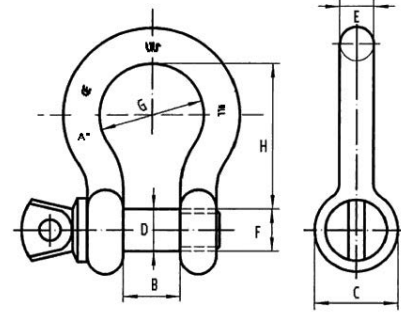
WLL = (working load limit) **carico di lavoro massimo in tons**

BL = **coefficiente di sicurezza**; il valore del **BL** è soltanto un' indicazione per la sicurezza del prodotto.

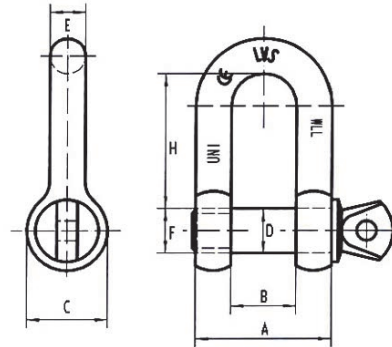
I carichi (WLL) indicati in tabella **non devono essere mai superati in alcun caso.**

**GRILLI DIRITTI ZINCATI
ART. 2157**


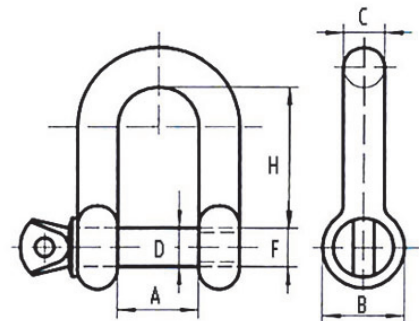
D	A	B	C	E	F	H	WLL	BL	Peso Cad. g
5	19	10	10	5	M5	19	0,10	5	14
6	24	12	12	6	M6	24	0,16	5	25
8	30	17	15,5	7	M8	29	0,25	5	47
10	34,5	18	20	8	M10	42	0,40	5	98
11	38,5	21	22	9	M11	46	0,50	5	138
12	41	22	24	10	M12	50	0,63	5	180
14	48	25	28	11	M14	57	0,80	5	254
16	52	27	32	13	M16	61	1	5	375
18	63	31	35	16	M18	65	1,30	5	616
20	66	34	40	16	M20	70	1,60	5	725
22	74,5	38	44	18	M22	74	2	5	975
25	82	42	48	20	M24	80	2,50	5	1385

**GRILLI AD OMEGA ZINCATI
ART. 2157E**


A''	B	C	D	E	F	G	H	WLL	BL	Peso g
3/16	9,5	14	6	5	1/4	16	22	0,33	6	30
1/4	12	17	8	6,4	5/16	20	28,5	0,50	6	49
5/16	13,5	21	10	8	3/8	21	31	0,75	6	87
3/8	17	24,5	11	9,6	7/16	26	37	1,00	6	150
7/16	19	27	13	11,1	1/2	29	43	1,50	6	216
1/2	21	32	16	12,7	5/8	33	48	2,00	6	332
5/8	27	40	19	15,8	3/4	43	60	3,25	6	646
3/4	32	48	22	19	7/8	51	71	4,75	6	1076
7/8	37	54	25	22,2	1	58	84	6,50	6	1640
1	43	60	28	25	1.1/8	68	95	8,50	6	2320
1.1/8	46	66	32	28	1.1/4	74	108	9,50	6	3350
1.1/4	51	76	35	32	1.3/8	82	119	12,00	6	4800
1.3/8	57	84	38	36	1.1/2	90	132	13,50	6	6000
1.1/2	60	92	41,3	38	1.5/8	98	146	17,00	6	8200
1.3/4	73	105	51	45	2	127	178	25,00	6	11600
2	82,5	127	57,5	51	2.1/4	146	197	35,00	5	20700
2.1/2	105	152	70	63	2.3/4	184	267	55,00	5	37600

**GRILLI DIRITTI EX UNI 1947
IN ACCIAIO INOX 316
ART. 2158F**


D	A	B	C	E	F	H	WLL	BL	Peso Cad. g
8	24	12	15,5	6	M8	26	0,25	5	38
10	32	16	18,5	8	M10	33	0,40	5	75
11	38	18	20	10	M11	37,5	0,50	5	120
12	40	20	24	10	M12	42	0,63	5	154
14	44	22	28	11	M14	46	0,80	5	217
16	48	24	31	12	M16	50	1	5	303
18	54	26	32	14	M18	54	1,30	5	419
20	60	28	38	16	M20	60	1,60	5	675
22	70	32	44	21	M22	70	2	5	1020
25	82	36	49	22	M24	82	2,50	5	1405
28	90	40	56	25	M27	90	3,15	5	2090
32	103	45	64	28	M30	100	4	5	3125
36	114	50	72	32	M36	110	5	5	4355
40	123	55	80	34	M39	120	6,30	5	5590
42	136	60	85	38	M42	131	8	5	6500
45	149	65	90	42	M45	143	10	5	9000
50	164	70	100	47	M52	155	12,50	5	10500

**GRILLI DIRITTI ACCIAIO INOX 316
ART. 2158E**


D	A	B	C	F	H	Peso Cad. g
4	8	7,8	5	M4	16	8
5	10	10	6	M5	19	16,3
6	12	12	8	M6	24	26,3
8	16	16	10	M8	32	62,2
10	20	19	11	M10	40	116
12	25	24	12	M12	48	210
14	28	27	14	M14	56	322
16	32	31	16	M16	64	482
18	36	35	18	M18	71	700
20	38	38	19	M20	76	825
22	44	43	22	M22	85	1300
25	50	49	25	M24	95	1690

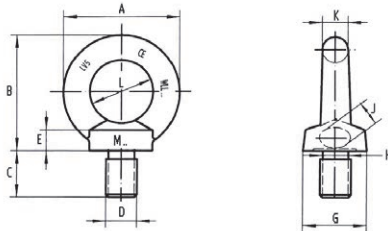
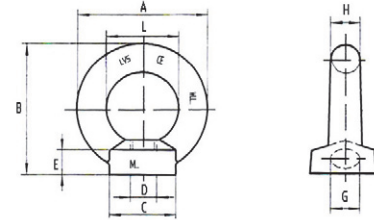
MALE EYEBOLTS Art. 2159T - 2160 - 2160F - 2160L
FEMALE EYEBOLTS Art. 2160T - 2161 - 2161F - 2161L
Tabella N. 13/e
ISTRUZIONI PER IL CORRETTO UTILIZZO DEI GOLFARI MASCHI E FEMMINA

Prima di operare il sollevamento verificare che i golfari siano avvitati completamente in modo da portarli a diretto contatto con la superficie del corpo da sollevare. I carichi indicati in tabella devono essere applicati in modo stabile affinché i valori riportati siano validi. Nel caso in cui i golfari vengano sottoposti a sollecitazioni di tipo dinamico i valori dei carichi di lavoro (WLL) riportati in tabella non sono applicabili. Le portate indicate in tabella valgono pur utilizzo con tiro diritto a 90° od inclinato a 45°, con l' utilizzo di due golfari. Non utilizzare angoli di inclinazione superiori a 45° o tiri laterali. Non utilizzare pezzi che presentino segni evidenti di usura, deformazioni o cricche. Controllare attentamente il prodotto prima di ogni utilizzo. L' utilizzo con temperature inferiori a -10°C e superiori a + 80° C può risultare compromesso. Ogni modifica, trattamento o lavorazione successiva alla vendita esonerano Sicutool da ogni responsabilità. Le misure sono espresse in millimetri (mm).

LEGENDA

WLL = (*working load limit*) carico di lavoro massimo in tons **WLL***: (*working load limit*) carico di lavoro massimo in tons per tiro a 45°
BL = coefficiente di sicurezza; il valore del BL è soltanto un' indicazione per la sicurezza del prodotto. I carichi (WLL) indicati in tabella non devono essere mai superati in alcun caso.

P: passo filetto; **PF**: passo fine






























































GOLFARI MASCHI ART. 2159T - 2160 - 2160F - 2160L

GOLFARI FEMMINA ART. 2160T - 2161 - 2161F - 2161L


D	P	PF	A	B	C	E	G	H	K	J	L	WLL	WLL*	BL	Peso Cad. g
6	1	-	36	36	13	6	20	4,6	8	10	20	0,075	0,05	6	56
8	1,25	-	36	36	13	6	20	6	8	10	20	0,14	0,10	6	58
10	1,5	-	45	45	17	8	25	7,7	10	12	25	0,23	0,17	6	108
12	1,75	1,25	54	53	20,5	10	30	9,4	12	14	30	0,34	0,24	6	177
14	2	1,5	63	62	27	12	35	11,3	14	16	35	0,50	0,35	6	289
16	2	1,5	63	62	27	12	35	13	14	16	35	0,70	0,50	6	314
18	2,5	1,5	72	71	30	14	40	15	16	19	40	0,93	0,65	6	420
20	2,5	1,5	72	71	30	14	40	16,5	16	19	40	1,20	0,86	6	430
22	2,5	1,5	81	80,5	35	14	45	18,5	18	21	45	1,45	1	6	610
24	3	2	90	90	36	18	50	19,6	20	24	50	1,80	1,29	6	884
27	3	2	96	97	39	19,5	55	22,6	21,5	25	53	2,70	1,80	6	1154
30	3,5	2	108	109	45	22	65	25	24	28	60	3,20	2,30	6	1595
33	3,5	2	108	109	45	22	65	28	24	28	60	4,30	2,80	6	1620
36	4	3	126	128	54	26	75	30,3	28	32	70	4,60	3,30	6	2593
39	4	3	144	147	63	30	85	33,3	32	38	80	5	3,50	6	2618
42	4,5	3	144	147	63	30	85	35,6	32	38	80	6,30	4,50	6	3900
45	4,5	3	166	168	68	35	100	38,6	38	46	90	7,60	5	6	6060
48	5	3	166	168	68	35	100	41	38	46	90	8,60	6,10	6	6115

D	P	PF	A	B	C	E	G	H	L	WLL	WLL*	BL	Peso Cad. g
6	1	-	36	36	20	8,5	10	8	20	0,075	0,05	6	48
8	1,25	-	36	36	20	8,5	10	8	20	0,14	0,10	6	50
10	1,5	-	45	45	25	10	12	10	25	0,23	0,17	6	90
12	1,75	1,25	54	53	30	11	14	12	30	0,34	0,24	6	160
14	2	1,5	63	62	35	13	16	14	35	0,50	0,35	6	240
16	2	1,5	63	62	35	13	16	14	35	0,70	0,50	6	240
18	2,5	1,5	72	71	40	16	19	16	40	0,93	0,65	6	360
20	2,5	1,5	72	71	40	16	19	16	40	1,20	0,86	6	360
22	2,5	1,5	81	80,5	45	18	21	18	45	1,45	1	6	720
24	3	2	90	90	50	20	24	20	50	1,80	1,29	6	720
27	3	2	96	97	55	21,5	25	21,5	53	2,70	1,85	6	1000
30	3,5	2	108	109	65	24	28	24	60	3,20	2,30	6	1320
33	3,5	2	108	109	65	24	28	24	60	4,30	2,80	6	1320
36	4	3	126	128	75	28	32	28	70	4,60	3,30	6	2100
39	4	3	144	147	85	32	38	32	80	5	3,50	6	3100
42	4,5	3	144	147	85	32	38	32	80	6,30	4,50	6	3150
45	4,5	3	166	168	100	38	46	38	90	7,60	5	6	5020
48	5	3	166	168	100	38	46	38	90	8,60	6,10	6	5100
52	5	3	184	187	110	42	50	42	100	9,80	6,50	6	6690
56	5,5	4	184	187	110	42	50	42	100	11,50	8,20	6	6750
64	6	4	206	208	120	48	58	48	110	16	11	6	9300
72	6	4	260	260	150	60	72	60	140	20	14	6	18500
80	6	4	296	296	170	70	80	68	160	28	20	6	27300
100	6	4	330	330	190	80	88	75	180	40	29	6	36400

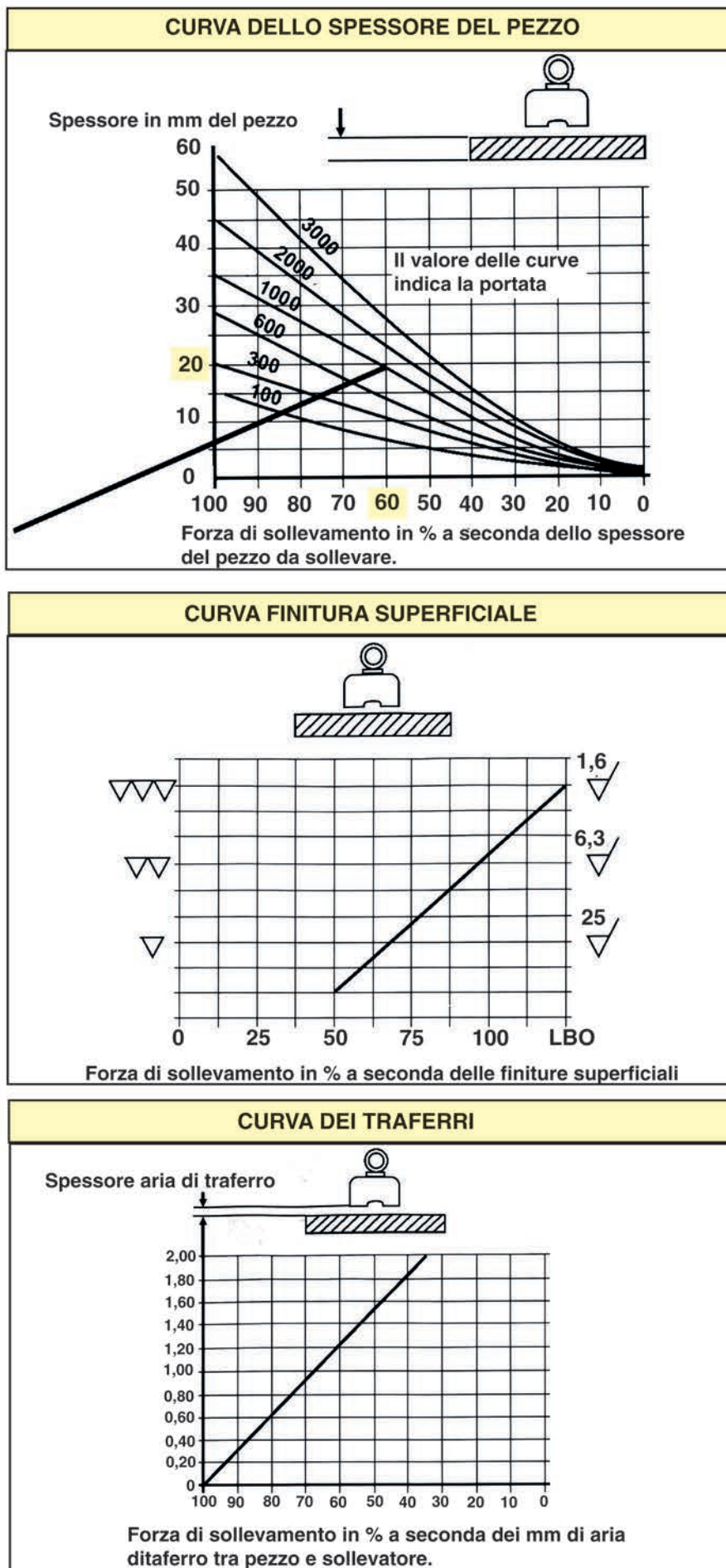
FILES SECTION

Tabella N. 13/I

2302G	A	B	C	D	E	F	G	H
								
Sez. mm	4,8x1,1	4,8x1,05	4,5x2	3,6	2,2	2,8	5x1,4	5x1,7
2303G	A	B	C	D	E	F	G	H
								
Sez. mm	5,4x1,2	5,4x1,2	5,1x2,1	3,9	2,4	2,9	5,1x1,8	5,5x1,9
2304G	A	B	C	D	E	F	G	H
								
Sez. mm	6x1,3	6x1,3	5,7x2,3	4,3	2,6	3,2	5,4x2	5,9x2
2305G	A	B	C	D	E	F	G	H
								
Sez. mm	6,5x1,4	6,5x1,35	6x2,3	4,5	2,8	3,5	5,8x2,2	6,3x2,2
2309G	A	B	D	E	F	H		
								
Sez. mm	4,2x1,3	3,8x1,4	3x3	2,2x2,2	2,4x1	4x1,6		
2310G	A	B	D	E	F	H		
								
Sez. mm	5,2x1,5	5x1,5	3,7x3,7	2,5x2,5	3,0-1	5,3x2		
2311G	A	B	D	E	F	H		
								
Sez. mm	5,8x1,5	5,8x1,8	4x4	2,7x2,7	3,0-1	5,8x2,2		
2313G	A	B	D	E	F	H		
								
Sez. mm	8,4x2,2	6,8x1,8	4,5x4,5	3x3	3,8-1	6,5x2,5		
2336G	A	B	C	D	G			
								
Sez. mm	3x1,5	4x2	3-1	2x2	2x2			

CHARACTERISTICS OF LIFTING MAGNETS ART. 2815Z

Tabella N. 14



APPROX. REVOLUTIONS OF HOLESAWS IN BIMETAL HSS ART. 3078GS - 3078GSA
Tabella N. 15

Ø mm	Ø poll.	Acciaio	Acciaio INOX	Ghisa	Ottone	Alluminio	Legno
14	9/16	580	300	400	790	900	3000
16	5/8	550	275	365	730	825	3000
17	11/16	500	250	330	665	750	3000
19	3/4	460	230	300	600	690	3000
20	25/32	435	240	290	580	660	3000
21	13/16	425	210	280	560	635	3000
22	7/8	390	195	260	520	585	3000
24	15/16	370	185	245	495	555	3000
25	1	350	175	235	470	525	2700
27	1 1/16	325	160	215	435	480	2700
29	1 1/8	300	150	200	400	450	2700
30	1 3/16	285	145	190	380	425	2400
32	1 1/4	275	140	180	360	410	2400
33	1 5/16	260	135	175	345	390	2400
35	1 3/8	250	125	165	330	375	2400
37	1 7/16	240	120	160	315	360	2400
38	1 1/2	230	115	150	300	345	2400
40	1 9/16	220	110	145	290	330	2100
41	1 5/8	210	105	140	280	315	2100
43	1 11/16	205	100	135	270	305	2100
44	1 3/4	195	95	130	260	295	2100
46	1 13/16	190	95	125	250	285	2100
48	1 7/8	180	90	120	240	270	2100
51	2	170	75	115	230	255	2000
52	2 1/16	165	80	110	220	245	2000
54	2 1/8	160	80	105	210	240	2000
57	2 1/4	150	75	100	200	225	2000
59	2 5/16	145	75	100	195	225	2000
60	2 3/8	140	70	95	190	220	2000
64	2 1/2	135	65	90	180	205	1800
65	2 9/16	130	65	85	175	200	1800
67	2 5/8	130	65	85	170	195	1800
70	2 3/4	125	60	80	160	185	1800
73	2 7/8	120	60	80	160	180	1800
76	3	115	55	75	150	170	1500
79	3 1/8	110	55	70	140	165	1500
83	3 1/4	105	50	70	140	155	1500
86	3 3/8	100	50	65	130	150	1200
89	3 1/2	95	45	65	130	145	1200
92	3 5/8	95	45	60	120	140	1200
95	3 3/4	90	45	60	120	135	1200
98	3 7/8	90	45	60	120	135	1200
102	4	85	40	55	110	130	1000
105	4 1/8	80	40	55	110	120	1000
108	4 1/4	80	40	55	110	120	900
111	4 3/8	80	40	50	100	120	900
114	4 1/2	75	35	50	100	105	900
121	4 3/4	70	35	45	95	95	900
127	5	65	30	45	90	90	800
133	5 1/4	65	30	45	90	90	800
140	5 1/2	60	25	40	85	85	800
146	5 3/4	60	25	40	85	85	800
152	6	55	25	35	75	75	800

APPROX. REVOLUTIONS OF HOLESAWS IN INTEGRAL HSS OR WITH MD INSERT

Tabella N. 16

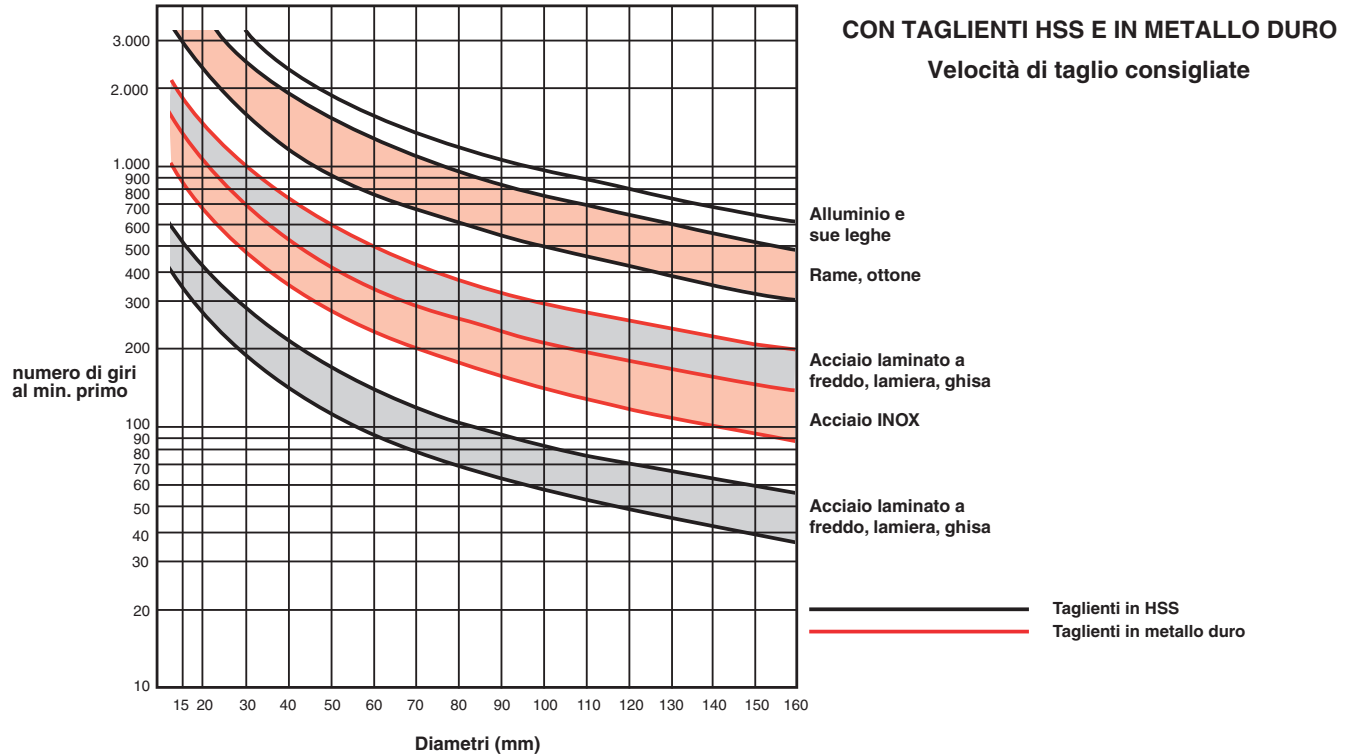

SICUTOOL CALIBRATED THICKNESS GAUGES

Tabella N. 17

Spessore mm	Tolleranza T 3 +/- mm	Resistenza a trazione		
		Acciaio al carbonio C 100	Acciaio INOX AISI 301	Ottone CuZn37
		N / mm ²	N / mm ²	N / mm ²
0,01	0,002	2000-2200	2000-2200	540-610
0,02	0,002	2000-2200	1850-2100	-
0,03	0,002	2000-2200	1600-1800	-
0,04	0,003	2000-2200	1600-1800	-
0,05	0,003	2000-2200	1600-1800	540-610
0,06	0,003	2000-2200	1600-1800	-
0,07	0,004	2000-2200	1600-1800	-
0,08	0,004	2000-2200	1600-1800	-
0,09	0,004	2000-2200	1600-1800	-
0,10	0,004	2000-2200	1600-1800	540-610
0,12	0,004	2000-2200	1600-1800	-
0,15	0,005	2000-2200	1600-1800	450-600
0,18	0,005	2000-2200	1600-1800	-
0,20	0,006	1800-2000	1600-1800	450-600
0,25	0,007	1800-2000	1600-1800	450-600
0,30	0,007	1800-2000	1600-1800	450-600
0,35	0,008	1800-2000	1600-1800	-
0,40	0,009	1600-1800	1600-1800	450-600
0,45	0,009	1600-1800	1600-1800	-
0,50	0,010	1600-1800	1600-1800	450-600
0,60	0,010	1600-1800	1600-1800	> 610
0,70	0,012	1400-1600	1600-1800	> 610
0,80	0,013	1400-1600	1600-1800	> 610
0,90	0,013	1400-1600	1600-1800	> 610
1,00	0,013	1400-1600	1600-1800	> 610

Tolleranze degli spessori dei nastri Art. 3995 GA - 3995 GL - 4000 G - 4001 G - 4002 G

Spessore mm	0,01 —	0,04 —	0,07 —	0,15 +	0,20	0,25 +	0,35	0,40 +	0,50 +	0,70	0,80 —
	0,03	0,06	0,12	0,18		0,30		0,45	0,60		1,00
Toll. sullo spessore mm	±0,002	±0,003	±0,004	±0,005	±0,006	±0,007	±0,008	±0,009	±0,010	±0,012	±0,013

**CIRCULAR SAWS WITH TEETH IN MD FOR WOOD
COMPOSITE MATERIALS - SYNTHETIC - ALUMINUM**

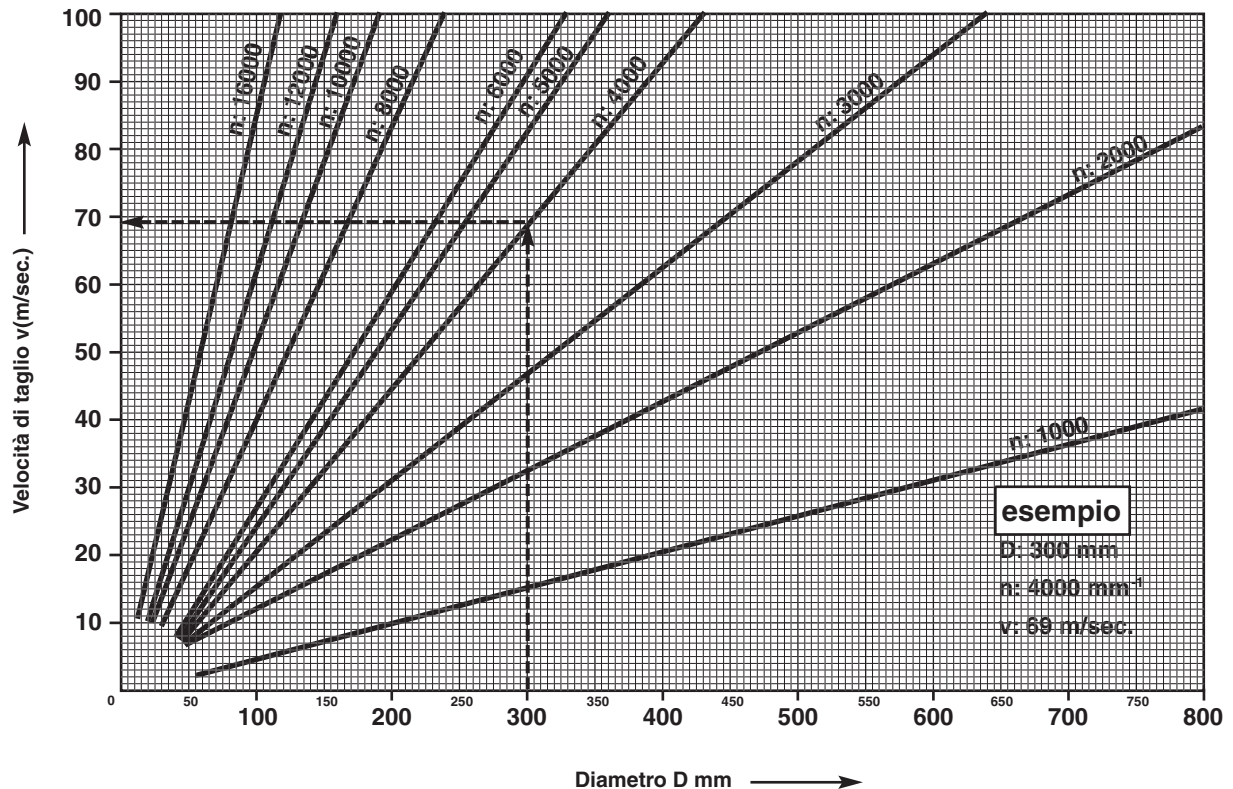
Tabella N. 18

**DIAGRAMMA PER LA DETERMINAZIONE DEL NUMERO DI GIRI AL MINUTO
PER ART. 4840G/4843G A 4850G E ART. 9596G/9597G/9597GR**

MEDIA DEI DATI DI TAGLIO
Valori orientativi delle velocità di taglio (m/sec.)

