

SICUTOOL UTENSILI 2017



SICUTOOL



Copertina interattiva



Conditions of Sale

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

ORDERS

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.

Sicutool Newsletter

The newsletter is binding for communications for catalogue variations (technical characteristics, items no longer available, user instructions, etc.). To subscribe, send a request to news@sicutool.it.

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.



Sicutool Utensili 2017

The “augmented” catalogue



AUGMENTED REALITY

Thanks to AR technology, scanning the “augmented reality” pages of the Sicutool Utensili Catalogue 2017 with your smartphone or tablet, you can access additional content:

- Videos
- Use instructions
- Technical details
- Answers to FAQ
- Notifications.

The number of “augmented” pages will increase during the entire validity of the catalogue, keeping it always live.

How to access “augmented” content in **3** simple steps



INTERACTIVE PRINT



Download the free Layar app



Scan the catalogue page



Access additional content

1. DOWNLOAD THE FREE LAYAR APP

Download the free Layar app on your smartphone or tablet, available for iOS and Android.

Use the QR code to the side to directly download the Layar app.




2. SCAN THE CATALOGUE PAGE

Focus and scan an “augmented” page of the Sicutool Tools Catalogue 2017.

3. ACCESS ADDITIONAL CONTENT

In an instant, on your smartphone or tablet the additional contents will appear: videos, use instructions, technical details, answers to frequently asked questions, notifications...

WHAT ARE AUGMENTED PAGES?

The “augmented” pages are recognisable by the logo 

LIST OF NEW AUGMENTED PAGES

Until the catalog is valid, we will publish further, additional content, increasing the number of “augmented” pages.

For the list of new “augmented” pages, subscribe to our Newsletter (news@sicutool.it) o visit the page www.sicutool.it/ar.



SICUTOOL

1 THREADING MACHINES FOR HYDRAULICS



2 PLIERS, CUTTERS, SHEARS, TOOLS FOR BENDING



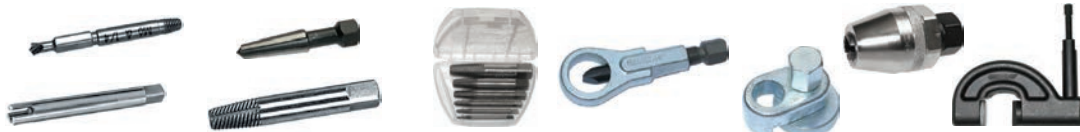
3 WRENCHES, TROLLEYS, WORKSHOP FURNITURES



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 MEASUREMENT TOOLS



12 TOOLS FOR GLASS, WOOD, LINOLEUM ABRASIVES



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Sicutool Calibration Services Torque Calibration

SICUTOOL AND PRORE



Through Prore s.r.l., Sicutool offers torque calibration services for all brand of torque tools:

- Torque wrenches
- Torque screwdrivers
- Direct reading torque screwdrivers
- Torque meter benches.

The Certificate guarantees reference to national reference samples, with the measurement uncertainties indicated in the accreditation table.

PRORE AND THE ACCREDIA LAT CENTRE NO. 0145

Prore s.r.l. is the Calibration Centre accredited by ACCREDIA LAT N. 0145.



LAT N° 0145
PER LA GRANDEZZA MOMENTO TORCENTE



Prore's business is regulated by a Quality Manager and the technical and management procedures comply with UNI CEI EN ISO/IEC 17025 standards. For more information, visit www.prore.it



SICUTOOL



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

Ratchet threaders		From 45G To 46G
Electric threading machines		55G
Accessories for threading		From 56 To 60

RATCHET THREADERS

45G

SCU



conic gas
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), resharppable. 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	inch	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	No.	4	5	6
45G	Each	297,00	355,00	399,00
Size		3	4	5
For pipes Ø	inch	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	No.	2	7	8
45G	Each	323,00	582,00	626,00

SPARE PARTS FOR RATCHET THREADERS 45 G - 46 G

Set of 4 right thread chasers.

For pipes Ø	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
O45GA	Per series	27,50	27,50	27,50	27,50	27,50	38,10	44,10	54,20

Right bushes with thread chasers.

For pipes Ø	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
O45GC	Each	48,10	48,10	48,10	48,10	52,50	61,20	103,00	103,00

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

O45GE	Each	88,60
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Loose ratchets for bushes from 1.1/2" to 2".

O45GF	Each	122,00
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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	17,10
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RATCHET THREADERS WITH EQUIPMENT

46G

SCU



conic gas
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), resharppable. 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	inch	1/2-3/4-1-1.1/4-1.1/2-2
Bushes	No.	6
46G	Each	685,00

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

ELECTRIC THREADING MACHINES

For BSPT RIGHT threads from 1/4" to 2".
 Fixed bench type, professional and powerful.
 750 Watt condenser engine, 220 Volt monophase-50 Hz.
 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 **5.010,00**

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 **490,00**

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

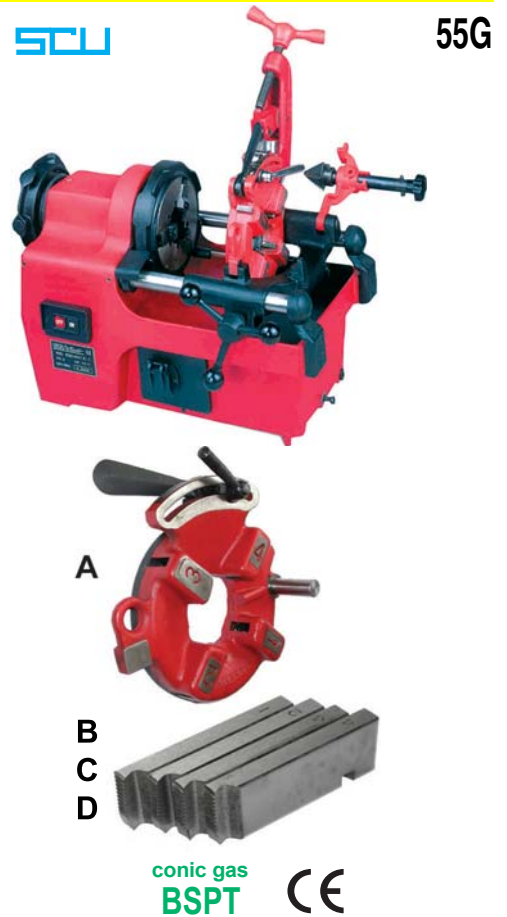
O55GB Per series **209,00**

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

O55GC Per series **209,00**

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

O55GD Per series **209,00**



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 **64,60**



PIPE SUPPORTS

Prod. SCU

Model with adjustable height ranging from 750 - 1,200 mm.

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 **465,00**



NEW!

NEWS CHAPTER 2



193GH

Self-Adjusting Wire Stripping Pliers
▶ P. 24



209PT

Insulated Terminals Sets
▶ P. 43

GEDORE



275GB

DIN 5256D Curved Pliers For Loose Retaining Internal Ring ▶ P. 49

GEDORE



277GB

DIN 5254B Curved Pliers For Loose Retaining External Rings ▶ P. 51



359GPE

Switch Key Universal Wrenches
▶ P. 72



362GC

Adjustable Pliers
▶ P. 75



514TE

Steel Threaded Rivets
▶ P. 107

GEDORE



548GD

Plastic Cutters
▶ P. 108



613GM

Electrical Cable Cutters
▶ P. 121



638E

Safety Scissor
▶ P. 128



644F

Paper Scissors
▶ P. 129



656L

Electrician's Scissors
▶ P. 131

GEDORE



780P 1

Tubing Benders For Light Metals
▶ P. 163



186E

Wire Stripper
▶ P. 23



197A

Cable Strippers
▶ P. 26

GEDORE



274GB

DIN 5256C Straight Pliers For Loose Retaining Internal Rings ▶ P. 48

GEDORE



276GB

DIN 5254A Straight Pliers For Loose Retaining External Rings ▶ P. 50



352GLE

Insulated Tools According To VDE Standards ▶ P. 58



359GPL

Switch Key Universal Wrenches
▶ P. 72



505T

Battery Riveters
▶ P. 103

GEDORE



548GA

Plastic Cutters
▶ P. 108

GEDORE



548GE

Plastic Cutters
▶ P. 108



638A

Safety Scissor
▶ P. 128



638G

Safety Scissor
▶ P. 128



648

Serving Scissor
▶ P. 130













760GFE

Screw Punches
▶ P. 150



PLIERS, CUTTERS, SHEARS, TOOLS FOR BENDING

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

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



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	12,10	12,20

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	12,10	12,20

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	13,20	13,40

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	13,50	13,50

90H

SCU



Product description as Art. 90A

With smooth, straight, half-round noses.

Overall length	mm	160
Jaws length	mm	28
90H	Each	13,50

90I

SCU



Product description as Art. 90A

With serrated, straight, half-round noses.

Overall length	mm	160
Jaws length	mm	28
90I	Each	13,50

90P

SCU



Product description as Art. 90A

With smooth, bent, flat noses.

Overall length	mm	140
Jaws length	mm	25
90P	Each	15,40

90R

SCU



Product description as Art. 90A

With serrated, bent, flat noses.

Overall length	mm	140
Jaws length	mm	25
90R	Each	15,60

Product description as Art. 90A

With smooth, bent, half-round noses.

Overall length	mm	140
Jaws length	mm	25

90S	Each	16,50
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90S

Product description as Art. 90A

With serrated, bent, half-round noses.

Overall length	mm	140
Jaws length	mm	25

90T	Each	16,50
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For bolt cutters of the same line, see Art. 550 K a 550 Z.


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	13,50
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92GA

Product description as Art. 92GA

With straight, round, smooth noses.

Overall length	mm	125
Jaws length	mm	25

92GC	Each	14,70
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92GC

Product description as Art. 92GA

With straight, half-round, knurled noses.

Overall length	mm	125
Jaws length	mm	23

92GE	Each	14,90
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92GE

Product description as Art. 92GA

With bent, half-round, smooth noses.

Overall length	mm	125
Jaws length	mm	25

92GL	Each	13,50
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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	15,60
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92GP

Product description as Art. 92GA

Universal pliers type, small and handy. Knurled noses.

Overall length	mm	125
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92GR	Each	16,60
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For cutters of the same line see Art. 551 G 3-5-7.


92GR

93G

SCU

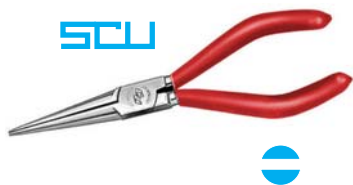


Product description as Art. 92GA
Assortment in hard plastic case.
The set contains 8 pcs.
Composition:
1 pliers Art. 92 GE
1 pliers Art. 92 GL
1 pliers Art. 92 GP
1 cutter Art. 551 G 3
1 cutter Art. 551 G 7
1 tweezers for electronics, fine tips mm 115
1 screwdriver for electronics, flat-tipped mm 50x2
1 screwdriver for electronics, cross-tipped PH 00

93G Each **101,00**

95GA

SCU



Made from 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 **41,70**

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 **44,30**

100A

SCU

INOX



Made from 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 spring-action opening. Polished finish.
Type with fine, straight, smooth, flat noses.

Overall length	mm	135
Jaws length	mm	23

106GA Each **52,90**



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	53,30
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GEDORE

106GF

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	59,50
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GEDORE

106GL

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	58,10
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GEDORE

106GP

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	57,20
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GEDORE

106GR

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	53,30
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For cutters in the same range see Art. 557 G to 557 GZ.

GEDORE

106GT

Prod. SCU

Made from 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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SCU
INOX
110A


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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SCU
INOX
110B


Product description as Art. 110A

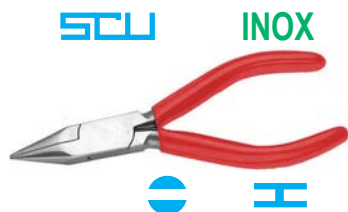
Type with straight, smooth, round noses.

Overall length	mm	130
Jaws length	mm	26

110C	Each	17,10
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SCU
INOX
110C


110E

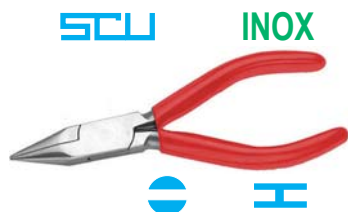


Product description as Art. 110A

Type with straight, smooth, half-round noses.

Overall length	mm	115	130
Jaws length	mm	23	26
110E	Each	17,20	17,20

110F

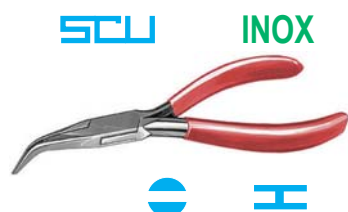


Product description as Art. 110A

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

Overall length	mm	130
Jaws length	mm	26
110F	Each	17,20

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

For bolt cutters of the same line, see Art. 560 A a 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

Overall length	mm	110
130A	Each	4,30

130C



Product description as Art. 130A

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

Overall length	mm	110
130C	Each	4,54

130D



Product description as Art. 130A

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

Overall length	mm	120
130D	Each	4,04

130E



Product description as Art. 130A

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

Overall length	mm	120
130E	Each	4,30

130F



Product description as Art. 130A

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

Overall length	mm	120
130F	Each	4,12

Product description as Art. 130A

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

Overall length	mm	135
130H	Each	4,34



SCU

INOX

130H

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 bag.

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
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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**



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**



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**



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



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**



Product description as Art. 135GP
 Type with fine, curved tips. With pin.
 Overall length mm 155
135GS Each **5,28**



In hardened steel, PCV-coated. Serrated tips.
 With rounded, straight tips.
 Overall length mm 145
136GA Each **5,10**



Product description as Art. 136GA
 With fine, curved tips.
 Overall length mm 155
136GB Each **5,40**



In hardened steel, insulation up to 1000 V. Nickel-plated finish.
 Serrated tips.
 With rounded, straight tips.
 Overall length mm 145
138GA Each **21,10**



Product description as Art. 138GA
 With fine, curved tips.
 Overall length mm 155
138GB Each **22,40**



In stainless steel. Polished finish. Self-locking, serrated tips.
 Overall length mm 160
139 Each **10,90**

PLASTIC TWEEZERS
Prod. SCU

Made from 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
146P	Each	4,08	4,94

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


In stainless steel
Printer's tweezers with serrated tips.

Overall length	mm	165
155	Each	3,92

SCU
INOX
155


Product description as Art. 155

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

Overall length	mm	160
159	Each	4,54

SCU
INOX
159


STEEL TWEEZERS WITH LENS

165



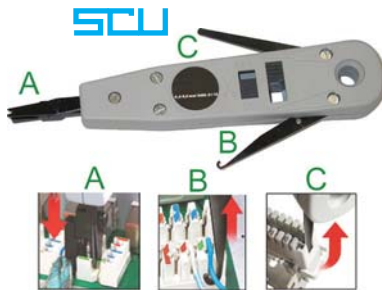
Prod. SCU

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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WIRE STRIPPERS FOR TEFLON INSULATION

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	19,40

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	13,10

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	12,50

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

WIRE STRIPPERS FOR FIBRE OPTICS

180G



For optical fiber

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 TEFLON INSULATION

181G



For 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	7,18	7,18	7,18	7,18

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	18,80



186E
new

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 cutting depth.

Overall length	mm	100
For cables with ext. Ø	mm	0,75 to 10
186G	Each	18,50



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 ext. Ø	mm	4,8 to 7,5
187G	Each	18,80



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 ext. Ø	mm	4,8 to 7,5
188G	Each	23,20



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 ext. Ø	mm	4 to 8
For cables with ext. Ø	mm	4 to 13
189G	Each	21,20



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	22,50

Spare blades for Art.190 G.

O190G	Per pair	5,26
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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	67,30

Spare blades for Art.190 GF.

O190GF	Per pair	5,26
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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	32,70



191GB

Prod. SCU

Product description as Art. 191GB. Polished jaws.

Overall length	mm	160
191GP	Each	25,50



191GP

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



SELF-ADJUSTING WIRE STRIPPING PLIERS
192GB GEDORE

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	72,40
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When stocks are depleted, we will provide pliers with handles in different form.

192GF SCU

Prod. SCU

Pistol-type.

Body made of polyamide and fiberglass. Insulated, for wires 0.2 to 6 sqmm. and cable cutter up to Ø 2mm.

Overall length mm 180

192GF	Each	28,30
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193G SCU


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	90,60
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193GF SCU


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	90,60
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193GH SCU
new


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	154,00
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193GL SCU


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 mm ²	0,03 to 10	2,5 to 16
Overall length mm	200	200

193GL	Each	118,00	166,00
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195GA

Orig. Marvel

Industrial type. In just one operation, it removes the rubber or plastic insulation from conductors. Length 180mm+H161.

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	54,10
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Product description as Art. 195GA
For conductors int. Ø from 1 to 3,2mm.

195GB Each **54,10**



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 **54,10**



195GD

Product description as Art. 195GA
Also for multiple wire conductors 1,25-16-28 sqmm .

195GP Each **62,70**

Product running out of stock



195GP

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 mm² 0.2 to 6
Overall length mm 170

196 Each **25,40**

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 mm² 0.5 to 16
Overall length mm 210

196G Each **77,10**

SCU

196G



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

Capacity for sections mm² 0.5 to 16
Overall length mm 210

196GE Each **77,10**

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 mm² 1.5 to 6
Overall length mm 210

196GP Each **91,30**

SCU

196GP



CABLE STRIPPERS

197A
new

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	36,60

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 (pcs 1/3,5x0,6 - pcs 2/4x0,8) working as a phase-detecting screwdriver. Voltage 110 to 250 V.

197G	Each	60,20
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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 section cables	mm ²	0,5 to 6
198G	Each	21,20

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	39,10

199GL

SCU

199GN



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	11,90	11,90

199GP

SCU

199GR



Product description as Art. 199GL

Art.....	199GP	199GR
Capacity for Ø	mm	28 to 35 35 to 50
Each	19,50	20,50

199GRE

SCU



Product description as Art. 199GL

With straight blade and hook, retractable.

Capacity for Ø	mm	4 to 28
199GRE	Each	16,10

199GS

SCU



Product description as Art. 199GL

With straight fixed blade and hook.

Capacity for Ø	mm	4 to 28
199GS	Each	14,10

199GT

SCU



Product description as Art. 199GL

Long straight fixed blade type.

Capacity for Ø	mm	4 to 28
199GT	Each	14,10

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	32,10


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.

Length 155 mm.

Capacity for Ø	mm	4 to 28
199GV	Each	48,90

Spare blades for Art.199 GV.

O199GV	Each	6,98
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199GV


For removing insulating cable conductor sleeves with circular and longitudinal incision. Body coated steel, steel blade.

Adjustable blade depth, bow cable sealing chuck.

Side button for the 90 ° blade orientation. Length 135 mm.

Capacity for Ø	mm	4.5 to 28.5
Blade max depth	mm	3
Weight	grams	120
200G	Each	41,20

For spare blades see Art. O200 GA.


200G


Product description as Art. 200G

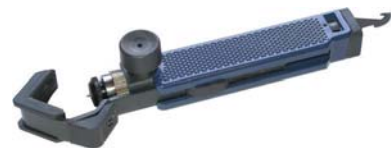
For removing insulating sheaths from conductors through circular and longitudinal cutting. Body made of coated steel, steel blade.

Blade depth adjustment, self-locking cable holding device.

Capacity for Ø	mm	4.5 to 28.5
Blade max depth	mm	3
Weight	grams	120
200GA	Each	46,70

Spare blades for Art.200 GA.

O200GA	Each	8,28
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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 blade. 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	117,00

Spare blades for Art.201 G.

O201GP	Each	14,10
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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	566,00

Spare blades for Art.202 GB.

O202G	Each	16,30
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202GB


202GC **SCU**



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	304,00

Spare blades for Art. 202 GC.

0202GC	Each	98,90
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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

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.

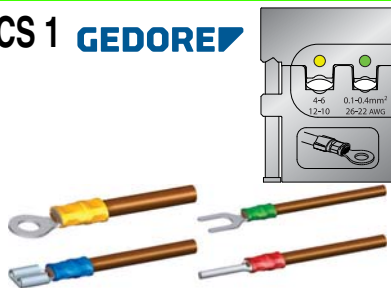
The pliers can be equipped with different modular bits.

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
202GCP	Each	112,00

202GCS 1 **GEDORE**

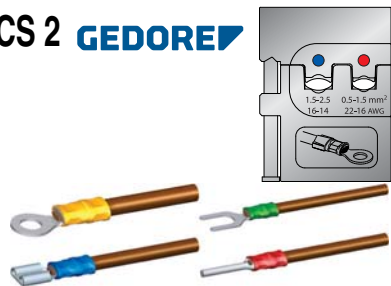


Orig. Gedore - Art. 8140-01

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	61,70

202GCS 2 **GEDORE**

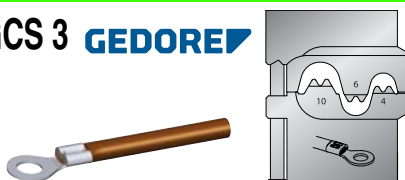


Orig. Gedore - Art. 8140-02

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	61,70

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	61,70

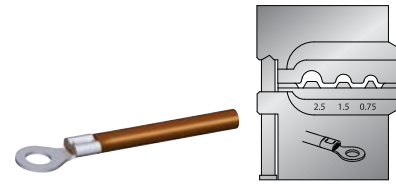
Orig. Gedore - Art. 8140-04

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	61,70



202GCS 4



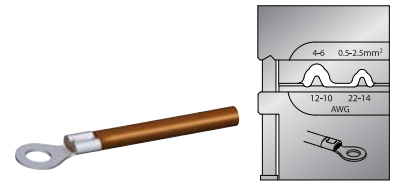
Orig. Gedore - Art. 8140-05

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	61,70



202GCS 5



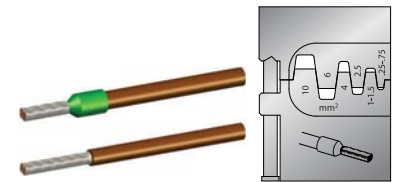
Orig. Gedore - Art. 8140-06

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Bush terminal	
For cables by	mm ²	0,25-10
202GCS 6	Each	61,70



202GCS 6



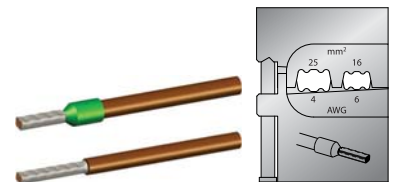
Orig. Gedore - Art. 8140-07

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Bush terminal	
For cables by	mm ²	16-25 (AWG 6-4)
202GCS 7	Each	74,10



202GCS 7



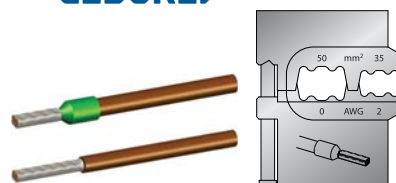
Orig. Gedore - Art. 8140-08

MODULAR BITS FOR PLIERS ART. 202 GCP

Connector type	Bush terminal	
For cables by	mm ²	35-50 (AWG 2-0)
202GCS 8	Each	74,10



202GCS 8



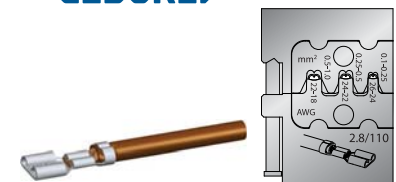
Orig. Gedore - Art. 8140-09

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	112,00



202GCS 9



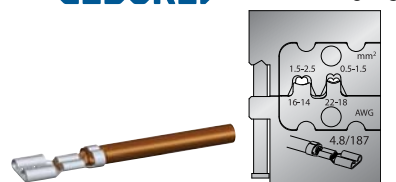
Orig. Gedore - Art. 8140-10

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	112,00



202GCS 10



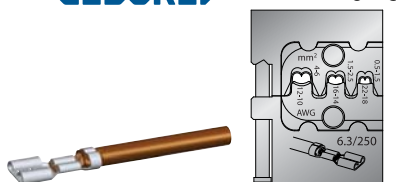
Orig. Gedore - Art. 8140-11

MODULAR BITS FOR PLIERS ART. 202 GCP

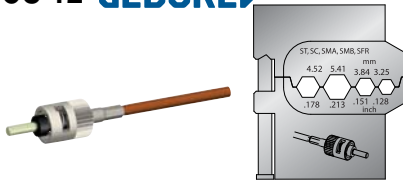
Connector type	Female platy terminals	
For cables by	mm ²	0,5-6 (AWG 22-10)
202GCS 11	Each	112,00



202GCS 11

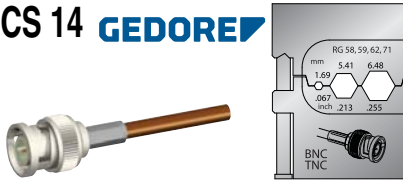


202GCS 12 GEDORE



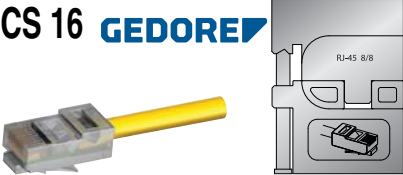
Orig. Gedore - Art. 8140-12
 MODULAR BITS FOR PLIERS ART. 202 GCP
 Connector type Optical fibers connectors
 For cables by mm² 4,52/5,41/3,84/3,25 (AWG 0,178/0,213/0,151/0,128)
202GCS 12 Each **74,10**

202GCS 14 GEDORE



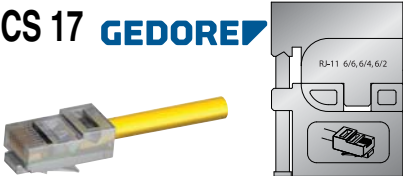
Orig. Gedore - Art. 8140-14
 MODULAR BITS FOR PLIERS ART. 202 GCP
 Connector type Coaxial connectors
 For cables by mm² 1,69/5,41/6,48 (AWG 0,067/0,213/0,255)
202GCS 14 Each **74,10**

202GCS 16 GEDORE



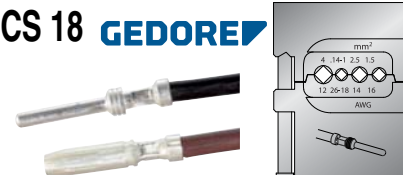
Orig. Gedore - Art. 8140-16
 MODULAR BITS FOR PLIERS ART. 202 GCP
 Connector type Telephone connectors
 For cables by mm² RJ-45 8/8
202GCS 16 Each **74,10**

202GCS 17 GEDORE



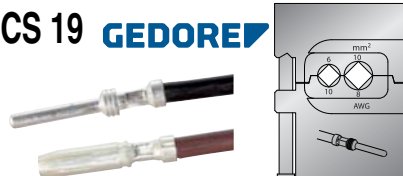
Orig. Gedore - Art. 8140-17
 MODULAR BITS FOR PLIERS ART. 202 GCP
 Connector type Telephone connectors
 For cables by mm² RJ-11 6/6 6/4 6/2
202GCS 17 Each **74,10**