Legno dolce (pino, abete, ecc.)	60-100 m/sec.
Legno duro (faggio, quercia, teak, ecc)	50-80 m/sec.
Legno stratificato (compensato, pannello di legno compensato)	50-90 m/sec.
Laminato/pannello stratificato (paniforte, pannello a listelli)	50-80 m/sec.
Masonite // pannello di masonite (media durezza, duro, plastificato)	50-80 m/sec.
Pannello di masonite (trucioli di legno, lastra di materiale da costruzione leggero, sezione di pannello pressato, plastificato)	60-80 m/sec.
Laminati plastici (resopal, duropal, homopal, ecc.)	50/100 m/sec.
Pannelli in gesso	50-70 m/sec.
Pannelli da costruzione (cementificati, fibrocemento)	10-40 m/sec.
Plastiche dure, cartoni	30-60 m/sec.
Materiali teneri	30-90 m/sec.

Diagramma delle velocità di taglio



ALLUMINIO:

Su profilati di ALLUMINIO occorre una velocità di taglio non inferiore ai 50 m/secondo.

TECHNICAL DATA OF ABRASIVE ROTATING BRUSHES

Tabella N. 19

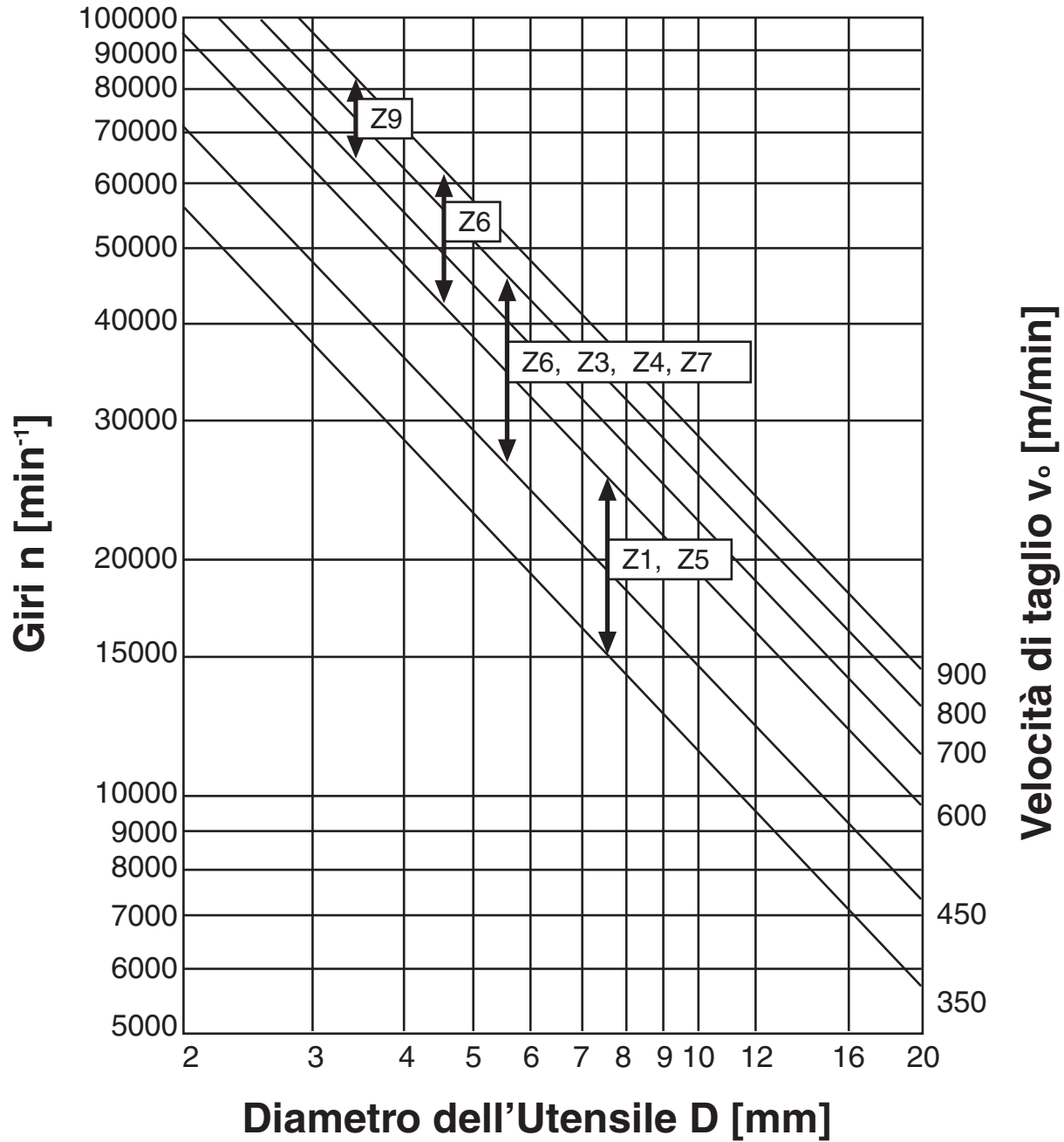
Velocità m/s	Tabella velocità ottimale spazzole Art. 7932 G/7933 G/7934/7934 E/7934 P	Velocità m/s	Tabella velocità ottimale spazzole Art. 7935 G a 7937 G/7943 G a 7945 G	Velocità m/s	Tabella velocità ottimale spazzole Art. 7949
25 - 40	Per acciai e ghise	10 - 25	Per leghe al Cr-Ni e leggere	10 - 25	Per alluminio e sue leghe
30 - 40	Per fusioni in lega	8 - 16	Per metalli dolci	8 - 16	Per leghe di Titanio e argento
15 - 25	Per legni senza resina	5 - 12	Per legni senza resina	5 - 12	Per plastica

FLEXIBLE ABRASIVES
Tabella N. 20
Qualità e campi d'impiego

qualità	utilizzo per	vantaggi	campi d'impiego
tela di corindone normale	spazzole lamellari, anelli, dischi abrasivi, capsule, dischi lamellari	abrasivo ad alta tenacità, grande resistenza	acciaio fucinato, ghisa malleabile, ghisa, acciaio carbone, acciaio per imbutitura, nastro d'acciaio, metalli non ferrosi, legno
tela di corindone normale con legante speciale	spazzole lamellari, anelli	abrasivo ad alta tenacità, grande resistenza	acciai pregiati (Cr-Ni), acciaio per imbutitura, Titanio, leghe di titanio, acciai ad alta resistenza ed al calore
tela di zirconio	spazzole lamellari, anelli, dischi abrasivi, dischi lamellari	granuli abrasivi ad alta resistenza, su pressione elevata	acciaio fucinato, metalli ad asportazione difficile a superficie molto dure, titanio e leghe di titanio, acciai ad alta resistenza ed al calore
tela di carburo di silicio	spazzole lamellari, spazzole rotative con foro, anelli, dischi abrasivi, dischi lamellari	durezza di grana elevata	alluminio e leghe d'alluminio, titanio e leghe d'alluminio, resine, acciai ad alta resistenza ed al calore
tessuto abrasivo di fibro sintetico (vlies), corindone normale	spazzole lamellari, spazzole rotative con foro, dischi abrasivi, tamponi abrasivi (fogli)	effetto lucidando tramite la struttura del tessuto, resi costanti per causa di granuli costantemente attivati	acciai pregiati (Cr-Ni), zinco pressofusione di ghisa, metalli non ferrosi, legno
tessuto abrasivo di fibro sintetico (vlies), carburo di silicio	spazzole lamellari, spazzole rotative con foro, dischi abrasivi, tamponi abrasivi (fogli e rotoli), dischi lamellari	effetto lucidando tramite la struttura del tessuto, resi costanti per causa di granuli costantemente attivati	titanio e leghe di titanio, argento e scoperti di argento, alluminio e leghe d'alluminio, resine
combinazione di tela e vlies, corindone normale	spazzole lamellari, spazzole rotative con foro, dischi lamellari	rinforzamento del effetto del vlies tramite la tela	acciai pregiati (Cr-Ni), zinco pressofusione di ghisa, metalli non ferrosi, legno
combinazione di tela e vlies, carburo di silicio	spazzole lamellari, spazzole rotative, dischi lamellari	rinforzamento del effetto del vlies tramite la tela	titanio/ leghe di titanio, argento/ scoperti d'argento, alluminio/ leghe d'alluminio, resine

GENERAL DATA ON THE CHOICE OF ABRASIVE WHEELS AND CUTTING WHEELS
Tabella N. 21

MATERIALE	Tipo di lavorazione	Velocità periferica m/sec.	Abrasivo	Grana	Durezza	Legante
ACCIAI FUSI	- Molatura a mano	50-55	Corindone	16-24	Q-S	Bakelite
	- o con supporto fisso	25-30	»	16-24	P-R	Ceramica
	- Rettifica cilind. est.	25-30	»	46-80	M-N	»
	- Spianare c/mole a tazza	25-30	»	36-46	J-L	»
ACCIAI LAMINATI E FUCINATI	- Rettifica cilind. est.	25-30	»	46-60	M-N	»
	- Rettifica cilind. int.	10-20	»	46-60	K-M	»
	- Spianare c/mole a tazza	25-30	»	36-46	J-L	»
ACCIAI INOSSIDABILI	- Molatura a mano	50-55	»	16-24	P-R	Bakelite
	- o con supporto fisso	25-30	»	16-24	P-Q	Ceramica
	- Rettifica cilind. est.	25-30	»	46-60	L-N	»
	- Spianare c/mole a tazza	25-30	»	30-36	I-K	»
ACCIAI TEMPERATI	- Rettifica cilind. est.	25-30	»	46-60	K-M	»
	- Rettifica cilind. int.	15-20	»	60-80	J-K	»
	- Spianare c/mole a tazza	25-30	»	30-46	G-H	»
ACCIAI LEGATI	- Rettifica cilind. est.	25-30	»	60-80	N-O	»
ALLUMINIO	- Sbavatura a mano	35-45	Carburo-Silicio	24-30	O	Bakelite
	- o con supporto fisso	25-30	»	20-24	N-O	Ceramica
	- Spianare c/mole a tazza	25-30	»	24	J	»
BACHELITI E SIMILI	- Rettifica	25-30	»	46-60	J-K	»
	- Troncatura	45	»	40	N	Bakelite
BRONZO E OTTONE	- Sgrossare	25-30	»	36	J	»
	- Finire	25	»	46-60	J	»
GHISE	- Sbavatura a mano	35-45	»	20-24	Q-R	Bakelite
	- o con supporto fisso	35-45	»	14-16	P-Q	»
	- Rettifica esterna	25-30	»	36	I-K	Ceramica
	- Rettifica interna	25-30	»	46-60	I-J	»
	- Spianare c/mole a tazza	25-30	»	24-26	J-K	»
Acciaio temprato	Troncare	80	Corindone	50	N-P	Bakelite
Acciaio legato	»	80	»	30	O-P	»
Acciaio tubi	»	80	»	70	Q	»
Acciaio S. R.	»	80	»	46	P	»
Acciaio Inox	»	80	»	50	N-P	»
Bachelite e simili	»	80	Carburo-Silicio	40	N	»
Bronzo	»	80	»	40	N	»
Ghisa	»	80	»	24	Q	»
Ottone-Rame barre	»	80	»	36	N	»
Ottone-Rame tubi	»	80	»	80	M	»
Pietre	»	80	»	30	N-Q	»
Mattonelle	»	80	»	30	N-O	»

RECOMMENDED CUTTING SPEEDS FOR ROTARY MILLING CUTTERS IN MD
Tabella N. 22


HELICAL TIPS - FEATURES AND CONSTRUCTION ELEMENTS

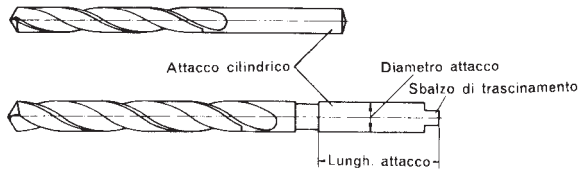
Tabella N. 23



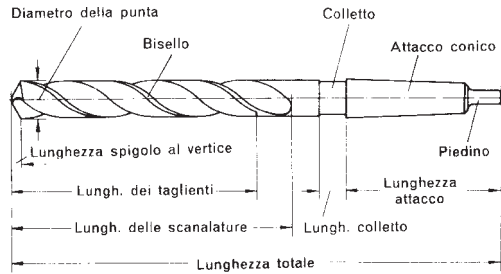
HARTNER

Nomenclatura conforme DIN 1412

Punte elicoidale con attacco cilindrico



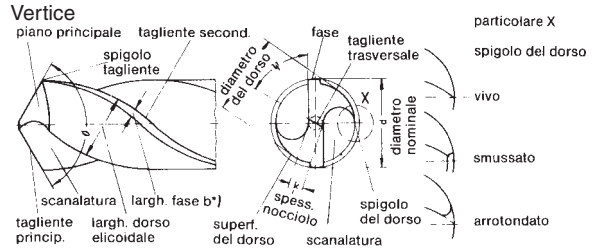
Punte elicoidali con attacco Cono Morse



Punte con canali di lubrificazione



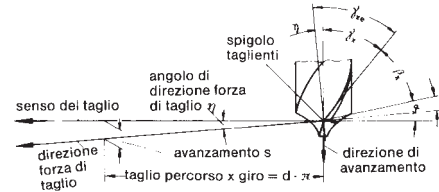
Estratto da DIN 1412, edito il 12/66



σ = Angolo del vertice (sigma) ξ = Angolo del tagliente trasversale (Psi)
 *) La larghezza della fase b, secondo le norme di taglio con asportazione di truciolo, è proporzionale alla larghezza del dorso della punta e viene indicata con $b_{0,9}$, ved. DIN 6581.

Gli angoli dei taglienti

Come punto di riferimento è stato scelto il piano dei taglienti.



$\alpha \times$ Angolo di spoglia inferiore nominale (Alpha) $\gamma \times$ Angolo di spoglia superiore nominale (Gamma)
 $\alpha \times e$ Angolo di spoglia inferiore effettivo $\gamma \times e$ Angolo di spoglia superiore effettivo
 $\beta \times$ Angolo di taglio inferiore (Beta) η Angolo di direzione della forza di taglio (Eta)

La misurazione degli angoli α (= angolo di spoglia inferiore nominale), β (= angolo di taglio inferiore) e γ (angolo di spoglia superiore), si effettua sul piano del cuneo. Per dettagli ved. DIN 6581, concetti della tecnica di asportazione del truciolo e geometria dei taglienti degli utensili.

Tipi, impieghi, caratteristiche costruttive

	Tipo	Impiego	Angolo di spoglia sup.	Angolo del vert.	Tipo di affilatura
	N	per materiali a truciolabilità normale (p. es. acciaio, ghisa, ghisa grigia)	20° - 30°	118°	normale
	H	per materiali duri, a trucioli corti (p. es. ottone, bronzo, elektron)	12° - 16°	118°	normale
	W	per materiali teneri, a trucioli lunghi (p. es. alluminio, leghe d'alluminio, rame)	35° - 40°	130° 118°	normale
	FN	per materiali a truciolatura normale da sottoporre a perforazioni molto profonde	35°	130°	normale, tagliente trasversale assottigliato
	FW	per materiali teneri a trucioli lunghi da sottoporre a perforazioni molto profonde	35° - 40°	130°	idem
	S	per materiali di difficile truciolatura (p. es. acciaio INOX ed acciai resistenti al calore)	20°-30°	130°	idem
	V	per materiali duri e di difficile truciolabilità (p. es. acciai per molle)	35°	130°	idem
	EN	per materiali a truciolabilità normale da sottoporre a perforazioni estremamente corte	20° - 30°	130°	idem

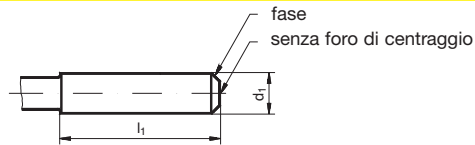
Analisi orientativi sui tipi d'acciaio

	Denominazione acciaio	Materiale N.	Denom. USA	Analisi orientative (valori medi) in %							
				C	Si	Mn	Cr	Mo	V	W	Co
HSS	S-6-5-2 (DMO5)	1.3343	M 2	0,88	0,4	0,4	4,15	3,95	1,85	6,35	-
HSS-E	S-6-5-2-5 (EMO5CO5)	1.3243	M 35	0,92	0,4	0,4	4,15	4,95	1,85	6,35	4,75
HSS-E	S-12-1-4-5 (EV4CO)	1.3202	-	1,37	0,4	0,4	4,15	0,85	3,75	12,0	4,75
HSS-E	S-10-4-3-10 (EW9CO10)	1.3207	-	1,27	0,4	0,4	4,15	3,75	3,25	10,2	10,5
WS	115CrV3	1.2210	-	1,15	0,2	0,3	0,7	-	0,1	-	-
Mat. per il codolo	C60	1.0601	-	0,6	0,3	0,8	-	-	-	-	-

DIMENSIONS OF CYLINDRICAL CONNECTIONS IN MD ACCORDING DIN 6535
Tabella N. 24
Forma HA, liscio

HARTNER

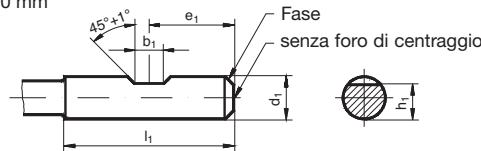
Misure in mm



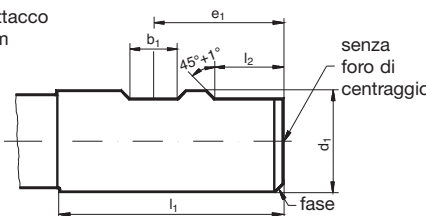
d_1	l_1	d_1	l_1	d_1	l_1
h6	+2 0	h6	+2 0	h6	+2 0
2	28	8	36	18	48
3	28	10	40	20	50
4	28	12	45	25	56
5	28	14	45	32	60
6	36	16	48		

Forma HB, con piano di attacco laterale

Misure in mm



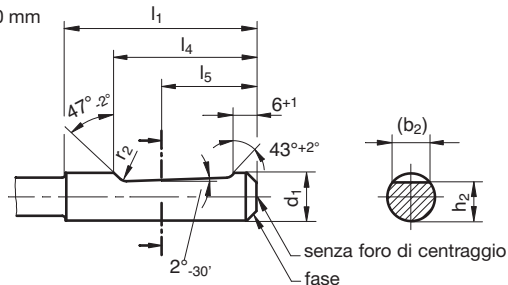
d_1	b_1	e_1	h_1	l_1	l_2
h6	+0,05 0	0 -1	h11	+2 0	+1 0
6	4,2	18	5,1	36	-
8	5,5	18	6,9	36	-
10	7	20	8,5	40	-
12	8	22,5	10,4	45	-
14	8	22,5	12,7	45	-
16	10	24	14,2	48	-
18	10	24	16,2	48	-
20	11	25	18,2	50	-

 con 2 piani di attacco
 $d_1 = 25$ e 32 mm


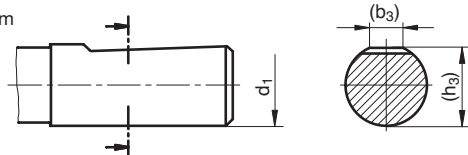
25	12	32	23	56	17
32	14	36	30	60	19

Forma HE, con piano di attacco inclinato, senza fori di refrigerazione*

*Esecuzione: codoli cilindrici a DIN 6535 sono eseguiti senza o con fori di refrigerazione. L'impiego dell'esecuzione per differenti utensili come pure dati dimensionali e designazione per la posizione dei fori di refrigerazione sono contenute nelle corrispondenti norme.

 per $d_1 = 6$ fino 20 mm


d_1	(b_2)	(b_3)	h_2	(h_3)	l_1	l_4	l_5	r_2
h6	≈		h13		+2 0	0 -1	misura nom.	min.
6	4,3	-	5,1	-	36	25	18	1,2
8	5,5	-	6,9	-	36	25	18	1,2
10	7,1	-	8,5	-	40	28	20	1,2
12	8,2	-	10,4	-	45	33	22,5	1,2
14	8,1	-	12,7	-	45	33	22,5	1,2
16	10,1	-	14,2	-	48	36	24	1,6
18	10,8	-	16,2	-	48	36	24	1,6
20	11,4	-	18,2	-	50	38	25	1,6

 per $d_1 = 25$ e 32 mm


25	13,6	9,3	23,0	24,1	56	44	32	1,6
32	15,5	9,9	30,0	31,2	60	48	35	1,6

TREATMENTS
Tabella N. 25

HARTNER
Descrizione breve

	T rivestimento TiN	A rivestimento TiAlN	A rivestimento AlTiN	C rivestimento TiCN	F rivestimento FIRE	M rivestim. MolyGlide	Y rivestim. TiAlSiN
Processo	PVD	PVD	PVD	PVD	PVD	PVD	PVD
Temperatura di ricopertura max. (°C)	450°...500°	350°	450°	450°...500°	450°...500°	150°	450°...500°
Substrato	HSS, metallo duro, Cermet	HSS, metallo duro, Cermet	HSS, metallo duro	HSS, metallo duro, Cermet	HSS, metallo duro, Cermet	HSS, metallo duro, Cermet	HSS, metallo duro, Cermet
Layer (substrato)	1	1	1	1	6	1	nanokomposit
Colore	oro	nero-violetto	nero-violetto	grigio-violetto	nero-violetto	grigio	bronzo-rosso
Spessore (µm)	secondo il campo di impiego						
Durezza (HV 0,05)	2300	3300	3500	3000	3300	20-50	5500
Trasmissione di calore (kW/mK)	0,07	0,05	0,05	0,1	0,05	< 0,1	0,03
Temperatura di impiego max. (°C)	< 600°	< 800°	< 900°	< 400°	< 800°	< 800°	< 800°
Lavorazione tipiche	universale	tornire, forare	universale	fresare, forare, maschiare	universale	forare maschiare alesare, fresare	forare, fresare
Materiali lavorabili di preferenza	universale	ghisa , GGG, AISi	materiali di difficile truciolabilità come leghe al titanio, GGV, Inconel ed acciai legati	per acciai molto resistenti, Inconel, Monel	universale	Al, AISi, acciaio, leghe di speciale	ghise, acciai legati, acciai molto resistenti, CFK
Particolarità	conveniente	lavorazione a secco	lav. di materiali duri (> 52 HRC, MD), lavorazioni HSC	lavorazione a secco, insensibile a carichi d'urto, taglio interrotto	largo campo di impiego	lavorazione a secco, insensibile a carichi d'urto	largo campo di impiego

RECOMMENDATIONS FOR USING HELICAL TIPS = 3XD

Tabella N. 26

Articolo nr.

Articolo nr.

Norma/DIN

Materiale tagliente

Tratt. superficiale

Tipo

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- Emulsione

Direzione di taglio:

- destre
- sinistre



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerante
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2)	≤500		
	1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤1000		
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36)	≤850		
	1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤1000		
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30)	≤700		
	1.0503 C45, 1.1191 C45E (Ck45)	≤850		
	1.0601 C60, 1.1221 C60E (Ck60)	≤1000		
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4	≤1000		
	1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1400		
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6	≤1000		
	1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1400		
Acciai nitrurati	1.8504 34CrAl6	≤1000		
	1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1400		
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9	≤850		
	1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤1400		
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	
Acciai temprati	-		≤48 HRC	
			≤66 HRC	
Acciai inossidabili, allo zolfo	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9	≤900		
austenitici	1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A)	≤1100		
martensitici	1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤1500		
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20)		≤240 HB	
	0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤350 HB	
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35)		≤240 HB	
	0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤350 HB	
Ghisa in conchiglia	-		≤350 HB	
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35)		≤220 HB	
	EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤300 HB	
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000)	≤1000		
	EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1400		
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2	≤850		
	3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤1400		
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		
	2.0790 CuNi18Zn19Pb	≤850		
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10	≤850		
	2.0980 CuAl11Ni, 2.1247 CuBe2	≤1000		
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		
Mat. plast. a fibre aramidiche	Kevlar	≤1000		
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		

lucide













trattati a vapore

fasi nitrurate

bruno-dorate

MolyGlide

≤3xD

81110	81120	81130	81140	84400	84501	81171	82971	81173	82972	84803	84503
81115			81145	1897	1897	1897	N.d.F.	1897	N.d.F.	1897	1897
HSS				HSS	HSS	HSS-E				HSS-E	HSS-E
											



V _c m/min	Num. col. avanzam.				V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.				V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.
27	6			6	30	6	32	7	35	5	5	5	5	38	5	42	6
22	5			5	24	5	26	6	30	5	5	5	5	33	4	36	5
30	6			6	33	6	36	7	40	5	5	5	5	44	5	48	6
30	5			5	33	5	36	6	40	5	5	5	5	38	5	42	6
25	5			5	28	5	31	6	40	5	5	5	5	44	5	48	6
25	5			5	28	5	31	6	40	5	5	5	5	44	5	48	6
					25	4	28	5	35	4	4			38	4	42	5
					22	4	24	5	20	4	4			27	4	30	5
30	6			6	33	6	36	7	36	6	6	6	6	44	4	48	5
					20	4	22	5	20	4	4			22	4	24	5
					14	4	16	5	15	3	3			18	3	20	4
16	4			4	18	4	20	5	16	4	4			22	4	24	5
									12	3	3			18	3	20	4
									15	3	3			19	4	21	5
									12	3	3			14	3	16	4
									15	3	3			14	3	17	4
									8	2	2			9	2	11	3
									45	4	4			4	1	5	2
									18	4	4	4	4	20	4	22	5
									14	3	3	3	3	15	3	17	4
									16	3	3	3	3	18	3	20	4
30	6			6	33	6	36	7	35	6	6			40	6	45	7
30	6			6	33	6	36	7	30	6	6			35	6	40	7
25	6			6	28	6	31	7	30	6	6			33	6	36	7
20	6			6	22	6	24	7	25	6	6			27	6	29	7
									10	3	3			12	3	14	4
									8	1	1			6	2	7	2
									10	2	2	2	2	11	2	12	3
									6	2	2	2	2	7	2	8	3
70				7	7			85	8	90							
70				7	7			85	8	90							
50	7			7	7			60	8	80							
50	6			6	6			60	7	70							
70	6	6		6	6			90	6	70							
60	5			5	5			70	6	40							
70				6	6			80	6	60							
40	5	6		5	5			50	6	40							
30	4	4		4	4			36	5	35							
25	4			4	4			30	5	30				45	5	50	6
15	4			4	4			18	5	20				40	4	45	5
								18	5	15				23	4	26	5
18	4	4		4	4			29	5	20				17	4	20	5
28	5	5		5	5			47	6	30							

RECOMMENDATIONS FOR USING HELICAL TIPS = 3XD

Tabella N. 27

Articolo nr.

Articolo nr.

Norma/DIN

Materiale tagliente

Tratt. superficiale

Tipo

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- Emulsione

Direzione di taglio:

- destre
- sinistre



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerante
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2)	≤500		
	1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤1000		
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36)	≤850		
	1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤1000		
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30)	≤700		
	1.0503 C45, 1.1191 C45E (Ck45)	≤850		
	1.0601 C60, 1.1221 C60E (Ck60)	≤1000		
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4	≤1000		
	1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1400		
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6	≤1000		
	1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1400		
Acciai nitrurati	1.8504 34CrAl6	≤1000		
	1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1400		
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9	≤850		
	1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤1400		
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	
Acciai temprati	-		≤48 HRC	
			≤66 HRC	
Acciai inossidabili, allo zolfo	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9	≤900		
austenitici	1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A)	≤1100		
martensitici	1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤1500		
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20)		≤240 HB	
	0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤350 HB	
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35)		≤240 HB	
	0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤350 HB	
Ghisa in conchiglia	-		≤350 HB	
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35)		≤220 HB	
	EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤300 HB	
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000)	≤1000		
	EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1400		
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2	≤850		
	3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤1400		
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		
	2.0790 CuNi18Zn19Pb	≤850		
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10	≤850		
	2.0980 CuAl11Ni, 2.1247 CuBe2	≤1000		
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		
Mat. plast. a fibre aramidiche	Kevlar	≤1000		
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		

lucide

trattati a vapore

fasi nitrurate

bruno-dorate

MolyGlide

$\leq 3 \times D$

84805
N.d.F.
HSS-E
T
FU 500

84808
1897
HSS-E
○
FU 500 DZ

84806
1897
HSS-E
T
FU 500 DZ

84511
1897
HSS-E-PM
F
FN 500

89235	89246	89301	89302	89303
6539	N.d.F.	8037	8041	8038
int. in MD				
○	○	○	○	○
N	N	N	N	N



V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.								
45	6	35	6	45	6	42	6	80	4								
35	5	30	5	35	5	37	5	70	4								
50	6	40	6	50	6	47	7	80	5	4	4						
40	6	30	6	40	6	44	6	70	4	3	3						
44	6	32	6	44	6	47	6	80	4								
44	6	28	6	44	6	47	6	70	4								
40	5	20	5	40	5	44	5	60	4								
27	4	15	4	27	4	30	4	60	4								
22	3	13	3	22	3	25	3										
44	6	30	6	44	6	47	4	80	5								
22	4	16	4	22	4	25	5	60	4								
18	3	12	3	18	3	20	4										
22	4	15	4	22	4	25	5	50	4								
16	3	10	3	16	3	18	4										
20	4	15	4	20	4	22	5	50	3								
15	3	10	3	15	3	17	4										
13	3	10	3	13	3	17	4										
9	2	10	3	9	2	12	2	25	2	2	2						
													20	3	3	3	
													10	2	2	2	
20	4	14	4	20	4	22	4	25	2								
16	3	10	4	16	4	18	3	15	1								
18	4	12	4	18	4	20	3	25	2								
45	6	36	6	45	6	50	7	90	4	4	4						
40	6	30	6	40	6	44	7	80	4	4	4						
40	6	30	6	40	6	45	7	80	4	4	4						
30	6	22	6	30	6	33	7	70	4	4	4						
													10	1	1	1	
70	7	50	7	70	7	80	5	15	2								
70	7	50	7	70	7	80	5	15	1								
85	7	65	7	85	7	80	5	15	1								
70	6	60	6	70	6	80	5	200	7								
80	6	60	6	80	6	80	5	200	7								
80	5	70	5	80	5	80	5	150	6								
77	5	45	5	77	5	80	5	120	6								
44	5	30	5	44	5	80	5	180	6								
50	4	36	4	50	4	80	5	80	5								
40	4	30	4	40	4	80	5	180	5	5	5						
32	4	30	4	32	4	60	5	180	5	5	5						
28	4	25	4	28	4	50	5	120	5								
25	4	20	4	25	4	44	5	120	5								
27	4	15	4	27	4	33	5	70	4								
													50	3			
													40	3	4		3
													80	3	3		2

RECOMMENDATIONS FOR USING HELICAL TIPS = 5XD

Tabella N. 28

Articolo nr.

Articolo nr.

Norma/DIN

Materiale tagliente

Tratt. superficiale

Tipo

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- Emulsione

Direzione di taglio:

- destre
- sinistre



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerante
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2)	≤500		
	1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤1000		
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36)	≤850		
	1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤1000		
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30)	≤700		
	1.0503 C45, 1.1191 C45E (Ck45)	≤850		
	1.0601 C60, 1.1221 C60E (Ck60)	≤1000		
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4	≤1000		
	1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1400		
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6	≤1000		
	1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1400		
Acciai nitratati	1.8504 34CrAl6	≤1000		
	1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1400		
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9	≤850		
	1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤1400		
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	
Acciai temprati	-		≤48 HRC	
			≤66 HRC	
Acciai inossidabili, allo zolfo	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9	≤900		
austenitici	1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A)	≤1100		
martensitici	1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤1500		
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20)		≤240 HB	
	0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤350 HB	
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35)		≤240 HB	
	0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤350 HB	
Ghisa in conchiglia	-		≤350 HB	
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35)		≤220 HB	
	EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤300 HB	
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000)	≤1000		
	EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1400		
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2	≤850		
	3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤1400		
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		
	2.0790 CuNi18Zn19Pb	≤850		
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10	≤850		
	2.0980 CuAl11Ni, 2.1247 CuBe2	≤1000		
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		
Mat. plast. a fibre aramidiche	Kevlar	≤1000		
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		

- lucide
- trattati a vapore
- fasi nitrate
- bruno-dorate
- MolyGlide

RECOMMENDATIONS FOR USING HELICAL TIPS = 5XD

Tabella N. 29

Articolo nr.

Articolo nr.

Norma/DIN

Materiale tagliente

Tratt. superficiale

Tipo

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- Emulsione

Direzione di taglio:

- destre
- sinistre



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerante
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2)	≤500		
	1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤1000		
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36)	≤850		
	1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤1000		
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30)	≤700		
	1.0503 C45, 1.1191 C45E (Ck45)	≤850		
	1.0601 C60, 1.1221 C60E (Ck60)	≤1000		
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4	≤1000		
	1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1400		
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6	≤1000		
	1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1400		
Acciai nitrurati	1.8504 34CrAl6	≤1000		
	1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1400		
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9	≤850		
	1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤1400		
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	
Acciai temprati	-		≤48 HRC	
			≤66 HRC	
Acciai inossidabili, allo zolfo	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9	≤900		
austenitici	1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A)	≤1100		
martensitici	1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤1500		
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20)		≤240 HB	
	0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤350 HB	
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35)		≤240 HB	
	0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤350 HB	
Ghisa in conchiglia	-		≤350 HB	
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35)		≤220 HB	
	EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤300 HB	
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000)	≤1000		
	EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1400		
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2	≤850		
	3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤1400		
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		
	2.0790 CuNi18Zn19Pb	≤850		
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10	≤850		
	2.0980 CuAl11Ni, 2.1247 CuBe2	≤1000		
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		
Mat. plast. a fibre aramidiche	Kevlar	≤1000		
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		

lucide








trattati a vapore




fasi nitrurate



bruno-dorate

MolyGlide

≤5xD

81011	82011	81041	81061	81013	82012	81012
338	345	338	338	338	345	338
HSS-E						M42
						
N	N	FN	S	IS	IS	N

84800	84859	84807
338		338
HSS-E		
		
FN	N	S

84504	84505
338	338
HSS-E	
	
FN	S



Vc m/min	Num. col. avanzam.					
35	5	5	5	5	5	5
30	5	5	5	5	5	5
40	5	5	5	5	5	5
40	5	5	5	5	5	5
40	5	5	5	5	5	5
40	5	5	5	5	5	5
35	4	4	4	4	4	5
20	4	4	4	4	4	4
16	3	3	3	3	3	3
36	6	6	6	6	6	6
20	4	4	4	4	4	3
15	3	3	3	3	3	3
16	4	4	4	4	4	3
12	3	3	3	3	3	3
15	4	4	4	4	4	3
12	3	3	3	3	3	3
15	3	3	3	3	3	3
8	2	2	2	2	2	2
4						1
18	4	4	4	4	4	3
14	3	3	2	3	3	3
16	3	3	3	3	3	3
35	6	6	6	6	6	5
30	6	6	6	6	6	5
30	6	6	6	6	6	5
28	6	6	6	6	6	5
10	3	3	3	3	3	3
8			1			1
10			2	2	2	2
6			2	2	2	2
90			7	7	7	7
90			7	7	7	7
80			7	7	7	7
70			6	6	6	6
70			6	6	6	6
40	5	5	5	5	5	5
60			5	5	5	5
40	5	5	4	5	5	5
35	4	4		4	4	4
33	4	4		4	4	4
20	4	4	4	4	4	4
15	4	4	4	1	1	4
20	4	4	4			

Vc m/min	Num. col. avanzam.		
38	6	6	6
33	5	5	5
44	5	5	5
38	5	5	5
44	5	5	5
27	4	4	4
22	3	3	3
44	4	4	4
22	4	4	4
18	3	3	3
22	4	4	4
18	3	3	3
19	4	4	4
14	3	3	3
14	3	3	3
9	2	2	2
20	4	4	4
15	3	3	3
18	3	3	3
40	6	6	6
35	6	6	6
33	6	6	6
27	6	6	6
12			3
6			2
11			2
7			2
88	5	5	5
40		4	
22	4	4	4
17	4	4	4
22	4	4	4

Vc m/min	Num. col. avanzam.	
42	6	6
36	5	5
48	6	6
42	6	6
48	6	6
42	5	5
30	5	5
34	4	4
48	6	6
24	5	5
20	4	4
24	5	5
20	4	4
21	5	5
16	4	4
17	4	4
11	3	3
6	1	1
22	5	5
17	4	4
20	4	4
45	7	7
40	7	7
36	7	7
29	7	7
14	4	4
7		2
12		2
8		2
85	8	8
72	7	7
96	6	6
25	5	5
20	5	5
24	5	5

 TiAIN

 AiTiN nano

 AiTiN

 TiCN

 FIRE

 TiN

 TiAlSiN

RECOMMENDATIONS FOR USING HELICAL TIPS = 5XD

Tabella N. 30

Articolo nr.

Articolo nr.

Norma/DIN

Materiale tagliente

Tratt. superficiale

Tipo

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- Emulsione

Direzione di taglio:

- destre
- sinistre



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerante
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2)	≤500		<input type="radio"/>
	1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤1000		<input type="radio"/>
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36)	≤850		<input type="radio"/>
	1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤1000		<input type="radio"/>
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30)	≤700		<input type="radio"/>
	1.0503 C45, 1.1191 C45E (Ck45)	≤850		<input type="radio"/>
	1.0601 C60, 1.1221 C60E (Ck60)	≤1000		<input type="radio"/>
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4	≤1000		<input type="radio"/>
	1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1400		<input type="radio"/>
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		<input type="radio"/>
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6	≤1000		<input checked="" type="radio"/>
	1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1400		<input checked="" type="radio"/>
Acciai nitratati	1.8504 34CrAl6	≤1000		<input type="radio"/>
	1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1400		<input checked="" type="radio"/>
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9	≤850		<input type="radio"/>
	1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤1400		<input checked="" type="radio"/>
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		<input checked="" type="radio"/>
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	<input checked="" type="radio"/>
Acciai temprati	-		≤48 HRC	<input checked="" type="radio"/>
			≤66 HRC	<input checked="" type="radio"/>
Acciai inossidabili, allo zolfo	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9	≤900		<input checked="" type="radio"/>
austenitici	1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A)	≤1100		<input checked="" type="radio"/>
martensitici	1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤1500		<input checked="" type="radio"/>
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20)		≤240 HB	<input type="radio"/>
	0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤350 HB	<input type="radio"/>
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35)		≤240 HB	<input type="radio"/>
	0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤350 HB	<input type="radio"/>
Ghisa in conchiglia	-		≤350 HB	<input type="radio"/>
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35)		≤220 HB	<input type="radio"/>
	EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤300 HB	<input type="radio"/>
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000)	≤1000		<input type="radio"/>
	EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1400		<input type="radio"/>
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		<input checked="" type="radio"/>
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2	≤850		<input checked="" type="radio"/>
	3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤1400		<input checked="" type="radio"/>
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		<input type="radio"/>
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		<input type="radio"/>
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		<input type="radio"/>
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		<input type="radio"/>
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		<input type="radio"/>
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		<input type="radio"/>
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		<input type="radio"/>
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		<input type="radio"/>
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		<input type="radio"/>
	2.0790 CuNi18Zn19Pb	≤850		<input checked="" type="radio"/>
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10	≤850		<input checked="" type="radio"/>
	2.0980 CuAl11Ni, 2.1247 CuBe2	≤1000		<input checked="" type="radio"/>
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		<input type="radio"/>
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		<input type="radio"/>
Mat. plast. a fibre aramidiche	Kevlar	≤1000		<input type="radio"/>
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		<input type="radio"/>

lucide

trattati a vapore

fasi nitrate

bruno-dorate


MolyGlide

≤5xD

84804

338

HSS-E




FU 500 DZ

84802

338

HSS-E




FU 500 DZ

84801

N.d.F.

HSS-E



FU 500



V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.
35	6	45	6	45	6
30	5	35	5	35	5
40	6	50	6	50	6
30	6	40	6	40	5
32	6	44	6	44	6
28	6	44	6	44	6
20	5	40	5	40	5
15	4	27	4	27	4
13	3	22	3	22	3
30	6	44	6	44	6
16	4	22	4	22	4
12	3	18	3	18	3
15	4	22	4	22	4
10	3	16	3	16	3
15	4	20	4	20	4
10	3	15	3	15	3
10	3	13	3	13	3
		9	2	9	2
14	4	20	4	20	4
10	4	16	4	16	4
12	4	18	4	18	4
36	6	45	6	45	6
30	6	40	6	40	6
30	6	40	6	40	6
22	6	30	6	30	6
50	7	70	7	70	7
50	7	70	7	70	7
65	7	85	7	85	7
60	6	70	6	70	6
60	6	80	6	80	6
70	5	80	5	88	5
45	5	77	5	77	5
30	5	44	5	44	5
36	4	50	4	50	4
30	4	40	4	40	4
30	4	32	4	32	4
25	4	28	4	28	4
20	4	25	4	25	4
15	4	27	4	27	4

 TiAIN

 AiTiN nano

 AiTiN

 TiCN

 FIRE

 TiN

 TiAISiN

RECOMMENDATIONS FOR USING HELICAL TIPS = 10XD

Tabella N. 31

Articolo nr.

Articolo nr.

Norma/DIN

Materiale tagliente

Tratt. superficiale

Tipo

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- Emulsione

Direzione di taglio:

- destre
- sinistre



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerante
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2)	≤500		
	1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤1000		
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36)	≤850		
	1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤1000		
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30)	≤700		
	1.0503 C45, 1.1191 C45E (Ck45)	≤850		
	1.0601 C60, 1.1221 C60E (Ck60)	≤1000		
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4	≤1000		
	1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1400		
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6	≤1000		
	1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1400		
Acciai nitrurati	1.8504 34CrAl6	≤1000		
	1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1400		
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9	≤850		
	1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤1400		
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	
Acciai temprati	-		≤48 HRC	
			≤66 HRC	
Acciai inossidabili, allo zolfo	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9	≤900		
austenitici	1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A)	≤1100		
martensitici	1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤1500		
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20)		≤240 HB	
	0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤350 HB	
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35)		≤240 HB	
	0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤350 HB	
Ghisa in conchiglia	-		≤350 HB	
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35)		≤220 HB	
	EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤300 HB	
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000)	≤1000		
	EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1400		
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2	≤850		
	3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤1400		
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		
	2.0790 CuNi18Zn19Pb	≤850		
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10	≤850		
	2.0980 CuAl11Ni, 2.1247 CuBe2	≤1000		
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		
Mat. plast. a fibre aramidiche	Kevlar	≤1000		
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		

lucide

trattati a vapore

fasi nitrurate

bruno-dorate

MolyGlide

≤10xD

81210	81317	81310	82210	81320	81330	81350	81340	84814	84812	84418	84423	84506
339	340	340	341	340	340	340	340	340	340	340	340	340
HSS								HSS-E	HSS-E	HSS		HSS
N		N		H		W		○	T	T		F
N		N		H		W		FU500DZ	FU500DZ	N FN		FN



V _c m/min	Num. col. avanzam.				V _c m/min	Num. avanz.	V _c m/min	Num. avanz.	V _c m/min	Num. col. avanzam.		V _c m/min	Num. avanz.	
24	6	6	6	6	29	5	32	5	28	6	6	30	7	
20	5	5	5	5	22	4	25	4	22	5	5	24	6	
27	6	6	6	6	32	5	35	5	30	6	6	33	7	
27	5	5	5	5	25	5	28	5	30	5	5	33	6	
22	5	5	5	5	22	5	25	5	25	5	5	28	6	
22	5	5	5	5	13	4	15	4	22	4	4	24	5	
					12	3	13	3	18	4	4	23	5	
					11	2	12	2						
27	6	6	6	6	25	5	28	5	30	6	6	33	7	
					12	3	14	3	14	4	4	18	5	
					11	2	12	2						
					12	3	13	3	12	4	4	15	5	
					7	2	8	2						
14	4	4	4	4	12	3	13	9	16	4	4	19	5	
					9	2	10	2	10	3	3	13	4	
					9	2	10	2						
					12	3	13	3						
					7	3	8	3						
					11	3	12	3						
27	6	6	6	6	29	6	32	6	30	6	6	33	7	
27	6	6	6	6	23	6	26	6	30	6	6	33	7	
22	6	6	6	6	25	6	28	6	24	6	6	26	7	
18	6	6	6	6	18	6	20	6	20	6	6	22	7	
65						7	7	50	7					
65						7	7	50	7					
45	7	7	7	7		7	7	60	7	50	7	7	55	8
45	6	6	6	6		6	6	50	6	50	6	6	55	7
63	6	6	6	6		6	6	50	6	70	6			
54	5	5	5	5		5	5	70	5	60	5	5	65	6
63						6	6	50	5					
36	5	5	5	5		5	5	28	5	40	5	5	44	6
28	4	4	4	4		4	4	35	4	30	4			
22	4	4	4	4		4	4	25	4	25	4			
22	4	4	4	4		4	4	24	4	14	4	4	16	5
								20	4	12	4	4	14	5
14	4	4	4	4		4	4	18	4	18	4	4	23	5
22	5	5	5	5		5	5	12	4	32	5			

RECOMMENDATIONS FOR USING HELICAL TIPS = 10XD AND WITH COOLING HOLES

Tabella N. 32

Articolo nr.

Norma/DIN

Materiale tagliente

Tratt. di superficie

Tipo

Refrigerazione

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- Emulsione

Direzione di taglio:

- destre
- sinistre



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerante
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2)	≤500		
	1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤1000		
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36)	≤850		
	1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤1000		
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30)	≤700		
	1.0503 C45, 1.1191 C45E (Ck45)	≤850		
	1.0601 C60, 1.1221 C60E (Ck60)	≤1000		
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4	≤1000		
	1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1400		
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6	≤1000		
	1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1400		
Acciai nitrurati	1.8504 34CrAl6	≤1000		
	1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1400		
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9	≤850		
	1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤1400		
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	
Acciai temprati	-		≤48 HRC	
			≤66 HRC	
Acciai inossidabili, allo zolfo	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9	≤900		
austenitici	1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A)	≤1100		
martensitici	1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤1500		
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20)		≤240 HB	
	0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤350 HB	
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35)		≤240 HB	
	0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤350 HB	
Ghisa in conchiglia	-		≤350 HB	
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35)		≤220 HB	
	EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤300 HB	
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000)	≤1000		
	EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1400		
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2	≤850		
	3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤1400		
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		
	2.0790 CuNi18Zn19Pb	≤850		
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10	≤850		
	2.0980 CuAl11Ni, 2.1247 CuBe2	≤1000		
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		
Mat. plast. a fibre aramidiche	Kevlar	≤1000		
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		

lucide

trattati a vapore

fasi nitrurate

bruno-dorate

MolyGlide

≤10xD

81311	82211	81341	81361
340	341	340	340
HSS-E			
N	N	FN	S

81362
340
HSS-E
S

89286
N.d.F.
MD
N

Punte con fori di refrigerazione

82710	82521	82535
N.d.F.	N.d.F.	N.d.F.
HSS		
FN	N	FN
assiale	assiale	assiale

82525
N.d.F.
HSS-E
FN
assiale

82515
N.d.F.
HSS-E
FN
assiale



Vc m/min	Num. col. avanzam.			
33	5	5	5	5
27	5	5	5	5
36	5	5	5	5
32	5	5	5	5
36	5	5	5	5
36	5	5	5	5
22	4	4	4	4
18	4	4	4	4
14	3	3	3	3
32	5	5	5	5
18	4	4	4	4
13	3	3	3	3
14	4	4	4	4
10	3	3	3	3
13	4	4	4	4
10	3	3	3	3
12	3	3	3	3
6	2	2	2	2
4			1	
12	4	4	4	4
8	3	3	2	3
10	3	3	3	3
32	6	6	6	6
27	6	6	6	6
26	6	6	6	6
24	6	6	6	6
6	3	3	3	3
5	1	1		1
8				2
5				2
70			7	
60			6	
60				5
36	5	5	5	5
54			5	
36	5	5	5	5
30	4	4	5	5
24	4	4	5	5
18	4	4	4	4
13	4	4	4	4
16	4	4	4	4
26				4

Vc m/min	Num. col. avanzam.
15	3
13	3
10	3
10	3
10	3
8	2
15	4
10	3
13	3
6	3
6	1
10	2
6	2
25	4

Vc m/min	Num. col. avanzam.
26	6
22	5
30	6
30	5
24	5
24	5
22	4
20	4
14	3
30	6
17	4
12	3
14	4
10	3
15	4
10	3
10	3
7	2
30	6
30	6
24	6
20	6
7	3
80	6
50	7
50	6
60	5
40	5
24	4
24	4
22	4
50	4
40	3
80	3

Vc m/min	Num. col. avanzam.		
26	6	6	6
22	5	5	5
30	6	6	6
30	5	5	5
24	5	5	5
24	5	5	5
22	4	4	4
20	4	4	4
14	3	3	3
30	6	6	6
17	4	4	4
12	3	3	3
14	4	4	4
10	3	3	3
15	4	4	4
10	3	3	3
10	3	3	3
7	2	2	2
30	6	6	6
30	6	6	6
24	6	6	6
20	6	6	6
7	3	3	3
80	6	6	6
50	7	7	7
50	6	6	6
60	5	5	5
40	5	5	5
24	4	4	4
24	4	4	4
22	4	4	4
24	5	5	5

Vc m/min	Num. col. avanzam.
35	6
30	5
30	6
30	5
35	5
29	5
22	4
18	4
14	3
35	6
18	4
14	3
14	4
12	3
15	4
11	3
11	3
8	2
4	2
14	4
10	3
12	3
30	6
24	6
24	6
20	6
8	3
8	1
10	2
8	2
60	7
50	6
38	5
55	5
36	5
24	4
20	4
14	4
25	5

Vc m/min	Num. col. avanzam.
30	5
25	4
30	5
25	4
30	4
25	4
18	3
16	3
12	2
30	5
16	3
12	2
12	3
10	2
13	3
9	2
9	2
6	2
4	1
12	3
8	2
12	2
28	5
22	5
22	5
18	5
6	2
6	1
8	2
6	2
55	6
44	5
35	4
50	4
33	4
22	4
18	4
12	4
25	4

RECOMMENDATIONS FOR USING HELICAL TIPS > 10XD

Tabella N. 33

Articolo nr.