202GCS 18 GEDORE



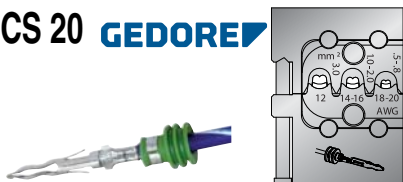
Orig. Gedore - Art. 8140-18
 MODULAR INSERTS FOR PLIERS ART. 202 GCP
 Connector type Power connectors
 For cables by mm² 0,14 - 4 (AWG 26-12)
202GCS 18 Each **112,00**

202GCS 19 GEDORE



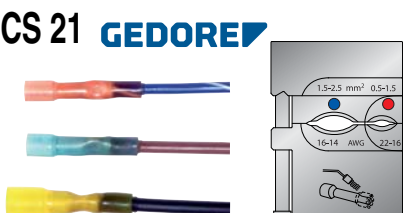
Orig. Gedore - Art. 8140-19
 MODULAR INSERTS FOR PLIERS ART. 202 GCP
 Connector type Power connectors
 For cables by mm² 6-10 (AWG 10-8)
202GCS 19 Each **94,10**
Product running out of stock

202GCS 20 GEDORE



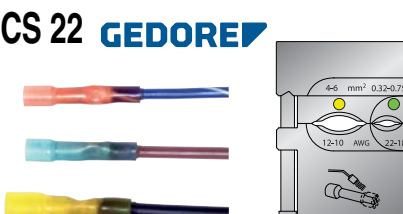
Orig. Gedore - Art. 8140-20
 MODULAR INSERTS FOR PLIERS ART. 202 GCP
 Connector type Connectors with sealing flap
 For cables by mm² 0,5 - 3 (AWG 20 - 12)
202GCS 20 Each **112,00**

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 **112,00**

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 **112,00**

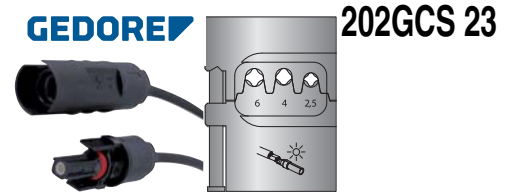
Prices in EURO - VAT not included

Orig. Gedore - Art. 8140-23

MODULAR INSERTS FOR PLIERS ART. 202 GCP

Connector type For TYCO SOLARLOK

For cables by	mm ²	2,5 - 4 - 6
202GCS 23	Each	153,00

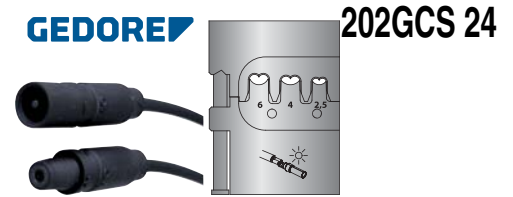


Orig. Gedore - Art. 8140-24

MODULAR INSERTS FOR PLIERS ART. 202 GCP

Connector type For MULTI CONTACT MC 3

For cables by	mm ²	2,5 - 4 - 6
202GCS 24	Each	153,00

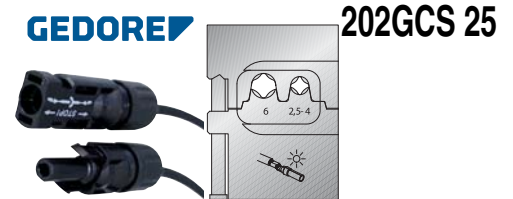


Orig. Gedore - Art. 8140-25

MODULAR INSERTS FOR PLIERS ART. 202 GCP

Connector type For MULTI CONTACT MC 4

For cables by	mm ²	2,5 - 4 - 6
202GCS 25	Each	175,00



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	461,00
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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	93,10
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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	93,10
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SPARE BITS FOR PLIERS ART. 202 GD

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

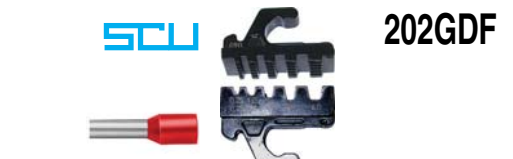
202GDE	Each	93,10
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SPARE BITS FOR PLIERS ART. 202 GD

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

202GDF	Each	93,10
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SPARE BITS FOR PLIERS ART. 202 GD

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

202GDL	Each	93,10
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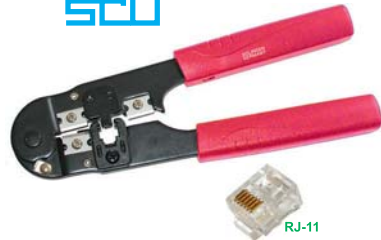
CRIMPING PLIERS FOR "WESTERN" PLUGS
202GE**SCU****Prod. SCU**

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	32,10
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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	34,20
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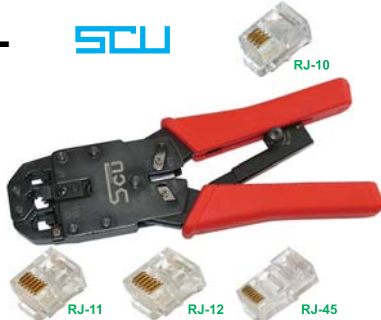
202GH**SCU**

Product description as Art. 202GE

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

Overall length mm 190

202GH	Each	36,30
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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 and 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	116,00
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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	84,70
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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, internal conductor 1,72mm, shielding 5,4 and 6,48mm.

Overall length mm 240

202GT	Each	59,80
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Not available spare inserts.

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	32,90



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 5
Stripper for cables by	mm ²	0.75 to 6
Overall length	mm	205
204G	Each	6,20



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 ²	220
205G	Each	20,30



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 ²	215
205G 8	Each	46,80



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	136,00



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	1.5 to 6
Overall length	mm	230
205GC	Each	59,80



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	156,00



205GE**Orig. Marvel**

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 mm² 1.5 to 2.5
Overall length mm 255

205GE Each **142,00**

205GF

Product description as Art. 205GE

Cable lugs for cables by mm² 2.5 to 5.5
Overall length mm 275

205GF Each **179,00**

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-insulated cable lugs for cables by mm² 1.5 to 6
Non-insulated cable lugs for cable by mm² 1.5 to 6
Bolt cutters by M2,6 to M5
Stripper for cables by mm² 0.75 to 6
Wire cutter by mm² 0.5 to 6
Overall length mm 235

205GT Each **23,90**

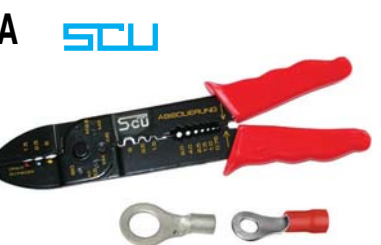
205GV

Product description as Art. 205GT

For pre-insulated and non-insulated terminals.

Pre-insulated cable lugs for cables by mm² 1.5 to 6
Non-insulated cable lugs for cables by mm² 1.5 to 6
Bolt cutters by M2,6 to M5
Stripper for cables by mm² 0.75 to 6
Wire cutter by mm² 0.5 to 6
Overall length mm 235

205GV Each **23,90**

205GVA**Prod. SCU**

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

For pre-insulated and non-insulated terminals.

Pre-insulated cable lugs for cables by mm² 1.5 to 6
Non-insulated cable lugs for cables by mm² 1.5 to 6
Bolt cutters by M2,6 to M5
Stripper for cables by mm² 0.75 to 6
Wire cutter by mm² 0.75 to 6
Overall length mm 220

205GVA Each **16,60**

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 mm² 1.5 to 6
Bolt cutters by M2,6 to M5
Stripper for cables by mm² 0.75 to 6
Wire cutter by mm² 0.5 to 6
Overall length mm 220

206G Each **20,30**

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 mm² 0.5 to 10
Stripper for cables by mm² 0.5 to 6
Wire cutter by mm² 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	142,00

GEDORE
206GB

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	59,80

SCU
206GC

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	149,00

Product running out of stock


206GD


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	90,50


206GE


Product description as Art. 206GE

Cable lugs for cables by	mm ²	1.5 to 16
Overall length	mm	240
206GF	Each	128,00


206GF


Product description as Art. 206GE

Cable lugs for cables by	mm ²	8 to 38
Overall length	mm	330
206GH 1	Each	170,00


206GH 1

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	354,00

SCU
206GH 50


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	362,00
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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	2.380,00
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Couples of spare and additional dies are available on request.

CRIMPING PLIERS FOR NON-INSULATED OPEN TERMINALS

207G**MARVEL****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	20,30
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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	46,80
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207GA**GEDORE****Orig. Gedore - Art. 8102**

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 6
Stripper for cables by	mm ²	0.5 to 6
Wire cutter by	mm ²	0.5 to 6
Overall length	mm	220

207GA	Each	173,00
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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	146,00
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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	62,10

Not available spare inserts.


207GC
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	149,00

Product running out of stock


207GD
CRIMPING PLIERS FOR END SLEEVES
Prod. SCU

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

Terminals for cables by	mm ²	0.25 to 2.5
Overall length	mm	155
207GH	Each	29,20


207GH

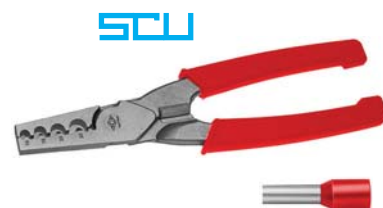
Product description as Art. 207GH

Terminals for cables by	mm ²	0.5 to 16
Overall length	mm	220
207GL	Each	39,10


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	39,10


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	62,10	62,10

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	218,00	278,00


207GPA

207GR

SCU



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 side or frontal terminal connection.

Terminals for cables by	mm ²	0.14 to 6
Overall length	mm	200
207GR	Each	336,00

207GS

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 hexagonal section cables and side connection of end sleeve terminals.

Terminals for cables by	mm ²	0.08 to 10
Overall length	mm	175
207GS	Each	246,00

207GV

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	mm ²	0.08 to 16
Overall length	mm	180
207GV	Each	227,00

207GVA

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 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	239,00	250,00

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	mm ²	0.5 to 6
Overall length	mm	265
207GZ	Each	128,00

END SLEEVES TERMINALS

208

SCU



Prod. SCU

Type for single cable

Made of pre-insulated tin-coated electrolytic copper DIN 46228/2

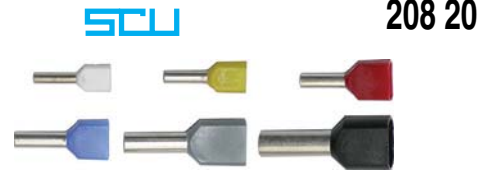
Pack of terminales mm² 0,5 to 6: 100 pcs.

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	
Jack length	mm	8	8	8	8	8	9	12	
Colour		orange	white	yellow	red	blue	grey	black	
208	Per pack	1,92	1,92	1,92	1,90	2,46	3,96	6,40	
For cables by	mm ²	10	16						
Jack length	mm	12	12						
Colour		ivory	green						
208	Per pack	4,74	5,62						

Specially designed for double cables having the same section.
 Made of pre-insulated tin-coated electrolytic copper DIN 46228/2.
 0.75- 4sqmm terminal package unit: 100 pcs.
 6sqmm terminal package unit: 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	Per pack	4,90	4,94	5,18	5,88	17,80	11,50



PREINSULATED TERMINALS

Prod. SCU

Made of electrolytic copper, 99,9 insulated surface.
 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	Per pack	10,50	8,82	10,00	9,60	9,46	10,50	17,90



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	Per pack	12,60	10,70	10,90	9,50	9,70	10,90	13,10



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	Per pack	8,58	8,06	8,10	8,44	10,50



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	Per pack	9,28	9,10	8,64	9,50	11,10



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	Per pack	9,88	9,76	9,32	10,50	11,80



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	Per pack	8,74	7,96	7,94	9,22	25,10



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

Product description as Art. 208A

PIN TYPE

RED

for 0.25-1.5sqmm cables

Ø	mm	1,8
Length	mm	12
208G	Per pack	9,60



Product description as Art. 208A

PIN TYPE

BLUE

for 1.5-2.5sqmm cables

Ø	mm	1,8
Length	mm	12
208H	Per pack	10,10



208I**SCU**

Product description as Art. 208A

PIN TYPE

YELLOW

for 4-6sqmm cables

Ø	mm	2,6
Length	mm	14
208I	Per pack	8,34

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	Per pack	15,40

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	Per pack	18,20

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	Per pack	12,60

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	Per pack	22,10

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	Per pack	24,40	24,80

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	Per pack	13,60

208N**SCU**

Product description as Art. 208A

CYLINDRICAL MALE TYPE

RED

for 0.25-1.5sqmm cables

external Ø	mm	4
Length	mm	8,7
208N	Per pack	18,80

208P**SCU**

Product description as Art. 208A

CYLINDRICAL MALE TYPE

BLUE

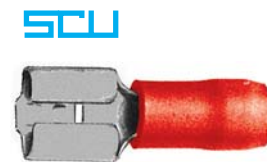
for 1.5-2.5sqmm cables

external Ø	mm	4	5
Length	mm	8,7	8,7
208P	Per pack	19,20	18,60

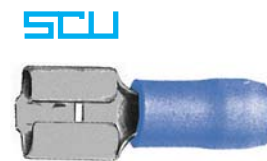
Product description as Art. 208A
 CYLINDRICAL MALE TYPE
 YELLOW
 for 4-6sqmm cables
 external Ø mm 5
 Length mm 10
208P 1 Per pack **12,10**


208P 1

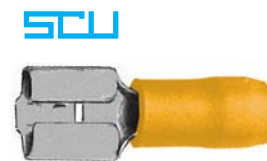
Product description as Art. 208A
 LAMINATE FEMALE TYPE
 RED
 for 0.25-1.5sqmm cables
 Width mm 6,6
 Length mm 7,8
208Q Per pack **18,50**


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 Per pack **18,90**


208R

Product description as Art. 208A
 LAMINATE FEMALE TYPE
 YELLOW
 for 4-6sqmm cables
 Width mm 6,6
 Length mm 7,8
208S Per pack **13,50**


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 Per pack **20,40**


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 Per pack **20,80**


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 Per pack **13,10**


208SE

Product description as Art. 208A
 LAMINATE MALE TYPE
 RED
 for 0.25-1.5sqmm cables
 Width mm 6,3
 Length mm 8
208T Per pack **18,20**


208T

Product description as Art. 208A
 LAMINATE MALE TYPE
 BLUE
 for 1.5-2.5sqmm cables
 Width mm 6,3
 Length mm 8
208U Per pack **18,90**


208U

208V**SCU**

Product description as Art. 208A

LAMINATE MALE TYPE

YELLOW

for 4-6sqmm cables

Width	mm	6,3
Length	mm	8
208V	Per pack	10,40

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	Per pack	25,60

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	Per pack	24,80

NON-INSULATED OPEN TERMINALS**209A****SCU****Prod. SCU**

Made of brass. Terminals package unit: 100 pcs.

RING TYPE

for 0.5-1sqmm cables

internal Ø	mm	3,2	4,3	5,1
209A	Per pack	9,52	5,90	11,10

Product description as Art. 209A

RING TYPE

for 1-2.5sqmm cables

internal Ø	mm	3,2	4,3	5,1
209B	Per pack	9,88	6,16	8,72

209E**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	Per pack	8,18

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	Per pack	9,06

209M**SCU**

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	Per pack	8,74

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	Per pack	7,22

SLEEVES**209PA****SCU****Prod. SCU**

Sleeves in polyethylene.

For flat female laminar type terminals Art. 209 E-F.

Sleeve package unit: 1000 pcs.

209PA	Per pack	29,60
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Product description as Art. 209PA
 For laminate male flat terminals Art. 209 M-N.
 Sleeves package unit: 500 pcs.

209PB Per pack **19,70**



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 easy to use case.

209PT Each **382,00**

Set assortments are not binding.



209PT
new

300-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 practical case with removable trays.

209R Each **336,00**

Set assortments are not binding.



209R

300-pieces assorted set of insulated terminals complete with double lever professional pliers.

Package especially suited 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 case.

209T Each **248,00**

Set assortments are not binding.



209T

300-pieces assorted set of insulated terminals complete with double lever professional pliers supplied in handy case. Package especially suited 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 SB / 1 double lever pliers.

In case.

209V Each **270,00**

Set assortments are not binding.



209V

SHORT FLAT NOSE PLIERS

210GP

SCU



Prod. SCU

Made from 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	17,60	20,20

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	17,60	20,20

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	19,80

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	22,60

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	31,50

230GP

SCU



Prod. SCU

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

Overall length	mm	160
Jaws length	mm	50
230GP	Each	18,50

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

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	140	160
Jaws length	mm	40	50
231G	Each	21,60	22,00

Size mm 140 is running out of stock

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	30,10

Size mm 140 is running out of stock

GEDORE

231GB



Prod. SCU

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

Overall length	mm	160
Jaws length	mm	50
231GP	Each	18,90

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	140	160	200
Jaws length	mm	42	50	70
247G	Each	23,40	24,50	36,90

GEDORE

247G



Orig. Gedore - Art. 8135 JC

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

Overall length	mm	160	200
Jaws length	mm	50	70
248G	Each	32,30	40,30

GEDORE

248G



Prod. SCU

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

Overall length	mm	160	200
Jaws length	mm	50	75
249G	Each	15,90	18,40

Size mm 160 is running out of stock

SCU

249G



LONG STRAIGHT FLAT NOSE PLIERS WITH NIPPERS

Prod. SCU

In alloy steel.
Straight, long noses and side cutter. UNI 7925.

Overall length	mm	160	200
Jaws length	mm	58	76
249P	Each	27,20	30,20

SCU

249P



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	13,10	15,70

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	13,50	13,80	19,10

250GE

SCU



Product description as Art. 250GD

Polished head and insulated handles, in bi-component material.

Overall length	mm	160	200
Jaws length	mm	50	75
250GE	Each	18,40	23,10

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	22,20	22,20	28,90

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	28,20	28,90	33,90

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	40,80

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	30,20	35,00

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	13,50	16,40

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	18,30	23,10

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	22,80	27,50

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	25,00	32,70

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	33,50	40,70

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

Made from 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	28,50
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Product description as Art. 260GA

With 45° curved noses, total length 275mm.

260GB	Each	28,50
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Product description as Art. 260GA

With 90° curved noses, total length 260mm.

260GC	Each	28,50
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SCU

260GA

260GB

260GC



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

Prod. SCU

Made of 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	13,40	12,90	15,20	24,50

SCU

274



274GA GEDORE



Orig. Gedore - Art. 8000 J

Made of 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	17,10	17,10	17,90	20,60	35,50

274GB GEDORE
new

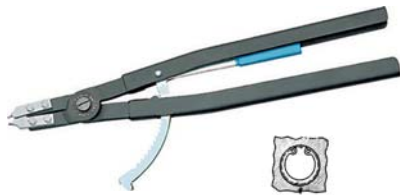


Orig. Gedore - Art. 8000 JE

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	21,10	21,10	22,70	27,30	42,20

274GF GEDORE
274GL
274GN



Orig. Gedore - Art. 8000 J

For rings as per DIN 472 and DIN 984.
Interchangeable straight tips. Made of 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		123,00	123,00	123,00

Spare tips for Art. 274 GF.

O274GF	Per pair	16,10
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Spare tips for Art. 274 GL

O274GL	Per pair	16,10
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Spare tips for Art. 274 GN

O274GN	Per pair	16,10
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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	529,00
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Spare tips for Art. 274 GN 6

Type		1J
O274GNA	Each	32,30

Type		2J
O274GNB	Each	32,30

Type		3J
O274GNC	Each	32,30

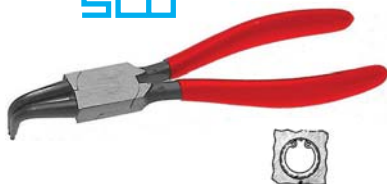
Type		4J
O274GND	Each	32,30

Type		5J
O274GNE	Each	32,30

Type		6J
O274GNF	Each	32,30

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

275 SCU



Prod. SCU

In CHROME-VANADIUM steel.
Hardened.
Burnished finish. Plastic-coated handles. Curved bits 90 °.

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	14,10	13,40	16,10	26,80

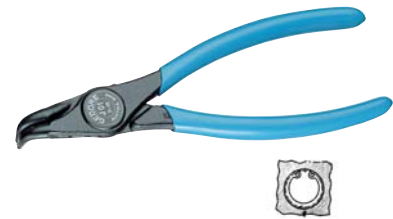
Orig. Gedore - Art. 8000 J

Made of 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	18,60	18,90	19,30	22,30	37,90

GEDORE

275GA



2

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	24,10	24,10	24,10	28,50	45,60

GEDORE

275GB
new



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

Made from 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	18,60	18,90	19,30	22,30

GEDORE

275GE



Orig. Gedore - Art. 8000 J

For rings as per DIN 472 and DIN 984.
Interchangeable curved tips. Made of 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	123,00	123,00	123,00

GEDORE

275GF
275GL
275GM



Spare tips for Art. 275 GF.

O275GF	Per pair	16,10
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Spare tips for Art. 275 GL

O275GL	Per pair	16,10
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Spare tips for Art. 275 GM

O275GM	Per pair	16,10
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DIN 5254A STRAIGHT PLIERS FOR LOOSE RETAINING EXTERNAL RINGS DIN 471 - DIN 983

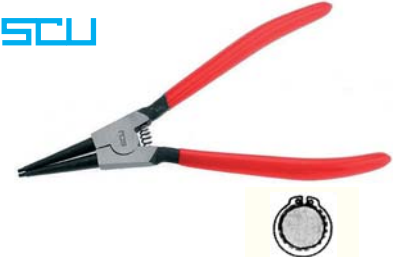
Prod. SCU

Made of chrome-vanadium steel.
Hardened.
Burnished. Plastic-coated handles.

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	11,90	13,30	16,50	25,80

SCU

276



Orig. Gedore - Art. 8000 A

Made of 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	19,40	18,50	20,30	24,10	40,90

GEDORE

276GA



276GB **GEDORE**
new



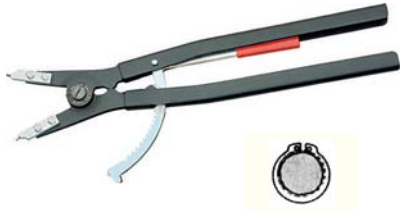
Orig. Gedore - Art. 8000 AE

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	23,50	22,20	23,50	29,10	46,80

276GF **GEDORE**
276GL
276GN



Orig. Gedore - Art. 8000 A

For rings as per DIN 471 and DIN 983.

Interchangeable straight tips. Made of 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	124,00	124,00	124,00

Spare tips for Art. 276 GF.

O276GF	Per pair	16,10
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Spare tips for Art. 276 GL

O276GL	Per pair	16,10
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Spare tips for Art. 276 GN

O276GN	Per pair	16,10
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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	484,00
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Spare tips for Art. 276 GN 4

Type		1A
O276GNA	Each	28,20

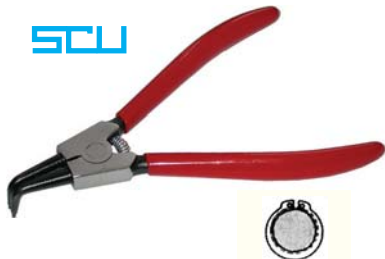
Type		2A
O276GNB	Each	28,20

Type		3A
O276GNC	Each	28,20

Type		4A
O276GND	Each	28,20

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

277 **SCU**



Prod. SCU

Made of 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	12,40	13,90	17,30	28,20

277GA **GEDORE**



Orig. Gedore - Art. 8000 A

Made of 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	21,40	20,30	22,20	25,10	44,50

2

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	25,60	24,20	26,60	31,60	52,30

GEDORE



277GB
new

Orig. Gedore - 8000 A

Made from 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	21,40	20,30	22,20	25,10

GEDORE



277GE

Orig. Gedore - Art. 8000 A

For rings as per DIN 471 and DIN 983.

Interchangeable bent tips. Made of 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	124,00	124,00	124,00

Spare tips for Art. 277 GF.

O277GF	Per pair	16,10
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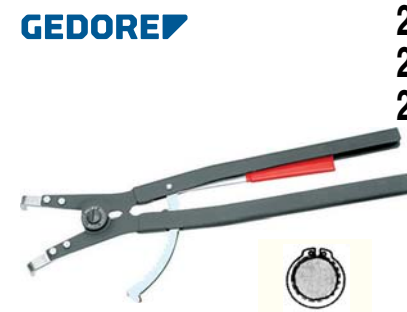
Spare tips for Art. 277 GL

O277GL	Per pair	16,10
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Spare tips for Art. 277 GN

O277GN	Per pair	16,10
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GEDORE



277GF
277GL
277GN

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	37,40

SCU



278G

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 tips.

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	38,80	38,80	40,20

GEDORE



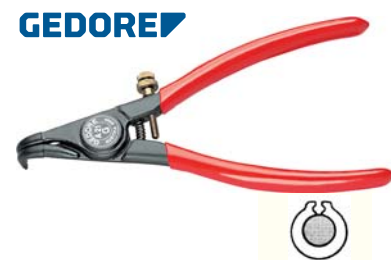
279GA

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	38,80	38,80	40,20

GEDORE



279GB

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 **79,90**
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 **81,30**
CRIMPING PLIERS TO STOP WATER FLOWING INTO PIPES
282E SCU

Prod. SCU

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	14,80	24,60	37,20

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	32,30	47,80	65,50

HOSE CLAMP PLIERS
283G SCU

Prod. SCU

Made from 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	45,60

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	48,30

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	49,80

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	68,60

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

SCU

283GL



Made from 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	50,70

SCU

284G



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	44,10
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To clamps "CLIC" see Art. 3474 VL.

SCU

285G



HOSE CLIP PLIERS

Orig. Klann - Art. KL-0121-90

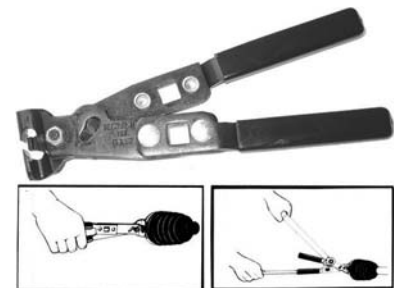
Professional type made from special steel, very sturdy, plastic-coated handles. Double point rotation hinge to reduce stress. 1/2" square drives on arms for torque wrench clamping. Plastic-coated handles. Suitable for clamping hose clips Art. 3474 Z without damaging the pipe. Overall length 235 mm.

285GE	Each	153,00
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GEDORE

1/2"

285GE



Prod. SCU

Professional type in 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.

285GL	Each	60,90
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Cable tie two ears see Art. 3474 Z.