Norma/DIN

Materiale tagliente

Tratt. di superficie

Tipo

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
● Olio
● Emulsione

Direzione di taglio:

- Ⓜ destre
Ⓛ sinistre

Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerante
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2) 1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤500 ≤1000		○
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36) 1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤850 ≤1000		○
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30) 1.0503 C45, 1.1191 C45E (Ck45) 1.0601 C60, 1.1221 C60E (Ck60)	≤700 ≤850 ≤1000		○
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4 1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1000 ≤1400		○
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		○
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6 1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1000 ≤1400		●
Acciai nitratati	1.8504 34CrAl6 1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1000 ≤1400		●
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9 1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤850 ≤1400		●
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		●
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	●
Acciai temprati	-		≤48 HRC ≤66 HRC	●
Acciai inossidabili, allo zolfo austenitici martensitici	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9 1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A) 1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤900 ≤1100 ≤1500		●
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20) 0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤240 HB ≤350 HB	○
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35) 0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤240 HB ≤350 HB	○
Ghisa in conchiglia	-		≤350 HB	○
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35) EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤220 HB ≤300 HB	○
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000) EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1000 ≤1400		○
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		●
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2 3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤850 ≤1400		●
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		○
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		○
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		○
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		○
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		○
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		○
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		○
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		○
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn 2.0790 CuNi18Zn19Pb	≤600 ≤850		●
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10 2.0980 CuAl11Ni, 2.1247 CuBe2	≤850 ≤1000		●
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		○
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		○
Mat. plast. a fibre aramidiche	Kevlar	≤1000		○
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		○

○ lucide

● trattati a vapore

● fasi nitrate

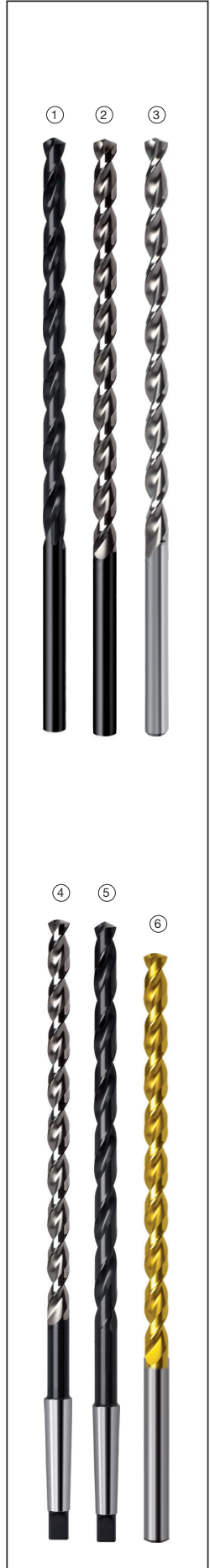
● bruno-dorate

81410	82310	81450	81440	81740	82340	82466
81510	82410		81540	81750	82440	82467
81610			81640	81760		82468
						82469
1869	1870	1869	1869	N.d.F.	1870	N.d.F.
HSS						
N	N	FW	FN	FN	FN	FN
①	⑤	③	②	④	④	④

84425
84426
1869
HSS
GT 100
⑥

81441
81541
1869
HSS-E
FN
②

82341
1870
HSS-E
FN
④



V _c m/min	Num. col. avanzam.					
22	5	5	5	5	5	5
18	4	4	4	4	4	4
20 22	5	5	5	5	5	5
20 18	4	4	4	4	4	4
25 22	4	4	4	4	4	4
25 18	4	4	4	4	4	4
12	3	3				
22	5	5	5	5	5	5
10	3	3				
8	3	3				
12	3	3	3	3	3	3
6	2	2	2	2	2	2
6	2	2				
22	5	5	5	5	5	5
18	5	5	5	5	5	5
20	5	5	5	5	5	5
14	5	5	5	5	5	5
55			6			
55			6			
45	6	6	6	6	6	6
36	5	5	5	5	5	5
55	5	5	5	5	5	5
22	4	4	4	4	4	4
45	4	4				
28	4	4	4	4	4	4
22	3	3	3	3	3	3
20	3	3	3	3	3	3
18	3	3	3	3	3	3
12	3	3	3	3	3	3
18	4	4	4	4	4	4

V _c m/min	Num. col. avanzam.
28	5
22	4
28	5
22	4
28	4
22	4
16	3
28	5
12	3
8	2
28	5
22	5
25	5
18	5
6	1
70	6
70	6
55	6
45	5
70	5
28	4
36	4
28	3
25	3
22	3
18	3
15	3
22	4

V _c m/min	Num. col. avanzam.
30	4
25	4
33	4
30	4
33	4
33	4
20	3
14	3
10	2
29	4
14	3
10	2
10	3
8	2
11	3
8	2
8	2
5	1
3	1
10	3
8	2
10	2
28	5
20	5
16	5
5	2
5	1
6	1
5	1
50	6
40	5
30	4
45	4
30	4
25	4
20	4
16	3
10	3
14	3
20	3

V _c m/min	Num. col. avanzam.
30	4
25	4
33	4
30	4
33	4
33	4
20	3
14	3
10	2
29	4
14	3
10	2
10	3
8	2
11	3
8	2
8	2
5	1
3	1
10	3
8	2
10	2
20	5
16	5
5	2
5	1
6	1
5	1
50	6
70	5
30	4
45	4
30	4
25	4
20	4
16	3
10	3
14	3
20	3

A TiAIN

a AITiN nano

A AITiN

C TiCN

F FIRE

T TiN

Y TiAlSiN

RECOMMENDATIONS FOR USING MICRO-TIPS =4XD =7XD =5XD =8XD =15XD
Tabella N. 34
Articolo nr.
Articolo nr.
Norma/DIN
Materiale tagliente
Tipo di metallo duro
Tratt. di superficie
Tipo
Refrigerazione

Ø utensile mm	Num. colonna avanzamento								
	101	102	103	104	105	106	107	108	109
	f (mm/riv.)								
0,10	0,002	0,003	0,003	0,004	0,006	0,007	0,010	0,013	0,016
0,16	0,002	0,003	0,004	0,005	0,007	0,009	0,012	0,016	0,022
0,25	0,003	0,004	0,005	0,007	0,009	0,011	0,014	0,019	0,024
0,30	0,004	0,005	0,007	0,009	0,011	0,015	0,019	0,025	0,033
0,50	0,005	0,007	0,008	0,011	0,014	0,019	0,024	0,031	0,041
0,63	0,007	0,009	0,012	0,015	0,020	0,026	0,034	0,044	0,057
0,80	0,010	0,013	0,016	0,020	0,024	0,031	0,038	0,048	0,060
1,00	0,020	0,024	0,029	0,035	0,041	0,050	0,060	0,072	0,086
1,50	0,030	0,035	0,040	0,046	0,052	0,060	0,069	0,080	0,092
2,00	0,040	0,046	0,053	0,061	0,070	0,080	0,093	0,106	0,122

Ø utensile mm	Num. colonna avanzamento articolo no. 6400/6401/6408/6412												
	56	57	58	59	60	61	62	63	64	65	66	67	68
	f (mm/riv.)												
0,80	0,008	0,016	0,024	0,032	0,04	0,05	0,06	0,07	0,08	0,08	0,08	0,09	0,09
1,00	0,012	0,022	0,032	0,042	0,06	0,07	0,08	0,09	0,10	0,10	0,11	0,11	0,12
1,50	0,021	0,036	0,051	0,066	0,09	0,10	0,12	0,13	0,15	0,15	0,16	0,17	0,18
2,00	0,032	0,052	0,072	0,092	0,12	0,14	0,16	0,18	0,20	0,21	0,22	0,23	0,24
2,50	0,045	0,070	0,095	0,120	0,15	0,17	0,20	0,22	0,25	0,26	0,27	0,28	0,30
3,00	0,060	0,090	0,120	0,150	0,18	0,21	0,24	0,27	0,30	0,31	0,33	0,34	0,36

Refrigerante:
 Aria

 Olio

 Emulsione

Direzione di taglio:
 destre

 sinistre

Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerante
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2)	≤500		<input type="radio"/>
	1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤1000		<input type="radio"/>
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36)	≤850		<input type="radio"/>
	1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤1000		<input type="radio"/>
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30)	≤700		<input type="radio"/>
	1.0503 C45, 1.1191 C45E (Ck45)	≤850		<input type="radio"/>
	1.0601 C60, 1.1221 C60E (Ck60)	≤1000		<input type="radio"/>
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4	≤1000		<input type="radio"/>
	1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1400		<input type="radio"/>
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		<input type="radio"/>
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6	≤1000		<input type="radio"/>
	1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1400		<input checked="" type="radio"/>
Acciai nitratati	1.8504 34CrAl6	≤1000		<input type="radio"/>
	1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1400		<input checked="" type="radio"/>
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9	≤850		<input type="radio"/>
	1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤1400		<input checked="" type="radio"/>
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		<input checked="" type="radio"/>
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	<input checked="" type="radio"/>
Acciai temprati	-		≤48 HRC	<input checked="" type="radio"/>
			≤66 HRC	<input checked="" type="radio"/>
Acciai inossidabili, allo zolfo	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9	≤900		<input checked="" type="radio"/>
austenitici	1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A)	≤1100		<input checked="" type="radio"/>
martensitici	1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤1500		<input checked="" type="radio"/>
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20)		≤240 HB	<input type="radio"/>
	0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤350 HB	<input type="radio"/>
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35)		≤240 HB	<input type="radio"/>
	0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤350 HB	<input type="radio"/>
Ghisa in conchiglia	-		≤350 HB	<input type="radio"/>
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35)		≤220 HB	<input type="radio"/>
	EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤300 HB	<input type="radio"/>
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000)	≤1000		<input type="radio"/>
	EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1400		<input type="radio"/>
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		<input checked="" type="radio"/>
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2	≤850		<input checked="" type="radio"/>
	3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤1400		<input checked="" type="radio"/>
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		<input type="radio"/>
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		<input type="radio"/>
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		<input type="radio"/>
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		<input type="radio"/>
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		<input type="radio"/>
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		<input type="radio"/>
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		<input type="radio"/>
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		<input type="radio"/>
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		<input checked="" type="radio"/>
	2.0790 CuNi18Zn19Pb	≤850		<input checked="" type="radio"/>
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10	≤850		<input checked="" type="radio"/>
	2.0980 CuAl11Ni, 2.1247 CuBe2	≤1000		<input checked="" type="radio"/>
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		<input type="radio"/>
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		<input type="radio"/>
Mat. plast. a fibre aramidiche	Kevlar	≤1000		<input type="radio"/>
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		<input type="radio"/>

 lucide

 trattati a vapore

 fasi nitrate

 bruno-dorate

 MolyGlide

≤4xD ≤7xD

≤5xD ≤8xD ≤15xD

87011
87016
1899
HSS-E-PM
○
N

84810
1899
HSS-E-PM
Ⓣ
N

89281
N. di fab.
int. in MD
K10/K20
○
N

86402
N. di fab.
int. in MD
K/P
Ⓐ
N

86400	86401
N. di fab.	N. di fab.
int. in MD	int. in MD
K/P	K/P
Ⓐ	Ⓐ
N	N

86405	86408	86412
N. di fab.	N. di fab.	N. di fab.
int. in MD	int. in MD	int. in MD
K/P	K/P	K/P
Ⓐ	Ⓐ	Ⓐ
N	N	N
assiale	assiale	assiale



V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	V _c m/min	Num. col. avanzam.	
21	106	27	106	50	105	100	62	100	64	105	62	58
18	105	23	105	35	104	100	62	100	64	100	62	58
18	106	23	106	50	105	100	62	100	64	105	62	59
16	105	21	105	45	104	90	61	90	63	90	61	59
20	105	26	105	45	104	90	62	90	64	95	62	58
18	105	23	105	35	104	90	62	90	64	95	62	58
14	104	18	104	30	103	90	61	90	63	90	61	58
14	104	18	104	30	103	90	61	90	63	90	61	58
12	103	16	103	30	103	70	60	70	62	70	60	58
18	106	23	106	50	103	100	61	100	63	100	61	57
14	104	18	104	40	103	85	61	85	63	85	61	58
12	103	16	103	40	103	70	60	70	62	70	60	58
14	104	18	104	25	103	70	60	70	62	70	60	57
12	103	16	103	25	103	60	60	60	62	60	60	57
16	104	20	104	25	103	50	60	50	62	50	60	58
14	103	18	103	60	60	60	60	60	62	50	60	58
14	103	18	103	60	60	60	60	60	57	50	57	57
8	102	10	102	20	102	60	57	60	57	50	57	57
				15	104							
18	104	20	104	25	103			30	57	70	57	57
14	103	16	103	25	102			15	56	60	56	56
16	103	18	103	25	102			30	57	70	57	57
26	106	33	106	80	105	130	66	130	68	150	60	60
22	106	28	106	60	105	130	66	130	68	140	60	60
18	106	23	106	60	105	130	66	130	68	140	60	60
22	106	28	106	50	105	120	65	120	67	130	60	60
				15	103			10	56	25	56	56
				45	104			15	56	35	56	56
				25	104			15	56	35	56	56
				160	107			70	68	70	68	68
				150	106			70	68	70	68	68
26	107			100	106			135	59	135	59	59
18	106			60	106			135	59	135	59	59
75	106	80	106	150	105							
42	105	53	105	50	105							
				67	106							
22	105	28	105	44	104							
22	104	28	104	68	103							
18	104	23	104	49	103							
13	104	16	104	53	103							
		14	104	36	103							
16	104	20	104	50	103							
18	104	23	104	36	103							
				60	104							

Ⓐ TiAIN

ⓐ AITiN nano

Ⓐ AITiN

Ⓒ TiCN

Ⓕ FIRE

Ⓣ TiN

Ⓝ TiAlSiN

RECOMMENDATIONS FOR USING TS-DRILLS = 3XD

Tabella N. 35

Articolo nr.

Norma/DIN

Materiale tagliente

Tipo di metallo duro

Tratt. di superficie

Tipo

Forma dell'attacco

Refrigerazione

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- Emulsione

Direzione di taglio:

- destre
- sinistre



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigeracion
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2) 1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤500 ≤1000		<input type="radio"/>
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36) 1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤850 ≤1000		<input type="radio"/>
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30) 1.0503 C45, 1.1191 C45E (Ck45) 1.0601 C60, 1.1221 C60E (Ck60)	≤700 ≤850 ≤1000		<input type="radio"/>
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4 1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1000 ≤1400		<input type="radio"/>
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		<input type="radio"/>
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6 1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1000 ≤1400		<input checked="" type="radio"/>
Acciai nitratati	1.8504 34CrAl6 1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1000 ≤1400		<input type="radio"/>
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9 1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤850 ≤1400		<input type="radio"/>
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		<input type="radio"/>
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	<input checked="" type="radio"/>
Acciai temprati	-		≤48 HRC ≤66 HRC	<input checked="" type="radio"/>
Acciai inossidabili, allo zolfo austenitici martensitici	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9 1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A) 1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤900 ≤1100 ≤1500		<input checked="" type="radio"/>
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20) 0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤240 HB ≤350 HB	<input type="radio"/>
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35) 0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤240 HB ≤350 HB	<input type="radio"/>
Ghisa in conchiglia	-		≤350 HB	<input type="radio"/>
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35) EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤220 HB ≤300 HB	<input type="radio"/>
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000) EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1000 ≤1400		<input type="radio"/>
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		<input checked="" type="radio"/>
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2 3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤850 ≤1400		<input checked="" type="radio"/>
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		<input type="radio"/>
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		<input type="radio"/>
Leghe di alu-ghisa < 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		<input type="radio"/>
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		<input type="radio"/>
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		<input type="radio"/>
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		<input type="radio"/>
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		<input type="radio"/>
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		<input type="radio"/>
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		<input checked="" type="radio"/>
	2.0790 CuNi18Zn19Pb	≤850		<input type="radio"/>
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10 2.0980 CuAl11Ni, 2.1247 CuBe2	≤850 ≤1000		<input checked="" type="radio"/>
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		<input type="radio"/>
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		<input type="radio"/>
Mat. plast. a fibre aramidiche	Kevlar	≤1000		<input type="radio"/>
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		<input type="radio"/>

Lucide

trattati a vapore

fasi nitrate

bruno-dorate

MolyGlide

≤3xD

89306
6538K
MD
T
80U
HE

89264	89237
6537K	6539
int. MD	
K/P	K/P
T	T
100U	100U
HE	DZ

89422
6537K
int. MD
Y
100H
HA

89413	89402	89401
6537K	6537K	6539
int. MD		
K/P	K/P	K/P
F	F	F
100U	100U	100U
HA	HE	DZ

89450	89550
6537K	6537K
int. MD	int. MD
K/P	K/P
a	a
100INOX	100INOX
HA	HE
assiale	assiale

89266
6537K
int. MD
K/P
T
100U
HE
assiale



Vc m/min	Num. col. avanzam.	Vc m/min	Num. col. avanzam.	Vc m/min	Num. col. avanzam.	Vc m/min	Num. col. avanzam.			Vc m/min	Num. col. avanzam.	Vc m/min	Num. col. avanzam.	
95	6	100	6	130	7	130	7	7	7			110	6	
80	5	85	5	110	6	110	6	6	6			90	5	
95	7	110	7	145	8	145	8	8	8			130	7	
75	6	85	6	110	7	110	7	7	7			110	7	
80	6	90	6	120	7	120	7	7	7			100	7	
75	6	85	6	110	7	110	7	7	7			95	6	
70	6	80	6	105	7	105	7	7	7			90	6	
75	6	80	6	105	7	105	7	7	7			90	6	
60	5	75	5	100	6	100	6	6	6			80	6	
90	7	100	7	130	8	130	8	8	8			110	7	
75	6	90	6	120	7	120	7	7	7			90	6	
60	5	65	4	85	5	85	5	5	5			65	4	
75	6	75	5	100	6	100	6	6	6			85	6	
60	5	70	4	90	5	90	5	5	5			80	5	
45	5	50	5	65	6	65	6	6	6			60	5	
35	5	40	4	55	5	55	5	5	5			50	4	
40	4			55	4							45	3	
		35	2	45	3	45	3	3	3			45	2	
		35	1	40	1	40	1	1	1			40	2	
		20	1	20	1	20	1	1	1			20	1	
40	2	40	2	40	2	40	2	2	2	80	5	45	4	
35	2	15	1	15	1	15	1	1	1	60	2-3	40	2	
35	2	35	2	35	2	35	2	2	2	80	5	35	4	
150	7	160	7			210	8	8	8			160	8	
110	7	120	7			155	8	8	8			120	8	
110	7	120	6			155	7	7	7			100	8	
90	6	95	6			125	7	7	7			95	7	
		25	2			35	3	3	3			30	2	
		20	3	25	4	25	4	4	4	30	4	4	25	3
		15	1	15	1	15	1	1	1	45	4	4	35	3
		15	1	15	1	15	1	1	1	40	3	3	30	2
200	8	200	8			260	9	9	9			240	8	
200	8	200	8			260	9	9	9			240	8	
170	8	170	8			220	8	8	8			200	8	
140	7	140	7			180	8	8	8			170	8	
		200	7			260	8	8	8			230	7	
		80	6			105	7	7	7			95	6	
		210	7			270	8	8	8			250	7	
		140	6			180	7	7	7			170	6	
		80	5			105	6	6	6			95	6	
		65	5			85	6	6	6			80	5	
		60	4			80	5	5	5			70	5	
		45	4			60	5	5	5			60	5	

A TiAIN

a AiTiN nano

A AiTiN

C TiCN

F FIRE

T TiN

Y TiAISIN

RECOMMENDATIONS FOR USING TS-DRILLS = 5XD

Tabella N. 36

Articolo nr.

Norma/DIN

Materiale tagliente

Tipo di metallo duro

Tratt. di superficie

Tipo

Forma dell'attacco

Refrigerazione

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- Emulsione

Direzione di taglio:

- destra
- sinistra



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigeracion
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2) 1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤500 ≤1000		<input type="radio"/>
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36) 1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤850 ≤1000		<input type="radio"/>
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30) 1.0503 C45, 1.1191 C45E (Ck45) 1.0601 C60, 1.1221 C60E (Ck60)	≤700 ≤850 ≤1000		<input type="radio"/>
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4 1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1000 ≤1400		<input type="radio"/>
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		<input type="radio"/>
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6 1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1000 ≤1400		<input checked="" type="radio"/>
Acciai nitratati	1.8504 34CrAl6 1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1000 ≤1400		<input checked="" type="radio"/>
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9 1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤850 ≤1400		<input checked="" type="radio"/>
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		<input checked="" type="radio"/>
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	<input checked="" type="radio"/>
Acciai temprati	-		≤48 HRC ≤66 HRC	<input checked="" type="radio"/>
Acciai inossidabili, allo zolfo austenitici martensitici	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9 1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A) 1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤900 ≤1100 ≤1500		<input checked="" type="radio"/>
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20) 0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤240 HB ≤350 HB	<input type="radio"/>
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35) 0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤240 HB ≤350 HB	<input type="radio"/>
Ghisa in conchiglia	-		≤350 HB	<input type="radio"/>
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35) EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤220 HB ≤300 HB	<input type="radio"/>
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000) EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1000 ≤1400		<input type="radio"/>
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		<input checked="" type="radio"/>
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2 3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤850 ≤1400		<input checked="" type="radio"/>
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		<input type="radio"/>
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		<input type="radio"/>
Leghe di alu-ghisa < 10 % Si	3.2131 G-ALSi5Cu1, 3.2153 G-ALSi7Cu3, 3.2573 G-ALSi9	≤600		<input type="radio"/>
> 10 % Si	3.2581 G-ALSi12, 3.2583 G-ALSi12Cu, - G-ALSi12CuNiMg	≤600		<input type="radio"/>
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		<input type="radio"/>
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		<input type="radio"/>
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		<input type="radio"/>
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		<input type="radio"/>
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn 2.0790 CuNi18Zn19Pb	≤600 ≤850		<input checked="" type="radio"/>
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10 2.0980 CuAl11Ni, 2.1247 CuBe2	≤850 ≤1000		<input checked="" type="radio"/>
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		<input type="radio"/>
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		<input type="radio"/>
Mat. plast. a fibre aramidiche	Kevlar	≤1000		<input type="radio"/>
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		<input type="radio"/>

- lucide
- trattati a vapore
- fasi nitrate
- bruno-dorate
- MolyGlide

≤5xD

89275
WN
int. MD
K/P
T
100U
DZ

89414	89417
13884	13887
6537L	6537L
int. MD	int. MD
K/P	K/P
F	F
100U	100U
HA	HE

89307
6538M
MD
P
T
80U
HE
assiale

89411	89408
13886	6537L
6537L	6537L
int. MD	int. MD
K/P	K/P
F	F
100U	100U
HA	HE
assiale	assiale

89425	89426
6537L	6537L
int. MD	int. MD
Y	Y
100H	100H
HA	HE
assiale	assiale



V _c m/min	Num. col. avanzam.
100	6
85	5
110	7
85	6
90	6
85	6
80	6
80	6
75	5
100	7
90	6
65	4
75	5
70	4
50	5
40	4
35	2
35	1
20	1
40	2
15	1
35	2
160	7
120	7
120	6
95	6
25	2
20	3
15	1
15	1
200	8
200	8
170	8
140	7
200	7
80	6
210	7
140	6
80	5
65	5
60	4
45	4

V _c m/min	Num. col. avanzam.	
130	7	7
110	6	6
145	8	8
110	7	7
120	7	7
110	7	7
105	7	7
105	7	7
100	6	6
130	8	8
120	7	7
85	5	5
100	6	6
90	5	5
65	6	6
55	5	5
45	3	3
35	1	1
20	1	1
40	2	2
15	1	1
35	2	2
210	8	8
155	8	8
145	7	7
125	7	7
35	3	3
25	4	4
15	1	1
15	1	1
260	9	9
260	9	9
235	9	9
170	8	8
260	8	8
105	7	7
270	8	8
180	7	7
105	6	6
105	6	6
80	5	5
60	5	5

V _c m/min	Num. col. avanzam.
95	5
80	4
95	6
75	5
80	5
75	5
75	5
55	4
90	6
75	5
55	4
70	5
55	4
40	4
35	4
40	3
40	2
35	2
35	2
150	6
110	6
110	6
90	5
200	7
200	7
170	7
140	6

V _c m/min	Num. col. avanzam.	
145	7	7
120	6	6
170	8	8
145	8	8
130	8	8
125	7	7
120	7	7
120	7	7
105	7	7
145	8	8
120	7	7
105	7	7
145	8	8
120	7	7
85	5	5
105	7	7
100	5	5
70	6	6
55	5	5
60	5	5
60	3	3
55	2	2
35	2	2
60	5	5
55	5	5
45	5	5
195	9	9
160	9	9
140	9	9
130	8	8
40	3	3
35	4	4
45	4	4
40	3	3
310	9	9
310	9	9
260	9	9
220	9	9
280	8	8
125	7	7
325	8	8
220	7	7
125	7	7
105	6	6
90	6	6
80	6	6

V _c m/min	Num. col. avanzam.	
145	7	7
120	6	6
170	8	8
145	8	8
130	8	8
125	7	7
120	7	7
120	7	7
105	7	7
145	8	8
120	7	7
85	5	5
110	7	7
105	5	5
80	6	6
65	5	5
60	4	4
60	3	3
55	3	3
35	2	2
35	4	4
45	4	4
40	3	3

A TiAIN

a AiTiN nano

A AiTiN

C TiCN

F FIRE

T TiN

Y TiAlSiN

RECOMMENDATIONS FOR USING TS-DRILLS = 5XD = 7XD = 10XD = 12XD

Tabella N. 37

Articolo nr.

Norma/DIN

Materiale tagliente

Tipo di metallo duro

Tratt. di superficie

Tipo

Forma dell'attacco

Refrigerazione

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento								
	1	2	3	4	5	6	7	8	9
	f (mm/giro)								
0,50	0,004	0,006	0,007	0,008	0,010	0,012	0,014	0,016	0,019
1,00	0,006	0,008	0,012	0,014	0,016	0,018	0,020	0,023	0,025
2,00	0,020	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125
2,50	0,025	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160
3,15	0,032	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,160
4,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,200
5,00	0,040	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250
6,30	0,050	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315
8,00	0,063	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,315
10,00	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,400
12,50	0,080	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500
16,00	0,100	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630
20,00	0,125	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,630
25,00	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	0,800
31,50	0,160	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000
40,00	0,200	0,250	0,315	0,400	0,500	0,630	0,800	1,000	1,250
50,00	0,250	0,310	0,400	0,500	0,630	0,800	1,000	1,250	1,250
63,00	0,315	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600
80,00	0,400	0,500	0,630	0,800	1,000	1,250	1,600	1,600	2,000

Refrigerante:

- Aria
- Olio
- ◐ Emulsione

Direzione di taglio:

- destre
- sinistre



Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigeracion
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2) 1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤500 ≤1000		○
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36) 1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤850 ≤1000		○
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30) 1.0503 C45, 1.1191 C45E (Ck45) 1.0601 C60, 1.1221 C60E (Ck60)	≤700 ≤850 ≤1000		○
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4 1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1000 ≤1400		○
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		○
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6 1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1000 ≤1400		●
Acciai nitratati	1.8504 34CrAl6 1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1000 ≤1400		○
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9 1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤850 ≤1400		○
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		○
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	○
Acciai temprati	-		≤48 HRC ≤66 HRC	○
Acciai inossidabili, allo zolfo austenitici martensitici	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9 1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A) 1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤900 ≤1100 ≤1500		○
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20) 0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤240 HB ≤350 HB	○
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35) 0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤240 HB ≤350 HB	○
Ghisa in conchiglia	-		≤350 HB	○
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35) EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤220 HB ≤300 HB	○
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000) EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1000 ≤1400		○
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		○
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2 3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤850 ≤1400		○
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		○
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		○
Leghe di alu-ghisa < 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		○
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		○
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		○
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		○
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		○
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		○
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn 2.0790 CuNi18Zn19Pb	≤600 ≤850		○
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10 2.0980 CuAl11Ni, 2.1247 CuBe2	≤850 ≤1000		○
Mat. plastiche termoidurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		○
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		○
Mat. plast. a fibre aramidiche	Kevlar	≤1000		○
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		○

○ lucide ○ trattati a vapore ○ fasi nitrate ○ bruno-dorate ○ MolyGlide

≤5xD

89239	89247
6539	6537L
int. MD	
K	K
○	○
TS 3 G	TS 3 G
DZ	HA

≤7xD

89308	
6538L	
int. MD	
P	
Ⓣ	
80U	
HE	

89294	
WN	
int. MD	
K	
○	
150GG	
HA	
assiale	

89421	
WN	
int. MD	
K/P	
ⓕ	
100R	
HA	
assiale	

89412	
13888	89416
WN	WN
int. MD	
K/P	K/P
ⓕ	ⓕ
100U	100U
HA	HE
assiale	assiale

89427	
WN	
int. MD	
Y	
100H	
HA	
assiale	

≤10xD

89293	89295
WN	WN
int. MD	
K	K
○	○
150GG	150GG
HA	HA
assiale	assiale

≤12xD

89418	
WN	
int. MD	
K/P	
ⓕ	
100U	
HA	
assiale	



v _c m/min	Num. col. avanzam.	v _c m/min	Num. col. avanzam.	v _c m/min	Num. col. avanzam.	v _c m/min	Num. col. avanzam.	v _c m/min	Num. col. avanzam.	v _c m/min	Num. col. avanzam.	v _c m/min	Num. col. avanzam.	
		95	4					145	6	145	6			
		75	3					120	5	120	5			
		90	5					170	7	170	7			
		75	4					145	7	145	7			
		80	4					130	7	130	7			
		75	4					125	6	125	6			
		60	4					120	6	120	6			
		75	4					120	6	120	6			
		60	3					105	6	105	6			
		90	5					145	7	145	7			
		75	4					120	6	120	6			
		55	3					85	4	85	4			
		75	4					110	6	110	6			
		55	3					105	4	105	4			
		40	3					80	5	80	5			
		35	3					65	4	65	4			
		40	2					60	4	60	3			
								60	2	60	2			
								55	2	55	2			
								35	1	35	1			
		35	1					60	4	60	4			
		33	1					55	2	55	2			
		25	1					45	4	45	4			
100	6	6	5	120	6	210	8	195	8	195	8	120	6	
80	6	6	5	100	6	160	8	160	8	160	8	100	6	
80	6	6	110	5	90	6	160	140	8	140	8	90	6	
70	6	6	90	4	80	6	130	130	7	130	7	80	6	
				40	2			40	2	40	2	40	2	
						130	7							
						100	7							
						80	7							
						60	7							
								35	3	35	3			
								40	3	45	3			
								40	2	40	4			
180	7	7	180	6	410	8	310	8	310	8	410	8	150	8
160	7	7	180	6	410	8	310	8	310	8	410	8	150	8
150	7	7	160	6	380	8	260	8	260	8	380	8	150	8
120	6	6	130	5	330	8	220	8	220	8	330	8	120	8
180	6	6					280	7	280	7			150	7
							125	6	125	6			80	6
180	6	6					325	7	325	7			120	7
							220	6	220	6			120	6
							125	6	125	6			40	6
							105	5	105	5			40	6
							90	5	90	5				
							80	5	80	5			40	5

A TiAIN

a AiTiN nano

A AiTiN

C TiCN

F FIRE

T TiN

Y TiAISIN

RECOMMENDATIONS FOR USING THE MULTIPLEX INTERCHANGEABLE INSERT SYSTEM
Tabella N. 38
Articolo nr.
Ø
Materiale tagliente
Topologia MD
Categoria di MD
Tratt. di superficie

HARTNER

I numeri in grassetto della colonna avanzamento indicano gli utensili da preferire.