SCU

1/2"

285GL



UNIVERSAL PLIERS, TYPE FIT

Prod. SCU - Orig. FIT

Made of 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	49,10

MARVEL

290G



COMBINATION PLIERS
320G**SCU****Prod. SCU**

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

Overall length	mm	180	200
320G	Each	8,48	9,56

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	13,60	15,70	18,40

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	15,40	16,90	21,50

332GE**SCU**

Product description as Art. 332GA

Polished head. Insulated handles, in bi-component material.

Overall length	mm	160	180	200
For hard wires up to Ø	mm	1.8	2.5	2.8
332GE	Each	19,20	20,40	23,40

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	20,70	21,50	23,30

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	29,90	25,00	27,20	30,50

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	27,20	28,70	32,10

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	33,40	34,90	39,40

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	23,40	24,80	28,90

GEDORE

343G



ADVANCED HINGE
+35% OF POWER

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	33,60	34,60

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

GEDORE

345G



ADVANCED HINGE
+35% OF POWER

Orig. Gedore - Art. 8248-160 JC

Model with head inclined at 60°, tapered, for comfortable, fast and prologued use. Made of 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	36,70

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.

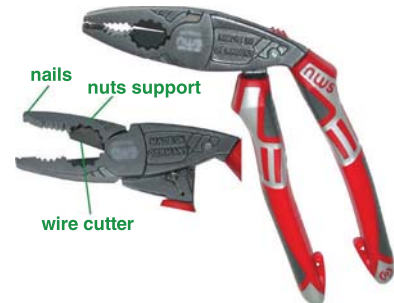
Knurled noses with nail-holder suitable for clamping round, flat bodies. Ring spanner wrench-equipped for 10-17mm bolt tightening (M 8 - M 10).

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	41,80

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	74,40
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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	104,00
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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 **90,10**

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 **124,00**

ASSORTED PLIERS, CUTTERS AND WIRE STRIPPING PLIERS

347GR GEDORE



Orig. Gedore - Art. S 8200 JC

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

- 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 **129,00**

INSULATED TOOLS ACCORDING TO VDE STANDARDS

350GA SCU



Prod. SCU - Orig. Wiha

Tools insulated up to 1000 Volts 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	2-8
Scale division		0,1 Nm	0,2 Nm	0,25 Nm
Overall length	mm	131	138	142
350GA	Each	254,00	264,00	282,00

350GB SCU



Tools insulated up to 1000 Volts with VDE - EN 60900 test mark.

BLADES FOR DYNAMOMETRIC HANDLES ART. 350 GA

Made of 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	8,66	8,66	10,10	10,10	10,10

350GC SCU



Product description as Art. 350GB

With PHILLIPS tip.

Size		1	2
For screws	M	2-3	3,5-5
350GC	Each	10,10	10,10

Product description as Art. 350GB

With POZIDRIV tip.

Size		1	2
For screws	M	2-3	3,5-5
350GE	Each	10,10	10,10



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	11,50	11,50



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	11,50	11,50



350GH



Product description as Art. 350GB

With TORX tip.

TORX size		8	10	15	20	25
For screws	M	2,5	3	3,5	4	5
350GL	Each	11,20	11,20	11,20	11,20	11,20



350GL



Tools insulated up to 1000 Volts 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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350GP



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

Insulated up to 1000 Volts and officially controlled tools under voltage-VDE – EN 60900.

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	35,30

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	51,10



352GA



Orig. Gedore - Art. VDE 8132H-DIN ISO 5745

Insulated up to 1000 Volts and officially controlled tools under voltage-VDE – EN 60900.

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	30,70	42,10



352GD



352GE **GEDORE**



Orig. Gedore - Art. VDE 8132-DIN ISO 5745

Product description as Art. 352GD

Dipped insulated

Overall length	mm	160	200
352GE	Each	46,10	49,50

352GE 3 **GEDORE**



Orig. Gedore - Art. VDE 8122H-DIN ISO 5745

Insulated up to 1000 Volts and officially controlled tools under voltage-VDE – EN 60900.

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	34,70

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	51,10
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352GH **GEDORE**



Orig. Gedore - Art. VDE 8132 AB-H

Insulated up to 1000 Volts and officially controlled tools under voltage-VDE – EN 60900.

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	38,80	42,20

352GL **GEDORE**



Orig. Gedore - Art. VDE 8132 AB

Product description as Art. 352GH

Dipped insulated

Overall length	mm	160	200
352GL	Each	51,40	54,40

352GLE **GEDORE**

new



Orig. Gedore - Art. VDE 8131 AB-H

Insulated tools up to 1000 Volts and officially controlled tools under voltage-VDE – EN 60900.

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.

Insulation for coating.

Overall length	mm	200
352GLE	Each	51,60

352GM **GEDORE**



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

Insulated up to 1000 Volts and officially controlled tools under voltage-VDE – EN 60900.

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	36,70	37,10	39,80



ADVANCED HINGE
+35% OF POWER



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

Product description as Art. 352GM

Dipped insulated

Overall length	mm	160	180	200	225
352GN	Each	45,10	46,70	49,50	55,10

GEDORE
352GN

ADVANCED HINGE
+35% OF POWER

Orig. Gedore - Art. VDE 8098H

Insulated up to 1000 Volts and officially controlled tools under voltage-VDE – EN 60900.

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	37,10

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	47,80

GEDORE
352GR

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

Insulated up to 1000 Volts and officially controlled tools under voltage-VDE – EN 60900.

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	34,10	34,30	48,60	52,20

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	44,10	45,10	57,90	62,90

GEDORE
352GT

Orig. Gedore - Art. VDE 8367

Tools which can be insulated at up to 1,000 volts 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	57,20

GEDORE
352GV


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 **76,90**
353GA GEDORE

Orig. Gedore - Art. VDE 4507-4

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 8 to 56

Overall length mm 310

Square drive inch 1/2

Weight Kg 1

353GA Each **692,00**
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	26,10	26,10	26,90	26,80	26,80	29,10	28,90	29,10

Opening mm	17	19	22	24	27	30	32
Overall length mm	160	175	200	220	245	265	280
353GB Each	28,90	29,20	36,10	39,50	43,60	43,60	49,10

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	33,70	33,60	38,40	38,40	39,80	40,60	42,30	42,20

Opening mm	17	19	22	24	27	30	32
Overall length mm	220	240	260	280	295	310	330
353GE Each	44,30	44,30	47,40	49,60	54,40	61,10	59,20

353GF GEDORE

Orig. Gedore - Art. VDE 2133-DIN 7445

Product description as Art. 352GV

NUT DRIVERS 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	14,80	14,40	14,40	17,60	18,80	20,60	22,20

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	24,20	25,80	29,50	33,40	24,20	27,30

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

353GL GEDORE

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

Product description as Art. 352GV

RATCHETS

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 **141,00**

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	40,20	52,70

GEDORE

353GM



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	90,20

GEDORE

353GN



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	23,10	23,10	23,10	23,10	23,10	23,10	23,70
Hexagon opening	mm	19	22	24	27	30	32	
353GP	Each	25,30	26,80	30,60	42,20	42,20	42,20	

GEDORE

353GP



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	45,80	45,80	45,80

GEDORE

353GR



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	6,62	6,84	7,88	9,30	10,40	13,80	15,10	19,20

GEDORE

353GS



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	7,66	9,76	13,50	15,10	21,20

GEDORE

353GT



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 pcs-DIN ISO 8764-1/pcs

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	9,38	10,90	15,70	17,20	22,30

For VDE insulated phase-detecting screwdrivers, see from Art. 1907 GL to 1907GV.

For VDE insulated electronic voltage testers, see from 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	18,40
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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	106,00
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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	136,00
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354GP **GEDORE**



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

Product description as Art. 352GV

ASSORTED SET OF SCREWDRIVERS

Assorted set of 7 items comprising:

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

Packed in carton case.

354GP	Each	49,50
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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

741,00

GEDORE

354GR



2

Orig. Gedore-Prod. SCU

Product description as Art. 352GV

ASSORTED SET OF TOOLS

Assorted set of 16 tools comprising:

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

379,02

GEDORE

354GS



Product description as Art. 352GV

ASSORTED SET OF TOOLS

Assorted set of 23 tools comprising:

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

770,70

GEDORE

354GV



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

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

29,70

SCU

355G



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	30,70

**355GE****SCU**

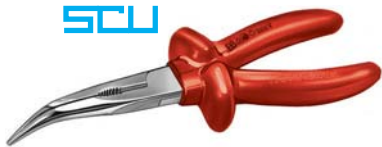
Prod. SCU - DIN 5236 A
Product description as Art. 355G
STRAIGHT HALF-ROUND NOSE PLIERS
With additionally hardened cutter.
Chrome-plated finish.

Overall length	mm	160	200
355GE	Each	32,70	36,10

**355GF****SCU**

Prod. SCU - DIN 5249
Product description as Art. 355G
STRAIGHT ROUND NOSE PLIERS
Chrome-plated finish.

Overall length	mm	160
355GF	Each	30,70

**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	34,10	37,60

**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	32,70	34,10	36,50

**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	35,90

**355GS****SCU**

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	35,40



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 annealed wires up to Ø	mm	2.3	2.5	3.5
355GT	Each	32,80	35,90	65,20

355GT


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	92,80

355GTE

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	40,60

355GV

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	40,60	40,90	40,90	40,90	43,10	43,10	44,20	
Opening	mm	22	24						
Overall length	mm	200	200						
355GVT	Each	52,40	52,40						

355GVT


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	30,90	32,30	37,90	39,10

355GZ


RATCHET TYPE



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	8,64	8,98	10,20	11,80	13,10	16,10

355GZA


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	16,50	17,50	18,80	20,10

355GZB


355GZC



Product description as Art. 355G
RATCHETS

With lever for right/left rotation.
Square connection 1/2" with bush retainer.

Overall length mm 240

355GZC Each **123,00**

355GZE



Product description as Art. 355G
T HANDLES

1/2" Square connection.

Overall length mm 200

355GZE Each **51,10**

355GZH



Product description as Art. 355G
INNER HEXAGONAL SLEEVES

1/2" Square connection.

Hexagon opening	mm	4	5	6	8	10
Overall length	mm	100	100	100	100	100

355GZH	Each	27,50	27,50	27,50	27,70	28,40
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355GZL



Product description as Art. 355G
MULTITIP SCREWDRIVERS

Supplied with flat and cross multi-blade.

Ideal for electricians, suitable for many different kinds of slotted head screws and cross head screws.

Burnished tips.

Size		1	2
Overall length	mm	170	200

355GZL	Each	9,48	12,60
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355GZM



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	9,26	9,08	9,48	9,48	9,82	10,70	12,10
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355GZP



Product description as Art. 355G
NUT DRIVERS 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	16,10	16,10	17,10	17,80	18,60	19,40	23,10
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Hexagon opening	mm	12	13
Overall length	mm	230	230

355GZP	Each	24,70	27,20
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356GA



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 **55,70**

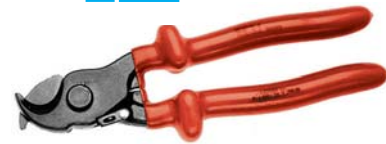
Product description as Art. 355G
ELECTRICAL CABLE CUTTERS

Model for round cables, without deformations. With spring and latch pin.
Forged finished, burnished head.

Overall length	mm	190	220
Max cutting Ø	mm	14	20
356GC	Each	74,20	75,60

SCU

356GC



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	138,00	218,00

SCU

356GE



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	680
Max cutting Ø	mm	27
356GH	Each	380,00

SCU

356GH



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

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 cutting	mm ²	240	500
356GL	Each	243,00	494,00

SCU

356GL



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	28,70

SCU

356GLE



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	28,40

SCU

356GLF



INOX

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 clench.

Blade length	mm	52
Overall length	mm	200
356GM	Each	13,70

SCU

356GM



Product running out of stock

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
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Product running out of stock**356GR****SCU**

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
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Product running out of stock**356GRE****SCU**

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	13,50
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Spare blades in package units of 4 pcs. Art. O356 GRE available on request.**356GS****SCU**

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	11,20
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356GT**SCU**

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	11,30
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356GTA**SCU**

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	34,30
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356GTE**SCU**

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	35,10
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Prod. SCU - DIN 3117

Product description as Art. 355G

ADJUSTABLE WRENCHES

Chrome finish

Overall length	mm	200	250	300
356GV	Each	47,80	55,70	72,00


Prod. SCU

Product description as Art. 355G

INSULATING MATS

In anti-slip rubber. Oil- and acid-resistant. Thickness 4mm.

Dimensions 1000mm x 1000.

357GC	Each	135,00
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Product description as Art. 355G

PROTECTIVE GLOVES

In natural latex, with five fingers. Well suited for electrical installers and service engineers.

Size 9. Overall length approx. 360mm.

Thickness	mm	1
For max	Volt	1000
357GD	Per pair	57,40



Product description as Art. 355G

PROTECTIVE GLOVES

In 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	57,40



Product description as Art. 355G

PROTECTIVE GLOVES

In 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	87,60



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	341,00
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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	142,00
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357GP **SCU**



Product description as Art. 355G
PROTECTIVE BOOTS
 In rubber, with steel point for highest safety.
 Colour: white.

No.		42	43	44	45
357GP	Per pair	173,00	173,00	173,00	173,00

357GS **SCU**



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	72,30
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See Art. 9563 G and 9565 GT for 300mm spare blades.

357GT **SCU**



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	47,50
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See Art. 2643 G - GA - GB for 150 mm spare blades.

357GTE **SCU**



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	21,80
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See Art. 2643 G - GA - GB for 150 mm spare blades.

357GV **SCU**



Product description as Art. 355G
SAFETY BRUSHES
 Suited for dust. In synthetic material.

Width	mm	25	50
357GV	Each	10,90	17,20

357GZ **SCU**



Product description as Art. 355G
MIRRORS
 Fixed mirror type Ø 22mm.

Overall length	mm	170
357GZ	Each	27,10

358GT **SCU**



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	11,60	22,70

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	223,76
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The compositions shown are only an indication.
SCU
359A


2

Product description as Art. 355G

ASSORTED SET 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	542,00
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SCU
359G


Product description as Art. 355G

ASSORTMENT OF TOOLS

Comprises 35 tools:

- | | |
|--|---|
| <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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	730,68
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The compositions shown are only an indication.
SCU
359GE

SWITCH KEY UNIVERSAL WRENCHES
Prod. SCU

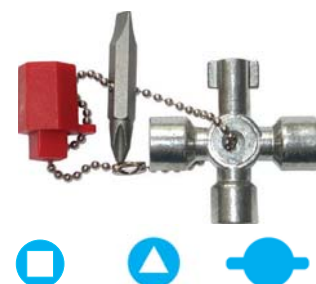
In die-cast zinc. Provided with tool holding chain. Multi-purpose enclosure key wrench designed for use in electric, gas, hydraulic applications, etc. In the building sector it is suited to install HACV systems, valves, etc.

With double insert with cut 1.0x7 mm and cross PH 2 and insert adaptor 1/4"

Model with:

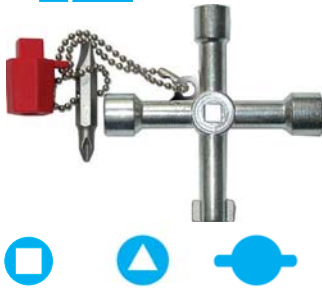
- 1 5mm square socket
- 1 6mm square socket
- 1 7-8mm square socket
- 1 9mm triangular socket
- 1 3-5mm winged key drive.

359GL	mm Each	44x44 15,50
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SCU
359GL


359GM
359GME

SCU



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.

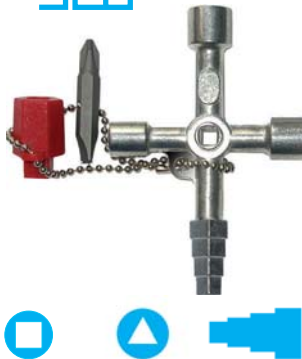
Dimensions	mm	71x71
359GM	Each	16,20

Cheap version with standard finishing. Characteristics similar to Art. 359 GM.

359GME	Each	6,22
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359GP

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 6-7-8-9mm 4 steps square joint.

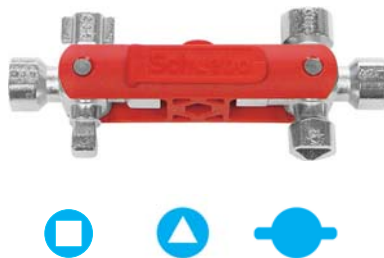
Dimensions	mm	62x90
359GP	Each	17,80

359GPE
new

SCU

1/4"

1/4"



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:

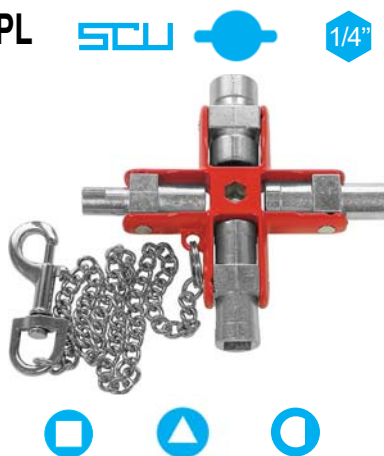
- 2 hexagonal sockets for inserts with 1/4 " connection, with magnet
- 1 5mm square socket
- 1 6-7mm square socket
- 1 8-9mm square socket
- 1 5-6mm triangular socket
- 1 6-7mm triangular socket
- 1 8-9mm triangular socket
- 1 3-5mm socket with flap
- 1 male square drive for 1/4 " sockets.

Dimensions	mm	95x40
359GPE	Each	21,70

359GPL
new

SCU

1/4"



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

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

SCU  **359GR**



2

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 from 6 to 9mm

Overall length	mm	145
359GRA	Each	27,50

SCU  **359GRA**



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

SCU  **359GS**



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

SCU  **359GSA**



359GT

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

359GTA

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 from 6 to 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**360E**

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	41,80

BATTERY NUT PLIERS**362G**

Prod. SCU

In CHROME-VANADIUM steel.

Particularly suitable for battery nuts.

Chrome-plated finish.

Overall length	mm	200
362G	Each	30,40

ADJUSTABLE PLIERS**362GA**

Orig. Carolus - Art. 2815

Automatic adjustment type which allows you to tighten quickly, safely, and simply, even using just one hand.

Made from special steel. Head is painted grey. Plastic-coated handles.

Overall length	mm	170	250	300
Max opening	mm	30	40	48
362GA	Each	27,10	29,60	37,60

362GB

Prod. SCU

In special steel.

Hardened openings.

Two-position adjustable. Chrome-plated finish, plastic-coated handles.

Overall length	mm	150	200	250
362GB	Each	20,10	20,80	24,60

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	45,10


362GC
new
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	Nr.	17	15	17
362GE	Each	36,50	36,90	57,80

GEDORE
362GE

Orig. Gedore - Art. 142 JC-DIN ISO 8976/C

Product description as Art. 362GE

Chrome-plated finish. Insulated handles.

Overall length	mm	250	300
Max opening	mm	38	44
Regulations	Nr.	15	17
362GL	Each	48,10	62,40

GEDORE
362GL

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.

Overall length	mm	250
Max opening	mm	32
363GB	Each	40,50

Spare pins for Art. 363 GB.

O363G	Each	2,46
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GEDORE
363GB

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	Nr.	6	7	7
364G	Each	24,80	26,40	52,80

GEDORE
364G

Orig. Gedore - Art. 146-10 C - DIN ISO 8976/C

Made from CHROME-VANADIUM steel. With 7 settings.

Chrome-plated finish. Fixed double hinge.

Overall length	mm	250
Max opening	mm	40
365G	Each	56,30

GEDORE
365G

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	62,30

GEDORE
365GA


For type with VDE - EN 60900 safety insulation, see Art. 352 GZ.

Orig. Carolus - Art. 2010

With optimal price/quality ratio.

In CHROME VANADIUM steel.

Red painted finish. Fixed double hinge.

Overall length	mm	170	240	300
Max opening	mm	30	36	48
Regulations	Nr	6	7	7
365GE	Each	11,30	14,50	17,70

carolus
 by GEDORE

365GE


366G


**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	Nr	6	7	7
366G	Each	19,60	22,50	34,60

367G


**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	Nr	7	9	11
367G	Each	32,10	75,80	161,00

Spare pins for Art. 367 G.

Overall length	mm	250	375	500
O367G	Each	2,86	4,58	6,06

367GM


**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	37,50

Spare pins for Art. 367 GM.

O367GP	Each	2,86
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367GT


**Orig. Gedore - Art. 144 C-DIN ISO 8976A**

In CHROME-VANADIUM steel.
Universal water pump pliers with straight toothed openings for nuts, 7 adjustments.
Chrome-plated finish.

Overall length	mm	115	175
Max opening	mm	16	26
367GT	Each	27,70	29,20

Spare pins for Art. 367 GT.

Overall length	mm	115	175
O367GT	Each	5,02	5,64

367GV


**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	75,40

ADJUSTABLE PLIERS

368G


**Prod. SCU**

Special combined type pliers-pipe wrench. Roller adjustment 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	44,60

ADJUSTABLE NUT PLIERS

369A


**Prod. SCU**

In forged steel.
Hardened openings.
Special for washbasin tap nuts.

Overall length	mm	250
369A	Each	27,90

SHEARS FOR LEAD PIPES

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 **36,90**

SCU

369P



Spare blades for Art. 369 P.

O369P Per pair **3,46**

DRAIN WRENCHES

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 **38,20**

SCU

370



Adaptor for Art. 370. Suited to cross drain for shower trays and bath tubs.

370A Each **26,90**

SCU

370A



Adaptor for Art. 370. Suited to three-holes overflow drains for bath tubs.

370B Each **30,90**

SCU

370B



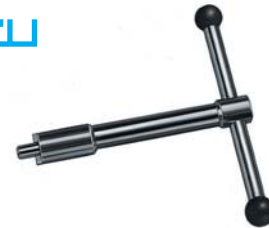
In hardened steel.

Provided with guide pin and side clips. Suited to replace and install bath tub drains with fastening screws.

370C Each **48,50**

SCU

370C



ADJUSTABLE TEMPLATES WITH LEVELS

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 250mm.

370V Each **86,10**

SCU

370V



ROUND NOSE WATER PUMP NUT WRENCH

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 **17,90**

SCU

371E



Product description as Art. 371E

In special steel, with forged and burnished grip jaw.
 Overall length 345mm. Opening 10mm to 32.
 Chrome finish.

371GA Each **13,70**

SCU

371GA



371GB**SCU**

Product description as Art. 371E
Completely built in forged steel, burnished grip jaw.
Overall length 250mm. Opening 15mm to 32.
Enamelled finish.

371GB	Each	17,30
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371GF**SCU**

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	32,10
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WRENCHES FOR WASHBASIN INSTALLATION

371GS**STUREM****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	23,50
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WRENCHES FOR WASHBASIN VALVES

371GT**STUREM****Orig. Sturem - Art. 580600**

In special steel. 1/2" Male square drive. Chrome finish.
Length 90mm.

371GT	Each	37,10
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PLIERS FOR LEAD TUBES

372**SCU****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	32,20
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COPPER TUBE PLIERS

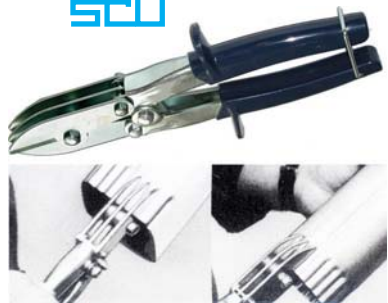
372GE**SCU****Prod. SCU**

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	33,40
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PIPE CONNECTING PLIERS

372GT**SCU****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	50,10
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SIPHON PLIERS

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	45,70

Spare gripping pads for Art. 374 G.

O374G	Per pair	5,36
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SCU

374G



Product description as Art. 374G

With toothed jaws.

Max opening	mm	80
Overall length	mm	230
374GB	Each	29,80

SCU

374GB



PLIERS FOR CAR VALVES

Orig. Gedore - Art. 128

For all kinds of car engines with head valves.
Particularly suitable to replace valve springs in car engines.
With a pair of straight jaws and a pair of curved ones.
Complete pliers.

Opening	mm	60-225
Overall length	mm	290
377GA	Each	115,00

Straight jaws for Art. 377 GA.

O377GE	Per pair	21,60
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Curved jaws for Art. 377 GA.

O377GF	Per pair	26,10
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GEDORE

377GA



Product description as Art. 374GA

Opening	mm	120-280
Overall length	mm	390
377GB	Each	197,00

Straight jaws for Art. 377 GB.

O377GH	Per pair	21,80
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Curved jaws for Art. 377 GB.

O377GL	Per pair	22,20
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GEDORE

377GB



VALVE SEAL RING PLIERS

Orig. Gedore - Art. 124

With hardened, burnished jaws and chrome-plated handles.
For removing sealing rings and the elastic support.
Suitable for the following car types: VW – Audi – BMW – Opel – Ford – Nissan – Fiat – etc.

Overall length	mm	250
378G	Each	73,70

GEDORE

378G



SPARK PLUG PLIERS

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
378GM	Each	29,10

SCU

378GM



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	44,50

SCU

378GP



PLIERS FOR BRAKE SPRINGS

379G


**Orig. Gedore - Art. 135**

In CHROME-VANADIUM steel.
Particularly suitable for brakes with stuck linings.

Overall length	mm	330	480
379G	Each	63,60	103,00

380G




Product description as Art. 379G

Heavy type with interchangeable elastic hook.

Overall length	mm	500
380G	Each	147,00

Spare hook for Art. 380 G.

O380G	Each	17,40
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WHEEL BALANCE WEIGHT PLIERS

381G


**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	78,80

381N


**Prod. SCU**

Product description as Art. 381G

Overall length	mm	240
381N	Each	18,80

PISTON RING PLIERS

383G


**Orig. Gedore - Art. 127**

Made from 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	64,10

384G


**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	44,70	44,70	48,20	61,20

PLIERS FOR PISTON RINGS

385G


**Prod. SCU**

Made from 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	78,10

Pliers without bands.

Strip segments made from hardened steel.
Suitable for pliers in accordance with Art. 385 G.

For piston Ø by	mm	73 to 79	79 to 85	85 to 92	92 to 98	98 to 104	104 to 111	111 to 117
385GS	Each	30,10	30,10	30,10	30,10	30,10	30,10	32,10



385GS

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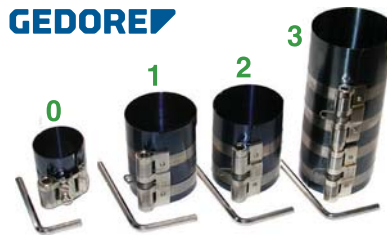
PISTON RING COMPRESSORS

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	28,20	45,30	53,70	101,00



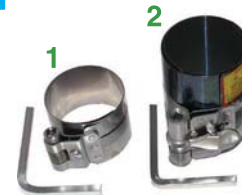
386G

Prod. SCU

Product description as Art. 386G

Ratchet-type.

Size N		1	2
For segments by Ø	mm	57 to 127	89 to 164
Overall height	mm	45	90
386GK	Each	22,30	46,20



386GK

Product running out of stock

BRAKE AND ENGINE CYLINDERS HONES

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 D+S.

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	158,00	166,00	175,00



387

To be used with portable and pillar drills (speed 1500 - 2500 r.p.m.).
Made of steel with sturdy spring adjusting the pressure of the 3 abrasive skids.

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



387L

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	Per series	16,20	30,50	32,30	37,70

CLUTCH CENTERING TOOLS

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	51,50
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387P

Spare pliers for Art. 387 P.

Size		1	2	3
Ø	mm	14,5 to 18	18 to 21	21 to 25
O387P	Each	1,26	1,26	1,26

OIL FILTER WRENCHES

390L**SCU****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	Nr	8	10	15
390L	Each	23,10	26,50	31,40

390M**SCU**

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	Nr	14
390M	Each	17,20

390P**SCU**

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	Nr	6	12	18	9
Hexagonal drive	mm	24	24	24	24
Overall height	mm	37	39	42	42
390P	Each	12,80	14,10	15,20	17,20

The measure 96 is also suitable for filters with 18 notches.

391L**SCU****391P**

Professional type with steel strap and adjusting rotary dial.

Art.....		391L	391P
Useful capacity Ø	mm	60 to 110	110 to 150
Each		25,40	28,60

Spare belts for Art. 391 L.

ON391L	Each	5,38
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Spare belts for Art. 391 P.

ON391P	Each	6,10
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392**392A****392B****SCU**

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

392C**392D****392E****SCU**

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

RING WRENCHES FOR OIL FILTERS

394G**GEDORE****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	53,30

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	52,30

GEDORE **1/2"** **395G**



2

STRAP WRENCHES FOR OIL FILTERS

Orig. Gedore - Art. 36

Chrome finish. Sturdy rubberized fabric, stress-resistant.
Suited to oil filter Suited for oil filters removal and installation.
In special steel

Max capacity Ø	mm	140
Belt width	mm	25
396GA	Each	31,80

Spare tapes for Art. 396 GA.

O396GA	Each	16,90
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GEDORE **396GA**



Product description as Art. 396GA.

In CHROME VANADIUM steel.

Max capacity Ø	mm	200
Belt width	mm	25
396GB	Each	68,60

Spare tapes for Art. 396 GB.

O396GB	Each	25,40
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GEDORE **396GB**



Orig. Carolus - Art. 0450.00

In special steel. Chrome finish, antislip strap.

Max capacity Ø	mm	140
Belt width	mm	15
396GR	Each	20,90

carolus **396GR**
by GEDORE



CHAIN WRENCHES FOR OIL FILTERS

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	79,20

SCU **1/2"** **396T**



Articulated lever, nickel plated finish. Adjustable chain.

Suited for oil filters removal and installation.

Max tightening Ø	mm	125
397	Each	21,60

SCU **397**



Articulated and 90° folding lever, fixed grip, max length 180mm, nickel plated.

Adjusting chain. Suited for oil filters removal and installation.

Useful capacity Ø	mm	45 to 145
397A	Each	73,60

SCU **397A**



397B



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	96,90

WRENCHES FOR OIL FILTERS

397C



Prod. SCU

Made of steel.

Operated with 21mm wrenches and 3/8" - 1/2" ratchet.

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	21,70

3/8"

1/2"

397E

GEDORE



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	80,20

1/2"

PULLEY STRAP WRENCHES

397G

GEDORE



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	87,90

EXPANDERS FOR DRAIN PIPES

400

SCU



Prod. SCU

Aluminium body. Suitable sized spanner with hole.

Size		1	2
Capacity Ø by	mm	29 to 44	38 to 63
Overall length	mm	131	164
Useful length	mm	51	64
Hexagon opening	mm	16	17
400	Each	125,00	70,30

Size 1 is running out of stock

CHAIN CUTTER AND RIVETING TOOL IN KIT

402

SCU



Prod. 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	285,00
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"MICRO-GRIP" PLIERS
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	23,30

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	16,40
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SCU
410G

AXIAL "GRIP" PLIERS
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	37,50

SCU
416GA


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	41,20

SCU
416GB


Product description as Art. 416GA

With straight, large jaws

Overall length	mm	195
Max opening	mm	15
Jaws width	mm	57
Jaws depth	mm	36
416GC	Each	52,50

SCU
416GC


Product description as Art. 416GA

With large jaws bent to 90°.

Overall length	mm	200
Max opening	mm	10
Jaws width	mm	50
Jaws depth	mm	15
416GD	Each	53,50

SCU
416GD


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	45,20

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	46,70

SCU
416GF


LONG NOSE GRIP PLIERS

417G

SCU



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	21,10
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418G

SCU



Product description as Art. 417G

Overall length	mm	235
Jaws length	mm	80
Max opening	mm	80

418G	Each	28,40
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418GE

SCU



Product description as Art. 417G

Overall length	mm	300
Jaws length	mm	145
Max opening	mm	70

418GE	Each	33,10
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418GP

SCU



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	38,50
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PINCH-OFF "GRIP" PLIERS FOR PIPES

419G

SCU



Prod. SCU

With forged steel jaws.
Suitable for crushing lead and copper pipe terminals.
Particularly suitable for repairing fridges and air-conditioners.
Screw adjustable pressure. Adjustable opening jaws. Immediate clamping and release.

Overall length	mm	190
Jaws length	mm	40

419G	Each	26,40
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"GRIP" PLIERS

420GS

SCU



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	17,10	20,60	22,20	31,80
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422G

GEDORE



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	27,40	32,90	48,90	65,50
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AUTOMATIC "GRIP" PLIERS

422GE

mob



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	42,10	43,90
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"GRIP PARALLEL" PLIERS

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	77,90

PVC protection jaws for delicate materials.

O422GP	Per pair	8,08
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Product running out of stock

GEDORE

422GP



2

SPECIAL "GRIP" PLIERS

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	55,70

GEDORE

422GS



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	31,30	34,70

SCU

423GE



"EXTRA CAPACITY GRIP" PLIERS

Prod. SCU

With forged steel jaws. Large opening. Adjustable opening jaws. Immediate clamping and release.

Overall length	mm	300
Max opening	mm	100
423GL	Each	39,70

SCU

423GL



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	71,50

SCU

423GP



CHAIN "GRIP" PLIERS

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	45,20

Spare chain for Art. 423

O423GS	Each	22,10
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SCU

423GS



"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	27,90

SCU

423GV



424G **GEDORE**

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	47,50

424GF **SCU**

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	50,80

426G **GEDORE**

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	48,80

428G **GEDORE**

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	48,90

428GF **SCU**

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	43,90	62,40

C-CLAMP "GRIP" PLIERS
429G **GEDORE**

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	105,00	112,00

SPECIAL C-CLAMP "GRIP" PLIERS
429GE **SCU**

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	40,40	58,60	68,10

SPECIAL "GRIP" PLIERS

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	47,10	58,10	59,80

SCU

429GH



2

VICE "GRIP" PLIERS

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	94,10

GEDORE

429GM



LARGE JAW "GRIP" PLIERS

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	56,40

GEDORE

429GP



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	69,60	73,10	73,10	74,80	74,80	85,70	85,70
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	88,60	88,60	93,40	93,40	94,30	99,80	99,80

GEDORE

429GVE



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	12,90
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SCU

429GZ



PUNCHING PLIERS

430E


**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 with max. thickness	mm	1,2	1,2	0,8
430E	Each	63,40	63,40	77,50

Spare punch and die sets for Art. 430 E

For bores Ø	mm	5	6	8
O430E	Per pair	22,90	22,90	26,50

430G 1


**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.

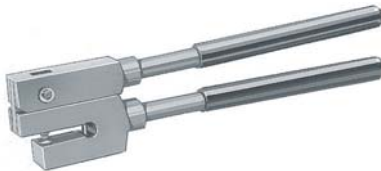
The smallest punching machines. Front head.

With punch Ø 5mm.

Overall length	mm	220
Max span	mm	20
For sheets with max. thickness	mm	1
For bores by	mm	2 to 5
430G 1	Each	77,10

For spare punches and dies see Art. 432 G.

430G 2

Product description as Art. 430G 1

Reinforced type. Front head.

With punch Ø 5mm.

Overall length	mm	260
Max span	mm	30
For sheets with max. thickness	mm	1.5
For bores by	mm	2 to 5
430G 2	Each	77,10

For spare punches and dies see Art. 432 G.

430G 4




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 with max. thickness	mm	1.25
For bores by	mm	4 to 6
430G 4	Each	115,00

For spare punches and dies see Art. 432 GM.

430G 5




Product description as Art. 430G 1

Pliers type.

With puncher Ø 8mm.

Overall length	mm	315
Max span	mm	40
For sheets with max. thickness	mm	1.75
For bores by	mm	2 to 8
430G 5	Each	115,00

For spare punches and dies see Art. 432 GS.

430G 8




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 with max. thickness	mm	1.5
For bores by	mm	3 to 10
430G 8	Each	499,00

For spare punches and dies see Art. 432 GV.

RATCHET PUNCHING PLIERS

Orig. Baudat - Art. 80-802. (Mod. LZ 2000)

Special type with ratchet movement for powerful punching action (200KN).
 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 with max. thickness	mm	2
For round bores by	mm	4 to 13
For rectangular bores by	mm	5x10 to 7x13
430GA	Each	572,00



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	157,00	157,00	157,00	157,00	157,00	157,00	157,00	157,00



DIES SUPPORTS COMPLETE WITH RECTANGULAR PUNCHES FOR ART. 430 GA

Die support with punch.

Dimensions	mm	5x10	5x13	6x13	7x13
430GE	Each	586,00	586,00	586,00	586,00



PUNCHING AND SHEET FOLDING PLIERS

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	65,20



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	77,10



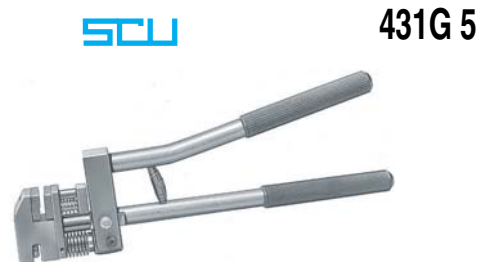
Product description as Art. 431G

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	115,00



For spare punches and dies see Art. 432 GT.

431G 8 **PNEUTEC**
DRUCKLUFTWERKZEUGE



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 **236,00**

Spare punch and die Ø 8mm available on request.

SPARE PARTS FOR PUNCHING MACHINES

432G **SCU**



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	51,40	51,40	51,40	51,40	51,40	51,40	51,40

Body Ø 7mm

432GM **SCU**



Product description as Art. 432G
For punching machines Art. 430 G4.

For bores Ø	mm	4	5	6
432GM	Per pair	61,70	61,70	61,70

Body Ø 10mm

432GS **SCU**



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	54,80	54,80	54,80	54,80	54,80	54,80	54,80
For bores Ø	mm	5,5	6	6,5	7	7,5	8	
432GS	Per pair	54,80	54,80	54,80	54,80	54,80	54,80	

Body Ø 10mm

432GT **SCU**



Product description as Art. 432G
For punching machines Art. 431 G5 – 431 G6.

For bores Ø	mm	4	5	6	7
432GT	Per pair	61,70	61,70	61,70	61,70

Body Ø 10mm

432GV **SCU**



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	124,00	124,00	124,00	124,00	124,00	124,00	124,00	124,00
For bores Ø	mm	7	7,5	8	8,5	9	9,5	10	
432GV	Per pair	124,00	124,00	124,00	124,00	124,00	124,00	124,00	

Body Ø 14mm

FOLDING PLIERS FOR TINSMITH

436G **SCU**



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 **41,90**

437G **SCU**



Product description as Art. 436G

Noses bent to 45°.

Overall length	mm	275
Noses max. width	mm	52

437G Each **46,90**

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	46,90

SCU



438G

PUNCH PLIERS

Prod. SCU

Made from 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	17,60

Spare punches are available on request.

SCU



449

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	18,10

Forged hammer type available on request

SCU



450

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	16,70

Spare punches for Art. 450 – 450E – 460 G.

Ø	mm	2	2,5	3	3,5	4	4,5	5
O450	Each	1,06	1,06	1,06	1,06	1,06	1,06	1,06

SCU



450E

In forged steel. With no. 6 interchangeable punches from 2 to 5mm.

Polished finish.

Overall length	mm	210
452	Each	33,10

Spare punches for Art. 452.

Ø	mm	2	2,5	3	3,5	4	4,5	5
O452	Each	2,34	2,34	2,34	2,34	2,34	2,34	2,34

SCU



452

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	41,10

Set of 6 punches for Art. 454 G.

O454GF	Per series	5,58
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SCU



454G

EYELET PLIERS

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. Made of 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	87,70

SCU



455GA

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	6,04	6,22	18,20	20,70

SCU



455GB

455GD

SCU



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	Per pack	10,60	10,60	10,60	10,60

455GE

SCU



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	157,00

455GF

SCU



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	40,70	42,10	43,50	44,80

455GL

SCU



Product description as Art. 455GE

Brass eyelets to be used with pliers Art. 455 GE. Packing units: 10 eyelets each, not sold separately.

Int Ø eyelets	mm	14	16	18	20
455GL	Per pack	9,86	10,50	11,50	14,10

456G

SCU



Type equipped with 3 couples of interchangeable punches and dies, for eyelets ext. Ø 4,5-5-5,5mm. Nickel-plated finish.

With spring.

Overall length	mm	205
456G	Each	19,60

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
0456G	Per pair	3,30	3,30	3,30

COMBINED PLIERS FOR EYELETS

460G

SCU



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	23,10

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 eyeletss ext Ø	mm	4,5	5	5,5
0460G	Per pack	7,44	7,44	7,44

FENCING PLIERS

Orig. Carolus - Art. 9999.900

Multi-purpose pliers made from 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 **22,10**

Product running out of stock

carolus
by GEORE



470A

PLIERS FOR VARIOUS USES AND ASSORTMENT OF KNIVES

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 **40,20**

mob
by GEORE



470G

MULTIPURPOSE TOOLS

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**

Product running out of stock

SCU



470L

CONDUCTOR AND CONTROL PUNCHING PLIERS

Orig. Hadie

In forged steel. Finely worked and nickel-plated. Total length 120mm. Opening 30mm.

Type	A	B	C	D
471G	89,50	117,00	141,00	150,00



471G

Product description as Art. 471G

Total length 145mm. Opening 50mm.

Type	A	B	C	D
472G	95,20	149,00	149,00	129,00



472G

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	39,50	39,50	49,10

SCU



481

483G



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 **88,50 107,00**

484G



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 **79,90 85,30 95,10 127,00 124,00 164,00**

LEAD SEALS

485



Prod. SCU
 For pliers Art. 481 – 483G – 484G.
 Ø mm **8 11 12 14 16**
 No. 00 2 2.1/2 4 5b
485 Per kg **16,90 16,90 16,90 16,90 16,90**

LEAD SEAL WIRES

485F



Prod. SCU
 Galvanized finish. Dia. 1mm. In coils, weight 1kg.
485F Per kg **24,80**

WIRE TWISTERS

485GB



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**
485GB Each **160,00 161,00**

485GE



Product description as Art. 485GB
 Right/left reversible type, automatic return.
 Overall length mm **220 275**
485GE Each **195,00 213,00**

SEALING WIRES IN STAINLESS STEEL
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	18,20	18,20	18,20	54,10

SCU
INOX
485GL

 0,5
0,8
1

1,3

LEVER HAND STAPLERS
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

SCU
486

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	34,30

SCU
486GA

Prod. SCU - Rapid

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	97,40

SCU
487G

Prod. SCU

METAL STAPLES, for staplers Art. 486 - 486 GA - 487 G - 492 GE - 493 GS.

Width 10.6mm.

Packs of 5000 pcs, not sold separately.

Height	mm	4	6	8	10	14
488GA	Per pack	7,94	8,08	8,66	10,50	13,10

SCU
488GA


STAINLESS STEEL STAPLES, for staplers Art. 486 GA - 487 G - 492 GE - 493 GS.

Width 10.6mm.

Packs of 2500 pcs, not sold separately.

Height	mm	6	8
488GE	Per pack	40,80	45,00

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	60,80

SCU
490A


490B

SCU



STAPLERS, for staple guns Art. 490 A

Width 6.5mm.

Packs of 1000 pcs, not sold separately.

Height	mm	9,5	12	14
Width	mm	5,5	6,5	6,5
490B	Per pack	3,74	4,12	4,26

491G

SCU



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	125,00

492G

SCU



Prod. SCU

STAPLES, for stackers Art. 491 G.

Width 7.5mm.

Packs of 5000 pcs, not sold separately.

Height	mm	10	12	14
492G	Per pack	48,30	54,10	57,80

HAMMER TACKERS

492GE

SCU



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	59,90

For staples see Art. 488 GA.

492GL

SCU



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 nailing crates and fixings on wood, etc.

Without staples.

For points	mm	6-8-10-12
492GL	Each	139,00

PUNTI METALLICI per graffatrici Art. 492 GL.

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
O492GL	Per pack	21,60	23,30	26,50	28,50

PNEUMATIC STAPLE GUNS

493G

SCU



Prod. SCU - Rapid

High-performance professional type. Made from 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	135,00

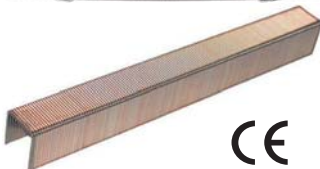
METAL STAPLES for staple gun Art. 493 G.

Width 12mm.

Packs of 5000 pcs, not sold separately.

Height	mm	6	8	10
O493G	Per pack	5,96	6,48	7,34

Height	mm	12	14	16
O493G	Per pack	7,84	9,04	10,10



CE

PNEUMATIC NAIL GUNS

Prod. SCU

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	158,00

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	Per pack	15,30	16,70	19,10	22,20	27,20	33,30



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	30,40
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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	Per pack	8,40	9,18	12,30	13,30

NAILS for Art.493 GP.

Packing units: 5,000 pcs each, not sold separately

Overall length	mm	13
O493GR	Per pack	14,10



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	73,50

For metal staples see Art. 488 GA - GE 6-8-10-14mm. For nails see Art. O493 GF 15.



ELECTRIC NAIL AND STAPLE GUNS

Prod. SCU

Combined type for stapling and nailing. 230 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.

Staples height 6-8-10-12-14mm.

Length of nails 16mm.

No. 20 strokes/min.

494G	Each	144,00
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METAL STAPLES for Art. 494 G

Width 11mm.

Height	mm	6	8	10	12	14
Indivisible pck.	pcs	2000	2000	1000	1000	1000
O494GA	Per pack	9,04	9,86	6,68	6,88	7,30

NAILS for Art.494 G.

Packing units: 1,000 pcs each, not sold separately

Overall length	mm	16
O494GC	Per pack	12,50



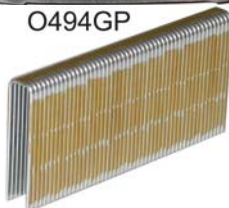
AIR STAPLERS AND NAIL GUNS

494GP

SCU



O494GP



Prod. SCU

Combined type for stapling and nailing. Professional. 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	167,00
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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	Per pack	19,70	25,10	29,10	35,10

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	15,10

495GB

SCU



Made from 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	11,80

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	16,90

498A

SCU



Assortment of about 75 aluminium rivets from Ø 3 to 4,8mm and pliers Art. 498.

In wallet.

498A	Each	30,40
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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.
Spring and hook to close.

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	21,60

SCU

498P



2

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	32,40

SCU

499



Assortment of about 400 aluminium rivets from Ø 3 to 4,8mm and pliers Art. 499.
In wallet.

499A	Each	71,50
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SCU

499A



Standard type, 360° revolving head to reach very confined areas.
Body in die-cast aluminium.

Synthetic material ergonomic handles.
Locking spring and ring. With 4 heads.
For aluminium rivets up to Ø 4.8mm.
For copper and steel rivets up to Ø 4mm.

Overall length	mm	280
Weight	Kg	0,640
499E	Each	49,50

SCU

499E



Professional type, 360° revolving head for reaching difficult to access areas.

Sturdy in die-cast aluminium body.
Synthetic material ergonomic handles.
Locking spring and ring. With 4 heads.
For aluminium rivets up to Ø mm. 5
For copper and steel rivets up to Ø mm. 4
Service key.

Overall length	mm	280
Weight	Kg	0,620
499G	Each	64,10

SCU

499G



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	52,90

SCU

499P



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	80,10

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.

With plastic container to collect fragments.

For aluminium, copper, steel, stainless steel rivets up to Ø 6.4 mm.

Overall length	mm	400
Weight	Kg	2,000
501	Each	66,40

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	139,00

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	255,00

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	570,00

504GE

PNEUTEC
 DRUCKLUFTWERKZEUGE


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	752,00

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	691,00

Hydropneumatic riveters for aluminium rivets up to 7.8mm, STAINLESS steel rivets up to 6.4 mm and unbolt rivets available on request.

SCU

504GL



2

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	244,00

SCU

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.

SCU

505T
new



7,4V

Professional tool.

Sturdy body made of synthetic material. Comes with 2 Lithium batteries (Li-ion) 14.4 Volt- 1,5 Ah detachable, rechargeable.
 With V 100-240 / 50-60 Hz battery charger; average time for full charge 60 minutes.
 With four heads.

For aluminium, copper, steel, stainless steel rivets up to Ø 4.8 mm.

Length	mm	280
Weight	Kg	1,540
506	Each	1.830,00

Battery and battery-charger available on request.

SCU

506



14,4V

RIVETS

510

SCU



Copper

Prod. SCU

Made from 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	Per pack	32,70	36,30	40,90	40,20	42,10	48,30	47,70
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	Per pack	50,20	57,60	61,70	69,40	77,10	81,10	87,20
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	Per pack	50,60	56,70	63,50	68,50			

511

SCU



Aluminum

Made from 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
Bore Ø	mm	2,5	2,5	2,5	3,1	3,1	3,1	3,1
Fine rivetable thickness	mm	3	5	7	3	5	7	9
Indivisible packages	pcs	1000	1000	1000	1000	1000	1000	1000
511	Per pack	17,60	18,10	19,10	14,40	15,80	17,30	18,70
Ø for length	mm	3 x 14	3,2 x 6	3,2 x 8	3,2 x 10	3,2 x 12	3,2 x 14	3,4 x 7
Bore Ø	mm	3,1	3,3	3,3	3,3	3,3	3,3	3,5
Fine rivetable thickness	mm	11	3	5	7	9	11	4
Indivisible packages	pcs	1000	1000	1000	1000	1000	1000	1000
511	Per pack	19,80	15,10	16,50	18,30	18,70	20,80	17,40
Ø for length	mm	3,4 x 9	3,4 x 11	3,4 x 14	3,4 x 16	4 x 8	4 x 10	4 x 12
Bore Ø	mm	3,5	3,5	3,5	3,5	4,1	4,1	4,1
Fine rivetable thickness	mm	6	8	11	13	4,5	6,5	8,5
Indivisible packages	pcs	1000	1000	1000	1000	1000	1000	1000
511	Per pack	18,10	19,10	22,30	23,70	18,70	20,80	22,60
Ø for length	mm	4 x 14	4 x 16	4 x 18	4,8 x 8	4,8 x 10	4,8 x 12	4,8 x 14
Bore Ø	mm	4,1	4,1	4,1	5	5	5	5
Fine rivetable thickness	mm	10,5	12,5	14,5	4	6	8	10
Indivisible packages	pcs	1000	500	500	1000	500	500	500
511	Per pack	24,80	13,30	14,10	21,90	12,80	13,50	16,50
Ø for length	mm	4,8 x 16	4,8 x 18	4,8 x 20	4,8 x 25	6 x 15	6 x 18	6 x 22
Bore Ø	mm	5	5	5	5	6,1	6,1	6,1
Fine rivetable thickness	mm	12	14	16	21	10	13	17
Indivisible packages	pcs	500	500	500	250	250	250	250
511	Per pack	17,40	19,10	20,80	12,10	14,70	15,80	23,40
Ø for length	mm	6 x 26	6,4 x 18	6,4 x 26	6,4 x 30			
Bore Ø	mm	6,1	6,5	6,5	6,5			
Fine rivetable thickness	mm	21	13	21	25			
Indivisible packages	pcs	250	250	250	250			
511	Per pack	18,80	21,70	22,30	25,70			

512

SCU



Steel

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	Per pack	23,40	20,10	28,10	23,10	25,50	28,70	30,50
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	Per pack	26,60	27,30	28,40	35,20	39,10	18,10	19,80
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	Per pack	39,10	26,60	28,10				

513

SCU



INOX

Made from stainless steel with stainless 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	4,8 x 10	4,8 x 12
Bore Ø	mm	3,3	3,3	3,3	4,1	4,1	4,1	4,1	5	5
Fine rivetable thickness	mm	5	7	9	4	6	8	10	5	7
Indivisible packages	pcs	1000	1000	1000	1000	1000	1000	1000	500	500
513	Per pack	61,10	62,80	81,80	89,70	95,10	111,00	115,00	69,10	74,80

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	51,80

SPARE FASTENERS FOR ART. 514 A

Tie-rods Ø	M.	3	4	5
O514A	Each	41,70	41,70	41,70

SCU

514A



Assortment of about 400 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	141,00
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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	109,00

SPARE FASTENERS FOR ART.514 C

Tie-rods Ø	M.	3	4	5	6
O514C	Each	41,70	41,70	41,70	41,70

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	203,00
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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	265,00

SPARE FASTENERS FOR ART. 514 E

Tie-rods Ø	M.	3	4	5	6	8	10
O514E	Each	36,80	36,80	36,80	36,80	36,80	36,80

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	182,00

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 threaded rings for threaded inserts made of aluminium, steel and stainless steel Ø M 5-6-8-10-12 three tie-rods for male threaded inserts made of steel Ø M 5-6-8.

Overall length	mm	155
Weight	Kg	1,000
514FL	Each	291,00

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 and steel threaded rivets Ø M 4-5-6-8-10-12.

For STAINLESS steel threaded rivets Ø M 4-5-6-8-10.

Length	mm	330
Weight	Kg	2,500
514H	Each	2.400,00

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	2.050,00

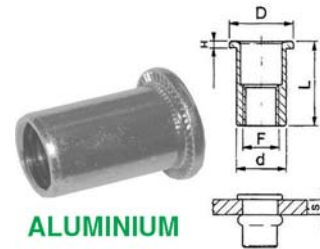


ALUMINIUM THREADED RIVETS
Prod. SCU

 FLAT head.
 In aluminium.

Packing: 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	Per pack	23,80	15,30	16,80	21,20	34,40	28,70	57,60

SCU
ALUMINIUM

514P
2
STEEL THREADED RIVETS
Prod. SCU

FLAT head.

In steel.