Ø utensile mm	Num. colonna avanzamento					
	1	2	3	4	5	6
	f (mm/giro)					
10,00	0,08	0,09	0,11	0,14	0,19	0,24
12,50	0,09	0,11	0,13	0,17	0,22	0,28
16,00	0,11	0,13	0,16	0,21	0,27	0,34
20,00	0,13	0,15	0,19	0,25	0,32	0,40
25,00	0,16	0,18	0,23	0,29	0,38	0,48
31,50	0,19	0,22	0,27	0,35	0,45	0,57
40,00	0,23	0,26	0,33	0,42	0,54	0,69
50,00	0,27	0,31	0,39	0,50	0,64	0,82
63,00	0,32	0,38	0,47	0,60	0,77	0,98
102,00	0,40	0,48	0,59	0,74	0,85	1,20
150,00	0,59	0,70	0,87	1,09	1,25	1,76
100,00	0,78	0,93	1,16	1,45	1,67	2,35

Refrigerante:

 Aria

 Olio

 Emulsione

Direzione di taglio:

 destre

 sinistre

Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm ²	Durezza	Refrigerazione
Acciai da costruzione	1.0035 S185(St33), 1.0486 P275N(StE285), 1.0345 P235GH(H1), 1.0425 P265GH(H2) 1.0050 E295 (St50-2), 1.0070 E360 (St70-2), 1.8937 P500NH (WStE500)	≤500 ≤1000		<input type="radio"/> <input type="radio"/>
Acciai automatici	1.0718 11SMnPb30 (9SMnPb28), 1.0736 11SMn37 (9SMn36) 1.0727 46S20 (45S20), 1.0728 (60S20), 1.0757 46SPb20 (45SPb20)	≤850 ≤1000		<input type="radio"/> <input type="radio"/>
Acciai da bonifica non legati	1.0402 C22, 1.1178 C30E (Ck30) 1.0503 C45, 1.1191 C45E (Ck45) 1.0601 C60, 1.1221 C60E (Ck60)	≤700 ≤850 ≤1000		<input type="radio"/> <input type="radio"/> <input type="radio"/>
Acciai da bonifica legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4 1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1000 ≤1400		<input type="radio"/> <input type="radio"/>
Acciai da cementazione non legati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		<input type="radio"/>
Acciai da cementazione legati	1.7276 10CrMo11, 1.5125 11MnSi6 1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1000 ≤1400		<input type="radio"/> <input type="radio"/>
Acciai nitratati	1.8504 34CrAl6 1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1000 ≤1400		<input type="radio"/> <input type="radio"/>
Acciai utensili	1.1750 C75W, 1.2067 102Cr6, 1.2307 29CrMoV9 1.2080 X210Cr12, 1.2083 X42Cr13, 1.2419 105WCr6, 1.2767 X45NiCrMo4	≤850 ≤1400		<input type="radio"/> <input type="radio"/>
Acciai super rapidi	1.3243 S 6-5-2-5, 1.3343 S 6-5-2, 1.3344 S 6-5-3	≤1400		<input type="radio"/>
Acciai per molle	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB	<input type="radio"/>
Acciai temprati	-		≤48 HRC ≤66 HRC	<input type="radio"/> <input type="radio"/>
Acciai inossidabili, allo zolfo austenitici martensitici	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9 1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A) 1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤900 ≤1100 ≤1500		<input type="radio"/> <input type="radio"/> <input type="radio"/>
Ghise	0.6010 EN-GJL-100 (GG10), 0.6020 EN-GJL-200 (GG20) 0.6025 EN-GJL-250 (GG25), 0.6035 EN-GJL-350 (GG35)		≤240 HB ≤350 HB	<input type="radio"/> <input type="radio"/>
Ghise sferoidali, ghise temperate	0.7050 EN-GJS-500-7 (GGG50), 0.8035 EN-GJMW-350-4 (GTW35) 0.7070 EN-GJS-700-2 (GGG70), 0.8170 EN-GJMB-700-2 (GTS70)		≤240 HB ≤350 HB	<input type="radio"/> <input type="radio"/>
Ghisa in conchiglia	-		≤350 HB	<input type="radio"/>
Nuove ghise GGV	EN-GJV250 (GGV25), EN-GJV350 (GGV35) EN-GJV400 (GGV40), EN-GJV500 (GGV50), SiMo 6		≤220 HB ≤300 HB	<input type="radio"/> <input type="radio"/>
Nuove ghise ADI	EN-GJS-800-8 (ADI800), EN-GJS-1000-5 (ADI1000) EN-GJS-1200-2 (ADI1200), EN-GJS-1400-1 (ADI1400)	≤1000 ≤1400		<input type="radio"/> <input type="radio"/>
Leghe speciali	Nimonic, Inconel, Monel, Hastelloy	≤2000		<input type="radio"/>
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl6Sn2,5, 3.7124 TiCu2 3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤850 ≤1400		<input type="radio"/> <input type="radio"/>
Alluminio e leghe di alu	3.0255 Al99,5, 3.2315 AlMgSi1, 3.3515 AlMg1	≤400		<input type="radio"/>
Leghe di alu per lav. plastiche	3.0615 AlMgSiPb, 3.1325 AlCuMg1, 3.3245 AlMg3Si, 3.4365 AlZnMgCu1,5	≤650		<input type="radio"/>
Leghe di alu-ghisa ≤ 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9	≤600		<input type="radio"/>
> 10 % Si	3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600		<input type="radio"/>
Leghe di magnesio	3.5200 MgMn2, 3.5812.05 G-MgAl8Zn1, 3.5612.05 G-MgAl6Zn1	≤400		<input type="radio"/>
Rame legato in bassa %	2.0070 SE-Cu, 2.1020 CuSn6, 2.1096 G-CuSn5ZnPb	≤500		<input type="radio"/>
Ottone, a truciolo corto	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2	≤600		<input type="radio"/>
a truciolo lungo	2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600		<input type="radio"/>
Bronzi a truciolo corto	2.1090 CuSn7ZnPb, 2.1170 CuPb5Sn5, 2.1176 CuPb10Sn	≤600		<input type="radio"/>
	2.0790 CuNi18Zn19Pb	≤850		<input type="radio"/>
Bronzi a truciolo lungo	2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10	≤850		<input type="radio"/>
	2.0980 CuAl11Ni, 2.1247 CuBe2	≤1000		<input type="radio"/>
Mat. plastiche termodurenti	Resina epossidica, Resopal, Pertinax, Moltopren	≤150		<input type="radio"/>
Materie termoplastiche	Plexiglas, Hostalen, Novodur, Makralon	≤100		<input type="radio"/>
Mat. plast. a fibre aramidiche	Kevlar	≤1000		<input type="radio"/>
a fibre di vetro/C rinforzate	GFK/CFK	≤1000		<input type="radio"/>

 lucide

 trattati a vapore

 fasi nitrate

 bruno-dorate

 MolyGlide

86602
10...25
HSS-E-PM
T

86608
10...25
HSS-E-PM
F

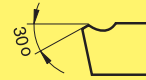
86609
10...102
HSS-E-PM
A

86708	86709
10...35	10...35
int. in MD	int. in MD
H22	H22
K20/K40	K20/K40
T	T

86701	86702
10...35	10...35
int. in MD	int. in MD
H22	H22
K20/K40	K20/K40
F	F

Articolo nr. 86709/86701
senza fase
per materiali fino a
ca. 600 N/mm²
di resistenza a trazione

Articolo nr. 86708/86702
con fase
per materiali da
ca. 600 N/mm²
di resistenza a trazione



v_c m/min	Num. col. avanzam.	v_c m/min	Num. col. avanzam.	v_c m/min	Num. col. avanzam.	v_c m/min	Num. col. avanzam.	v_c m/min	Num. col. avanzam.
40	4	48	4	48	4	60	5	70	5
35	4	42	4	42	4	55	4	65	4
50	5	60	5	60	5	100	4	115	4
40	5	50	5	50	5	95	4	105	4
40	4	45	4	45	4	80	4	90	4
35	4	40	4	40	4	80	4	90	4
30	4	35	4	35	4	75	3	85	3
25	3	28	3	28	3	70	4	80	4
22	2	25	2	25	2	60	3	70	3
35	3	40	3	40	3	85	4	95	4
25	3	28	3	28	3	70	4	80	4
22	2	25	2	25	2	55	3	65	3
22	3	25	3	25	3	60	3	65	3
15	2	18	2	18	2	50	2	55	2
26	3	28	3	28	3	40	3	45	3
22	2	25	2	25	2	35	2	40	2
12	2	18	2	18	2	40	2	45	2
10	2	13	2	13	2	35	2	40	2
						25	1	30	1
20	2	23	2	23	2	40	2	45	2
15	2	17	2	17	2				
15	2	20	2	20	2	25	2	30	2
35	4	40	4	40	4	100	5	120	5
35	4	40	4	40	4	90	4	105	4
35	4	40	4	40	4	80	4	90	4
28	4	33	4	33	4	65	3	75	3
						25	1	30	1
60	5	65	5	65	5	180	5	200	5
80	5	85	5	85	5	160	5	180	5
85	5	85	5	85	5	140	5	160	5
70	5	70	5	70	5	130	5	150	5
45	4	50	4	50	4	150	5	160	5
45	4	50	4	50	4	70	4	80	4
60	5	65	5	65	5	160	5	180	5
45	4	50	4	50	4	110	4	120	4
32	5	35	5	35	5	80	5	90	5
40	3	45	3	45	3	65	4	75	4
36	3	40	3	40	3	45	4	50	4
28	3	32	3	32	3	35	4	40	4
22	3	27	3	27	3	70	3	85	3
						70	3	85	3
						70	3	85	3
						70	3	85	3

A TiAIN

a AlTiN nano

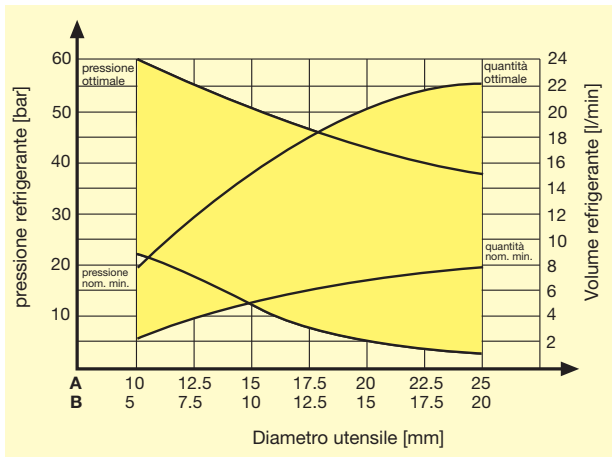
A AlTiN

C TiCN

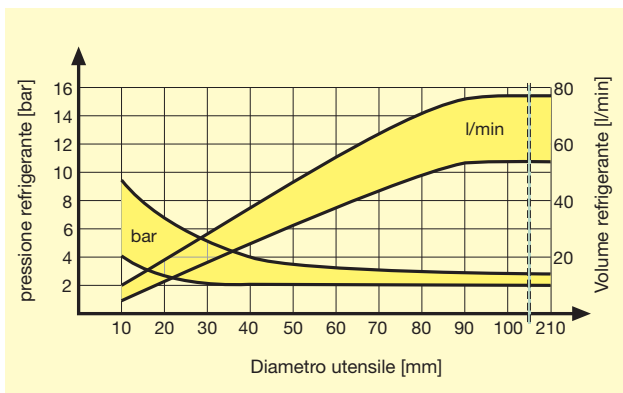
F FIRE

T TiN

Y TiAlSiN

**DIAGRAMS OF THE REFRIGERANT
REFRIGERANT PRESSURE AND VOLUMES**
Tabella N. 39
Per punte elicoidali in metallo duro con fori di refrigerazione


A = Diametri per utensili con condotto refrigerante centrale
B = Diametri per utensili con condotto refrigerante elicoidale


Per punte con placchette intercambiabili, sistema Multiplex con fori di refrigerazione


Nella foratura con placchette intercambiabili in HSS-E e MD l'emulsione serve come lubrorefrigerante. Il rapporto di miscelazione è quello usuale di 1:20.

Di decisiva importanza è un efficiente gruppo refrigerante. Una pressione e quantità del refrigerante non sufficienti possono provocare un risultato di foratura insoddisfacente e persino la rottura dell'utensile.

La quantità delle particelle della sostanza solida possibilmente non deve superare i 50 µm.

FRONT CUTTERS - NUMBER OF REVOLUTIONS AND ADVANCEMENT (ORIENTATION VALUES)
Tabella N. 40

Materiale da lavorare	Acciaio non legato <50 kg/mm ²		Acciaio non legato 50-70 kg/mm ²		Acciaio legato 70-100 kg/mm ² Ghisa<GG25		Acciaio legato 100-130 kg/mm ² Acciaio al cromo Ghisa<GG25		Bronzo ottone duro MS 63		Rame Leghe Alluminio Alluminio al silicio SI < 12%		Ottone MS 58		Alluminio ricott. Zama	
	V = 32 m/min.		V = 25 m/min.		V = 18 m/min.		V = 13 m/min.		V = 35 m/min.		V = 50 m/min.		V = 70 m/min.		V = 160 m/min	
Ø	n	s	n	s	n	s	n	s	n	s	n	s	n	s	n	s
2	5000	28	4000	22	2800	14	2000	11	5600	32	8000	32	11200	63	25000	100
3	3150	28	2800	25	2000	18	1400	13	4000	36	5600	32	7100	63	16000	100
4	2500	32	2000	25	1400	18	1000	13	2800	36	4000	32	5600	63	12500	100
5	2000	36	1600	28	1120	18	800	13	2240	40	3150	36	4500	80	10000	125
6	1600	63	1400	56	1000	40	710	28	1800	71	2800	71	3550	140	8000	200
7	1400	63	1120	56	800	40	560	28	1600	80	2240	71	3150	140	7100	224
8	1250	71	1000	63	710	40	500	32	1400	80	2000	80	2800	160	6300	250
9	1120	80	900	63	630	45	450	32	1250	90	1800	80	2500	180	5600	250
10	1000	112	800	90	560	45	400	32	1120	125	1600	90	2240	250	5000	280
12	800	125	710	112	500	80	355	56	900	140	1400	112	1800	280	4000	315
14	710	140	560	112	400	80	280	56	800	160	1120	112	1600	315	3550	355
16	630	160	500	125	355	90	250	63	710	180	1000	148	1400	355	3150	560
18	560	160	450	125	315	90	224	63	630	180	900	180	1250	355	2800	560
20	500	140	400	112	280	80	200	56	560	160	800	160	1120	315	2500	500
22	450	140	355	112	250	80	180	56	500	160	710	160	1000	315	2240	500
25	400	140	315	112	224	80	160	56	450	160	630	140	900	315	2000	450
28	355	125	280	112	200	71	140	56	400	160	560	112	800	280	1800	400
30	315	125	280	112	200	71	140	56	400	160	560	140	710	280	1800	450
32	315	125	250	100	180	71	125	50	355	140	500	125	710	280	1600	400

ROUGHING CUTTERS - NUMBER OF REVOLUTION AND ADVANCEMENT
Tabella N. 41

Ø	V = 32 m/min.		V = 25 m/min.		V = 18 m/min.		V = 13 m/min.		V = 35 m/min.		V = 50 m/min.		V = 70 m/min.		V = 160 m/min	
	n	s	n	s	n	s	n	s	n	s	n	s	n	s	n	s
10	1000	45	800	40	560	32	400	20	1120	50	1600	71	2240	71		
12	800	50	710	45	500	36	355	25	900	56	1400	80	1800	90		
14	710	50	560	45	400	36	280	25	800	56	1120	80	1600	90		
16	630	50	500	45	355	36	250	25	710	56	1000	80	1400	90		
18	560	56	450	50	315	40	224	28	630	63	900	90	1250	100		
20	500	56	400	50	280	40	200	28	560	63	800	90	1120	100		
22	450	56	355	50	250	40	180	28	500	63	710	90	1000	100		
25	400	63	315	56	224	45	160	32	450	71	630	100	900	112		
28	355	63	280	56	200	45	140	32	400	71	560	100	800	112		
30	315	63	280	56	200	45	140	36	400	80	560	112	710	112		
32	315	63	250	56	180	45	125	36	355	80	500	112	710	112		

Non usare

V = velocità di taglio in m/min.
n = numeri giri al min.
s = avanzamento in mm/min.

TAPERED DRILLS - NUMBER OF REVOLUTIONS/MINUTES (ORIENTATION VALUES)
Tabella N. 42

Materiale da lavorare	Art. 8884 G 8885 G Gr. 0	Art. 8884 G 8885 G Gr. 1	Art. 8884 G 8885 G Gr. 2	Art. 8884 G 8885 G Gr. 3	Art. 8884 G 8885 G Gr. 4	Art. 8884 G 8885 G Gr. 5	Art. 8886 G 8887 G
Spessore lamiera acciaio da mm 0,1 a 2	1000 - 500	800 - 400	400 - 200	250 - 150	200 - 100	100 - 50	800 - 200
Spessore lamiera INOX da mm 0,1 a 1	700 - 300	400 - 200	200 - 100	150 - 80	80 - 50	60 - 40	700 - 100
Spessore materiali non ferrosi da mm 0,1 a 5	2000 - 1500	1500 - 800	1000 - 500	500 - 300	300 - 200	200 - 100	1500 - 500
Spessore plastica fino a mm 10	3000 - 2000	2000 - 1500	1500 - 1000	1000 - 500	500 - 200	400 - 200	2000 - 1000

CUTTING SPEED, FEEDS, RPM FOR HSS REAMERS
Tabella N. 43/a
In acciaio super rapido HSS
 Valori indicativi consigliabili per lavorazioni

Materiale	Velocità di taglio = v Avanzamento = s Numero dei giri = n	Ø alesatore								
		mm								
		5	8	10	15	20	25	30	40	50
Acciai non legati fino a 800 N/mm ²	v = m/min. s = mm/giro n = giri/min.	10 ÷ 12								
		0,1	0,13	0,15	0,2	0,25	0,25	0,30	0,35	0,40
		700	440	350	232	176	137	115	88	71
Acciai non legati fino a 1000 N/mm ² Acciai da bonifica	v = m/min. s = mm/giro n = giri/min.	4 ÷ 6								
		0,08	0,1	0,1	0,15	0,20	0,25	0,30	0,35	0,40
		378	198	159	106	80	64	53	40	32
Acciai legati Acciai resistenti a corrosioni da acidi (INOX)	v = m/min. s = mm/giro n = giri/min.	4 ÷ 6								
		0,08	0,1	0,1	0,15	0,20	0,25	0,30	0,35	0,40
		378	198	159	106	80	64	53	40	32
Acciai resistenti al calore	v = m/min. s = mm/giro n = giri/min.	8 ÷ 10								
		0,18	0,20	0,23	0,25	0,30	0,30	0,35	0,40	0,45
		578	305	288	191	143	115	95	73	58
Ghisa grigia fino a 250 N/mm ²	v = m/min. s = mm/giro n = giri/min.	8 ÷ 10								
		0,18	0,20	0,23	0,25	0,30	0,30	0,35	0,40	0,45
		578	385	288	191	143	115	95	72	58
Ghisa grigia oltre 250 N/mm ²	v = m/min. s = mm/giro n = giri/min.	4 ÷ 6								
		0,12	0,15	0,17	0,20	0,25	0,25	0,30	0,35	0,40
		318	198	159	106	80	64	53	40	32
Fusioni di acciaio Ghisa malleabile Ghisa sferoidale	v = m/min. s = mm/giro n = giri/min.	8 ÷ 10								
		0,18	0,20	0,23	0,25	0,30	0,30	0,35	0,40	0,45
		572	385	288	191	143	115	95	72	58
Rame	v = m/min. s = mm/giro n = giri/min.	8 ÷ 12								
		0,15	0,18	0,20	0,25	0,30	0,30	0,35	0,40	0,45
		636	398	318	212	158	127	106	80	54
Rame elettrolitico	v = m/min. s = mm/giro n = giri/min.	8 ÷ 10								
		0,18	0,20	0,23	0,25	0,30	0,30	0,35	0,40	0,45
		572	385	288	191	143	115	95	72	58
Ottone a truciolo corto	v = m/min. s = mm/giro n = giri/min.	10 ÷ 12								
		0,2	0,25	0,30	0,35	0,40	0,40	0,45	0,50	0,60
		700	440	350	232	176	137	115	88	71
Ottone a truciolo lungo	v = m/min. s = mm/giro n = giri/min.	12 ÷ 14								
		0,2	0,25	0,30	0,35	0,40	0,40	0,45	0,50	0,60
		828	518	413	276	207	166	132	104	83
Bronzo tenero Bronzo di fusione Bronzo allo zinco	v = m/min. s = mm/giro n = giri/min.	15 ÷ 25						20 ÷ 30		
		0,2	0,26	0,30	0,35	0,40	0,40	0,45	0,50	0,60
		1272	798	637	425	318	255	265	199	159
Bronzo duro	v = m/min. s = mm/giro n = giri/min.	12 ÷ 14								
		0,2	0,25	0,30	0,35	0,40	0,40	0,45	0,50	0,60
		828	518	473	276	207	166	132	104	83
Leghe di alluminio a truciolo lungo	v = m/min. s = mm/giro n = giri/min.	15 ÷ 20								
		0,15	0,18	0,20	0,25	0,30	0,30	0,35	0,40	0,40
		1120	720	573	382	288	225	189	144	117
Leghe di alluminio silicio fino a 10%	v = m/min. s = mm/giro n = giri/min.	12 ÷ 14								
		0,2	0,25	0,30	0,35	0,40	0,40	0,45	0,50	0,60
		828	518	413	276	207	166	132	104	83
Leghe di alluminio silicio oltre 10%	v = m/min. s = mm/giro n = giri/min.	10 ÷ 12								
		0,15	0,18	0,20	0,25	0,30	0,30	0,35	0,40	0,40
		700	440	350	232	176	137	115	88	71
Leghe di magnesio	v = m/min. s = mm/giro n = giri/min.	15 ÷ 20								
		0,15	0,18	0,20	0,25	0,30	0,30	0,35	0,40	0,40
		1120	720	573	382	288	225	189	144	117
Leghe di zinco	v = m/min. s = mm/giro n = giri/min.	10 ÷ 12								
		0,15	0,18	0,20	0,25	0,30	0,30	0,35	0,40	0,40
		700	440	350	232	176	137	115	88	71
Leghe di nichel	v = m/min. s = mm/giro n = giri/min.	8 ÷ 12								
		0,15	0,18	0,20	0,25	0,30	0,30	0,35	0,40	0,45
		636	343	318	212	158	127	106	80	54
Leghe di titanio Acciaio - Tic Metalli Ampco	v = m/min. s = mm/giro n = giri/min.	4 ÷ 6								
		0,08	0,1	0,1	0,15	0,20	0,25	0,30	0,35	0,40
		318	198	159	106	80	64	53	40	32
Materiali sintetici termoplastici	v = m/min. s = mm/giro n = giri/min.	6 ÷ 10								
		0,25	0,30	0,35	0,40	0,45	0,50	0,55	0,60	0,60
		510	318	254	170	127	102	85	64	51
Materiali sintetici duri con cariche anorganiche	v = m/min. s = mm/giro n = giri/min.	4 ÷ 6								
		0,2	0,25	0,30	0,35	0,40	0,45	0,45	0,50	0,50
		318	198	159	106	80	64	53	40	32
Materiali sintetici con cariche organiche	v = m/min. s = mm/giro n = giri/min.	6 ÷ 10								
		0,25	0,30	0,35	0,40	0,45	0,50	0,55	0,60	0,60
		510	318	254	170	127	102	85	64	51

CUTTING SPEED, FEEDS, RPM FOR REAMERS WITH MD PLATES
Tabella N. 43/b

 con placchette riportate in metallo duro
 Valori indicativi consigliabili per lavorazioni

Materiale	Velocità di taglio = v Avanzamento = s Numero dei giri = n	Ø alesatore								
		mm								
		5	8	10	15	20	25	30	40	50
Acciaio fino a 700 N/mm ²	v = m/min. s = mm/giro n = giri/min.	10 ÷ 15								
		0,15	0,18	0,2	0,25	0,3	0,3	0,35	0,4	0,5
		796	498	398	266	198	159	133	100	80
Acciaio da 700 a 1000 N/mm ²	v = m/min. s = mm/giro n = giri/min.	8 ÷ 12								
		0,15	0,18	0,2	0,25	0,3	0,3	0,35	0,4	0,5
		636	398	318	212	158	127	106	80	64
Acciaio da 1000 a 1400 N/mm ²	v = m/min. s = mm/giro n = giri/min.	6 ÷ 10								
		0,12	0,15	0,15	0,18	0,2	0,2	0,25	0,3	0,4
		510	318	254	170	127	120	85	64	51
Acciaio fuso da 400 a 500 N/mm ²	v = m/min. s = mm/giro n = giri/min.	8 ÷ 12								
		0,15	0,18	0,2	0,25	0,3	0,3	0,35	0,4	0,5
		636	398	318	212	158	127	106	80	64
Acciaio fuso da 500 a 700 N/mm ²	v = m/min. s = mm/giro n = giri/min.	6 ÷ 10								
		0,12	0,15	0,15	0,18	0,2	0,2	0,25	0,3	0,4
		510	318	254	170	127	102	85	64	51
Ghisa grigia fino a 200 HB	v = m/min. s = mm/giro n = giri/min.	8 ÷ 12						10 ÷ 15		
		0,2	0,26	0,3	0,35	0,4	0,4	0,45	0,5	0,6
		636	398	318	212	158	127	133	100	80
Ghisa grigia, oltre 200 HB	v = m/min. s = mm/giro n = giri/min.	6 ÷ 10						8 ÷ 12		
		0,15	0,18	0,2	0,25	0,3	0,3	0,35	0,4	0,5
		510	318	254	170	127	102	106	80	64
Ghisa malleabile	v = m/min. s = mm/giro n = giri/min.	8 ÷ 12								
		0,15	0,18	0,2	0,25	0,3	0,3	0,35	0,4	0,5
		636	398	318	212	158	127	106	80	64
Rame	v = m/min. s = mm/giro n = giri/min.	20 ÷ 30						25 ÷ 40		
		0,3	0,36	0,4	0,45	0,5	0,5	0,55	0,6	0,7
		1592	995	796	531	398	318	345	259	207
Ottone, ottone rosso	v = m/min. s = mm/giro n = giri/min.	15 ÷ 25						20 ÷ 30		
		0,2	0,26	0,3	0,35	0,4	0,4	0,45	0,5	0,6
		1272	798	637	425	318	255	265	199	159
Fusioni di bronzo	v = m/min. s = mm/giro n = giri/min.	15 ÷ 25						20 ÷ 30		
		0,2	0,26	0,3	0,35	0,4	0,4	0,45	0,5	0,6
		1272	798	637	425	318	255	265	199	159
Metalli leggeri	v = m/min. s = mm/giro n = giri/min.	15 ÷ 25						20 ÷ 30		
		0,2	0,26	0,3	0,35	0,4	0,4	0,45	0,5	0,6
		1272	798	637	425	318	255	265	199	159
Materiali sintetici	v = m/min. s = mm/giro n = giri/min.	15 ÷ 25						20 ÷ 30		
		0,3	0,36	0,4	0,45	0,5	0,5	0,55	0,6	0,7
		1272	798	637	425	318	255	265	199	159

THREAD NOMENCLATURE
Tabella N. 44
DIMENSIONI:

Si misurano sulla sezione perpendicolare all'asse di avvitamento.