Packing: 200 pcs, only the size 12 with 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	Per pack	12,20	13,90	14,80	17,40	25,90	21,70	33,90	56,70

SCU
STEEL

514R

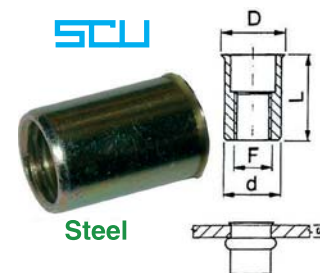
When stocks are depleted, we will provide only the size M12 with knurling.

WIRE REDUCED head.

In steel.

Packing: 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	Per pack	12,20	13,90	14,80	17,40	21,70	33,90

SCU
Steel

514T
90° FLARED head.

In steel.

Package unit of 200 pieces

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	Per pack	11,80	12,70	13,50	15,80	19,80	29,80

SCU

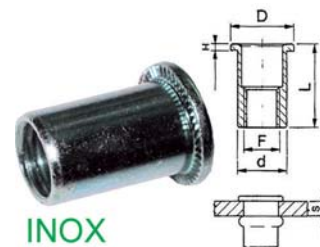
514TE
new
INOX THREADED RIVETS
Prod. SCU

FLAT head type.

Made from stainless steel (AISI 304).

Packing unit: 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	Per pack	42,90	50,20	64,40	90,10	181,00	197,00

SCU

INOX
514V
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	29,80

SCU

516G

KEVLAR CUTTERS

546G

SCU



For optical fibers and Kevlar

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

FIBERGLASS CUTTERS

548G

SCU



Per Fiberglass



Prod. SCU

Large and powerful for cutting cables, fibreglass burrs, optical fibres and fibre-reinforced plastic. Made from 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
new

GEDORE



for plastic



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	36,80

548GD
new

GEDORE



for plastic



Orig. Gedore - Art. 8313 AS-160 TL

Product description as Art. 548GA
45° bent head type, tapered.

Overall length	mm	160
548GD	Each	54,10

548GE
new

GEDORE



for plastic



Orig. Gedore - Art. 8313 AG-160 TL

Product description as Art. 548GA
90° bent head type.

Overall length	mm	160
548GE	Each	59,90

549A

GEDORE



for plastic



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	33,70	34,30	34,80

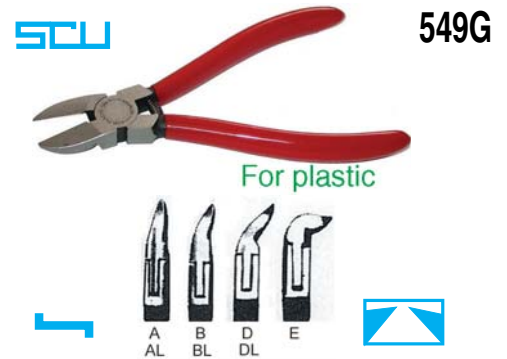
In case of intense use, please notice to keep the hinge lubricated.

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.

Type		A	AL	B	BL	D	DL	E
Overall length	mm	150	170	150	165	145	170	150
549G	Each	39,30	39,50	41,30	40,50	41,70	42,40	45,80

In case of intense use, it is advised to keep the hinge lubricated.
Products 549GB and BL are running out of stock



Product description as Art. 549G
Double hinge.

Type		A	B	C	E
Overall length	mm	150	150	150	150
550G	Each	52,10	52,80	48,20	60,80

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	56,60



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	13,50



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	12,30



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	12,60



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	19,80



550L 7**SCU**

Product description as Art. 550K

Inclined side cutting. For copper wires up to \varnothing 2,5mm.

Non-chamfered cutting edges, convex surface. Also suitable for cutting rubber gaskets. Used in goldsmith workshops.

Overall length mm 160

550L 7	Each	20,60
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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	18,10
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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	18,10
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550P**SCU**

Product description as Art. 550K

Inclined side cutting. For copper wires and ferrous material up to \varnothing 2,5mm.

Chamfered cutting edges.

Overall length mm 160

550P	Each	19,60
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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 rheophore areas and difficult to access areas.

Overall length mm 144

550R	Each	16,10
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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	19,20
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For clips of the same line, see Art. 90 A to 90 T.

SPECIAL ELECTRONICS CUTTERS

551A 2**SCU****CONDUCTIVE**

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	20,20
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Product description as Art. 551A 2

Inclined side cutting. For copper wires and ferrous material up to Ø 1,5mm.

Mini-chamfered cutting edges.

Overall length	mm	130
551A 4	Each	24,10



Product description as Art. 551A 2

Front cutting, for copper wires up to Ø 1mm.

Non-chamfered cutting edges; oblique. Suitable for high density rheophore 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	17,10



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	17,50



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	22,90



Product description as Art. 551B 2

Front cutting, for copper wires up to Ø 1mm.

Non-chamfered cutting edges; oblique. Suitable for high density rheophore areas and difficult to access areas.

Overall length	mm	144
551B 8	Each	20,90



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	14,30



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	14,30



551G 7**SCU**

Product description as Art. 551G 3
Front cutting. For hard wires up to Ø 1mm.
Chamfered cutting edges.

Overall length mm 110

551G 7	Each	16,10
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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 Ø 1.2mm.

With mini-chamfered cutting edges.

Overall length mm 115

553A	Each	22,10
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553B**SCU****INOX**

Product description as Art. 553A

Side cutting, fine head, for soft wires up to Ø 1.2mm.

With mini-chamfered cutting edges.

Overall length mm 115

553B	Each	22,10
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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 Ø 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	61,30
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557GA**GEDORE****Orig. Gedore - Art. 8306-4**

Product description as Art. 557G

Side cutting. For steel hard wires up to Ø 1mm and copper wires up to dia. 1,5mm.

Non-chamfered cutting edges.

Overall length mm 125

557GA	Each	66,70
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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

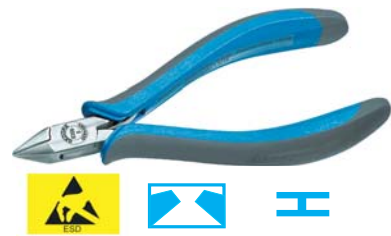
557GB	Each	66,80
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Orig. Gedore - Art. 8306-5

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	66,70

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	66,70

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	164,00

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	72,60

GEDORE
557GF

Orig. Gedore - Art. 8305-5

Product description as Art. 557G

Front cutting, for steel hard 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

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	79,30

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	74,70

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	76,10

557GZ **GEDORE** **HARTMETALL**

Orig. Gedore - Art. 8306-9

Made from 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	168,00

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.

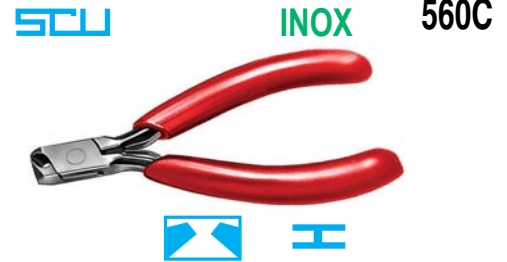
Overall length	mm	115	130
For annealed wires up to Ø	mm	1,2	1,6
560B	Each	23,10	23,10

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



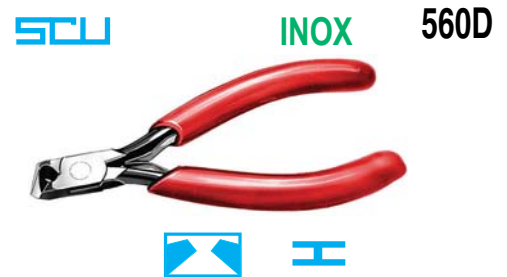
Product description as Art. 560A

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.



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	28,60



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	33,60



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	35,70



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	47,30



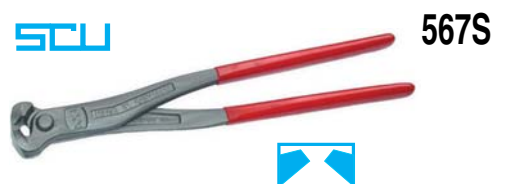
Prod. SCU

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	30,80



DIAGONAL CUTTERS

568G

SCU

**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	60,80	80,30

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 Ø	mm	1,63	1,63
568L	Each	18,20	20,50

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 Ø	mm	1,63	1,63
568M	Each	18,80	20,40

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 2,05mm and hard wires up to Ø 0,7mm.
Chamfered cutting edges.

Overall length	mm	147
568T	Each	46,20

569

SCU

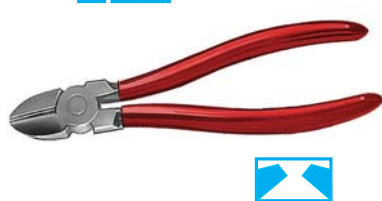


In alloy steel. Hardened. For soft and hard wires.
Chrome-plated finish. Insulated handles.

Overall length	mm	160
For annealed wires up to Ø	mm	2
For hard wires up to Ø	mm	1,5
569	Each	13,40

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	16,40	17,60	20,60

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	21,60	22,50	25,70

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	23,50	24,10	24,10



Orig. Gedore - Art. 8314 JC

Product description as Art. 570GA
Chrome-plated head. Dual component insulated handles.

Overall length	mm	130	145	160
For harmonic wire up to Ø	mm	1,25	1,4	1,6
570GB	Each	30,10	30,20	31,30

VDE-EN 60900 safety insulation type, see Art. 352 GT – 355 GT.



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	20,60	22,30	27,60	41,10



Product description as Art. 571GA

Polished head. Insulated handles. (mm. 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	25,60	27,60	32,80	45,60



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	27,10	27,50	30,10	33,20



ADVANCED HINGE
+35% OF POWER

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	38,60	40,10	42,70	45,90



ADVANCED HINGE
+35% OF POWER

DIAGONAL CUTTERS WITH WIRE STRIPPER

574G

GEDORE

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 **46,80**
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 Ø 1.6 mm.

Overall length mm 160

579G Each **58,70**

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 Ø 1,6mm.

Overall length mm 160

581G Each **52,80**

585G

SCU


Type with front cutting edges for wires up to R 2000 N/sqmm. Made from forged steel. Cutting edges additionally hardened. Varnished handles. DIN ISO 5748.

 Overall length mm **180** **210** **235**

For hard wires up to Ø mm 3,7 4,2 4,7

For harmonic wire up to Ø mm 2 2,2 2,5

585G Each **65,70** **67,20** **73,20**

593G

SCU


Type with side cutting edges for wires up to R 2000 N/sqmm. Made from forged steel. Cutting edges additionally hardened. Varnished handles. DIN ISO 5749.

 Overall length mm **195** **225**

For hard wires up to Ø mm 3 4,7

For harmonic wire up to Ø mm 1,8 2,5

593G Each **65,70** **74,80**

 595GA
595GB

GEDORE


595GA

595GB

Orig. Gedore - Art. 8340 Z - 200 TL

Power cutting model.

Made from CHROME-VANADIUM, 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 use with piano wire, hard wire, soft wire, and rods, bolts, nails, screws, rivets, etc.

Total length of 200 mm.

Can cut piano wire with a diameter of up to 3.8 mm.

Can cut hard wire with a diameter of up to 5.5 mm.

Can cut soft wires and rods up with a diameter of up to 6 mm.

With plastic coated handles.

595GA Each **53,40**
Orig. Gedore - Art. 8340 Z - 200 JL

Product description as Art. 595GA

With handles in bi-component material.

595GB Each **56,70**

CUTTERS AND BOLT CUTTERS

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 Ø	mm	3
For harmonic wire up to Ø	mm	2,5
599G	Each	41,30

SCU

599G



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	41,30

SCU

599GB



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.

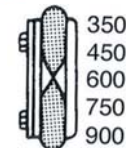
Overall length	mm	350	450	600	750	900
For cutting R500 N/mm ² up to Ø	mm	6	8	9	11	13
For cutting R500 N/mm ² up to Ø	mm	5	6	8	9	10
602E	Each	33,10	38,30	50,60	80,50	105,00

Spare heads for Art. 602E.

For iron cutters length	mm	350	450	600	750	900
O602E	Each	22,20	26,40	35,40	51,50	70,10

SCU

602E



Model for cuts up to R 1400 N/sqmm.

High-resistance steel blades, with screw adjustment.
Tubular steel handles with rubber grips.

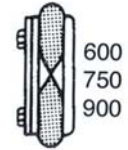
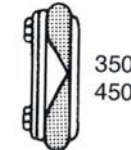
Overall length	mm	350	450	600	750	900
For cutting R500 N/mm ² up to Ø	mm	7	8	10	13	16
For cutting R1400 N/mm ² up to Ø	mm	5	6	8	10	12
602G	Each	54,60	67,10	86,50	126,00	171,00

Spare heads for Art. 602G.

For iron cutters length	mm	350	450	600	750	900
O602G	Each	26,30	32,20	41,60	60,30	65,60

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.

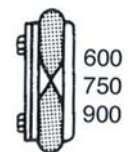
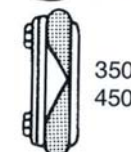
Overall length	mm	350	450	600	750	900
For cutting R500 N/mm ² up to Ø	mm	7	8	10	13	16
For cutting R1330 N/mm ² up to Ø	mm	5	6	8	9	10
603G	Each	68,10	82,60	104,00	148,00	197,00

Spare heads for Art. 603G.

For iron cutters length	mm	350	450	600	750	900
O603G	Each	44,40	55,10	71,10	89,80	118,00

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.

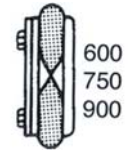
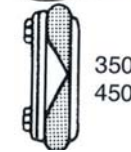
Overall length	mm	350	450	600	750	900
For cutting R500 N/mm ² up to Ø	mm	7	8	10	13	16
For cutting R1620 N/mm ² up to Ø	mm	5	6	7	8	9
604G	Each	74,50	95,60	122,00	181,00	243,00

Spare heads for Art. 604G.

For iron cutters length	mm	350	450	600	750	900
O604G	Each	58,70	76,60	88,20	116,00	158,00

SCU

604G



612GA**SCU**

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 cutting R500 N/mm ² up to Ø	mm	8	10
For cutting R1400 N/mm ² up to Ø	mm	6	8
612GA	Each	92,10	119,00

Spare heads for Art. 612 GA.

For iron cutters length	mm	450	600
O612GA	Each	55,40	74,60

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 cutting R500 N/mm ² up to Ø	mm	8	10
For cutting R1330 N/mm ² up to Ø	mm	6	8
612GB	Each	129,00	150,00

Spare heads for Art. 612 GB.

For iron cutters length	mm	450	600
O612GB	Each	90,80	115,00

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 cutting R500 N/mm ² up to Ø	mm	9
For cutting R1330 N/mm ² up to Ø	mm	8
612GE	Each	247,00

Spare heads for Art. 612 GE.

O612GE	Each	189,00
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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 cutting R500 N/mm ² up to Ø	mm	10
For cutting R1400 N/mm ² up to Ø	mm	8
612GL	Each	317,00

Spare heads for Art. 612GL.

O612GL	Each	46,20
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THREADED BAR CUTTERS**612GT****SCU****Prod. SCU**

Type of support for cutting threaded rods made from steel (not stainless steel) with a resistance of up to R 600 N/mm².
With blades made from special steel, which have been sharpened for precision cutting without damaging the thread.
Made from sturdy sheet steel with a lever handle coated in rubber.
Length 680 mm, width 235 mm.

Adjustable guide can cut up to 650 mm and can be positioned on either the left or right hand side of the body.

For cuts Ø	M	6 - 7 - 8 - 10
612GT	Each	583,00

Spare blades in accordance with Art. 612 GT.

O612GT	Per pair	152,00
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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 copper and aluminium cables up to Ø	mm	10
For copper and aluminium cables max. sect.	mm ²	24
613	Each	14,20

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 copper and aluminium cables up to Ø	mm	12	20
For copper and aluminium cables max. sect.	mm ²	35	60
613G	Each	28,30	42,40

SCU

613G



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 copper and aluminium cables up to Ø	mm	24
613GB	Each	47,20

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 copper and aluminium cables up to Ø	mm	16
For copper and aluminium cables max. sect.	mm ²	50
613GE	Each	32,10

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 copper and aluminium cables up to Ø	mm	12
For copper and aluminium cables max. sect.	mm ²	35
For wires	n° x Ø mm	3x1,5 to 5x2,5
613GM	Each	73,50

SCU

613GM
new



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 copper and aluminium cables up to Ø	mm	15
For copper and aluminium 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 copper and aluminium cables up to Ø	mm	25
For copper and aluminium cables max. sect.	mm ²	70
614G	Each	46,60

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 copper and aluminium cables up to Ø	mm	27
For copper and aluminium cables max. sect.	mm ²	150
Weight	Kg	1,1
615G	Each	181,00

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	310	450	600	800
For copper and aluminium cables up to Ø	mm	22	26	35	50
For copper and aluminium cables max. sect.	mm ²	80	150	250	500
Weight	Kg	0,7	1,1	1,5	2,9
616G	Each	137,00	178,00	219,00	361,00

Spare blades for Art. 616 G.

For cable cutter length	mm	310	450	600	800
O616G	Per pair	101,00	121,00	136,00	181,00



616G



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 copper and aluminium cables up to Ø	mm	14	18
For copper and aluminium cables max. sect.	mm ²	150	250
Weight	Kg	0.980	1,5
616GV		Each	220,00 273,00

Spare blades for Art. 616 GV.

For cable cutter length	mm	460	610
O616GV	Per pair	118,00	131,00

617G




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.

H984					
Overall length	mm	360	530	780	
For copper and aluminium cables up to Ø	mm	20	35	50	
For copper and aluminium cables max. sect.	mm ²	120	250	500	
Weight	Kg	0,65	1,4	2,7	
617G		Each	106,00	181,00	256,00

Spare head for Art. 617 G.

For cable cutter length	mm	360	530	780
O617G	Each	90,50	140,00	212,00

617GA




Orig. Baudat - Art. 80-417/409/411 (Mod. E1/E2/E3I)

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 copper and aluminium cables up to Ø	mm	20	35	50	
For copper and aluminium cables max. sect.	mm ²	120	250	500	
Weight	Kg	0,8	1,9	3,2	
617GA		Each	176,00	232,00	378,00

Spare heads, see Art. 0617 G.

ELECTRICAL CABLE CUTTERS WITH RATCHET

617GB




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 copper and aluminium cables up to Ø	mm	24	32
For copper and aluminium cables max. sect.	mm ²	180	250
Weight	Kg	0,8	0,9
617GB		Each	305,00 314,00

Spare blade rack type for Art. 617 GB.

For cable cutter length	mm	290	305
O617GB 1	Each	80,10	139,00

Spare blade without rack for Art. 617 GB.

For cable cutter length	mm	290	305
O617GB 2	Each	62,80	122,00

Orig. Baudat - Art. 80-163 (Mod. K2)

Rack-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 copper and aluminium cables up to Ø	mm	30
For copper and aluminium cables max. sect.	mm ²	200
Weight	Kg	1,05
617GC	Each	146,00

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


2

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 copper and aluminium cables up to Ø	mm	80
For copper and aluminium cables max. sect.	mm ²	850
Weight	Kg	5
617GF	Each	875,00

Spare blade rack type for Art. 617 GF.

O617GF 1	Each	295,00
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Spare blade without rack for Art. 617 GF.

O617GF 2	Each	244,00
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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 copper and aluminium cables 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	305,00	362,00

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 copper and aluminium cables up to Ø	mm	38	92
For copper and aluminium cables max. sect.	mm ²	300	1000
Drive ratio		1:60	1:60
Weight	Kg	1,1	3,6
617GP	Each	270,00	873,00

Spare blade rack type for Art. 617 GP.

For cable cutter length	mm	420	630
O617GP 1	Each	170,18	194,00

Spare blade without rack for Art. 617 GP.

For cable cutter length	mm	420	630
O617GP 2	Each	82,48	147,00

BAUDAT
617GP


617GPA 

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 copper and aluminium cables up to Ø	mm	55
Weight	Kg	1,6
617GPA	Each	397,00

Spare knives supplied on request.

617GQ 

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

Overall length	mm	525
Drive ratio		1:60
Weight	Kg	1,7
617GQ	Each	523,00

Shears for ribbon cables, see Art. 709 GS.

Spare blade rack type for Art. 617 GQ.

O617GQ 1	Each	263,00
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Spare blade without rack for Art. 617 GQ.

O617GQ 2	Each	269,00
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ELECTRICAL CABLE CUTTERS WITH RATCHET MECHANISM
617GR 

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 copper and aluminium cables up to Ø	mm	52
For copper and aluminium cables max. sect.	mm ²	450
Weight	Kg	8,3
617GR	Each	968,00

Spare blade rack type for Art. 617 GR.

O617GR 1	Each	186,00
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Spare blade without rack for Art. 617 GR.

O617GR 2	Each	161,00
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OIL-HYDRAULIC CABLE CUTTERS FOR ELECTRICAL CABLES
617GS 


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 copper and aluminium cables up to Ø	mm	50
For copper and aluminium cables max. sect.	mm ²	450
Weight	Kg	5,6
617GS	Each	3.080,00

Spare blades for Art. 617 GS - 617 GSA.

O617GS	Per pair	562,00
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HAND-OPERATED CUTTERS FOR STEEL WIRE ROPES
618GM 

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	21,40

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	144,00	239,00	326,00

Spare head for Art. 618 GR.

For shears length	mm	350	500	720
O618GR	Each	141,00	219,00	334,00


618GR

2
HAND OPERATED CUTTERS FOR WIRE ROPES AND ELECTRICAL CABLES
Orig. Gedore - Art. 8320 JL / 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	126,00

Series of spare parts for Art. 619 E, consisting of 2 knives, 2 TORX screws and 1 TORX spanner.

O619E	Per series	32,10
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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 electric cables max. sect.	mm ²	15	90	120
Weight	Kg	0,7	1,1	1,8
619G	Each	162,00	207,00	248,00

Spare blades for Art. 619 G.

For shears length	mm	310	450	600
O619G	Per pair	121,00	136,00	146,00


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 electric cables max. sect.	mm ²	150
Weight	Kg	2,3
619GM	Each	469,00

Spare blades for Art. 619 GM.

O619GM	Per pair	300,00
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619GM

WIRE ROPE CUTTERS WITH RATCHET MECHANISM
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	0,75
619GP	Each	350,00

Spare blade rack type for Art. 619 GP.

O619GP 1	Each	165,00
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Spare blade without rack for Art. 619 GP.

O619GP 2	Each	139,00
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619GP


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 - 619GS.

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	535,00
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Spare knives supplied on request.**619GSA****BAUDAT****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	mm	16
Weight	Kg	1,9

619GSA	Each	645,00
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Spare knives supplied on request.**HYDRAULIC CUTTERS FOR WIRE ROPES****620GE****BAUDAT****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	3.110,00
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Spare blades for Art. 620 GE.

O620GE	Per pair	494,00
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IMPACT CUTTERS CUTTERS FOR WIRE ROPES**624GA****SCU****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	282,00	480,00	804,00
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RICAMBI PER APPARECCHI ART. 624 GA

Spare blade for Art. 624 GA 19.

O624GA 1	Each	50,20
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Spare blade for Art. 624 GA 27.

O624GA 2	Each	50,20
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Spare blade for Art. 624 GA 38.

O624GA 3	Each	65,10
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Pair of spare blade-guide for Art. 624GA 19.

O624GA 4	Per pair	61,90
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Pair of spare blade-guide for Art. 624GA 27.

O624GA 5	Per pair	110,00
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Pair of spare blade-guide for Art. 624GA 38.

O624GA 6	Per pair	154,00
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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	3.500,00	5.230,00

RICAMBI PER APPARECCHI ART. 624 GE

Spare blade for Art. 624 GE 28.

O624GE 1	Each	89,70
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Spare blade for Art. 624 GE 44.

O624GE 2	Each	113,00
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Pair of spare blade-guide for Art. 624GE 28.

O624GE 3	Per pair	152,00
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Pair of spare blade-guide for Art. 624GE 44.

O624GE 4	Per pair	245,00
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624GE

2
PINCERS

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	8,88	10,10	12,10	13,90

626G


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	20,50	21,50	24,70	28,20

627G


Prod. SCU

Standard model for cement layers.

In steel. Hardened head and cutting edges.

Overall length	mm	220	250
630E	Each	4,50	5,60

630E


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	16,40	16,70	19,30	22,10	24,90

630G


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	14,60	16,60	19,10	22,10

630GF


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	22,20	24,50	28,50

631G


Prod. SCU

Belt pincers holders

631P	Each	4,16
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631P


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	58,60	62,80	66,90

635B**SCU**

Product description as Art. 635A

Type with bent straight noses.

Overall length	mm	400	500	600
635B	Each	58,60	62,80	66,90

635C**SCU**

Product description as Art. 635A

Type with round noses.

Overall length	mm	400	500	600
635C	Each	58,60	62,80	66,90

635D**SCU**

Product description as Art. 635A

Type with corrugated noses and longitudinal cutting.

Overall length	mm	400	500	600
635D	Each	58,60	62,80	66,90

635E**SCU**

Product description as Art. 635A

Type with plug noses.

Overall length	mm	400	500	600
635E	Each	58,60	62,80	66,90

When stocks will be run out, the tongs will be supplied galvanized instead of varnished black.

SAFETY SCISSOR
638A*new***SCU****INOX****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	21,10

638E*new***SCU****220****285****INOX**

Product description as Art. 638A

Asymmetrical handles.

Overall length	mm	220	285
638E	Each	24,40	45,90

638G*new***SCU****INOX**

Product description as Art. 638A

Multipurpose execution with wire cutters notch, bottle opener / pipe wrench. symmetric handles.

Overall length	mm	215
638G	Each	30,60

HOUSEHOLD SCISSORS
640**SCU****Prod. SCU**

In forged steel. Finely nickel finish.

Overall length	mm	125	150	175	200
640	Each	5,88	6,52	6,80	8,60

Dimension 200mm with asymmetric handles.

Stainless steel type. Fine quality.
Asymmetrical handles sheathed with nontoxic plastic.

Overall length	mm	220	
642	Each	10,30	

SCU

INOX

642



Merchant type.
In forged steel, nickel-plated, with rounded tips.

Overall length	mm	125	150
643	Each	5,88	6,52

SCU

643



PAPER SCISSORS

Prod. SCU
In forged steel. Finely nickel finish.

Overall length	mm	250	
644	Each	9,46	

SCU

644



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	4,28	5,18	8,30

SCU

160

644F
new

210-250



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	23,60	28,60

SCU

INOX

644G



TAILOR AND CARPET SCISSORS

Prod. SCU
Professional model made from stainless steel for cutting alongside hardening and sharpening treatments, providing you with 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	44,10	

SCU

INOX

644P



ALL USES SHEARS

Prod. SCU
Perfect cut, multipurpose.
Used as bottle opener, pipe wrench, screwdriver, etc.
Finely lacquered.

Overall length	mm	200	
646	Each	16,50	

SCU

646



MULTI-PURPOSE SHEARS

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	4,16	

SCU

646E



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	4,60	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	22,70	29,30

SCISSORS FOR RUBBER

647S

SCU



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	11,80	12,70

SERVING SCISSOR

648

new

SCU



INOX

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

648A

SCU

For fiber glass
and carbon

INOX

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	57,10

648B

SCU

For aramidic fibers



INOX

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	60,00

648G



For synthetic fibers



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	138,00	205,00

649G



For synthetic fibers



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	138,00

ELECTRICIAN'S SCISSORS
Prod. SCU

Model with straight blades.
 Forged and hardened steel. Fine nickel plated finish. Screw adjusting. Wire cutter.
 Serrated blade.
 Standard quality.

Overall length	mm	125
651A	Each	6,90


651A

Model with curved blades.

Forged and hardened steel. Fine nickel plated finish. Screw adjusting. Wire cutter.
 Serrated blade.
 Standard quality.

Overall length	mm	125
655A	Each	7,24


655A

Model with 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	7,26


656A

Product description as Art. 656A

High quality, with thick plastic coated ring-shaped handle.

Overall length	mm	140
656A 3	Each	8,04


656A 3

Product description as Art. 656A

Top quality, with thick plastic coated ring-shaped handle.

Overall length	mm	140
656B	Each	9,34


656B

Model with straight blades.

Forged and hardened steel. Fine nickel plated finish. Screw adjusting. Wire cutter. Serrated blade.
 Extra quality, with thick plastic coated rings. Smooth blades, milled, burnished.

Overall length	mm	140
656E	Each	9,68


656E

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	16,10


656F

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	16,80


656L
new

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	140
656P	Each	6,60


656P

656R

SCU

INOX

Straight



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	13,50

656T

SCU

INOX

Straight



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	13,30

657A

SCU

Curved



Model with 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	7,88

657A 3

SCU

Curved



Product description as Art. 657A
High quality, with thick plastic coated ring-shaped handle.

Overall length	mm	140
657A 3	Each	8,64

657B

SCU

Curved



Product description as Art. 657A
Top quality, with thick plastic coated ring-shaped handle.

Overall length	mm	140
657B	Each	10,10

661

SCU



Model for phone maintenance and service. Forged and hardened steel. Fine nickel plated finish. Screw adjusting. Wire cutter. Serrated blade. Plastic coated rings.

Overall length	mm	140
661	Each	7,50

SAFETY CASES FOR SCISSORS

661L

SCU



Prod. SCU
Made from flexible and durable nylon. With attaching belt clip. Suitable for shears as per Art. 656 E - F - P - R - T.

661L	Each	4,16
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CLASP KNIVES FOR ELECTRICIANS

662

SCU



Prod. SCU
Model with wooden handle and steel blade with wire stripper. Open overall length 195mm. Blade length 85mm.

662	Each	7,08
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662B

SCU



Model with unbreakable plastic handle and steel blade with wire stripper. Open overall length 195mm. Blade length 85mm.

662B	Each	6,10
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662C

SCU

INOX



Model with unbreakable plastic handle and stainless steel blade with wire stripper. Open overall length 195mm. Blade length 85mm.

662C	Each	7,16
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Model with unbreakable plastic handle and steel blade with wire stripper.
Open overall length 195mm. Blade length 85mm.

662E Each **6,66**

SCU

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 **39,00**



INOX

662GP



CABLE DISMANTLE KNIVES

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 **29,90**

SCU

662R



POCKET CLASP KNIVES

Prod. SCU

Universal model. Unbreakable plastic handle and stainless steel blade.
Open overall length 195mm. Blade length 85mm.

662S Each **7,02**

SCU

INOX

662S



Universal model. Wooden handle and stainless steel blade.
Blade brass housing.

Overall length as open	mm	180
Blade length	mm	85

662T Each **18,10**

SCU

INOX

662T



Universal model. Hard wood handle and brass reinforcements.
Stainless steel blade. Blade brass housing.
Open overall length 180mm. Blade length 80mm.

662TA Each **33,30**

SCU

INOX

662TA



Universal model, 4-blade, utility. Unbreakable plastic handle and steel blades. Open overall length 180mm.

662V Each **16,30**

SCU

662V



Universal model, 4-blade, utility. Precious wood handle and steel blades.
Open overall length 185mm.

662Z Each **24,30**

SCU

662Z



CLASP KNIVES

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 **57,40**

SCU

INOX

663A



Product description as Art. 663A
With finely serrated blade.

663B Each **57,40**

SCU

INOX

663B



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	51,90
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Spare serrated-edge blade

O663GA	Each	47,50
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Package UNITS containing 10 thin safety blades each, supplied in dispenser with a 3mm hexagonal wrench.

O663GB	Per pack	21,80
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DRAWSPRINGS
663T SCU

Prod. SCU

Hardened steel tape with rounded edges. Ball head with ending hook.

Cross section 3.5x0.5mm.

Tape in rolls by		5	10	15	20	30
663T	Each	2,98	3,78	4,84	6,02	8,26

664 SCU


Round nylon tape, resistant and flexible. Flexible head with ending hook.

Diameter 3mm.

Tape in rolls by		5	10	15	20	30
664	Each	4,92	6,42	8,18	10,10	10,70

664A SCU


Product description as Art. 664

Diameter 4mm.

Tape in rolls by		5	10	15	20	30
664A	Each	5,92	8,44	11,50	14,50	20,50

664GL SCU


Professional construction.

Interwoven type, tape in polyester. Flexible head with ending hook (threaded connection M5).

Diameter 4.5mm.

Tape in rolls by		15	20	30
664GL	Each	71,40	85,50	113,00

664GM SCU


Product description as Art. 664GL

Diameter 5,2mm.

Tape in rolls by		30	50
664GM	Each	89,00	158,00

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	22,10	28,20	34,30	47,10

SCU



664GP

2

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	155,00	252,00



664GR

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	45,90	81,30	117,00	142,00

SCU



664SA

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	6,24
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SCU



664TA 1

ACCESSORIES FOR ART. 664 SA ALL SIZES AVAILABLE
 Suitable also as spare parts and accessories for Art. 664 GL-GM-GP.
 Pulling hook

664TA 2	Each	2,04
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SCU



664TA 2

ACCESSORIES FOR ART. 664 SA ALL SIZES AVAILABLE
 Suitable also as spare parts and accessories for Art. 664 GL-GM-GP.
 Connection

664TA 3	Each	1,94
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SCU



664TA 3

ACCESSORIES FOR ART. 664 SA ALL SIZES AVAILABLE
 Suitable also as spare parts and accessories for Art. 664 GL-GM-GP.
 Start/end connection

664TA 4	Each	2,04
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SCU



664TA 4

Cable pullers suitable for all drawsprings having Ø 3 to 6mm.

664TA 5	Each	4,42
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SCU



664TA 5

DRAWSPRINGS WITH BOX
664Z **SCU**

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	151,00	193,00	204,00	179,00

REELS FOR RODS
665 **SCU**

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	159,00
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LUBRICANT FOR DRAWSPRINGS
665A **SCU**

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	12,70
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665C **SCU**


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	13,90
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665E **SCU**


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	15,10
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As for safety gloves for drawsprings operation see Art. 3398 S 5.

ALL USES SNIPS

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	14,20

SCU

INOX

665T



Orig. Carolus - Art. 9160.00

Blades made from 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	25,40

carolus
by GEORE

665Z



SNIPS FOR JEWELLERS

Prod. SCU

In forged and hardened steel. Enamelled, polished head. Screw adjusting.
Plastic-coated handles.
Straight blades.

Overall length	mm	180
666	Each	11,20

SCU

666



Product description as Art. 666

Curved blades.

Overall length	mm	180
667	Each	11,70

SCU

667



In forged and hardened steel. Enamelled, polished head. Screw adjusting.
Ring-shaped handles, enamelled.
Straight blades.

Overall length	mm	180
668	Each	10,10

SCU

668



Product description as Art. 668

Curved blades.

Overall length	mm	180
669	Each	10,70

SCU

669



HAND CUTTERS

Prod. SCU

Made from sturdy sheet steel with handles coated in soft material, and a head composed of special, burnished alloys, 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

SCU

669T



SNIPS FOR SHEETS

Prod. SCU

Italy model
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	15,30	17,30	19,70	22,30	24,80

SCU

670



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	17,80	21,50	27,30

SCU

672



672G

SCU



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	16,70	22,40	27,90	37,50

676

SCU



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

BAND-IRON SNIPS

678A

SCU



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	21,80

678G

SCU



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. Spring-action opening.

Overall length	mm	250
678G	Each	25,60

678GA

SCU



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.

Cutting capacity	mm	25x0,5
Overall length	mm	250
678GA	Each	105,00

678GB

SCU



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	192,00

678GE

SCU



Product description as Art. 678GB

Overall length	mm	650
Cutting capacity	mm	51x1,3
678GE	Each	228,00

SNIPS FOR SHEETS

679D
679S

SCU



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	27,80

Product description as Art. 679D

Left-cut blades

Overall length	mm	270
Max cutting depth	mm	1
679S	Each	27,80

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	25,80	26,20

Product description as Art. 680GD
Left-cut blades

Overall length	mm	260	280
Max cutting depth	mm	1	1,1
680GS	Each	25,80	26,20


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
681GD	Each	163,00

Product description as Art. 681GD
Left-cut blades

Overall length	mm	280
681GS	Each	163,00


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	28,60

Product description as Art. 682GD
Left-cut blades

Overall length	mm	300	350
Max cutting depth	mm	1,2	1,4
682GS	Each	28,60	37,10


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
683GD	Each	190,00

Product description as Art. 683GD
Left-cut blades

Overall length	mm	300
683GS	Each	190,00


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	20,50	22,60

Product description as Art. 686GD
Left-cut blades

Overall length	mm	250	275
Max cutting depth	mm	1	1,1
686GS	Each	20,50	22,60



687GD
687GS

SCU



HSS

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
687GD	Each	143,00

Product description as Art. 687GD

Left-cut blades

Overall length	mm	275
687GS	Each	143,00

689D
689S

SCU



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

691GD
691GS

SCU



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	22,20	24,30

Product description as Art. 691GD

Left-cut blades

Overall length	mm	275	300
Max cutting depth	mm	1	1,2
691GS	Each	22,20	24,30

697GD
697GS

SCU



HSS

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
697GD	Each	117,00	120,00

Product description as Art. 697GD

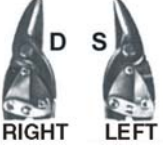
Left-cut blades

Overall length	mm	275	300
697GS	Each	117,00	120,00

COMPOUND ACTION SNIPS

698GD
698GS

SCU



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 thicknesss INOX (V2A)	mm	1,2
698GD	Each	39,40

Product description as Art. 698GD

Left-cut blades

Overall length	mm	260
Cutting capacity	mm	1,8
Max. cutting thicknesss INOX (V2A)	mm	1,2
698GS	Each	39,40

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
699GD	Each	125,00

Product description as Art. 699GD

Left-cut blades

Overall length	mm	260
699GS	Each	125,00



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 thickness INOX (V2A)	mm	1,2
700GD	Each	38,10

Product description as Art. 700GD

Left-cut blades

Overall length	mm	260
Max cutting depth	mm	1,8
Max. cutting thickness INOX (V2A)	mm	1,2
700GS	Each	38,10



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
701GD	Each	158,00

Product description as Art. 701GD

Left-cut blades

Overall length	mm	260
701GS	Each	158,00



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	32,10

Product description as Art. 707GA

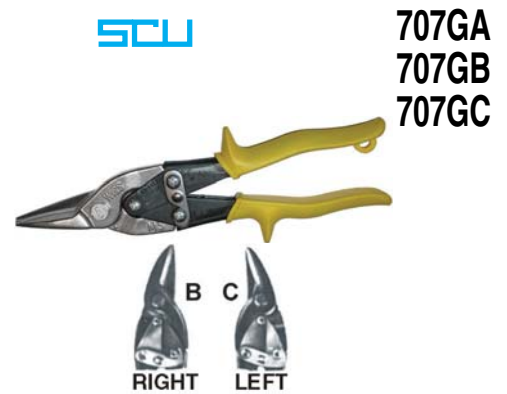
Right-cut blades

Overall length	mm	245
707GB	Each	32,10

Product description as Art. 707GA

Left-cut blades

Overall length	mm	245
707GC	Each	32,10



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 thickness INOX (V2A)	mm	1,2
708GD	Each	38,10

Product description as Art. 708GD

Left-cut blades

Overall length	mm	230
Max cutting depth	mm	1,8
Max. cutting thickness INOX (V2A)	mm	1,2
708GS	Each	38,10



SHEET METAL CUTTERS

709


**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	40,50
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Fre spare blades see Art. O709 GA.

709G


**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	57,20
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SPARE BLADES FOR NIBBLERS

Spare blades for Art. 709 - 709 G - 709 GL

O709GA	Each	14,30
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709GL




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.

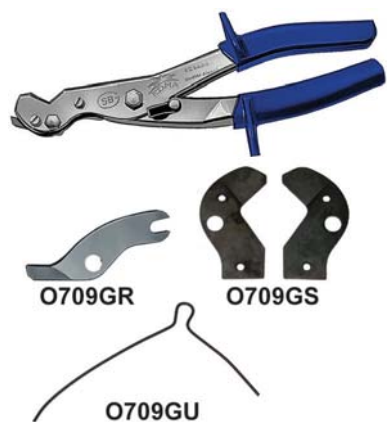
Max. steel cutting thickness 1.2mm.

Max. plastic and aluminium cutting thickness 2mm.

Overall length mm 265

709GL	Each	60,20
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709GP

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
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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. 709 G - 709 GL - 709 GP.

O709GU	Each	6,20
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Product running out of stock

RIBBON CABLE CUTTERS

709GS


**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
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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.

O709GV	Per pack	8,32
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Product running out of stock

PELICAN CUTTERS

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 **170,00**

SCU

709GT



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 **192,00**

SCU

709GZ



PLATE AND ROUND STEEL SHEARS

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 with thickness 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	178,00	203,00	286,00	598,00	1.660,00	2.530,00

Upper blade.

Knives length	mm	120	150	180	300	400	500
O710GA	Each	55,10	69,40	86,20	125,00	187,00	218,00

Lower blade.

Knives length	mm	120	150	180	300	400	500
O710GB	Each	33,50	40,70	45,50	67,10	179,00	214,00

Blade for round steel.

Knives length	mm	120	150	180	300	400	500
O710GC	Each	12,10	12,10	14,40	14,40	14,40	14,40

KANCA

710G



Product description as Art. 710G.

Model also suited to cut square iron.

With lever.

For sheets with thickness 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	994,00

Upper blade for Art. 710 G 1.

O710G 1A Each **79,50**

Lower blade for Art. 710 G 1.

O710G 1B Each **90,90**

Blade for round steel for Art. 710 G 1.

O710G 1C Each **45,50**

Blade for square steel for Art. 710 G 1.

O710G 1D Each **57,50**

KANCA

710G 1



710G 1E



Product description as Art. 710G.

Model also suited to cut square iron and profiles.

With lever.

For sheets with thickness up to	mm	8
For flat iron up to	mm	100x9
For round iron up to Ø	mm	16
For L-shaped and T-shaped profile bars	mm	40x6
Knives length	mm	175
Weight approx.	Kg	47

710G 1E Each **1.210,00**

Upper blade for Art. 710 G 1E.

O710G 1E Each **79,50**

Lower blade for Art. 710 G 1E.

O710G 1F Each **90,90**

Spare blades for "L" and "T" profiles and round-shaped iron available on request.

710G 2



Product description as Art. 710G.

Model also suited to cut square iron and profiles.

With lever.

For sheets with thickness 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-shaped and T-shaped profile bars	mm	60x7
Knives length	mm	175
Weight approx.	Kg	105

710G 2 Each **1.670,00**

Upper blade for Art. 710 G 2.

O710G 2A Each **79,50**

Lower blade for Art. 710 G 2.

O710G 2B Each **90,90**

Blade for round steel for Art. 710 G 2.

O710G 2C Each **45,50**

Blade for square steel for Art. 710 G 2.

O710G 2D Each **57,50**

Spare blades for "L" and "T" profiles available on request.

CONCRETE REINFORCING STEEL BAR SHEARS

710G 3



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 **338,00**

Spare blades for Art. 710 G 3.

O710G 3A Per pair **52,70**

Shears for round iron up to Ø mm 26/28/32 available on request.

PUNCHING MACHINES

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 and thicknesses up to	mm	12x6,3 / 18x3,5
For material cutting with R.	kg/mm ²	45
Span	mm	90
Punching power	t.	8
Weight approx.	Kg	18

710G 3E Each **544,00**

Spare punches for Art. 710 G 3E.

Ø	mm	3	4	5	6	7	8	9	10
O710G 3E	Each	17,10	17,10	17,10	17,10	17,10	17,10	17,10	17,10
Ø	mm	11	12	13	14	15	16	17	18
O710G 3E	Each	24,40	24,40	24,40	24,40	24,40	24,40	24,40	24,40

Spare dies for Art. 710 G 3E.

Ø	mm	3	4	5	6	7	8	9	10
O710G 3F	Each	36,60	36,60	36,60	36,60	36,60	36,60	36,60	36,60
Ø	mm	11	12	13	14	15	16	17	18
O710G 3F	Each	36,60	36,60	36,60	36,60	36,60	36,60	36,60	36,60

PLATE AND ROUND STEEL SHEARS

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 with thickness 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 **330,00**



710G 4

2

Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 710G 4

Upper blade

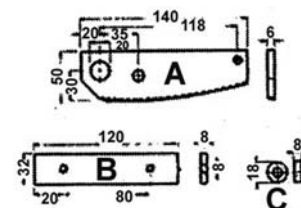
711G 4A Each **97,90**

Lower blade

711G 4B Each **54,70**

Blade for round steel

711G 4C Each **20,20**



711G 4A
711G 4B
711G 4C

Orig. Peddinghaus - Art. Mod. 1 BR5/2

Product description as Art. 710G 4.

With lever

For sheets with thickness 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 **359,00**



710G 5

Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 710G 5

Upper blade

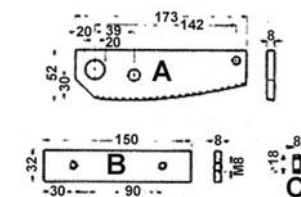
711G 5A Each **113,00**

Lower blade

711G 5B Each **63,40**

Blade for round steel

711G 5C Each **20,20**



711G 5A
711G 5B
711G 5C

Orig. Peddinghaus - Art. Mod. 1 BR6/3

Product description as Art. 710G 4.

With lever

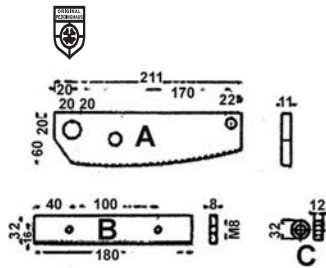
For sheets with thickness up to	mm	6
For flat iron up to	mm	70x7
For round iron up to Ø	mm	13
For metals cutting with R.	kg/mm ²	45
Knives length	mm	180
Weight approx.	Kg	17

710G 6 Each **466,00**



710G 6

711G 6A
711G 6B
711G 6C



Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 710G 6

Upper blade

711G 6A Each **147,00**

Lower blade

711G 6B Each **77,80**

Blade for round steel

711G 6C Each **25,90**

712G 3



Orig. Peddinghaus - Art. Mod. 2 BR4/300/2

Product description as Art. 710G 4.

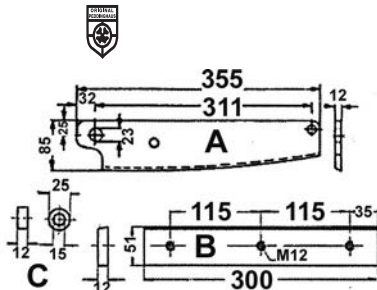
Long blades model.

With lever.

For sheets with thickness 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/mmq	45
Knives length	mm	300
Weight approx.	Kg	34

712G 3 Each **790,00**

713 3A
713 3B
713 3C



Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 712G 3

Upper blade.

713 3A Each **271,00**

Lower blade.

713 3B Each **165,00**

Blade for round steel.

713 3C Each **25,90**

714G



Orig. Peddinghaus - Art. Mod. 4 BR8

Product description as Art. 710G 4.

Suited to cut profiles even in 2 or 3 steps.

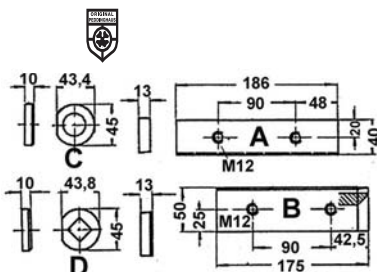
With lever.

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-shaped and T-shaped in two or three cuts up to	mm	40x5

For metals cutting with R.	kg/mmq	45
Knives length	mm	175
Weight approx.	Kg	43

714G Each **1.160,00**

715NA
715NB
715NC
715ND



Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 714G

Upper blade.

715NA Each **101,00**

Lower blade.

715NB Each **133,00**

Blade for round steel.

715NC Each **69,10**

Blade for square steel.

715ND Each **83,50**

PLATE SECTION AND BAR STOCK SHEARS

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 with thickness 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/mmq	45
Knives length	mm	175
Weight approx.	Kg	107
716G 10	Each	2.930,00



716G 10

2

Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 716G 10

Upper blade.

717 10A	Each	118,00
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Lower blade.

717 10B	Each	133,00
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Blade for square steel.

717 10C	Each	83,50
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Blade for round steel.

717 10D	Each	69,10
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Profile detail.

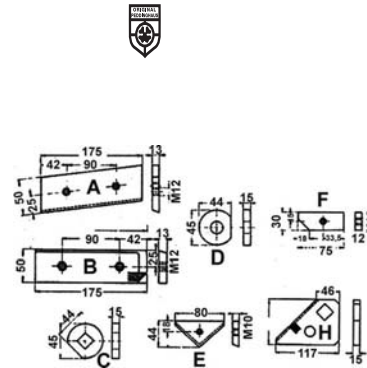
717 10E	Each	130,00
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Profile detail.

717 10F	Each	88,84
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Profile detail.

717 10H	Each	248,00
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717 10A
717 10B
717 10C
717 10D
717 10E
717 10F
717 10H

COMBINE SHEARING AND PUNCHING MACHINES

Orig. Peddinghaus - Art. Mod. 34 BR6P

Rolled 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 with thickness 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/mmq	45
Knives length	mm	180
Weight approx.	Kg	30
720G	Each	1.090,00

Spare punches and dies, see Art. 759A-B



720G

Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 720G

Upper blade.

721NA	Each	147,00
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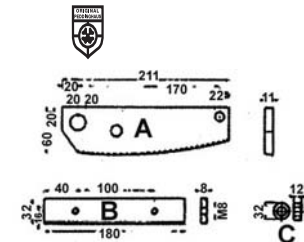
Lower blade.

721NB	Each	77,80
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Blade for round steel.

721NC	Each	25,90
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Punches and dies, see Art. 759A-B



721NA
721NB
721NC

CONCRETE REINFORCING STEEL BAR SHEARS

736G



Orig. Peddinghaus - Art. Mod. 50/22P

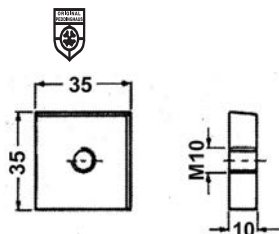
P.A.M. models consist in a thick sheet steel monobox frame, welded and surrounding the cutting area. In these shears no flexion point was evident even when they undergo max. stress. Lever holder with lever in hardened and tempered steel. Square blades in alloy steel, hardened according to the exclusive 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	532,00

736R



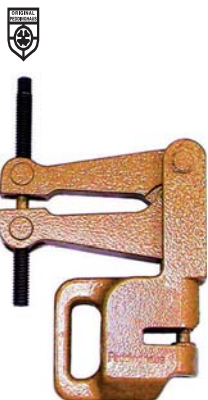
Orig. Peddinghaus

SPARE BLADES FOR SHEAR ART. 736G

Dimensions	mm	35x35x10
736R	Per pair	156,00

DUPLEX PUNCHING MACHINES

754G 17



Orig. Peddinghaus - Art. Mod. 27/250

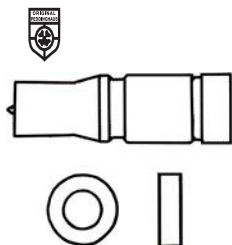
Fully forged steel composition. Easy to carry, for use even in places that are hard to reach. Can also be used on workbench (lock in grip).

Great punching force.

Punches and dies in high-resistance steel. (Supplied with 17 mm punch and die). With operating rod.

For bores and thicknesses 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	969,00

755C
755D



Orig. Peddinghaus

SPARE PUNCHES AS PER ART. 754 G 17

Punches - Ø connection 18 mm.

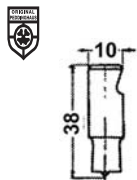
Ø	mm	8	9	10	11	12	13	14	15	16	17
755C	Each	30,60	30,60	30,60	30,60	30,60	30,60	30,60	30,60	30,60	30,60

SPARE MATRIXES AS PER ART. 754 G 17

Ø	mm	8	9	10	11	12	13	14	15	16	17
755D	Each	35,70	35,70	35,70	35,70	35,70	35,70	35,70	35,70	35,70	35,70

SPARE PARTS FOR PUNCHING MACHINES

759A



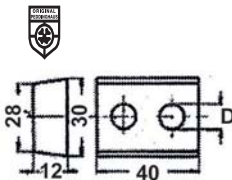
Orig. Peddinghaus

SPARE PUNCHES FOR ART. 720G

Punches - connection Ø 10mm

Ø	mm	3	4	5	6	7	8	9	10
759A	Each	20,40	20,40	20,40	20,40	20,40	20,40	20,40	20,40
Ø	mm	11	12	13	14	15	16	17	18
759A	Each	30,60	30,60	30,60	30,60	30,60	30,60	30,60	30,60

759B



SPARE DIES FOR ART. 720G

Ø	mm	3	4	5	6	7	8	9	10
Bores	Nr	2	2	2	2	2	2	2	2
759B	Each	56,10	56,10	56,10	56,10	56,10	56,10	56,10	56,10
Ø	mm	11	12	13	14	15	16	17	18
Bores	Nr	1	1	1	1	1	1	1	1
759B	Each	50,90	50,90	50,90	50,90	50,90	50,90	50,90	50,90

SCREW PUNCHES
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	16,90	16,90	17,10	17,60	18,70	19,70	19,70	27,00	27,80	27,80
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	29,60	30,30	32,90	34,30	34,60	34,60	37,70	57,80	59,10	61,40

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 and 54
O759GA	Each	5,40	9,46	11,80	14,80

759GA

2

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	22,10	22,10	22,40	22,80	23,90	24,80	24,80	32,70	33,40	33,40
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	35,30	36,10	38,60	40,10	40,30	40,30	43,40	69,30	70,60	72,80

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 and 54
O759GE	Each	11,70	16,10	20,70	26,80

759GE

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	143,00
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759GM


759GP SCU



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 **120,00**

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 aluminium sheet, plastics, etc. Ø 4 mm for all.