DIAMETRO:

Il diametro esterno corrisponde al diametro nominale della vite e viene misurato sulla cresta del filetto della vite.

DIAMETRO DEL NOCCILO:

Viene misurato sul fondo del filetto della vite.

PASSO:

Nella filettatura è la distanza parallela all'asse di avvitamento tra due creste consecutive.

NUMERO DEI FILETTI:

Numero di filetti per pollice (1" = mm 25,4).

$$\text{Numero filetti} = \frac{25,4 \text{ mm}}{\text{Passo in mm}}$$

ANGOLO DEL FILETTO:

Misurato in gradi, è l'angolo di cresta individuata da due fianchi contigui del filetto.

CRESTA:

Superficie passante per la sommità del filetto congiungente due fianchi.

FIANCO:

Superficie congiungente le creste al fondo.

FONDO:

Superficie passante per il fondo del filetto congiungente due fianchi.

ANGOLO DELL'ELICA:

Angolo individuato dall'elica del filetto intersecato da un piano perpendicolare all'asse di avvitamento.

PASSO DELL'ELICA:

Spostamento del filetto misurato sull'asse dopo un giro completo.

FILETTO SEMPLICE:

Passo dell'elica = Passo del filetto.

FILETTO A DUE PRINCIPI:

Passo dell'elica = 2 volte passo del filetto.

FILETTO A TRE PRINCIPI:

Passo dell'elica = 3 volte passo del filetto.

FILETTO A QUATTRO PRINCIPI:

Passo dell'elica = 4 volte passo del filetto.

FILETTO CILINDRICO:

Filetto con diametro costante per tutta la lunghezza della filettatura.

FILETTO CONICO:

Filetto con crescita costante del diametro sulla lunghezza della filettatura.

PRE-HOLES FOR FLUTELESS MACHINE TAP
Tabella N. 45/b

Filettatura Metrica ISO DIN 13			Filettatura Metrica Fine ISO DIN 13						Filettatura UNC ASME B1.1			Filettatura UNF ASME B1.1			Filettatura Withworth DIN EN ISO 228-1		
Diam. Ø	Passo mm	Diam. Preforo Ø mm	Diam. Ø	Passo mm	Diam. Preforo Ø mm	Diam. Ø	Passo mm	Diam. Preforo Ø mm	Diam. Ø	Filett. per poll	Diam. Preforo Ø mm	Diam. Ø	Filett. per poll	Diam. Preforo Ø mm	Diam. Ø	Filett. per poll	Diam. Preforo Ø mm
M 2	0.40	1.85	M 2.5	x 0.35	2.35	M 17	x 1.00	16.55	Nr. 1	- 64	1.68	Nr. 1	- 72	1.70	G 1/16	28	7.30
M 2.2	0.45	2.00	M 3	x 0.35	2.85	M 17	x 1.50	16.30	Nr. 2	- 56	1.98	Nr. 2	- 64	2.00	G 1/8	28	9.30
M 2.5	0.45	2.30	M 4	x 0.35	3.85	M 18	x 1.00	17.55	Nr. 3	- 48	2.28	Nr. 3	- 56	2.30	G 1/4	19	12.50
M 3	0.50	2.80	M 4	x 0.50	3.80	M 18	x 1.50	17.30	Nr. 4	- 40	2.55	Nr. 4	- 48	2.60	G 3/8	19	16.00
M 3.5	0.60	3.25	M 5	x 0.50	4.80	M 18	x 2.00	17.10	Nr. 5	- 40	2.90	Nr. 5	- 44	2.90	G 1/2	14	20.00
M 4	0.70	3.70	M 5.5	x 0.50	5.30	M 20	x 1.00	19.55	Nr. 6	- 32	3.15	Nr. 6	- 40	3.20	G 5/8	14	22.00
M 4.5	0.75	4.20	M 6	x 0.75	5.65	M 20	x 1.50	19.30	Nr. 8	- 32	3.80	Nr. 8	- 36	3.85	G 3/4	14	25.50
M 5	0.80	4.65	M 7	x 0.75	6.65	M 24	x 1.00	23.55	Nr. 10	- 24	4.35	Nr. 10	- 32	4.45	G 7/8	14	29.25
M 6	1.00	5.55	M 8	x 0.75	7.65	M 24	x 1.50	23.30	Nr. 12	- 24	5.00	Nr. 12	- 28	5.10	G 1	11	32.00
M 7	1.00	6.55	M 8	x 1.00	7.55	M 24	x 2.00	23.10	1/4	- 20	5.75	1/4	- 28	5.95	G 1 1/4	11	40.75
M 8	1.25	7.40	M 9	x 0.75	8.65	M 27	x 1.50	26.30	5/16	- 18	7.30	5/16	- 24	7.45			
M 9	1.25	8.40	M 9	x 1.00	8.55	M 30	x 1.50	29.30	3/8	- 16	8.80	3/8	- 24	9.05			
M 10	1.50	9.30	M 10	x 0.75	9.65	M 33	x 1.50	32.30	7/16	- 14	10.30	7/16	- 20	10.55			
M 11	1.50	10.30	M 10	x 1.00	9.55	M 36	x 1.50	35.30	1/2	- 13	11.80	1/2	- 20	12.10			
M 12	1.75	11.20	M 10	x 1.25	9.40	M 39	x 1.50	38.30	9/16	- 12	13.30	9/16	- 18	13.65			
M 14	2.00	13.10	M 11	x 0.75	10.65	M 42	x 1.50	41.30	5/8	- 11	14.80	5/8	- 18	15.25			
M 16	2.00	15.10	M 11	x 1.00	10.55				3/4	- 10	17.90	3/4	- 16	18.35			
M 18	2.50	16.90	M 12	x 1.00	11.55				7/8	- 9	21.00	7/8	- 14	21.40			
M 20	2.50	18.90	M 12	x 1.25	11.40				1	- 8	24.00	1	- 12	24.45			
M 22	2.50	20.90	M 12	x 1.50	11.30												
M 24	3.00	22.70	M 14	x 1.00	13.55												
M 27	3.00	25.70	M 14	x 1.25	13.40												
M 30	3.50	28.50	M 14	x 1.50	13.30												
M 33	3.50	31.50	M 15	x 1.00	14.55												
M 36	4.00	34.30	M 15	x 1.50	14.30												
M 39	4.00	37.30	M 16	x 1.00	15.55												
M 42	4.50	40.10	M 16	x 1.50	15.30												

HOLE DIAMETER FOR TAPPING
Tabella N. 45/c

M	Ø mm	Mf	Ø mm	Mf	Ø mm	BSW	Ø mm	UNC	Ø mm	UNF	Ø mm	PG	Ø mm	
M 1	0,25	0,97	M 3 x 0,35	2,94	M 24 x 2	22,82	W 1/4	6,16	No. 1-64	1,79	No. 0-80	1,47	PG 7	12,4
M 1,1	0,25	1,07	M 3,5 x 0,35	3,44	M 25 x 1	24,88	W 5/16	7,76	No. 2-56	2,12	No. 1-72	1,79	PG 9	15,1
M 1,2	0,25	1,17	M 4 x 0,35	3,94	M 25 x 1,5	24,85	W 3/8	9,30	No. 3-48	2,44	No. 2-64	2,12	PG 11	18,5
M 1,4	0,3	1,36	M 4 x 0,5	3,93	M 26 x 1	25,88	W 7/16	10,89	No. 4-40	2,76	No. 3-56	2,44	PG 13,5	20,3
M 1,6	0,35	1,54	M 5 x 0,5	4,93	M 26 x 1,5	25,85	W 1/2	12,43	No. 5-40	3,09	No. 4-48	2,77	PG 16	22,4
M (1,7)	0,35	1,64	M 6 x 0,5	5,93	M 27 x 1	26,88	W 9/16	13,92	No. 6-32	3,41	No. 5-44	3,10	PG 21	28,15
M 1,8	0,35	1,74	M 6 x 0,75	5,90	M 27 x 1,5	26,85	W 5/8	15,62	No. 8-32	4,07	No. 6-40	3,42	PG 29	36,85
M 2	0,4	1,93	M 7 x 0,75	6,90	M 27 x 2	26,82	W 3/4	18,76	No. 10-24	4,71	No. 8-36	4,08	PG 36	46,85
M 2,2	0,45	2,13	M 8 x 0,5	7,93	M 28 x 1,5	27,85	W 7/8	21,89	No. 12-24	5,37	No. 10-32	4,73	PG 42	53,85
M (2,3)	0,4	2,23	M 8 x 0,75	7,90	M 28 x 2	27,82	W 1"	25,08	1/4-20	6,22	No. 12-28	5,38	PG 48	59,15
M 2,5	0,45	2,43	M 8 x 1	7,83	M 30 x 1	29,88	W 1 1/8	28,21	5/16-18	7,80	1/4-28	6,24		
M (2,6)	0,45	2,53	M 9 x 1	8,88	M 30 x 1,5	29,85			3/8-16	9,37	5/16-24	7,82		
M 3	0,5	2,92	M 10 x 0,5	9,93	M 30 x 2	29,82	BSF	Ø	7/16-14	10,95	3/8-24	9,41	NPT	Ø
M 3	0,6	2,91	M 10 x 0,75	9,90	M 32 x 1,5	31,85		mm	1/2-13	12,52	7/16-20	10,98		mm
M 3,5	0,6	3,41	M 10 x 1	9,88	M 33 x 1,5	32,85			9/16-12	14,10	1/2-20	12,56	1/16	8,17
M 3,5	0,75	3,41	M 10 x 1,25	9,86	M 33 x 2	32,82	BSF 3/16	4,67	5/8-11	15,68	9/16-18	14,14	1/8	10,55
M 4	0,7	3,91	M 11 x 1	10,88	M 34 x 1,5	33,85	BSF 1/4	6,25	3/4-10	18,84	5/8-18	15,73	1/4	14,10
M 4	0,75	3,91	M 12 x 0,75	11,90	M 35 x 1,5	34,85	BSF 5/16	7,82	7/8-9	22	3/4-16	18,89	3/8	17,52
M 4,5	0,75	4,41	M 12 x 1	11,88	M 36 x 1,5	35,85	BSF 3/8	9,39	1"-8	25,16	7/8-14	22,05	1/2	21,85
M 5	0,8	4,90	M 12 x 1,25	11,86	M 36 x 2	35,82	BSF 7/16	10,97	1 1/8-7	28,31	1"-12	25,21	3/4	27,16
M 5	0,9	4,89	M 12 x 1,5	11,85	M 36 x 3	35,76	BSF 1/2	12,54	1 1/4-7	31,49	1 1/8-12	28,38	1"	34,16
M 6	1	5,88	M 13 x 1	12,88	M 38 x 1,5	37,85	BSF 9/16	14,12	1 3/8-6	34,63	1 1/4-12	31,56	1 1/4	42,74
M 7	1	6,88	M 13 x 1,5	12,85	M 39 x 1,5	38,85	BSF 5/8	15,71	1 1/2-6	37,81	1 3/8-12	34,73	1 1/2	48,87
M 8	1,25	7,87	M 13 x 1,75	12,83	M 39 x 2	38,82	BSF 3/4	18,85	1 3/4-5	44,12	1 1/2-12	37,91	2"	60,95
M 9	1,25	8,87	M 14 x 1	13,88	M 39 x 3	38,76	BSF 7/8	22,02	2"-4,5	50,45				
M 10	1,5	9,85	M 14 x 1,25	13,86	M 40 x 1,5	39,85	BSF 1"	25,17	2 1/4-4,5	56,80	BSP	Ø		
M 11	1,5	10,85	M 14 x 1,5	13,85	M 40 x 2	39,82			2 1/2-4	63,10	G	mm		
M 12	1,75	11,83	M 15 x 1	14,88	M 40 x 3	39,76			2 3/4-4	69,45				
M 14	2	13,82	M 15 x 1,5	14,85	M 42 x 1,5	41,85			3"-4	75,80				
M 16	2	15,82	M 15 x 2	14,82	M 42 x 2	41,82					G 1/8	9,62		
M 18	2,5	17,79	M 16 x 1	15,88	M 42 x 3	41,76					G 1/4	13,03		
M 20	2,5	19,79	M 16 x 1,5	15,85	M 45 x 1,5	44,85					G 3/8	16,53		
M 22	2,5	21,79	M 18 x 1	17,88	M 45 x 2	44,82					G 1/2	20,81		
M 24	3	23,77	M 18 x 1,5	17,85	M 45 x 3	44,76					G 5/8	22,77		
M 27	3	26,77	M 18 x 2	17,82	M 48 x 1,5	47,85					G 3/4	26,30		
M 30	3,5	29,73	M 20 x 1	19,88	M 48 x 2	47,82					G 7/8	30,06		
M 33	3,5	32,73	M 20 x 1,5	19,85	M 48 x 3	47,46					G 1"	33,07		
M 36	4	35,70	M 20 x 2	19,82	M 50 x 1,5	49,85					G 1 1/8	37,71		
M 39	4	38,70	M 22 x 1	21,88	M 50 x 2	49,82					G 1 1/4	41,73		
M 42	4,5	41,69	M 22 x 1,5	21,85	M 50 x 3	49,76					G 1 3/8	44,14		
M 45	4,5	41,69	M 22 x 2	21,82	M 52 x 1,5	51,85					G 1 1/2	47,62		
M 48	5	47,66	M 24 x 1	23,88	M 52 x 2	51,82					G 1 3/4	53,56		
M 52	5	51,66	M 24 x 1,5	23,85	M 52 x 3	51,76					G 2"	59,43		

HOLE DIAMETER FOR V-COIL TAPPING

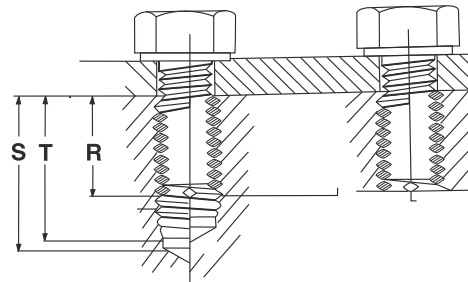
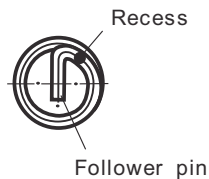
Tabella N. 45/e

D	P	Ø
M/MF		mm
M	2 x 0.4	2.10
M	2.5 x 0.45	2.60
M	3 x 0.5	3.20
M	3.5 x 0.6	3.70
M	4 x 0.7	4.20
M	5 x 0.8	5.20
M	6 x 1.0	6.30
M	7 x 1.0	7.30
M	8 x 1.25	8.30
M	8 x 1.0	8.30
M	9 x 1.25	9.30
M	10 x 1.5	10.40
M	10 x 1.25	10.30
M	10 x 1.0	10.30
M	11 x 1.5	11.40
M	12 x 1.75	12.40
M	12 x 1.5	12.40
M	12 x 1.25	12.30
M	12 x 1.0	12.30
M	14 x 2.0	14.50
M	14 x 1.5	14.40
M	14 x 1.25	14.40
M	14 x 1.0	14.30
M	16 x 2.0	16.50
M	16 x 1.5	16.40
M	18 x 2.5	18.60
M	18 x 2.0	18.50
M	18 x 1.5	18.50
M	20 x 2.5	20.60
M	20 x 2.0	20.50
M	20 x 1.5	20.50
M	22 x 2.5	22.60
M	22 x 2.0	22.50
M	22 x 1.5	22.50
M	24 x 3.0	24.75
M	24 x 2.0	24.50
M	24 x 1.5	24.50
M	26 x 1.5	26.50
M	27 x 1.5	27.50
M	27 x 2.0	27.50
M	27 x 3.0	27.75
M	28 x 1.5	28.50
M	30 x 1.5	30.50
M	30 x 2.0	30.50
M	30 x 3.5	31.00
M	33 x 2.0	33.50
M	33 x 3.5	34.00
M	36 x 1.5	36.50
M	36 x 2.0	36.50
M	36 x 3.0	37.00
M	36 x 4.0	37.00

D	P	Ø
UNC		mm
No.	2 x 56	2.4
No.	4 x 40	3.0
No.	5 x 40	3.4
No.	6 x 32	3.7
No.	8 x 32	4.4
No.	10 x 24	5.1
No.	12 x 24	5.7
	1/4 x 20	6.7
	5/16 x 18	8.3
	3/8 x 16	9.9
	7/16 x 14	11.60
	1/2 x 13	13.00
	9/16 x 12	14.80
	5/8 x 11	16.50
	3/4 x 10	19.75
	7/8 x 9	23.00
	1" x 8	26.25
	1.1/8 x 7	29.50
	1.1/4 x 7	33.00
	1.3/8 x 6	36.00
	1.1/2 x 6	39.50
UNF		
No.	4 x 48	3.0
No.	6 x 40	3.7
No.	8 x 36	4.4
No.	10 x 32	5.1
	1/4 x 28	6.6
	5/16 x 24	8.2
	3/8 x 24	9.8
	7/16 x 20	11.50
	1/2 x 20	13.00
	9/16 x 18	14.80
	5/8 x 18	16.25
	3/4 x 16	19.50
	7/8 x 14	22.75
	1" x 12	26.00
	1.1/8 x 12	29.00
	1.1/4 x 12	32.50
	1.3/8 x 12	35.50
	1.1/2 x 12	38.50

D	P	Ø
BSW		
	1/8 x 40	3.4
	3/16 x 24	5.1
	1/4 x 20	6.7
	5/16 x 18	8.3
	3/8 x 16	9.9
	7/16 x 14	11.6
	1/2 x 12	13.0
	9/16 x 12	14.8
	5/8 x 11	16.7
	3/4 x 10	20.0
	7/8 x 9	23.0
	1" x 8	26.5
BSF		
	3/16 x 32	5.0
	1/4 x 26	6.6
	5/16 x 22	8.3
	3/8 x 20	9.9
	7/16 x 18	11.6
	1/2 x 16	13.0
	9/16 x 16	14.8
	5/8 x 14	16.4
	3/4 x 12	19.5
	7/8 x 11	22.7
	1" x 10	26.5

D	P	Ø
G(BSP)		mm
	1/8 x 28	10.00
	1/4 x 19	13.60
	3/8 x 19	17.10
	1/2 x 14	21.50
	5/8 x 14	23.40
	3/4 x 14	27.00
	7/8 x 14	30.60
	1" x 11	33.70

TECHNICAL DATA FOR THREADS ACCORDING TO DIN 8140
Tabella N. 45/f


M	S (mm)					T (mm)					R (mm)				
	1D	1.5D	2D	2.5D	3D	1D	1.5D	2D	2.5D	3D	1D	1.5D	2D	2.5D	3D
M 2 x 0.40	3.80	4.80	5.80	6.80	7.80	3.40	4.40	5.40	6.40	7.40	2.00	3.00	4.00	5.00	6.00
M 2.5 x 0.45	4.52	5.77	7.02	8.27	9.52	4.07	5.32	6.57	7.82	9.07	2.50	3.75	5.00	6.25	7.50
M 3 x 0.50	5.25	6.75	8.25	9.75	11.25	4.75	6.25	7.75	9.25	10.75	3.00	4.50	6.00	7.50	9.00
M 3.5 x 0.60	6.20	7.95	9.70	11.45	13.20	5.60	7.35	9.10	10.85	12.60	3.50	5.25	7.00	8.75	10.50
M 4 x 0.70	7.15	9.15	11.15	13.15	15.15	6.45	8.45	10.45	12.45	14.45	4.00	6.00	8.00	10.00	12.00
M 5 x 0.80	8.60	11.10	13.60	16.10	18.60	7.80	10.30	12.80	15.30	17.80	5.00	7.50	10.00	12.50	15.00
M 6 x 1.00	10.50	13.50	16.50	19.50	22.50	9.50	12.50	15.50	18.50	21.50	6.00	9.00	12.00	15.00	18.00
M 7 x 1.00	11.50	15.00	18.50	22.00	25.50	10.50	14.00	17.50	21.00	24.50	7.00	10.50	14.00	17.50	21.00
M 8 x 1.25	13.62	17.62	21.62	25.62	29.62	12.37	16.37	20.37	24.37	28.37	8.00	12.00	16.00	20.00	24.00
M 8 x 1.00	12.50	16.50	20.50	24.50	28.50	11.50	15.50	19.50	23.50	27.50	8.00	12.00	16.00	20.00	24.00
M 9 x 1.25	14.62	19.12	23.62	28.13	32.62	13.37	17.87	22.37	26.87	31.37	9.00	13.50	18.00	22.50	27.00
M 9 x 1.00	13.50	18.00	22.50	27.00	31.50	12.50	17.00	21.50	26.00	30.50	9.00	13.50	18.00	22.50	27.00
M 10 x 1.50	16.75	21.75	26.75	31.75	36.75	15.25	20.25	25.25	30.25	35.25	10.00	15.00	20.00	25.00	30.00
M 10 x 1.25	15.62	20.62	25.62	30.62	35.62	14.37	19.37	24.37	29.37	34.37	10.00	15.00	20.00	25.00	30.00
M 10 x 1.00	14.50	19.50	24.50	29.50	34.50	13.50	18.50	23.50	28.50	33.50	10.00	15.00	20.00	25.00	30.00
M 11 x 1.50	17.75	23.25	28.75	34.25	39.75	16.25	21.75	27.25	32.75	38.25	11.00	16.50	22.00	27.50	33.00
M 11 x 1.25	16.62	22.12	27.62	33.12	38.62	15.37	20.87	26.37	31.87	37.37	11.00	16.50	22.00	27.50	33.00
M 12 x 1.75	19.87	25.87	31.87	37.87	43.87	18.12	24.12	30.12	36.12	42.12	12.00	18.00	24.00	30.00	36.00
M 12 x 1.50	18.75	24.75	30.75	36.75	42.75	17.25	23.25	29.25	35.25	41.25	12.00	18.00	24.00	30.00	36.00
M 12 x 1.25	17.62	23.62	29.62	35.62	41.62	16.37	22.37	28.37	34.37	40.37	12.00	18.00	24.00	30.00	36.00
M 14 x 2.00	23.00	30.00	37.00	44.00	51.00	21.00	28.00	35.00	42.00	49.00	14.00	21.00	28.00	35.00	42.00
M 14 x 1.50	20.75	27.75	34.75	41.75	48.75	19.25	26.25	33.25	40.25	47.25	14.00	21.00	28.00	35.00	42.00
M 14 x 1.25	19.62	26.62	33.62	40.62	47.62	18.37	25.37	32.37	39.37	46.37	14.00	21.00	28.00	35.00	42.00
M 16 x 2.00	25.00	33.00	41.00	49.00	57.00	23.00	31.00	39.00	47.00	55.00	16.00	24.00	32.00	40.00	48.00
M 16 x 1.50	22.75	30.75	38.75	46.75	54.75	21.25	29.25	37.25	45.25	53.25	16.00	24.00	32.00	40.00	48.00
M 18 x 2.50	29.25	38.25	47.25	56.25	65.25	26.75	35.75	44.75	53.75	62.75	18.00	27.00	36.00	45.00	54.00
M 18 x 2.00	27.00	36.00	45.00	54.00	63.00	25.00	34.00	43.00	52.00	61.00	18.00	27.00	36.00	45.00	54.00
M 20 x 2.50	31.25	41.25	51.25	61.25	71.25	28.75	38.75	48.75	58.75	68.75	20.00	30.00	40.00	50.00	60.00
M 20 x 2.00	29.00	39.00	49.00	59.00	69.00	27.00	37.00	47.00	57.00	67.00	20.00	30.00	40.00	50.00	60.00
M 20 x 1.50	26.75	36.75	46.75	56.75	66.75	25.25	35.25	45.25	55.25	65.25	20.00	30.00	40.00	50.00	60.00
M 22 x 2.50	33.25	44.25	55.25	66.25	77.25	30.75	41.75	52.75	63.75	74.75	22.00	33.00	44.00	55.00	66.00
M 22 x 2.00	31.00	42.00	53.00	64.00	75.00	29.00	40.00	51.00	62.00	73.00	22.00	33.00	44.00	55.00	66.00
M 22 x 1.50	28.75	39.75	50.75	61.75	72.75	27.25	38.25	49.25	60.25	71.25	22.00	33.00	44.00	55.00	66.00
M 24 x 3.00	37.50	49.50	61.50	73.50	85.50	34.50	46.50	58.50	70.50	82.50	24.00	36.00	48.00	60.00	72.00
M 24 x 2.00	33.00	45.00	57.00	69.00	81.00	31.00	43.00	55.00	67.00	79.00	24.00	36.00	48.00	60.00	72.00
M 27 x 3.00	40.50	54.00	67.50	81.00	94.50	37.50	51.00	64.50	78.00	91.50	27.00	40.50	54.00	67.50	81.00
M 27 x 2.00	36.00	49.50	63.00	76.50	90.00	34.00	47.50	61.00	74.50	88.00	27.00	40.50	54.00	67.50	81.00
M 30 x 3.50	45.75	60.75	75.75	90.75	105.75	42.25	57.25	72.25	87.25	102.25	30.00	45.00	60.00	75.00	90.00
M 30 x 3.00	43.50	58.50	73.50	88.50	103.50	40.50	55.50	70.50	85.50	100.50	30.00	45.00	60.00	75.00	90.00
M 33 x 3.50	48.75	65.25	81.75	98.25	114.75	45.25	61.25	77.25	93.25	109.25	33.00	49.50	66.00	82.50	99.00
M 36 x 4.00	54.00	72.00	90.00	108.00	126.00	50.00	68.00	86.00	104.00	122.00	36.00	54.00	72.00	90.00	108.00
M 36 x 3.00	49.50	67.50	85.50	103.50	121.50	46.50	64.50	82.50	100.50	118.50	36.00	54.00	72.00	90.00	108.00
M 39 x 4.00	57.00	76.50	96.00	115.50	135.00	53.00	72.50	92.00	111.50	131.00	39.00	58.50	78.00	97.50	117.00
M 42 x 4.50	62.25	83.25	104.25	125.25	146.25	57.75	78.75	99.75	120.75	141.75	42.00	63.00	84.00	105.00	126.00
M 42 x 3.00	55.50	76.50	97.50	118.50	139.50	52.50	73.50	94.50	115.50	136.50	42.00	63.00	84.00	105.00	126.00

Tabella N. 45/g

	S (poll.)					T (poll.)					R (poll.)				
	1D	1.5D	2D	2.5D	3D	1D	1.5D	2D	2.5D	3D	1D	1.5D	2D	2.5D	3D
UNF															
2 - 64	.156	.199	.242	.285	.328	.141	.184	.227	.270	.313	.086	.129	.172	.215	.258
3 - 56	.179	.229	.278	.328	.377	.161	.210	.260	.310	.359	.099	.148	.198	.247	.297
4 - 48	.206	.262	.318	.374	.430	.185	.241	.297	.353	.409	.112	.168	.224	.280	.336
5 - 44	.227	.290	.352	.414	.477	.204	.267	.329	.391	.454	.125	.187	.250	.312	.375
6 - 40	.250	.319	.388	.457	.526	.225	.294	.363	.432	.501	.138	.207	.276	.345	.414
8 - 36	.289	.371	.453	.535	.617	.261	.343	.425	.507	.589	.164	.246	.328	.410	.492
10 - 32	.331	.426	.521	.616	.711	.299	.394	.489	.584	.679	.190	.285	.380	.475	.570
1/4 - 28	.411	.536	.661	.786	.911	.375	.500	.625	.750	.875	.250	.375	.500	.625	.750
5/16 - 24	.500	.656	.812	.969	1.125	.458	.614	.771	.927	1.083	.312	.469	.625	.781	.937
3/8 - 24	.562	.750	.937	1.124	1.312	.521	.708	.896	1.083	1.271	.375	.562	.750	.937	1.125
7/16 - 20	.662	.881	1.100	1.319	1.537	.612	.831	1.050	1.269	1.487	.437	.656	.875	1.094	1.312
1/2 - 20	.725	.975	1.225	1.475	1.725	.675	.925	1.175	1.425	1.675	.500	.750	1.000	1.250	1.500
9/16 - 18	.811	1.093	1.374	1.655	1.936	.756	1.038	1.319	1.600	1.881	.562	.844	1.125	1.406	1.687
5/8 - 18	.874	1.187	1.500	1.812	2.124	.819	1.132	1.444	1.757	2.069	.625	.937	1.250	1.562	1.875
3/4 - 16	1.031	1.406	1.781	2.156	2.531	.969	1.344	1.719	2.094	2.469	.750	1.125	1.500	1.875	2.250
7/8 - 14	1.196	1.634	2.071	2.509	2.946	1.125	1.562	2.000	2.437	2.875	.875	1.312	1.750	2.187	2.625
1" - 12	1.375	1.875	2.375	2.875	3.375	1.292	1.792	2.292	2.792	3.292	1.000	1.500	2.000	2.500	3.000
1"1/8 - 12	1.500	2.062	2.625	3.187	3.750	1.417	1.979	2.542	3.104	3.667	1.125	1.687	2.250	2.812	3.375
1"1/4 - 12	1.625	2.250	2.875	3.500	4.125	1.542	2.167	2.792	3.417	4.042	1.250	1.875	2.500	3.125	3.750
1"3/8 - 12	1.750	2.438	3.125	3.813	4.500	1.667	2.354	3.042	3.729	4.417	1.375	2.062	2.750	3.437	4.125
1"1/2 - 12	1.875	2.625	3.375	4.125	4.875	1.792	2.542	3.292	4.042	4.792	1.500	2.250	3.000	3.750	4.500
UNC															
2 - 56	.166	.209	.252	.295	.338	.148	.191	.234	.277	.320	.086	.129	.172	.215	.258
3 - 48	.193	.242	.292	.341	.391	.172	.221	.271	.320	.370	.099	.148	.198	.247	.297
4 - 40	.224	.280	.336	.392	.448	.199	.255	.311	.367	.423	.112	.168	.224	.280	.336
5 - 40	.237	.300	.362	.425	.487	.212	.275	.337	.400	.462	.125	.187	.250	.312	.375
6 - 32	.279	.348	.417	.486	.555	.247	.316	.385	.454	.523	.138	.207	.276	.345	.414
8 - 32	.305	.387	.469	.551	.633	.273	.355	.437	.519	.601	.164	.246	.328	.410	.492
10 - 24	.377	.472	.567	.662	.757	.336	.431	.526	.621	.716	.190	.285	.380	.475	.570
12 - 24	.403	.511	.619	.727	.835	.362	.470	.578	.686	.794	.216	.324	.432	.540	.648
1/4 - 20	.475	.600	.725	.850	.975	.425	.550	.675	.800	.925	.250	.375	.500	.625	.750
5/16 - 18	.562	.718	.875	1.031	1.187	.507	.663	.819	.975	1.132	.312	.469	.625	.781	.937
3/8 - 16	.656	.844	1.031	1.219	1.406	.594	.781	.969	1.156	1.344	.375	.562	.750	.937	1.125
7/16 - 14	.758	.977	1.196	1.415	1.633	.687	.906	1.125	1.344	1.562	.437	.656	.875	1.094	1.312
1/2 - 13	.846	1.096	1.346	1.596	1.846	.769	1.019	1.269	1.519	1.769	.500	.750	1.000	1.250	1.500
9/16 - 12	.937	1.219	1.500	1.781	2.062	.854	1.135	1.417	1.698	1.979	.562	.844	1.125	1.406	1.687
5/8 - 11	1.034	1.347	1.659	1.972	2.284	.943	1.256	1.568	1.881	2.193	.625	.937	1.250	1.562	1.875
3/4 - 10	1.200	1.575	1.950	2.325	2.700	1.100	1.475	1.850	2.225	2.600	.750	1.125	1.500	1.875	2.250
7/8 - 9	1.375	1.812	2.250	2.687	3.125	1.264	1.701	2.139	2.576	3.014	.875	1.312	1.750	2.187	2.625
1" - 8	1.562	2.062	2.562	3.062	3.562	1.437	1.937	2.437	2.937	3.437	1.000	1.500	2.000	2.500	3.000
1"1/8 - 7	1.768	2.330	2.893	3.455	4.018	1.625	2.187	2.750	3.312	3.875	1.125	1.687	2.250	2.812	3.375
1"1/4 - 7	1.893	2.518	3.143	3.768	4.393	1.750	2.375	3.000	3.625	4.250	1.250	1.875	2.500	3.125	3.750
1"3/8 - 6	2.125	2.812	3.500	4.187	4.875	1.958	2.646	3.333	4.021	4.708	1.375	2.062	2.750	3.437	4.125
1"1/2 - 6	2.250	3.000	3.750	4.500	5.250	2.083	2.833	3.583	4.333	5.083	1.500	2.250	3.000	3.750	4.500

Tabella N. 45/h

	S (poll.)					T (poll.)					R (poll.)				
	1D	1.5D	2D	2.5D	3D	1D	1.5D	2D	2.5D	3D	1D	1.5D	2D	2.5D	3D
BSF															
3/16 - 32	.328	.422	.515	.609	.703	.297	.390	.484	.578	.672	.187	.281	.375	.469	.562
1/4 - 26	.423	.548	.673	.798	.923	.385	.510	.635	.760	.885	.250	.375	.500	.625	.750
5/16 - 22	.517	.673	.829	.986	1.142	.472	.628	.784	.940	1.096	.312	.469	.625	.781	.937
3/8 - 20	.600	.787	.975	1.162	1.350	.550	.737	.925	1.112	1.300	.375	.562	.750	.937	1.125
7/16 - 18	.687	.906	1.124	1.343	1.562	.632	.851	1.069	1.288	1.507	.437	.656	.875	1.094	1.312
1/2 - 16	.781	1.031	1.281	1.531	1.781	.719	.969	1.219	1.469	1.719	.500	.750	1.000	1.250	1.500
9/16 - 16	.844	1.125	1.406	1.687	1.969	.781	1.062	1.344	1.625	1.906	.562	.844	1.125	1.406	1.687
5/8 - 14	.946	1.259	1.571	1.884	2.196	.875	1.187	1.500	1.812	2.125	.625	.937	1.250	1.562	1.875
3/4 - 12	1.125	1.500	1.875	2.250	2.625	1.042	1.417	1.792	2.167	2.542	.750	1.125	1.500	1.875	2.250
7/8 - 11	1.284	1.722	2.159	2.596	3.034	1.193	1.631	2.068	2.506	2.943	.875	1.312	1.750	2.187	2.625
1" - 10	1.450	1.950	2.450	2.950	3.450	1.350	1.850	2.350	2.850	3.350	1.000	1.500	2.000	2.500	3.000
1"1/8 - 9	1.625	2.187	2.750	3.312	3.875	1.514	2.076	2.639	3.201	3.764	1.125	1.687	2.250	2.812	3.375
1"1/4 - 9	1.750	2.375	3.000	3.625	4.250	1.639	2.264	2.889	3.514	4.139	1.250	1.875	2.500	3.125	3.750
1"3/8 - 8	1.937	2.625	3.312	4.000	4.687	1.812	2.500	3.187	3.875	4.562	1.375	2.062	2.750	3.437	4.125
1"1/2 - 8	2.062	2.812	3.562	4.312	5.062	1.937	2.687	3.437	4.187	4.937	1.500	2.250	3.000	3.750	4.500
BSW															
1/8 - 40	.237	.300	.362	.425	.487	.212	.275	.337	.400	.462	.125	.187	.250	.312	.375
3/16 - 24	.375	.469	.562	.656	.750	.333	.427	.521	.614	.708	.187	.281	.375	.469	.562
1/4 - 20	.475	.600	.725	.850	.975	.425	.550	.675	.800	.925	.250	.375	.500	.625	.750
5/16 - 18	.562	.718	.875	1.031	1.187	.507	.663	.819	.975	1.132	.312	.469	.625	.781	.937
3/8 - 16	.656	.844	1.031	1.219	1.406	.594	.781	.969	1.156	1.344	.375	.562	.750	.937	1.125
7/16 - 14	.758	.977	1.196	1.415	1.633	.687	.906	1.125	1.344	1.562	.437	.656	.875	1.094	1.312
1/12 - 12	.875	1.125	1.375	1.625	1.875	.792	1.042	1.292	1.542	1.792	.500	.750	1.000	1.250	1.500
9/16 - 12	.937	1.219	1.500	1.781	2.062	.854	1.135	1.417	1.698	1.979	.562	.844	1.125	1.406	1.687
5/8 - 11	1.034	1.347	1.659	1.972	2.284	.943	1.256	1.568	1.881	2.193	.625	.937	1.250	1.562	1.875
3/4 - 10	1.200	1.575	1.950	2.325	2.700	1.100	1.475	1.850	2.225	2.600	.750	1.125	1.500	1.875	2.250
7/8 - 9	1.375	1.812	2.250	2.687	3.125	1.264	1.701	2.139	2.576	3.014	.875	1.312	1.750	2.187	2.625
1" - 8	1.562	2.062	2.562	3.062	3.562	1.437	1.937	2.437	2.937	3.437	1.000	1.500	2.000	2.500	3.000
1"1/8 - 7	1.768	2.330	2.893	3.455	4.018	1.625	2.187	2.750	3.312	3.875	1.125	1.687	2.250	2.812	3.375
1"1/4 - 7	1.893	2.518	3.143	3.768	4.393	1.750	2.375	3.000	3.625	4.250	1.250	1.875	2.500	3.125	3.750
1"1/2 - 6	2.250	3.000	3.750	4.500	5.250	2.083	2.833	3.583	4.333	5.083	1.500	2.250	3.000	3.750	4.500
G(BSP)															
1/8 - 28	.286	.348	.411	.473	.536	.250	.312	.375	.437	.500	.125	.187	.250	.312	.375
1/4 - 19	.487	.612	.737	.862	.987	.434	.559	.684	.809	.934	.250	.375	.500	.625	.750
3/8 - 19	.612	.799	.987	1.174	1.362	.559	.747	.934	1.122	1.309	.375	.562	.750	.937	1.125
1/2 - 14	.821	1.071	1.321	1.571	1.821	.750	1.000	1.250	1.500	1.750	.500	.750	1.000	1.250	1.500
5/8 - 14	.946	1.258	1.571	1.883	2.196	.875	1.187	1.500	1.812	2.125	.625	.937	1.250	1.562	1.875
3/4 - 14	1.071	1.446	1.821	2.196	2.571	1.000	1.375	1.750	2.125	2.500	.750	1.125	1.500	1.875	2.250
7/8 - 14	1.196	1.634	2.071	2.509	2.946	1.125	1.562	2.000	2.437	2.875	.875	1.312	1.750	2.187	2.625
1" - 11	1.409	1.909	2.409	2.909	3.409	1.318	1.818	2.318	2.818	3.318	1.000	1.500	2.000	2.500	3.000
1"1/4 - 11	1.660	2.284	2.909	3.534	4.159	1.568	2.193	2.818	3.443	4.068	1.250	1.875	2.500	3.125	3.750
1"1/2 - 11	1.909	2.659	3.409	4.159	4.909	1.818	2.568	3.318	4.068	4.818	1.500	2.250	3.000	3.750	4.500

CIRCULAR SAWS FOR HSS METALS
Tabella N. 46
Valori indicativi delle velocità di taglio e avanzamento.
Velocità di taglio = V = m/min.
Avanzamento = A = mm/min.

MATERIALE DA TAGLIARE	DENTATURA GROSSA				DENTATURA FINE			
	Taglio pesante		Taglio medio		Taglio medio		Taglio leggero	
	V	A	V	A	V	A	V	A
Acciai fino R. 45 kg. mm ²	35	40	40	45	45	50	50	100
Acciai fino R. 75 kg. mm ²	30	35	30	40	40	50	45	80
Acciai fino R. 105 kg. mm ²	20	25	20	30	30	40	40	50
Ghisa normale e malleabile	20-30	30-40	40	100	35	50	40	100
Acciaio inossidabile	7	20	12	25	10	20	20	40
Ottone duro - Bronzo - Rame	100	250	100	250	200	400	250	400
Ottone dolce - Duralluminio	200	500	200	500	400	800	500	800
Metalli leggeri	400	1000	800	1500	—	—	—	—
Materie plastiche e sintetiche	600-1500	1000	1000-2000	1500	—	—	—	—

NOTE: Si raccomanda di aumentare o diminuire la velocità di taglio secondo la natura del materiale, lo spessore da tagliare, lo spessore della lama e l'efficienza della macchina.

BIMETALLIC BAND SAWS
Tabella N. 47/a

caratteristiche e parametri delle seghe a nastro in riferimento ai vari materiali

Materiale	N.	denominazione DIN	durezza Brinell HB	spessore mm	numero denti p. poll. = 25,4 mm	velocità di taglio m/min	rendimento M42 cm ² /min	refrigeranti-lubrificanti		
								olio emuls.	olio da taglio	lubrif. non grasso
Acciaio da costruzione	1.0204	UQSt 36-2	150-175	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	76 84 85 76	52,0-64,5 58,0-77,5 77,5-97,0 58,0-77,5	1:20	x	
	1.0306	USt 34-7	150-175	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	76 84 85 76	52,0-64,5 58,0-77,5 77,5-97,0 58,0-77,5	1:20	x	
Acciaio automatico	1.0711- 1.0712	9S 20	125-150	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	91 100 84 67	52,0-71,0 71,0-84,0 77,5-97,0 77,5-97,0	1:10	x	
Acciaio da bonifica	1.0501	C 35	160-175	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	76 84 76 70	52,0-65,0 58,0-77,5 77,5-97,0 58,0-77,5	1:20		x
	1.1146	30 MN 4	160-180	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	61 61 53 46	32,0-45,0 32,0-45,0 52,0-65,0 39,0-52,0	1:20		x
Acciaio per molle	1.1221	Ck 60	160-180	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	61 61 53 46	32,0-45,0 32,0-45,0 52,0-65,0 39,0-52,0	1:20		x
	1.0904 1.0906	55 Si 7 65 Si 7	150-180	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	61 55 55 46	13,0-27,0 19,0-32,0 19,0-32,0 19,0-32,0	1:30		x
	1.0961	60 SiCr 7	200-230	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	61 49 55 46	6,0-19,0 13,0-19,0 13,0-27,0 13,0-19,0	1:30		x
Filo di acciaio per molle	1.1230	17223	180-205	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	61 61 46 37	27,0-39,0 32,0-45,0 39,0-52,0 39,0-52,0	1:30		x
Acciaio per molle	1.1274	Ck 101	180-205	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4-3	61 61 46 37	27,0-39,0 32,0-45,0 39,0-52,0 39,0-52,0	1:30		x
Acciaio per utensili per lavorazione a freddo	1.2080	x 210 Cr 12	217-241	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	34 30 27 24	6,0-13,0 6,0-13,0 6,0-13,0 6,0-13,0	1:30		x
	1.2303	100 CrMo 5	180-230	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	61 55 46 30	13,0-27,0 19,0-32,0 19,0-32,0 13,0-27,0	1:30		x
Acciaio per utensili per lavorazione a caldo	1.2344	x 40 CrMoV 51	205-228	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	46 38 38 38	13,0-27,0 19,0-32,0 13,0-19,0 13,0-27,0	1:20	x	
Acciaio per utensili per lavorazione a freddo	1.2363	x100 CrMoV51	217-241	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	64 61 58 55	13,0-19,0 19,0-27,0 19,0-27,0 13,0-19,0	1:20	x	
	1.2379	x155 CrVMo 121	217-241	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	34 30 27 24	6,0-13,0 6,0-13,0 6,0-13,0 6,0-13,0	1:30	x	

BIMETALLIC BAND SAWS
Tabella N. 47/b

caratteristiche e parametri delle seghe a nastro in riferimento ai vari materiali

Materiale	N.	denominazione DIN	durezza Brinell HB	spessore mm	numero denti p. poll. = 25,4 mm	velocità di taglio m/min	rendimento M42 cm ² /min	refrigeranti-lubrificanti		
								olio emuls.	olio da taglio	lubrif. non grasso
Acciaio per utensili per lavorazione a freddo	1.2510	100 MnCrW 4	187-207	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	73 64 58 52	19,0-27,0 27,0-32,0 32,0-39,0 27,0-32,0	1:20		x
	1.2542	45 WCrV 7	177-212	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	67 55 50 46	13,0-27,0 19,0-32,0 19,0-32,0 13,0-27,0	1:20		x
Acciaio per utensili per lavorazione a caldo	1.2581	x 30 WCrV 93	205-228	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	46 38 38 38	13,0-27,0 19,0-32,0 13,0-19,0 13,0-27,0	1:20		x
	1.2606	x 37 CrMoW51	205-228	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	46 38 38 38	13,0-27,0 19,0-32,0 13,0-19,0 13,0-27,0	1:20		x
Acciaio per utensili per lavorazione a freddo	1.2714	56 NiCrMOV 7	190-230	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	61 55 52 46	13,0-27,0 19,0-32,0 19,0-32,0 13,0-27,0	1:30		x
	1.2842	90 MnV 8	187-207	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	73 64 58 52	19,0-27,0 27,0-32,0 32,0-39,0 27,0-32,0	1:30		x
Acciaio rapido HSS	1.3202	S 12-1-4-5	228-255	fino a 25 25-70 70-150 oltre 150	10-8 10-8 6-4 4	24 24 21 15	6,0 6,0 6,0 6,0	1:30		x
	1.3251	S 12-1-2-5	220-293	fino a 25 25-70 70-150 oltre 150	10-8 10-8 6-4 4	34 30 24 21	6,0-13,0 6,0-13,0 6,0-13,0 6,0-13,0	1:30		x
	1.3255	S 18-1-2-5	235-255	fino a 25 25-70 70-150 oltre 150	10-8 10-8 6-4 4-3	34 30 27 24	6,0-13,0 6,0-13,0 13,0-19,0 6,0-13,0	1:30		x
	1.3265	S 18-1-2-10	235-255	fino a 25 25-70 70-150 oltre 150	10-8 10-8 6-4 4-3	34 30 27 24	6,0-13,0 6,0-13,0 13,0-19,0 6,0-13,0	1:30		x
	1.3343	S 6-5-2	217-241	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	37 34 30 24	6,0-13,0 13,0-19,0 19,0-27,0 13,0-19,0	1:30		x
	1.3344	S 6-5-3	217-241	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	37 34 30 24	6,0-13,0 13,0-19,0 19,0-27,0 13,0-19,0	1:30		x
	1.3345	S 0-8-2	217-228	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	30 27 24 18	6,0-13,0 6,0-13,0 6,0-19,0 6,0-13,0	1:30		x
	1.3346	S 2-9-1	217-228	fino a 25 25-70 70-150 oltre 150	10-8 8-6 6-4 4	46 43 40 34	6,0-19,0 13,0-27,0 19,0-32,0 13,0-27,0	1:30		x
	1.3355	S 18-0-1	217-248	fino a 25 25-70 70-150 oltre 150	10-8 10-8 6-4 4-3	40 34 30 27	6,0-13,0 13,0-19,0 13,0-27,0 13,0-27,0	1:30		x

BIMETALLIC BAND SAWS
Tabella N. 47/c

caratteristiche e parametri delle seghe a nastro in riferimento ai vari materiali

Materiale	N.	denominazione DIN	durezza Brinell HB	spessore mm	numero denti p. poll. = 25,4 mm	velocità di taglio m/min	rendimento M42 cm ² /min	refrigeranti-lubrificanti		
								olio emuls.	olio da taglio	lubrif. non grasso
Acciaio HSS	1.3357	S 18-0-2	217-248	fino a 25	10-8	40	6,0-13,0	1:30		x
				25-70	10-8	34	13,0-19,0			
				70-150	6-4	30	13,0-27,0			
				oltre 150	4-3	27	13,0-27,0			
Acciaio per cuscinetti a sfere	1.3501	105 Cr 2	210-230	fino a 25	10-8	55	13,0-27,0	1:30		x
				25-70	8-6	49	19,0-32,0			
				70-150	6-4	46	27,0-39,0			
				oltre 150	4-3	30	19,0-32,0			
	1.3505	100 Cr 6	210-230	fino a 25	10-8	55	13,0-27,0	1:30		x
			25-70	8-6	49	19,0-32,0				
			70-150	6-4	46	27,0-39,0				
			oltre 150	4-3	30	27,0-39,0				
Acciaio inossidabile	1.4005	x12 CrS 13	155-195	fino a 25	10-8	61	19,0-32,0	1 :10		x
				25-70	8-6	55	27,0-39,0			
				70-150	6-4	52	32,0-45,0			
				oltre 150	4-3	46	27,0-39,0			
	1.4006	x 10 Cr 13	140-185	fino a 25	10-8	46	6,0-19,0	1 :10		x
			25-70	8-6	40	6,0-19,0				
			70-150	6-4	37	13,0-27,0				
			oltre 150	4-3	30	6,0-19,0				
	1.4016	x 8 Cr 17	170-215	fino a 25	10-8	30	6,0-19,0	1 :10		x
			25-70	8-6	27	13,0-27,0				
			70-150	6-4	24	13,0-27,0				
			oltre 150	4-3	24	6,0-19,0				
	1.4021	x 20 Cr 13	140-185	fino a 25	10-8	46	6,0-19,0	1 :10		x
			25-70	8-6	40	6,0-19,0				
			70-160	6-4	37	13,0-27,0				
			oltre 150	4-3	30	6,0-19,0				
	1.4104	x 12 CrMoS 17	155-195	fino a 25	10-8	61	19,0-32,0	1 :10		x
			25-70	8-6	55	27,0-39,0				
			70-150	6-4	52	32,0-45,0				
			oltre 150	4-3	46	27,0-39,0				
	1.4112	x 90 CrMoV 18	160-190	fino a 25	10-8	37	6,0-19,0	1 :10		x
			25-70	8-6	34	6,0-19,0				
			70-150	6-4	27	13,0-27,0				
			oltre 150	4-3	21	6,0-19,0				
	1.4125	x 105 CrMo 17	160-190	fino a 25	10-8	37	6,0-19,0	1 :10		x
			25-70	8-6	34	6,0-19,0				
			70-150	6-4	27	13,0-27,0				
			oltre 150	4-3	21	6,0-19,0				
	1.4300	x 12 CrNi 188	140-190	fino a 25	10-8	37	13,0-27,0	1 :10		x
			25-70	8-6	30	13,0-27,0				
			70-150	6-4	30	13,0-27,0				
			oltre 150	4	30	6,0-19,0				
	1.4301	x 5 CrNi 189	130-170	fino a 25	10-8	37	13,0-27,0	1 :10		x
			25-70	8-6	30	13,0-27,0				
			70-150	6-4	30	13,0-27,0				
			oltre 150	4	30	6,0-19,0				
	1.4305	x 12 CrNiS 188	150-200	fino a 25	10-8	43	13,0-27,0	1 :10		x
			25-70	8-6	37	13,0-27,0				
			70-150	6-4	30	19,0-32,0				
			oltre 150	4-3	30	13,0-27,0				
	1.4371	x 8 CrMnNi 189		fino a 25	10-8	37	13,0-27,0	1 :10		x
			25-70	8-6	30	13,0-27,0				
			70-150	6-4	30	13,0-27,0				
			oltre 150	4	30	6,0-19,0				
	1.4401	x 5 CrNiMo 18 10	160-220	fino a 25	10-8	27	6,0	1 :10		x
			25-70	8-6	24	6,0				
			70-150	6-4	21	13,0				
			oltre 150	4-3	18	6,0				

DRAWBACKS IN THE USE OF BAND SAWS
Tabella N. 48

Difetti riscontrati	Cause probabili	Eventuali correzioni
Rottura dei denti in generale o strappi alla base dei denti	<ul style="list-style-type: none"> - Carico eccessivo - Errata scelta della dentatura - Velocità troppo alta o troppo bassa - Imperfetto fissaggio oppure vibrazione del pezzo da segare - Gioco nelle guide - Inizio di taglio sullo spigolo 	<ul style="list-style-type: none"> - Ridurre la pressione - Usare la dentatura più appropriata - Regolare la velocità - Fissare rigidamente il pezzo da segare - Controllare e rettificare gioco guide - Iniziare possibilmente il taglio sul piano del pezzo oppure diminuire la pressione
I denti si logorano facilmente	<ul style="list-style-type: none"> - La sega scivola sopra il pezzo da segare - Velocità di taglio troppo alta - Raffreddamento insufficiente e non adeguato 	<ul style="list-style-type: none"> - Aumentare la pressione o usare una dentatura più adatta - Diminuire la velocità - Controllare qualità e flusso del lubrificante
Rottura della sega Rottura sulla saldatura del nastro sega	<ul style="list-style-type: none"> - Tensione del nastro troppo forte o troppo debole - Guide montate male, non parallele - Gioco nelle guide - Saldatura difettosa o troppo rigida 	<ul style="list-style-type: none"> - Controllare e regolare la tensione del nastro - Aggiustare e regolare le guide - Controllare la saldatura del nastro
Tracce di usura sul dorso della sega	<ul style="list-style-type: none"> - Pressione eccessiva - Uno solo dei bordi delle guide è in contatto con la lama - I rulli delle guide non scorrono bene 	<ul style="list-style-type: none"> - Ridurre la pressione - Aggiustare i bordi delle guide a contatto con il dorso della lama - Lubrificare o sostituire i rulli
Tracce di usura su un solo lato della sega	<ul style="list-style-type: none"> - Una sola guida laterale è in contatto con la lama 	<ul style="list-style-type: none"> - Registrare e regolare le guide
La sega taglia storto	<ul style="list-style-type: none"> - Sovraccarico - Guide troppo distanziate, oppure una o tutte e due sono fuori squadra - Tensione insufficiente della lama - Dentatura danneggiata dai rulli guida 	<ul style="list-style-type: none"> - Ridurre la pressione - Avvicinare e squadrare le guide - Aumentare la tensione della lama - Montare un nastro più largo, o sostituire le guide di plastica

CUTTING SPEED AND FEED RATE WITH HSS, HSS-E AND MD TOOLS
Tabella N. 49

MATERIALI DA TORNIRE	R kg mm ²	ACCIAIO SUPER RAPIDO		Designazione - ISO - qualità METALDURO						Tipo di LUBRIFICANTE Consigliabile		
		Sgross.	Finire	P 10	P 20 - P 30	P 40	K 20		K 10			
				Avanzamenti mm per giro				Sgross.	Finire		Sgross.	Finire
				0,7-0,3-0,1		1,2-0,3-0,15						
VELOCITÀ IN METRI AL MINUTO PRIMO												
Acciaio al carbonio	50 ÷ 70	30	60	100-180-250	50-80-120	30-50	—	—	—	—	Olio da taglio o Emulsione	
Acciaio legato bonificato	80 ÷ 110	25	35	50 - 80 -120	30-40-60	—	—	—	—	—	Olio da taglio	
Acciaio inossidabile	50 ÷ 85	25	45	— — —	50-80-100	30-60	—	—	—	—	Olio da taglio o di Trementina	
Acciaio fuso	50	25	35	100-115-140	40-60-100	25-40	60	—	—	—	Olio da taglio o Emulsione	
Ghisa grigia e dura	20 ÷ 27	20	35	— — —	— — —	—	45	80	100	120	Olio da taglio o aria compressa o Petrolio	
Ghisa malleabile	40 ÷ 70	—	—	— — —	— — —	—	250	—	45	65	Olio da taglio o Emulsione	
Ottone e bronzo	—	50	70	— — —	— — —	—	400	400	—	—	Senza lubrificante oppure Emulsione	
Alluminio e leghe	—	60	130	— — —	— — —	—	80	200	—	—	Olio o Petrolio	
Materie plastiche	—	15	20	— — —	— — —	—	80	150	—	—	Asciutto o aria compressa	

Note: — La serie ISO «P» riguarda gli acciai. La serie ISO «K» riguarda le ghise.
 — Per utensili con placchette in METALDURO con fissaggio meccanico, le velocità possono essere aumentate del 15%.
 — I lubrificanti indicati, vanno scelti o miscelati in rapporto alla durezza e tenacità del materiale da lavorare.