For bores Ø	mm	12,7	14	15,2	16	17	18	18,6	19	20	20,4	21	22	22,5	23	24	25
Pre-bore Ø	mm	10	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Screw Ø	mm	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10
760GF	Each	29,10	29,10	29,10	29,10	31,10	31,10	32,60	32,60	32,60	32,60	32,60	35,70	35,70	35,70	35,70	39,10
For bores Ø	mm	26	27	28,3	29	30	31	32	33	34	35	36	37	38	39	40	41
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	20
Screw Ø	mm	10	10	12	12	12	12	12	12	12	12	12	12	12	12	12	16
760GF	Each	39,10	39,10	39,10	43,40	43,40	43,40	43,40	50,10	50,10	50,10	50,10	50,10	50,10	68,50	68,50	68,50
For bores Ø	mm	42	43	44	45	46	47	48	49	50	51	52	53	54	55	60	
Pre-bore Ø	mm	20	20	20	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	16	16	16
760GF	Each	74,70	74,70	74,70	81,30	81,30	81,30	89,20	89,20	89,20	97,80	97,80	97,80	106,00	106,00	131,00	

SPARE SCREWS FOR ART. 760 GF. In hardened steel.

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	1,30	2,04	2,46	3,34

ASSORTED PUNCHES

760GFA SCU 760GFB



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 **319,00**

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 **526,00**

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	32,30	32,30	34,10	37,10	37,10	39,80	44,90	44,90
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	48,40	55,60	55,60	56,40	74,40	76,20	90,50	110,00

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	830,00
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Spare pin (3/8x24 UNF) for punches and dies from Ø 15.2mm to 33mm.

O760GH 1	Each	20,80
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Spare pin (3/4x16 UNF) for punches and dies from Ø 35mm to 100mm.

O760GH 2	Each	48,40
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Spare adapter for pin Art. 0760 GH 1, with external 3/4x16 UNF thread.

O760GH 3	Each	13,70
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Spare spacer for punching machines Art. 760 GH - 760 GH 8.

O760GH 4	Each	17,10
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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	984,00
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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	46,10	58,40	58,80	58,10	71,40	73,20	59,50	71,60	87,60	60,90	87,60	107,00	77,10	79,60
For bores Ø	mm	28,3	30	30,5	32	33	35	37	40	42	43,2	45	47	50	54
760GL	Per pair	67,10	84,10	71,10	144,00	147,00	153,00	87,50	162,00	170,00	170,00	227,00	131,00	212,00	152,00
For bores Ø	mm	55	59,3	60	65	70	80	90	100						
760GL	Per pair	223,00	168,00	231,00	290,00	291,00	337,00	809,00	872,00						

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:

PG9 mm 15,2 - PG11 mm 18,6 - PG13 mm 20,4 - PG16 mm 22,5 - PG21 mm 28,3 - PG29 mm 37,0 - PG36 mm 47,0 - PG42 mm 54,0 - PG48 mm 59,3.

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	46,10	59,50	61,60	73,70	90,10	137,00	171,00

Attention: from 20,5mm to 63,5mm the punches and dies are equipped with elastic insert for better guided cutting and longer working life.

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 **1.250,00**

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 **1.430,00**

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 **1.270,00**

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 stainless steel sheet thickness mm 2,5

Length mm 335

Weight Kg 2,6

760GR 3 Each **1.280,00**

Spare pins for punches and dies Ø 16.2mm and 18.6mm.

O760GR 3 Each **34,40**

Spare pins for punches and dies Ø 20.4mm and 30.5mm.

O760GR 5 Each **28,20**

Spare pins for punches and dies Ø 37mm and 68mm.

O760GR 7 Each **59,10**

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	76,50	79,50	63,90	66,80	70,20	75,90	155,00

For bores Ø	mm	47	54	68
760GS 3	Per pair	176,00	206,00	266,00

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 **1.590,00**

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	749,00
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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 stainless steel sheet thickness	mm	3
Length	mm	101
Weight	Kg	1.5

760GV 1	Each	716,00
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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	755,00
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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	1.260,00
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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 Volt mono-phase current – 50 Hz.

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	4.320,00
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BAUDAT
CE 760GV 8


OIL-HYDRAULIC PUNCHING MACHINES IN SETS
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 10Each **1.960,00****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.

760GZEach **2.460,00**
OIL-HYDRAULIC PUNCHING MACHINES IN SETS
760GZ 3**BAUDAT****INOX****Orig. Baudat**

STANDARD assortment for plumbers, electricians, sanitary installers, electric systems installers, etc.

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 3Each **1.810,00****760GZ 5****BAUDAT****INOX**

Product description as Art. 760GZ 3

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 5Each **2.300,00**
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
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Overall length

mm	400	500	600	690
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761

Each

5,84	9,50	15,40	28,20
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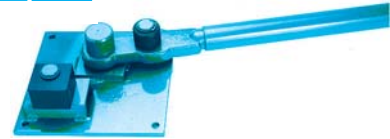
LEVER BAR BENDERS

Prod. SCU

Steel body. Hardened pins.
Iron up to max.Ø 24mm.

764 Each **106,00**

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

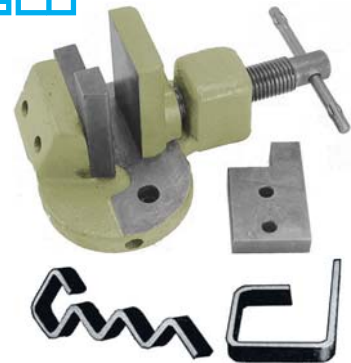
Bar bender tool, for steel with R up to 45 kg/sqmm, to be used together with basic unit Art. 766 A. Weight 8.5kg.

Tool only.

Cold flat bending up to mm 100x7
Fine round cold bending mm 25
Fine square cold bending mm 23

766B Each **942,00**

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.

Cold flat bending up to mm 50x15
Fine round cold bending mm 25
Fine square cold bending mm 23

766C Each **877,00**

Data refer to a bending Ø of 100mm.

INCLUDED AND SPARE DIES

Ø	mm	40	50	60	70	80	90	100	150	200
O766C	Each	156,00	156,00	189,00	189,00	189,00	189,00	189,00	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.

Cold flat bending up to 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.

Cold flat bending up to	mm	100x10
Fine plate hot bending	mm	100x20
Square/round cold bending	mm	22/25
Square/round hot bending	mm	30
Fine L-shaped iron cold bending	mm	100x10
Fine L-shaped iron hot bending	mm	100x12
Weight approx.	Kg	28

774G	Each	1.970,00
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774RA GEDORE

Orig. Gedore - Art. 280117

ADDITIONAL TOOLS FOR ART. 774 G.

Multiple bends.

774RA	Each	491,00
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774RB GEDORE

Orig. Gedore - Art. 280111

ADDITIONAL TOOLS FOR ART. 774 G.

Sharp and round edge bending tool.

774RB	Each	193,00
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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
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774RE GEDORE

Orig. Gedore - Art. 280112

ADDITIONAL TOOLS FOR ART. 774 G.

Round edge bending tool.

774RE	Each	313,00
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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	177,00
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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	234,00

SCU



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	7
774T	Each	244,00

SCU



774T



60 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	231,00

SCU



774TG



60 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	295,00

SCU



774TL



120 bar

Product description as Art. 774TL
V2A stainless steel sheet tank.

Weight	Kg	8
774TP	Each	375,00

SCU



774TP



120 bar

INOX

GULLY PUMPS

774V


**Prod. SCU**

Syringe-type made of sturdy synthetic material.
Complete with narrow adaptor union and wide suction cup Ø 100mm.

Length	mm	450
774V	Each	17,70

PIPE CLEANER SPRINGS

774Z


**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	4,86	7,52	9,46

774ZL




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	22,10	29,70	40,10

775




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	38,10	52,40	60,70

775GA




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	26,10
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775GB




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	16
For pipes Ø	mm	40-70	50-100	100-200
775GB	Each	66,30	69,50	94,30

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	45,50	55,90	70,10

EXTENSIONS FOR ART. 775 GB.

Length 5m. Threaded connector Ww 1/2.

For springs Ø	mm	10	12	16
775GDA	Each	83,30	102,00	130,00

SCU



775GD
775GDA

SPARE TERMINALS.

Spiral-type for universal use. Threaded connector Ww 1/2.

For springs Ø	mm	10	12	16
775GE	Each	8,00	8,48	8,84

SCU



775GE

SPARE TERMINALS.

Conical sphere type suited to clean bent pipes. Threaded connector Ww 1/2.

For springs Ø	mm	10	12	16
775GF	Each	7,50	7,50	8,48

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	15,50	16,30

SCU



775GH

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	25,50
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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
775P	Each	75,70	75,70	75,70	75,70

Expanders	mm	16	18	22	28
775P	Each	75,70	75,70	75,70	94,60

SCU



775P

Tube expanding pliers Art.775P. Hardened steel operating parts, synthetic material ergonomic handles.

775R	Each	253,00
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SCU



775R

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	536,00
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SCU



775S

EXPANDING AND CALIBRATING PLIERS

775V


**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	82,50
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FLARING TOOLS
776G
776GA

**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	67,80
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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	67,80
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776GAB
776GAC
776GAD

**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	166,00
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Product description as Art. 776GAB

Flaring tool complete with clamp for pipes Ø 15 - 16 - 17 - 18 - 19mm.

776GAC	Each	166,00
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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	188,00
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TOOLS FOR PIPE SETS
776GAE
776GAF

**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	147,00
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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	147,00
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Orig. Gedore - Art. 233301

Product description as Art. 776GAE

The set consists of:

- 1 pipe flaring tool Art. 776 GAB
 - 1 automatic feeding pipe cutter Ø 4 to 32mm
- Complete set available in metal case.

776GAH Each **272,00**

Orig. Gedore - Art. 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 **272,00**

Orig. Gedore - Art. 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 **294,00**

GEDORE

**776GAH
776GAH 3
776GAH 5**



2

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 **84,60**

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 **84,60**

SCU

**776GL
776GLA**



FLARING TOOLS

Orig. Gedore - Art. 234001

Professional tool for 90° and 180° double flaring of copper, brass, aluminium and light metal pipes according to DIN74234. Suitable for thin-drawn tubes and rolled pipes, Bundy type.

The tool is used closed in a clamp.

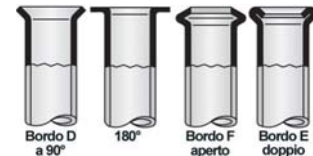
The set consists of:

- 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 available in metal case.

776GMA Each **580,00**

GEDORE

776GMA



Orig. Gedore - Art. 234000

SPARES FOR DOUBLE FLARING TOOLS

Base unit.

776GME Each **193,00**

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	12,10	12,10

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		14,30	14,30	14,30	14,30	14,30	14,30

776GMP **GEDORE**

Orig. Gedore - Art. 234101
SPARES FOR DOUBLE FLARING TOOLS

Pipe clamp.

For pipes Ø	mm	4,75 to 10
776GMP Each		167,00

TUBING BENDER SPRINGS
776GS **SCU**

Prod. SCU

For external use. In steel wires for springs. For cold bending of annealed copper pipes.

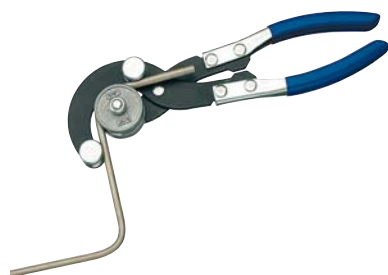
For pipes Ø	mm	6	8	10	12	14	15	16	18	22
Overall length	mm	250	250	270	300	300	300	300	250	250
776GS Each		3,24	4,28	4,28	6,02	7,46	8,66	8,66	10,00	10,10

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		4,12	4,50	4,88	5,62

TUBING BENDERS FOR LIGHT METALS
777E **GEDORE**

Orig. Gedore - Art. 2415

Steel pliers model with nickel-plated and plastic handles which are suitable 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		55,30

PARTS LIST AS PER ART. 777 E.

Size	1	2	
For pipes ext Ø by	mm	4,75 to 6	8 to 10
For pipes ext Ø by	inch	3/16 to 1/4	5/16 to 3/8
Bending radius	mm	15	15
0777E Each		7,36	7,36

777G
777GP **SCU**

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		52,20	56,70	65,60	70,20	88,30	95,10	99,60	219,00

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		52,20	65,60	88,30

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	39,20



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 required.

For pipes Ø ext	mm	4-6-8-10
Overall length	mm	260
Weight	Kg	0.350
779	Each	43,30



Fixed measure type suitable for mechanic workshops. For bending aluminium, brass, annealed copper and fine steel pipes from 0° to 180°. In Aluminium fusion with thick antirust treatment.

For pipes Ø ext	mm	18
Bending radius	mm	54
779E	Each	66,84



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	1.400,00
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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	106,00	106,00	117,00	117,00	109,00	127,00

Size mm 14 is running out of stock



Orig. Gedore - Art. 243010

SPARE DIES FOR ART. 780P 1.

Bending rod.

780PB	Each	179,00
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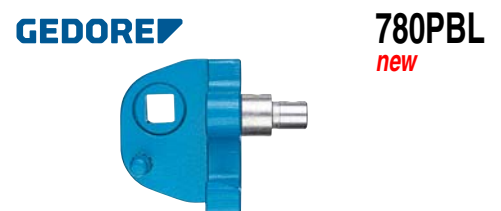


Orig. Gedore - Art. 243070

Product description as Art. 780PB

Support for dies, fixed.

780PBL	Each	243,00
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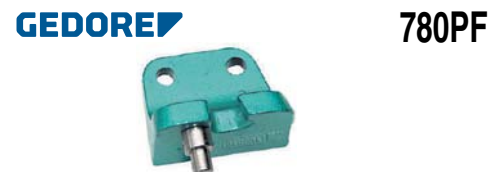
Orig. Gedore - Art. 243040

Product description as Art. 780PB

Dies-holder accessory, fixed.

780PF	Each	64,40
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Product running out of stock



780R **GEDORE**



Orig. Gedore - Art. 244

One-lever type to be necessarily installed on a bench or vice.
Suitable for bending copper pipes according to DIN EN 1057 with or without coating (WICU), non-ferrous metal pipes, steel pipes with thermal insulation, precision steel pipes from 0° to 180°.

The set consists of:

No.6 dies with guide Art. 780 RA for pipes ext. Ø 15-16-18-20-22-28mm

No.1 base unit Art. 780 RB

No.1 bending rod Art. 780 RC

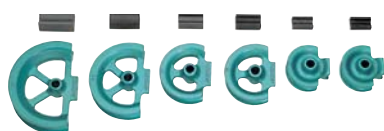
No.1 automatic pipe cutter for pipes Ø 4 to 32mm.

In metal case.

780R Each **1.850,00**

Product running out of stock

780RA **GEDORE**



Orig. Gedore - Art. 2442

SPARE DIES PROVIDED WITH GUIDE FOR ART. 780R.

For pipes Ø ext	mm	10	12	14	15	18	20	22	25	28	30
For pipes WICU Ø	mm	6	8	10	-	-	15	18	-	22	-
Bending radius	mm	40	40	50	50	65	65	85	100	100	100

780RA Each **157,00** | **157,00** | **157,00** | **157,00** | **175,00** | **175,00** | **209,00** | **255,00** | **255,00** | **364,00**

Product running out of stock

780RB **GEDORE**



Orig. Gedore - Art. 244070

SPARE PARTS FOR ART. 780R.

Base unit.

780RB Each **265,00**

Product running out of stock

780RC **GEDORE**



Orig. Gedore - Art. 244080

Product description as Art. 780RB

Bending rod.

780RC Each **215,00**

Product running out of stock

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 **322,00**

780RF **GEDORE**



Orig. Gedore - Art. E 2785

PARTS LIST AS PER ART. 780RE.

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 **28,10** | **28,10** | **28,10** | **29,80** | **31,30**

780RG **GEDORE**



Orig. Gedore - Art. 278570

SPARE PARTS AS PER ART. 780RE.

Pipe bending base element.

780RG Each **112,00**

Orig. Gedore - Art. 278581

Product description as Art. 780RG

Bending rod with rubber grip.

780RH	Each	67,80
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780RH


2

Orig. Gedore - Art. 278600

Lever model for adding fittings to a bench or in a vice.

Suitable 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 between 1 mm and 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	561,00
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780RL

Orig. Gedore - Art. E 2786

PARTS LIST AS PER ART. 780RL.

In strong aluminium alloy.

Size		8	12	14	15	16	18
For pipes ext Ø by	mm	8	10 to 12	14	15	16	18
Bending radius	mm	32	36	36	43	43	50
780RM	Each	34,10	36,80	36,80	43,80	43,80	43,80

780RM

Orig. Gedore - Art. 278670

SPARE PARTS AS PER ART. 780RL.

Pipe bending base element.

780RO	Each	106,00
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780RO

Orig. Gedore - Art. 278681

Product description as Art. 780RO

Bending rod with rubber grip.

780RP	Each	159,00
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780RP

Orig. Gedore - Art. 278700

Single lever model for adding fittings to a bench or in a vice.

Suitable 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 between 1.5 mm and 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	968,00
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780RS

Orig. Gedore - Art. E 2787

PARTS LIST AS PER ART. 780RS.

In strong aluminium alloy.

For pipes ext Ø by	mm	20	22	25
Bending radius	mm	85	85	85
780RT	Each	148,00	148,00	148,00

780RT

Orig. Gedore - Art. 278770

SPARE PARTS AS PER ART. 780RS.

Pipe bending base element.

780RV	Each	270,00
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780RV

Orig. Gedore - Art. 278781

Product description as Art. 780RV

Bending rod with rubber grip.

780RZ	Each	273,00
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780RZ


780SL **GEDORE**



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**

Product running out of stock

780T

SCU



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 **236,00**

Dies for pipes ext. Ø mm. 26 is available on request.

780V

SCU



SPARE DIES FOR ART. 780T.

For pipes Ø ext	mm	10	12	14	15	16	17	18	
Bending radius	mm	35	40	48	50	58	67	69	
780V	Each	13,80	14,70	15,90	16,80	16,80	17,70	18,50	
For pipes Ø ext	mm	20	22						
Bending radius	mm	76	88						
780V	Each	22,40	28,10						

783A

SCU



Mechanical advancement and traction, ratchet reducer operated. Not suitable for thin steel pipes. Easily carryable, 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 **236,00**

For spare dies see Art. 780 V

SCREW TUBING BENDERS

784

SCU



Prod. SCU

Sturdy and easily carryable. 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 **765,00**

For spare dies 3/8" to 1" see Art. 785 M. 1/4" die available on request.

UNIVERSAL TUBE BENDERS

Prod. SCU

Hand device used for cold/hot bending of empty thin steel and copper pipes. Conform to European specifications DIN EN 1057 . For perfect bending from 0° to 180°. Each diameter to bend needs suitable die and guide supplied in couples. The bender handle may be lengthened by a pipe Ø 1.1/4". The device is supplied together with a base to be bolted to the working desk by means of a tubing bender with ridged roller and cylindrical pressure roller.

Dies and guides excluded and supplied aside. See Art. 784 L-M-N.

Without dies, guides and lever, in box.

784G Each **646,00**

For perfect bending, pipe minimum thicknesses as indicated on dies must be respected. Product only available while stocks last.



DIES AND GUIDES FOR TUBING BENDERS 784 G.

FOR BENDING THIN STEEL PIPES.

The couple is made of 1 die + 1 guide.

For pipes Ø ext	mm	10	19	25	28	32
Min thickness	mm	1	1,25	1,50	1,50	1,50
Bending radius	mm	40	68	105	126	153
784L	Per pair	258,00	379,00	568,00	639,00	819,00

Product running out of stock

FOR BENDING COPPER PIPES.

The couple is made of 1 die + 1 guide.

For pipes Ø ext	mm	6	8	10	12	15	22	28	35
Min thickness	mm	1	1	1	1	1	1,1	1,2	1,3
Bending radius	mm	40	40	40	50	68	81	126	175
784M	Per pair	258,00	258,00	258,00	274,00	379,00	434,00	639,00	1.610,00

The die for Ø mm. 35 is supplied with additional tool.

Product running out of stock



FOR BENDING PLASTIFIED WICO PIPES.

The couple is made of 1 die + 1 guide.

Pipe ext Ø without covering	mm	6	8	10	12	15	22
Pipe ext Ø with covering	mm	10	12	14	16	20	26
Min thickness	mm	1	1	1	1	1	1,1
Bending radius	mm	40	50	50	68	68	105
784N	Per pair	258,00	274,00	274,00	379,00	379,00	568,00

Product running out of stock

Adjustable spacer.

O784P Each **78,30**

Product running out of stock

Adjustable 180° revolving base.

O784R Each **238,00**

Product running out of stock

HYDRAULIC PIPE BENDERS

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, 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 **489,00**



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, MANNESMANN and stainless steel up to Ø 22x1,5mm.

GAS pipes Ø 1/2, MEPLA, GEBERIT and similar pipes up to Ø 26mm.

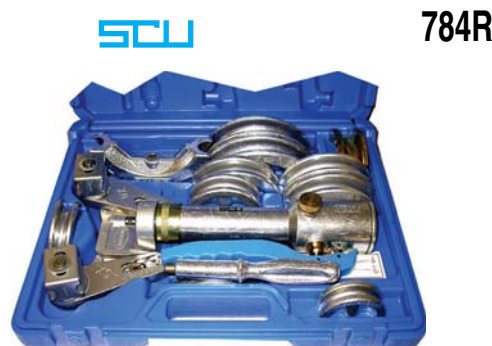
Professional type with very powerful pump. With no. 11 dies Ø mm. 10-12-14-15-16-18-20-22-24-26-1/2 gas. (mm. 26 only for MEPLA, GEBERIT and similar).

In plastic case.

784R Each **684,00**

MATRICI DI RICAMBIO PER 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	36,70	36,70	48,90	48,84	61,10	61,10	61,10	73,30	73,30	73,30



784W



ADDITIONAL DIES ONLY FOR ART. 784 R

For steel, semicrude copper, MEPLA, GEBERIT and similar with thickness 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	73,30	85,50	97,70	110,00	123,00	135,00	135,00
For pipes Ø	mm	32	35	40				
Bending radius	mm	110	110	120				
784W	Each	97,70	135,00	97,70				

COPPIE BRACCETTI SUPPLEMENTARI

Necessary to install 784 W dies 22 to 35mm on 784 R pipe bender pump. To bend coated pipes from 22mm to 40mm and to bend pipes MEPLA, GEBERIT, STARGAS, etc.

0784W	Per pair	147,00
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784Z



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 no. 4 dies for pipes ranging from 3/8-1/2-3/4-1 inches (mm 17-21-27-33).

Complete in case.

784Z	Each	919,00
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785A
785B
785C
785D
785E



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	1.130,00
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Product description as Art. 785A

With no. 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). In wood box.

785B	Each	1.200,00
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Product description as Art. 785A

With no. 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). In wood box.

785C	Each	1.770,00
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Product description as Art. 785A

With no. 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). In wood box.

785D	Each	2.820,00
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Product description as Art. 785A

With no. 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). In wood box.

785E	Each	4.300,00
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785M



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	

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 **1.310,00**

SCU

785TG



2

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	19,40	28,10	47,30	125,00	125,00	177,00

The die for pipes from 3/8 -1/2 inches is also used for bending pipes from ¼ inches.

SCU

785VG



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**

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**

Product running out of stock

GEDORE

**786A
786B**



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	20	22	25	28
Bending radius	mm	75	75	85	85	112
786E	Each	306,00	306,00	334,00	334,00	364,00

Product running out of stock

GEDORE

786E



NEW!

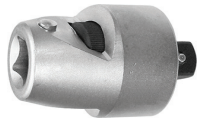
NEWS CHAPTER 3

GEDORE



TORQUE WRENCHES WITH MALE DRIVE

808GZ 1, 808GZ 2, 808GZ 3
► P. 205



811GA

Socket Ratchets For Torque Wrenches
► P. 209



PERCUSSION WRENCHES WITH SAFETY SPRING

843GT, 843GV
► P. 217

GEDORE



COMBINATION SPANNERS SET

875G 26, 877G 26
► P. 227



909GSP

Nut Drivers With Handles Set
► P. 248

GEDORE

carolus
by GEDORE



SETS OF SOCKETS

941GM - 944B, 945GM, 945GP, 945GR, 950GFE - 954GT, 954GV - 971GPE, 971GPL, 971GTE, 971GTF
► P. 272 - 276-278, 282 - 289 301-302

carolus
by GEDORE



RATCHETS

970VA, 970VE
► P. 299

carolus
by GEDORE



984GZE

Set Of Bits With Handle
► P. 335

GEDORE



1000G 16E

Modules With Tools For Tower Trolleys
► P. 363



TORQUE SCREWDRIVERS

794G 9F, 794G 9VH, 794G 9VL, 794G 9VM, 794G 9VP, 794G 9VR, 794G 9VT ► P. 178-180

GEDORE



809GZE

Bits With 22 mm Diameter Female Coupling
► P. 208

GEDORE



827G

Rack and Lever Wrenches With Interchangeable Plastic Jaws ► P. 213



847GT

Deep Ring Spanners
► P. 218



909GSL

Nut Drivers With Handles
► P. 248

GEDORE



913GS

Allen Head Screw Wrenches
► P. 258



941RTA

Sockets, 1/4" Drive DIN 3120-ISO 1174 With 5-Pointed With Hole
► Pag. 275



941RTB

Set Of Sockets, 1/4" Drive DIN 3120-ISO 1174 With 5-Pointed With Hole
► Pag. 275



952T

Insert Wrenches 3/8" Coupling DIN 3120-ISO 1174
► P. 286

carolus
by GEDORE



981GE

Reducers And Converters
► Pag. 314

GEDORE



998G 30

Tool Trolleys
► Pag. 358



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 **818G**
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 **985E**



Tool sets - Panels
Cabinets and benches
Batteries tools
Tool trolleys
Modules for tool trolleys

From **985G 3**
To **1000G 40**



Pipe wren
Pipe cutters
Pipe reamers

From **1002**
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 ± 2%.

Weight 1 Kg.

Effective load capacity	cNm	0-10
Effective load capacity	ozf.in	0-14
Scale division		0,5 cNm/1 ozf.in
Drive	inch	1/4

793G 10	Each	1.100,00
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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 ± 2%.

Weight 3,2 Kg.

Art.....		793G 35	793GA	793GB
Effective load capacity	Nm	7-35 (cNm)	26-130 (cNm)	0,8-4
Effective load 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.....		793GC	793GD
Effective load capacity	Nm	2,4-12	5-25
Effective load 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.

When stocks will be run out, will be shipped the same item marked Gedore.

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: ± 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.....		793GF	793GH	793GL
Effective load 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		1.650,00	1.520,00	1.320,00

Art.....		793GM	793GP
Effective load 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		2.130,00	3.210,00



Sicutool Calibration Services Torque Calibration

SICUTOOL AND PRORE



Through Prore s.r.l., Sicutool offers torque calibration services for all brand of torque tools:

- Torque wrenches
- Torque screwdrivers
- Direct reading torque screwdrivers
- Torque meter benches.