ISO IDENTIFICATION SYSTEM FOR MILLING INSERTS

Tabella N. 50

H		M	
O		V	
P		W	
S		L	
T		A	
C		B	
D		K	
E		R	
F		X	Geometrie speciali

Simbolo forma inserto

<p>Inserto triangolare con sfaccettatura (tagliante secondario)</p>			
Simbolo	m (mm)	d (mm)	s (mm)
A	±0.005	±0.025	±0.025
F	±0.005	±0.013	±0.025
C	±0.013	±0.025	±0.025
H	±0.013	±0.013	±0.025
E	±0.025	±0.025	±0.025
G	±0.025	±0.025	±0.13
J	±0.005	±0.05-±0.13	±0.025
K*	±0.013	±0.05-±0.13	±0.025
L*	±0.025	±0.05-±0.13	±0.025
M*	±0.08-±0.18	±0.05-±0.13	±0.13
N*	±0.08-±0.18	±0.05-±0.13	±0.025
U*	±0.13-±0.38	±0.08-±0.25	±0.13
<p>* Di norma i lati di questi inserti sono sinterizzati. La tolleranza dipende dalla misura. Per l'accuratezza in Classe M, fare riferimento alla tabella da destra</p>			
<p>Dimensione dettagliata dell'inserto in Classe M Tolleranze dell'inserto altezza (mm)</p>			
Cerchio inscritto			
6.35	±0.08	-	-
9.525	±0.08	±0.08	±0.08
12.70	±0.13	±0.13	±0.13
15.875	±0.15	±0.15	±0.15
19.05	±0.15	±0.15	±0.15
25.40	-	±0.18	-
31.75	-	±0.25	-
<p>Tolleranze del cerchio inscritto (mm)</p>			
Cerchio inscritto			
6.35	±0.05	-	-
9.525	±0.05	±0.05	±0.05
12.70	±0.08	±0.08	±0.08
15.875	±0.10	±0.10	±0.10
19.05	-	-	±0.10
25.40	-	±0.13	±0.10
31.75	-	±0.20	±0.12

Simbolo tolleranze

A	B	C	D	E
F	G	N	P	O
				Altro angolo di spoglia

Simbolo angolo di spoglia normale

ISO **A P K T**

Tipo di rompitrucolo e/o di bloccaggio

Metrico														
Sim.	Tipo	Tipo di foro	Rompitrucolo	Forma	Sim.	Tipo	Tipo di foro	Rompitrucolo	Forma	Sim.	Tipo	Tipo di foro	Rompitrucolo	Forma
W	Con foro	Foro tondo Una fresa (40°-60°)	Senza rompitrucolo		H	Con foro	Foro tondo Doppia fresa (70°-90°)	Rompitrucolo su un lato		G	Con foro	Foro tondo	Rompitrucolo sui due lati	
T	Con foro	Foro tondo Una fresa (40°-60°)	Rompitrucolo su un lato		C	Con foro	Foro tondo Doppia fresa (70°-90°)	Senza rompitrucolo		N	Senza foro	-	Senza rompitrucolo	
Q	Con foro	Foro tondo Doppia fresa (40°-60°)	Senza rompitrucolo		J	Con foro	Foro tondo Doppia fresa (70°-90°)	Rompitrucolo sui due lati		R	Senza foro	-	Rompitrucolo su un lato	
U	Con foro	Foro tondo Doppia fresa (40°-60°)	Rompitrucolo sui due lati		A	Con foro	Foro tondo	Senza rompitrucolo		F	Senza foro	-	Rompitrucolo sui due lati	
B	Con foro	Foro tondo Doppia fresa (70°-90°)	Senza rompitrucolo		M	Con foro	Foro tondo	Rompitrucolo su un lato		X	-	-	-	Su richiesta

ISO IDENTIFICATION SYSTEM FOR MILLING INSERTS

Tabella N. 51

R	35° V	55° D	80° C	90° S	60° T	80° W	Ø CI		Simbolo ANSI
							mm	pollici	
-	06	04	-	03	06	02	3,97	5/32	1,20
-	08	05	04	04	08	L3	4,76	3/16	1,50
-	09	06	05	05	09	03	5,56	7/32	1,80
06**	-	-	-	-	-	-	6,00	0,236	
06*	11	07	06	06	11	04	6,35	1/4	2,00
07*	13	09	08	07	13	05	7,95	5/16	2,50
08*	-	-	-	-	-	-	8,00	0,315	
09*	16	11	09	09	16	06	9,525	3/8	3,00
10**	-	-	-	-	-	-	10,00	0,394	
12**	-	-	-	-	-	-	12,00	0,472	
12*	22	15	12	12	22	08	12,70	1/2	4,00
15*	27	19	16	15	27	10	15,875	5/8	5,00
16**	-	-	-	-	-	-	16,00	0,63	
19*	33	23	19	19	33	13	19,05	3/4	6,00
20**	-	-	-	-	-	-	20,00	0,787	
25**	-	-	-	-	-	-	25,00	0,984	
25*	44	31	25	25	44	17	25,40	1,00	8,00
31*	54	38	32	31	54	21	31,75	1 1/4	10,00
32**	-	-	-	-	-	-	32,00	1,26	

* Designazione ANSI
Raggio = 00
** Designazione Metrica
Raggio = MO

ISO	mm	AISI	pollici
01	1,59	1	0,062
T1	1,98	1,2	0,078
02	2,38	1,5	0,094
03	3,18	2	0,125
T3	3,97	2,5	0,156
04	4,76	3	0,188
05	5,56	3,5	0,219
06	6,35	4	0,250
07	7,94	5	0,312
09	9,52	6	0,375
12	12,70	8	0,500

Simbolo della misura dell'inserto

Simbolo dello spessore



Simbolo configurazione angolo

ISO	mm	pollici	AISI
00	Punta affilata		0
02	0.20	.008	0.5
04	0.40	.015	1
08	0.80	.032	2
12	1.2	.047	3
16	1.6	.062	4
20	2.0	.078	5
24	2.4	.094	6
28	2.8	.109	7
32	3.18	.125	8
	Inserto tondo		0

Simbolo per taglienti secondari

Per inserti con taglienti secondari si usano 2 cifre			
1ª = tagliente secondario		2ª = angolo di spoglia secondario	
A	45°	A	3°
D	60°	B	5°
E	75°	C	7°
F	85°	D	15°
P	90°	E	20°
Z	speciale	F	25°
		G	30°
		N	0°
		P	11°

Condizione tagliente

Forma	Levigatura	Simbolo
	Non levigato	F
	Con levigatura	E
	Smussato Non levigato	T
	Smussato Con levigatura	S

Direzione di taglio

Forma	Mano	Simbolo
	DX	D
	SX	S
	Nessuna	N

DESCRIPTION OF MILLING GRADES AND APPLICATIONS
Tabella N. 52

Gradi	Scala ISO	Rivestimento	Descrizione e Applicazioni
CH6920	P10 - P35	PVD-TiALN	Avanzato rivestimento in PVD TiALN su substrato altamente resistente all'usura per lavorazioni generali di acciaio INOX e leghe di titanio.
	M10 - M25		
	K10 - K30		
	S10 - S30		
CH0910	K01 - P10	Non rivestito	Micro-grani in metallo duro, senza rivestimento, che garantiscono buona resistenza all'abrasione e robustezza. Per sgrossare e rifinire HRSA, leghe di titanio, ghise e leghe di alluminio.
	N01 - N20		

CHOICE OF ALLOYS
Tabella N. 53

	Acciai malleabili		Acciai non ferrosi
	Acciai inossidabili		Acciai refrattari
	Ghise		Acciai temprati

Gradi	P					M					K					N					S					H															
	05	10	15	20	25	30	35	40	45	50	10	20	30	40	50	05	10	15	20	25	30	35	40	05	10	15	20	25	30	10	15	20	25	30	35	40	05	10	15	20	25
CH6920	■					■					■					■																									
CH0910											■					■																									

MILLING PARAMETERS
Tabella N. 54
Tipo di inserto: RD..07 - 10 - 16

ISO	Tipo di acciaio	HB (Brinell)	V _c (mm/min)	RD..07		RD..10		RD..16	
		Grado	CH6920	f _z (mm/t) a _p (mm)	f _z (mm/t) a _p (mm)	f _z (mm/t) a _p (mm)	f _z (mm/t) a _p (mm)		
P	Acciai non legati	125-220	150-230	≤0,18	≤1,50	≤0,24	≤2,50	≤0,33	≤3,50
	Acciai bassa tenacità	220-280	140-220	≤0,18	≤1,50	≤0,24	≤2,50	≤0,33	≤3,50
	Acciai alta tenacità	280-380	130-180	≤0,15	≤1,50	≤0,21	≤2,50	≤0,27	≤3,50
M	Martensitico	200-330	120-160	≤0,17	≤1,50	≤0,18	≤2,50	≤0,25	≤3,50
	Austenitico	200-330	100-150	≤0,17	≤1,50	≤0,18	≤2,50	≤0,25	≤3,50
	Austenitico / Ferritico	230-260	70-110	≤0,15	≤1,50	≤0,15	≤2,50	≤0,21	≤3,50
K	Ghisa malleabile	130-230	150-280	≤0,20	≤1,50	≤0,25	≤2,50	≤0,35	≤3,50
	Ghisa grigia	180-245	130-230	≤0,20	≤1,50	≤0,25	≤2,50	≤0,35	≤3,50
	Ghisa nodulare	160-250	80-190	≤0,18	≤1,50	≤0,22	≤2,50	≤0,32	≤3,50
N	Alluminio Materiali non ferrosi	30-130	-	≤0,45	≤1,50	≤0,80	≤2,50	≤0,32	≤3,50
S	Super leghe resistenti al calore	200-320	20-90	≤0,10	≤1,50	≤0,15	≤2,50	≤0,16	≤3,50
H	Acciai temprati	40-55 HRC	-	≤0,12	≤1,50	≤0,18	≤2,50	≤0,25	≤3,50

Tipo di inserto: ODHW..

ISO	Tipo di acciaio	HB (Brinell)	V _c (mm/min)	Alimentazione f _z (mm/t)
		Grado	CH6920	ODHW 060508 TN
P	Acciai non legati	125-220	225-355	0,15-0,35
	Acciai bassa tenacità	220-280	160-250	0,10-0,25
	Acciai alta tenacità	280-380	130-175	0,10-0,22
M	Martensitico	200-330	185-240	0,10-0,35
	Austenitico	200-330	145-190	0,10-0,25
	Austenitico / Ferritico	230-260	120-155	0,10-0,20
K	Ghisa malleabile	130-230	140-185	0,10-0,35
	Ghisa grigia	180-245	120-160	0,10-0,25
	Ghisa nodulare	160-250	105-135	0,10-0,20
S	Super leghe resistenti al calore	200-320	30-90	0,10-0,25

Tipo di inserto: SEHT1204..

ISO	Tipo di acciaio	HB (Brinell)	V _c (mm/min)	Alimentazione f _z (mm/t)
		Grado	CH6920	SEHT 1204 AFTN
P	Acciai non legati	125-220	150-230	0,10-0,30
	Acciai bassa tenacità	220-280	140-220	0,10-0,30
	Acciai alta tenacità	280-380	130-180	0,10-0,30
M	Martensitico	200-330	120-160	0,10-0,30
	Austenitico	200-330	100-150	0,10-0,30
	Austenitico / Ferritico	230-260	70-110	0,10-0,30
K	Ghisa malleabile	130-230	150-280	0,10-0,35
	Ghisa grigia	180-245	130-230	0,10-0,35
	Ghisa nodulare	160-250	80-190	0,10-0,35
N	Alluminio Materiali non ferrosi	30-130	-	-
S	Super leghe resistenti al calore	200-320	20-90	-

MILLING PARAMETERS
Tabella N. 55
Tipo di inserto: SE..13T3

ISO	Tipo di acciaio	HB (Brinell)	V _c (mm/min)		Alimentazione f _z (mm/t)
		Grado	CH6920	SEHT 13T3 AGSN	
P	Acciai non legati	125-220	150-230	0,10-0,40	
	Acciai bassa tenacità	220-280	140-220	0,10-0,40	
	Acciai alta tenacità	280-380	130-180	0,10-0,35	
M	Ferritico/Martensitico	200-330	120-160	0,10-0,30	
	Austenitico	200-330	100-150	0,10-0,30	
	Austenitico / Ferritico	230-260	70-110	0,10-0,20	
K	Ghisa malleabile	130-230	150-280	0,10-0,40	
	Ghisa grigia	180-245	130-230	0,10-0,40	
	Ghisa nodulare	160-250	80-190	0,10-0,35	
N	Alluminio Materiali non ferrosi	30-130	-	-	
S	Super leghe resistenti al calore	200-320	20-90	0,10-0,25	

Tipo di inserto: APKT 1640 - APKT 1003

ISO	Tipo di acciaio	HB (Brinell)	V _c (mm/min)		Alimentazione f _z (mm/t)
		Grado	CH6920	APKT 10... PDSR-X APKT 16... PDSR-X	
P	Acciai non legati	125-220	150-230	0,10-0,25	
	Acciai bassa tenacità	220-280	140-220	0,10-0,20	
	Acciai alta tenacità	280-380	130-180	0,10-0,20	
M	Martensitico	200-330	-	-	
	Austenitico	200-330	-	-	
	Austenitico / Ferritico	230-260	-	-	
K	Super leghe resistenti al calore	130-230	150-280	0,10-0,25	
		180-245	130-230	0,10-0,25	
		160-250	80-190	0,10-0,20	

Tipo di inserto: VCGX 220530 LN

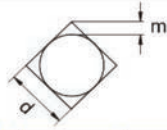
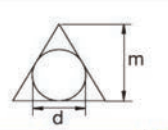


ISO	Tipo di acciaio	HB (Brinell)	V _c (mm/min)	Alimentazione f _z (mm/t)
		Grado	CH6910	VCGX 220530 LN
N	Alluminio Materiali non ferrosi	30-130	350-1000	0,20-0,50

IDENTIFICATION SYSTEM FOR ROTATING INSERTS

Tabella N. 56

H	120°	M	86°
O	135°	V	35°
P	108°	W	80°
S	90°	L	90°
T	60°	A	85°
C	80°	B	82°
D	55°	K	55°
E	75°	R	
F	50°	X	Geometrie speciali

Simbolo forma inserto

Inserto triangolare con sfaccettatura (tagliente secondario)

Simbolo	m (mm)	d (mm)	s (mm)	Dimensione dettagliata dell'inserto in Classe M Tolleranze dell'inserto altezza (mm)						
A	±0.005	±0.025	±0.025	Cerchio inscritto	△	S	C	D	V	
F	±0.005	±0.013	±0.025		6.35	±0.08	-	-	-	-
C	±0.013	±0.025	±0.025	H	±0.08	±0.08	±0.08	±0.11	±0.13	
E	±0.025	±0.025	±0.025	12.70	±0.13	±0.13	±0.13	±0.15	-	
G	±0.025	±0.025	±0.13	15.875	±0.15	±0.15	±0.15	±0.18	-	
J	±0.005	±0.05-±0.13	±0.025	19.05	±0.15	±0.15	±0.15	±0.18	-	
K*	±0.013	±0.05-±0.13	±0.025	25.40	-	±0.18	-	-	-	
L*	±0.025	±0.05-±0.13	±0.025	31.75	-	±0.25	-	-	-	
M*	±0.08-±0.18	±0.05-±0.13	±0.13	Tolleranze del cerchio inscritto (mm)						
N*	±0.08-±0.18	±0.05-±0.13	±0.025	Cerchio inscritto	△	S	C	D	V	R
U*	±0.13-±0.38	±0.08-±0.25	±0.13		6.35	±0.05	-	-	-	-
				9.525	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
				12.70	±0.08	±0.08	±0.08	±0.08	-	±0.08
				15.875	±0.10	±0.10	±0.10	±0.10	-	±0.10
				19.05	-	-	-	-	-	±0.10
				25.40	-	±0.13	-	-	-	±0.10
				31.75	-	±0.20	-	-	-	±0.12

* Di norma i lati di questi inserti sono sinterizzati.
La tolleranza dipende dalla misura. Per l'accuratezza in Classe M, fare riferimento alla tabella da destra

Simbolo tolleranze

A	B	C	D	E
3°	5°	8°	15°	20°
F	G	N	P	O
25°	30°	0°	11°	Altro angolo di spoglia

Simbolo angolo di spoglia normale

ISO T C M T

Tipo di rompitrucolo e/o di bloccaggio

Metrico														
Sim.	Tipo	Tipo di foro	Rompitrucolo	Forma	Sim.	Tipo	Tipo di foro	Rompitrucolo	Forma	Sim.	Tipo	Tipo di foro	Rompitrucolo	Forma
W	Con foro	Foro tondo Una fresa (40°-60°)	Senza rompitrucolo		H	Con foro	Foro tondo Doppia fresa (70°-90°)	Rompitrucolo su un lato		G	Con foro	Foro tondo	Rompitrucolo sui due lati	
T	Con foro		Rompitrucolo su un lato		C	Con foro	Foro tondo Doppia fresa (70°-90°)	Senza rompitrucolo		N	Senza foro	-	Senza rompitrucolo	
Q	Con foro	Foro tondo Doppia fresa (40°-60°)	Senza rompitrucolo		J	Con foro	Foro tondo Doppia fresa (70°-90°)	Rompitrucolo sui due lati		R	Senza foro	-	Rompitrucolo su un lato	
U	Con foro		Rompitrucolo sui due lati		A	Con foro	Foro tondo	Senza rompitrucolo		F	Senza foro	-	Rompitrucolo sui due lati	
B	Con foro	Foro tondo Doppia fresa (70°-90°)	Senza rompitrucolo		M	Con foro	Foro tondo	Rompitrucolo su un lato		X	-	-	-	Su richiesta

IDENTIFICATION SYSTEM FOR ROTATING INSERTS

Tabella N. 57

R	V	D	C	S	T	W	Ø CI		Simbolo ANSI
							mm	pollici	
-	06	04	-	03	06	02	3,97	5/32	1,20
-	08	05	04	04	08	L3	4,76	3/16	1,50
-	09	06	05	05	09	03	5,56	7/32	1,80
06**	-	-	-	-	-	-	6,00	0,236	
06*	11	07	06	06	11	04	6,35	1/4	2,00
07*	13	09	08	07	13	05	7,94	5/16	2,50
08*	-	-	-	-	-	-	8,00	0,315	
09*	16	11	09	09	16	06	9,525	3/8	3,00
10**	-	-	-	-	-	-	10,00	0,394	
12**	-	-	-	-	-	-	12,00	0,472	
12*	22	15	12	12	22	08	12,70	1/2	4,00
15*	27	19	16	15	27	10	15,875	5/8	5,00
16**	-	-	-	-	-	-	16,00	0,63	
19*	33	23	19	19	33	13	19,05	3/4	6,00
20**	-	-	-	-	-	-	20,00	0,787	
25**	-	-	-	-	-	-	25,00	0,984	
25*	44	31	25	25	44	17	25,40	1,00	8,00
31*	54	38	32	31	54	21	31,75	1 1/4	10,00
32**	-	-	-	-	-	-	32,00	1,26	

* Designazione ANSI
Raggio = 00

** Designazione Metrica
Raggio = MO

Simbolo della misura dell'inserto

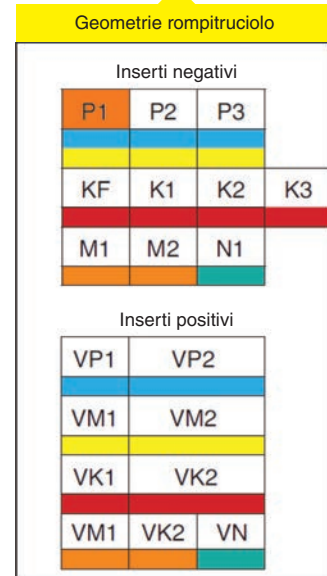


Simbolo spessore inserto

ISO	mm	ANSI	pollici
01	1,59	1	0,062
T1	1,98	1,2	0,078
02	2,38	1,5	0,094
03	3,18	2	0,125
T3	3,97	2,5	0,156
04	4,76	3	0,188
05	5,56	3,5	0,219
06	6,35	4	0,250
07	7,94	5	0,312
09	9,52	6	0,375
12	12,70	8	0,500

Simbolo configurazione angolo

ISO	mm	pollici	ANSI
00	Punta affilata		0
02	0,20	.008	0,5
04	0,40	.015	1
08	0,80	.032	2
12	1,2	.047	3
16	1,6	.062	4
20	2,0	.078	5
24	2,4	.094	6
28	2,078	.109	7
32	3,18	.125	8
	Inserto tondo		0



CHOICE OF ALLOYS

Tabella N. 58

	Acciai malleabili		Acciai non ferrosi
	Acciai inossidabili		Acciai refrattari
	Ghise		

Gradi	P										M					K								N					S							
	05	10	15	20	25	30	35	40	45	50	10	20	30	40	50	05	10	15	20	25	30	35	40	05	10	15	20	25	30	10	15	20	25	30	35	40
CH5125	[Blue bar from 05 to 35]										[Yellow bar from 10 to 30]																									

CUTTING SPEED FOR ALL TURNING INSERTS

Tabella N. 59

ISO	Tipo di acciaio	HB (Brinell)	Rivestimento CVD	
			CH5125	
		Grado fn (mm/rot.)	04	08
P	Acciai non legati	125-170	170-240	150-215
	Acciai bassa tenacità	180-350	140-210	120-190
	Acciai alta tenacità	200-325	110-185	100-170
M	Ferritico / Martensitico	200-330	70-175	50-135
	Austenitico	180-330	70-175	55-130
	Austenitico / Ferritico	230-260	120-150	90-110

FORMULAS
Tabella N. 60
Fresatura

Avanzamento tavola, mm/min

$$v_f = f_z \times n \times Z_n$$

Velocità di taglio, m/min

$$v_c = \frac{\pi \times DC_{ap} \times n}{1000}$$

Velocità di rotazione mandrino, giri/min

$$n = \frac{v_c \times 1000}{\pi \times DC_{ap}}$$

Avanzamento per dente, mm

$$f_z = \frac{v_f}{n \times Z_n}$$

Avanzamento per giro, mm/giro

$$f_n = \frac{v_f}{n}$$

 Volume di truciolo asportato, cm³/min

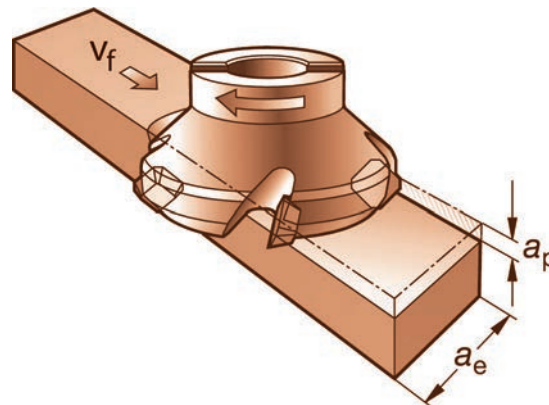
$$Q = \frac{AP \times a_e \times v_f}{1000}$$

Potenza netta, kW

$$P_c = \frac{a_e \times AP \times v_f \times k_c}{60 \times 10^6}$$

Coppia, Nm

$$M_c = \frac{P_c \times 30 \times 10^3}{\pi \times n}$$



a_e	Profondità di taglio assiale	mm
AP	Profondità di taglio	mm
DC_{ap}	Diametro di taglio a profondità di taglio AP	mm
D_m	Diametro lavorato (diametro del componente)	mm
f_z	Avanzamento per dente	mm
f_n	Avanzamento per giro	mm/giro
n	Velocità di rotazione mandrino	giri/min
v_c	Velocità di taglio	m/min
v_f	Avanzamento tavola	mm/min
Z_n	Numero di denti effettivi	pz
h_{ex}	Spessore massimo del truciolo	mm
h_m	Spessore medio del truciolo	mm
k_c	Forza di taglio speci fica	N/mm ²
P_c	Potenza netta	kW
M_c	Coppia	Nm
Q	Volume di truciolo asportato	cm ³ /min

Tornitura

Velocità di rotazione mandrino, giri/min

$$n = \frac{v_c \times 1000}{\pi \times D_m}$$

Tempo di lavorazione, min

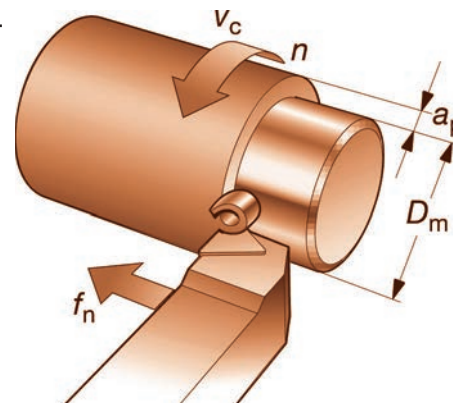
$$T_c = \frac{l_m}{f_n \times n}$$

 Volume di truciolo asportato, cm³/min

$$Q = v_c \times AP \times f_n$$

Velocità di avanzamento, mm/min

$$P_c = \frac{v_c \times AP \times f_n \times k_c}{60 \times 10^3}$$



D_m	Diametro lavorato	mm
f_n	Avanzamento per giro	mm/giro
AP	Profondità di taglio	mm
v_c	Velocità di taglio	m/min
n	Velocità di rotazione mandrino	giri/min
P_c	Potenza netta	kW
Q	Volume di truciolo asportato	cm ³ /min
h_m	Spessore medio del truciolo	mm
h_{ex}	Spessore massimo del truciolo	mm
T_c	Tempo di contatto	min
l_m	Lunghezza lavorata	mm
k_c	Forza di taglio specifica	N/mm ²



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