The Certificate guarantees reference to national reference samples, with the measurement uncertainties indicated in the accreditation table.

PRORE AND THE ACCREDIA LAT CENTRE NO. 0145

Prore s.r.l. is the Calibration Centre accredited by ACCREDIA LAT N. 0145.



LAT N° 0145
PER LA GRANDEZZA MOMENTO TORCENTE

Prore's business is regulated by a Quality Manager and the technical and management procedures comply with UNI CEI EN ISO/IEC 17025 standards. For more information, visit www.prore.it



SICUTOOL



Calibration and repair of torque meter tools

The torque meter tools (torque wrenches and screwdrivers and calibration devices) are supplied with the **calibration report** issued by the manufacturer GEDORE.

Main requirements outlined by norm UNI EN ISO 6789

- **5.1.3** The **measurement range** specified is **between 20% and 100%** of the maximum value of the torque of the respective equipment. The tightening capacity of the wrenches with a gauge on the Sicutool catalogue complies with this specification.
- **5.1.5** The **permitted gap** for each calibration point must be $\pm 4\%$ for equipment with a maximum torque value >10 Nm or $\pm 6\%$ for equipment with a maximum torque ≤ 10 Nm.

- **5.3.2** The **re-calibration interval**, as for every test device, must be determined by the user based on the type of use of the equipment. Alternatively, a period may be implemented of **12 months or approx. 5000 cycles** as the value assigned. **For first re-calibration, the period of validity starts with the first use of the equipment by the user.**
- **6.4** The **calibration sequence** includes **5 measurements** at **20%** (or the lowest torque value indicated on the scale) then at **60%** and lastly **100%** of the maximum torque value.

For **calibration devices** (torque meter benches), the calibration reports are issued by the manufacturer according to national legislation or guidelines (DKD-R 3-8 and BS 7882).

Reference to measurement samples is guaranteed and the metrological characteristics that enable use as primary samples for calibration of the torque equipment.

PERIODIC RE-CALIBRATION WITH ISSUING OF ACCREDIA CERTIFICATION

For all brands of torque meter tools up to a maximum twisting moment of 1000 Nm Sicutool offers via PRORE S.r.l. (Calibration Centre accredited LAT 145) a calibration service with release of LAT certification. The calibration intervals and relevant expanded uncertainties of measurement (expressed at a reliability level of 95%) are outlined in the accreditation table:

Measure	Calibration tool	Measuring range	Expanded uncertainty
Torque	Torque meter benches	from 0,2 Nm a 10 Nm from 2 Nm a 100 Nm from 20 Nm to 1000 Nm	0,5% 0,3% 0,2%
	Torque wrenches and torque screwdrivers	from 0,2 to 1000 Nm	1%
	Torque wrenches and direct reading torque screwdrivers	from 0,2 to 1000 Nm	1%



The certificate is issued on the tool as it is sent, without any repair or adjustment being made.

They can also calibrate new torque tools if they need LAT certification as an alternative to the calibration report supplied.

The pricelist and further documentation is available on the website www.prore.it.

REPAIR SERVICE

Torque equipment and torque meter benches sold by Sicutool can be sent for repairs, carried out by the manufacturer (GEDORE).

Repairs are carried out following acceptance of a quote or includes release of a calibration report that certifies correct operation of the tool.



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 mV/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 **4.750,00**

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
Effective load 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	2.550,00	2.580,00	2.600,00	2.930,00	4.440,00

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

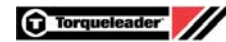


Orig.Torqueleader

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 $\pm 0.3\%$ on maximum force applied.

Size		2	5	20
Effective load capacity	Nm	0,2-2	0,5-5	2-20
Male/female hexagonal drive	inch	1/4	1/4	1/4
Max no. of revolutions / min continuous		5000	5000	5000
Max no. of revolutions / 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	7.100,00	7.100,00	7.100,00

When stocks will be run out, will be shipped the same item marked Gedore.



793GSB



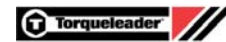
Orig.Torqueleader - Art. 036710 CAPTURE MANAGER

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 **763,00**

When stocks will be run out, will be shipped the same item marked Gedore.



793GSE



793GT **GEDORE**



WITH ONE TOOL
MANY POSITIONINGS



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: ± 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 feeder 12/240 V. Use temperature from + 10 C° to + 40 C°.

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
Effective load 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	5.200,00	5.200,00	5.200,00	5.200,00

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	24,20
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DIGITAL DYNAMOMETER DEVICES

794A



1/2"

Prod. SCU

Practical and light model which can be inserted in between the ratchet lever and its socket so that it can detect the level of tightening being carried out.

Body made from reinforced synthetic material, functional parts made from steel. Precision ± 2%.

Memory capacity for 50 relevant items, display resolution 0.1, selectable units: kg/cm - kg/m - lb/in - lb/ft - N/m.

Batter power mod. CR 2032 (Art. SCU 3600 T), battery not included. Sleep function. Peaking / tracking operating modes.

Female/ male square drive	inch	1/2
Tightening capacity	Nm	40-200
Dimensions	mm	75x44
Weight	grams	120
794A	Each	81,50

Product running out of stock

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	406,00

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 4-5-5.5-6.5 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
- Supplied in case.

794G 8 Each **772,00**

GEDORE

794G 8



1/4"

3

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.

DYNAMOMETRIC HANDLES WITHOUT BLADES

Tightening value	Nm	0,5	0,6	0,9	1,1	1,2	1,4	2
794G 8E	Each	60,10	60,10	60,10	60,10	60,10	60,10	63,50
Tightening value	Nm	2,5	3	3,8	4	4,5	5	
794G 8E	Each	63,50	63,50	63,50	66,80	66,80	66,80	

SCU

794G 8E



**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	8,16	8,16	8,16	8,16	8,16	8,16	8,16	8,16	8,16

SCU

794G 8F



**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.**

Product description as Art. 794G 8F

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	8,32	8,32	8,32	8,32	8,32	8,32	8,32	8,32	8,32

SCU

794G 8G



**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.**

Product description as Art. 794G 8F

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	8,02	8,02	8,02	8,02	8,02

SCU

794G 8H



In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.

Product description as Art. 794G 8F

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	8,02	8,02	8,02	8,02	8,02

SCU

794G 8L



In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.

794G 8M



Product description as Art. 794G 8F
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	8,02	8,02	8,02

In the selection of dynamometric handgrips you need to choose a torque equal to or less than the one max. of the blades.

794G 8P

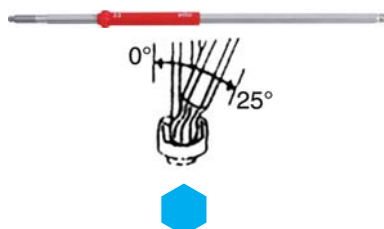


Product description as Art. 794G 8F
With HEXAGONAL tip. Colour code: RED.

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	8,02	8,02	8,02	8,02	8,02	8,02

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



Product description as Art. 794G 8F
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	8,16	8,16	8,16	8,16	8,16

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



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 8F

Overall length	mm	162
794G 8T	Each	23,00

794G 8V



Made with CHROME-VANADIUM-MOLYBDENUM steel, hardened, matt chrome.
1/4" male square drive.

SOCKET-HOLDER FOR DYNAMOMETRIC HANDLES 794 G 8E - 794 G 8F

Overall length	mm	155
794G 8V	Each	12,90

TORQUE SCREWDRIVERS

794G 9F

new



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	0,8-2	1-5	2-8
794G 9F	Each	232,00	171,00	190,00	195,00	210,00

In the choice of the blades must comply with the maximum torque of the blades.

TORQUE SCREWDRIVER SETS

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 assortment.

794G 9VD Each **222,00**

Product running out of stock

GEDORE 1/4" **794G 9VD**



3

Orig. Gedore - Art. 2140-5,4-025

The set contains:

- No.1 x torque handle Art. 794G 9H 5.4 1/4 drive
 - 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 Art. 794G 9T
 - No.1 x socket-holder Art. 794G 9V
 - 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 assortment.

794G 9VF Each **216,00**

Product running out of stock

GEDORE 1/4" **794G 9VF**



Sicutool Calibration Services Torque Calibration

SICUTOOL AND PRORE



Through Prore s.r.l., Sicutool offers torque calibration services for all brand of torque tools:

- Torque wrenches
- Torque screwdrivers
- Direct reading torque screwdrivers
- Torque meter benches.

PRORE AND THE ACCREDIA LAT CENTRE NO. 0145

Prore s.r.l. is the Calibration Centre accredited by ACCREDIA LAT N. 0145.



Prore's business is regulated by a Quality Manager and the technical and management procedures comply with UNI CEI EN ISO/IEC 17025 standards.

TORQUE SCREWDRIVERS
794G 9VH SCU

new


Prod. SCU - Orig. Wiha

Type particularly suitable for the controlled tightening of high torques. {CR} 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 9VH-M-P, with bit-holders Art. 794 G 9VR and tap holder Art. 794G 9VT. {CR} Handle length 120 mm. For right-handed use. {CR} Supplied with the calibration certificate according to DIN ISO 6789 standards, with tolerance $\pm 6\%$ for each value of the scale.

Clamping capacity Nm 5-14.

794G 9VH Each **310,00**
In the choice of the blades must comply with the maximum torque of the blades.
794G 9VL SCU

new



Type made of CHROME-MOLYBDENUM-VANADIUM steel, hardened, matt chrome. Chrom Top® tip for precision sealing. Blade length 130 mm.

LAME PER IMPUGNATURA DINAMOMETRICA 794 G 9VH

Type with TORX tip. Color code: DARK GREEN.

TORX Gr.	T	15	20	25	27	30	40
Per screw	M.	3,5-4	4-5	5-6	-	6	8
Torque max	Nm	5,5	10	15	15	15	15
794G 9VL	Each	12,10	12,10	12,10	12,10	12,10	12,10

In the selection of torque handles must choose a torque equal to or lower than the max. torque of the blades.
794G 9VM SCU

new



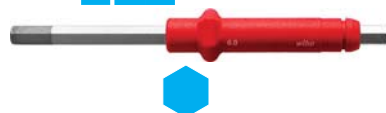
Product description as Art. 794G 9VL

Type with TORX-PLUS® tip. Colour code: GREEN LIGHT.

TORX-PLUS Gr.	T	15	20	25	27	30	40
Per screw	M.	3,5-4	4-5	5-6	-	6	8
Torque max	Nm	6,6	13	15	15	15	15
794G 9VM	Each	12,40	12,40	12,40	12,40	12,40	12,40

In the selection of torque handles must choose a torque equal to or lower than the max. torque of the blades.
794G 9VP SCU

new



Product description as Art. 794G 9VL

Type with HEX tip. Colour code: RED.

Exagon	mm	3	4	5	6
Torque max	Nm	5,5	15	15	15
794G 9VP	Each	11,90	11,90	11,90	11,90

In the selection of torque handles must choose a torque equal to or lower than the max. torque of the blades.
794G 9VR SCU

new



Type made of CHROME-MOLYBDENUM-VANADIUM steel, hardened, matt chrome. With chuck for quick change of the bits. {CR} 1/4 " hexagonal female joint.

BIT-HOLDER FOR DYNAMOMETRIC HANDLES 794 G 9VH

Overall length	mm	125
794G 9VR	Each	35,90

794G 9VT SCU

new



Type made of CHROME-MOLYBDENUM-VANADIUM steel, hardened, matt chrome. Square male joint for sockets.

SOCKET-HOLDER FOR DYNAMOMETRIC HANDLES 794 G 9VH

Square drive	poll	1/4	3/8
Overall length	mm	125	125
794G 9VT	Each	20,50	20,50

TORQUE SCREWDRIVERS WITHOUT SIZES SCALE

Orig. Torqueleader

SLIDING MODEL WITHOUT SCALE for providing highly accurate repeat operations. This completely eradicates the possibility of exceeding any preset values. Handle can be tightened using the vacuum wheel provided. These screwdrivers must be pre-calibrated directly at their position of use, by using calibration devices as per Art. 793 G 10 to 793 GD and which have been locked to the requested setting which is included as part of the screwdriver clamping range as specified below.

Tolerance: ± 10% for each value of the scale.

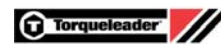
Supplied WITHOUT certificate.

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.....		PRIME 150 FH	PRIME 450 FH
Each		84,40	84,40

When stocks will be run out, will be shipped the same item marked Gedore.



794G 9Z 3
794G 9Z 4



1/4"



Orig. Torqueleader

Product description as Art. 794G 9Z 3

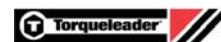
Tolerance: ± 6% for each value of the scale. Supplied with the certificate to DIN ISO 6789.

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.....		PRO 25 FH	PRO 150 FH
Each		138,00	138,00

When stocks will be run out, will be shipped the same item marked Gedore.



794G 9Z 5
794G 9Z 7



1/4"

Product description as Art. 794G 9Z 3

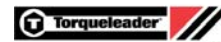
New ergonomic two-component non-slip handle. 1/4 female hex drive for bits.

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.....		PRO 450 FH	PRO 1350 FH
Each		143,00	143,00

Available on request: "PRO" screwdrivers for right-handed use and unscrewing only for left handed-use; also other versions "PRO ESD".

When stocks will be run out, will be shipped the same item marked Gedore.



794G 9Z 11
794G 9Z 15



1/4"

Product description as Art. 794G 9Z 3

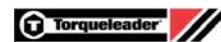
Aluminium handle. 1/4 female hex drive for bits.

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		225,00	306,00

When stocks will be run out, will be shipped the same item marked Gedore.



794G 9ZA
794G 9ZB



1/4"

Product description as Art. 794G 9Z 3

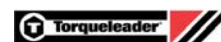
Aluminium handle. 1/4 female hex drive for bits.

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		184,00	266,00

When stocks will be run out, will be shipped the same item marked Gedore.



794G 9ZE
794G 9ZF



1/4"

794G 9ZG **794G 9ZH**



1/4"

Product description as Art. 794G 9Z 3
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.

Art.....		794G 9ZG	794G 9ZH
Tightening capacity	cNm	2-135	2-135
Overall length	mm	143	143
Supplier code		Minor SD	Minor SD O/W
Each		138,00	200,00

Product running out of stock

794G 9ZL **794G 9ZM**



1/4"

Product description as Art. 794G 9Z 3
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		193,00	280,00

When stocks will be run out, will be shipped the same item marked Gedore.

794G 9ZP



1/4"

Product description as Art. 794G 9Z 3
Aluminium handle. 1/4 male square drive for sockets.
Art. 794 G 9ZO: for right-hand and left-hand use.
Art. 794 G 9ZP: for right-hand use and left-hand unscrewing only.

Tightening capacity	cNm	6-406
Overall length	mm	159
Supplier code		Standard SD W/O
794G 9ZP	Each	207,00

Product running out of stock

794G 9ZR **794G 9ZS**



1/4"

Product description as Art. 794G 9Z 3
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		238,00	343,00

When stocks will be run out, will be shipped the same item marked Gedore.

TORQUE SCREWDRIVERS

794G 10



1/4"

1/4"

Orig. Gedore - Art. QS Minor Metric FH
Slipping 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.
Female hex 1/4" drive for bits and 1/4" square male adapter for sockets.

Tightening capacity	cNm	20-120
Scale division		1 cNm
Overall length	mm	169
794G 10	Each	346,00

794G 11



1/4"

1/4"

Orig. Gedore - Art. QS 6 FH
Product description as Art. 794G 10
Female hex 1/4" drive for bits and 1/4" square male adapter for sockets.

Tightening capacity	Nm	1-6
Scale division		0,1 Nm
Overall length	mm	184
794G 11	Each	352,00

Orig. Gedore - Art. QS 9 FH

Product description as Art. 794G 10

Female hex 1/4" drive for bits and 1/4" square male adapter for sockets.

Tightening capacity	Nm	4-9
Scale division		0,1 Nm
Overall length	mm	184
794G 12	Each	352,00

GEDORE

794G 12



1/4"

1/4"

Orig. Torqueleader - Art. QS 9 SD

Product description as Art. 794G 10

1/4" male square drive for sockets.

Tightening capacity	Nm	4-9
Scale division		0,1 Nm
Overall length	mm	222
794G 12B	Each	327,00

Torqueleader

794G 12B



1/4"

**Art. 794 G 11 - 11E - 12 - 12B can use the sliding lever Art. 946 GR.
Product running out of stock**

Orig. Torqueleader - Art. QSN 40 FH

Sliding type.

Rubber-coated ergonomic handle.

Tightening adjustment on the handle front side through locking ring nut after setting of the desired torque value. ± 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.

Tightening capacity	cNm	8-40
Scale division		1 cNm
Overall length	mm	159
794G 12E	Each	420,00

Torqueleader

794G 12E



1/4"

1/4"

When stocks will be run out, will be shipped the same item marked Gedore.

Orig. Torqueleader - Art. QSN 40 SD

Product description as Art. 794G 12E

1/4" male square drive for sockets.

Tightening capacity	cNm	5-40
Scale division		1 cNm
Overall length	mm	159
794G 12F	Each	396,00

Torqueleader

794G 12F



1/4"

Product running out of stock

Orig. Torqueleader - Art. QSN 120 FH

Product description as Art. 794G 12E

1/4" female hex drive for bits.

Tightening capacity	cNm	20-120
Scale division		1 cNm
Overall length	mm	183
794G 12H	Each	380,00

Torqueleader

794G 12H



1/4"

1/4"

When stocks will be run out, will be shipped the same item marked Gedore.

Orig. Torqueleader - Art. QSN 120 SD

Product description as Art. 794G 12E

1/4" male square drive for sockets.

Tightening capacity	cNm	20-120
Scale division		1 cNm
Overall length	mm	183
794G 12L	Each	353,00

Torqueleader

794G 12L



1/4"

Product running out of stock

794G 12M **GEDORE**

1/4"

1/4"

Orig. Gedore - Art. QSN 600 FH

Product description as Art. 794G 12E

1/4" female hex drive for bits.

Tightening capacity	Nm	1-6
Scale division		0,1 Nm
Overall length	mm	196

794G 12M	Each	389,00
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794G 12R **GEDORE**

1/4"

1/4"

Orig. Gedore - Art. QSN 900 FH

Product description as Art. 794G 12E

1/4" female hex drive for bits.

Tightening capacity	Nm	4-9
Scale division		0,1 Nm
Overall length	mm	196

794G 12R	Each	389,00
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Art. 794 G 12M - 12R can use the sliding lever Art. 946 GR.

TORQUE SCREWDRIVERS - TIGHTENING-CONTROL794G 15 **Torqueleader**

1/4"

1/4"

Orig. Torqueleader - Art. TT 50 FH

Especially suited to quality control process, research and development and installations. Aluminium handle.

± 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.

Complete with 1/4 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	352,00
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When stocks will be run out, will be shipped the same item marked Gedore.

794G 15A **Torqueleader**

1/4"

Orig. Torqueleader - Art. TT 50 SD

Product description as Art. 794G 15

1/4" male square drive for sockets.

Tightening capacity	cNm	10-50
Tightening capacity	ozf.in.	14-70
Scale division		2 cNm/2 ozf.in.
Overall length	mm	178

794G 15A	Each	327,00
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Product running out of stock

794G 16 **Torqueleader**

1/4"

1/4"

Orig. Torqueleader - Art. TT 100 FH

Product description as Art. 794G 15

Complete with 1/4 socket 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	352,00
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When stocks will be run out, will be shipped the same item marked Gedore.

Orig. Torqueleader - Art. TT 100 SD

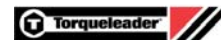
Product description as Art. 794G 15

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 hex drive for bits.

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	358,00
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794G 17



1/4"

1/4"

Orig. Torqueleader - Art. TT 250 SD

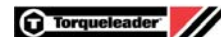
Product description as Art. 794G 15

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

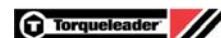
Product description as Art. 794G 15

1/4" female hex drive for bits.

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	358,00
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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

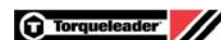
SLIDING MODEL WITHOUT SCALE. High precision tightening on pre-set torque value. Over-tightening is not possible. Serial assembling and long-term work. Automatic reset. Stainless steel heads, body in special aluminium alloy, ergonomic non-slip rubber handgrip. Integrated ratchet function. "TSP" and "TSN" 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.....		TSP 5	TSP 10
	Each	373,00	389,00



**794GA
794GB**



1/4"

Ad esaurimento scorte verranno spediti gli stessi articoli marcati Gedore.



794GC



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	475,00
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When stocks will be run out, will be shipped the same item marked Gedore.

**794GD
794GE**



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	475,00	608,00
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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



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	691,00
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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



Orig. Torqueleader

SLIDING 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	964,00	980,00	1.080,00	1.210,00	1.290,00
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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.

794GHA



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	Each	266,00
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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 Each **191,00**

When stocks will be run out, will be shipped the same item marked Gedore.



794GHB



Orig. Torqueleader - Art. D94406

Product description as Art. 794GHB

Coiled cable, total length in extension approx. 5 m.

794GHC Each **295,00**

When stocks will be run out, will be shipped the same item marked Gedore.



794GHC



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.

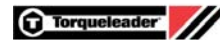
This system reduces the risk of failure to report the activation of the torque wrench.

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 battery power insufficient, 1 RED LED when no signal is transmitted, 1 GREEN LED when the signal is transmitted.

794GHE Each **579,00**

When stocks will be run out, will be shipped the same item marked Gedore.



794GHE



PRECISION TORQUE WRENCHES

Orig. Torqueleader

Sliding model, 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.

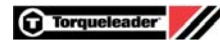
Right operation.

Supplied with test certificate as per DIN ISO 6789.

± 6% tolerance of the scale set torque.

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	432,00	443,00

When stocks will be run out, will be shipped the same item marked Gedore.



**794GM
794GP**



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 and left D-S
Package in case		Plastic	Plastic box	Plastic
Supplier code.....		8554-01	8554-02	8559-01
	Each	472,00	539,00	491,00



**794GR
794GS
794GT**





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 and left D-S
Package in case		Plastic	Metal box	Plastic
Supplier code		8560-01	8560-02	8565-01
Each		549,00	642,00	559,00

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 and left D-S
Package in case		Plastic	Metal box	Plastic
Supplier code		8561-01	8561-02	8566-01
Each		609,00	720,00	630,00

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 and left D-S
Package in case		Plastic	Metal box	Plastic
Supplier code		8573-00	8573-02	8578-00
Each		668,00	799,00	688,00

795G 13
795G 14
795G 15



1/2"

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	60-300	60-300
Tightening capacity	lbf.ft	45-220	45-220	45-220
Scale division		5 Nm/5lbf.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 and left D-S
Package in case		Plastic	Metal box	Plastic
Supplier code		8562-10	8562-20	8567-10
Each		765,00	895,00	788,00

795G 21
795G 22
795G 23



3/4"

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 and left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code		8570-10	8570-20	8575-10
Each		1.040,00	1.240,00	1.060,00

795G 24
795G 24A
795G 24B



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 and left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code		8574-10	8574-20	8579-10
Each		1.370,00	1.580,00	1.400,00

Prices in EURO - VAT not included

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 and left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code.....		8563-10	8563-20	8568-10
Each		1.450,00	1.660,00	1.480,00

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 extension 1400	Only wrench 800- With extension 1400	Only wrench 800-With extension 1400
Weight	Kg	5,0	8,8	5,0
Frame		Simple right D	Simple right D	Double right and left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code.....		8563-01	8563-02	8568-01
Each		1.580,00	1.790,00	1.610,00

795G 29
795G 30
795G 31


3/4"

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 extension 1400	Only wrench 800- With extension 1400	Only wrench 800-With extension 1400
Weight	Kg	5,6	10	5,6
Frame		Simple right D	Simple right D	Double right and left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code.....		8571-01	8571-02	8576-01
Each		1.570,00	2.000,00	1.800,00

795G 33
795G 34
795G 35


3/4"

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 extension 1600	Only wrench 920-With 1 extension 1600	Only wrench 920-With 1 extension 1600
Weight	Kg	10,8	24,3	10,8
Frame		Simple right D	Simple right D	Double right and left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code.....		8581-01	8581-02	8586-01
Each		2.360,00	2.850,00	2.430,00

795G 36A
795G 36E
795G 36L


1"

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 extensions 2000	Only wrench 900-With 2 extensions 2000	Only wrench 900-With 2 extensions 2000
Weight	Kg	11,6	24,3	11,6
Frame		Simple right D	Simple right D	Double right and left D-S
Package in case		Cardboard	Metal box	Cardboard
Supplier code.....		8564-01	8564-02	8569-01
Each		3.050,00	3.540,00	3.130,00

795G 37
795G 38
795G 39


1"

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 extensions 2350	Only wrench 1030-With 2 extensions 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		3.490,00	3.980,00

795G 40
795G 41


1.1/2"

ASSORTED SET OF TOOLS WITH TORQUE WRENCH
796G 1 
796G 3


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 are available 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	812,00
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Orig. Gedore - Art. 8559-03

Product description as Art. 796G 1

The set consists of:

- 1 x 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	823,00
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796GA 
796GB


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	910,00
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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	920,00
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796GC 
796GD


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	1.040,00
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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	1.060,00
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796GE 
796GF


Orig. Gedore - Art. 8562-03

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	1.230,00
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Orig. Gedore - Art. 8567-03

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	1.260,00
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796GH 
796GL


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	1.690,00
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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	1.710,00
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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	2.180,00

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	2.210,00

GEDORE

**796GM
796GN**



3/4"

3

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	2.510,00

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	2.540,00

GEDORE

**796GP
796GQ**



3/4"

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	4.980,00

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	5.060,00

GEDORE

**796GR
796GS**



1"

TORQUE WRENCHES FOR ANGLE CONTROLLED TIGHTENING

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.

Standard equipment:

- 1 torque wrench for angle controlled tightening
- 1 x ratchet head 1/2 for clockwise tightening
- 1 x 125mm extension
- 1 x 250mm extension

Supplied 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

GEDORE

**798GD
798GE**



1/2"

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	182,00

GEDORE

798GH 2



1/2"



798GH 3 GEDORE



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	296,00



798GH 5 GEDORE



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	434,00

Torque wrench max. clamping strength includes angular values.



DIRECT READING TORQUE WRENCHES

798GP 1 Torqueleader
798GP 1A
798GP 2



Orig. Torqueleader

Model with dial to check tightening. ± 4% tolerance of the scale set torque. Special light alloy body with rubber ergonomic handle. 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 in accordance with DIN ISO 6789.

With integrated ratchet. Supplied in synthetic material case

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	531,00	531,00	531,00

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 3 Torqueleader
798GP 4



Product description as Art. 798GP 1

With integrated ratchet. Supplied in synthetic material case

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	531,00	531,00

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 Torqueleader
798GP 5A
798GP 6



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	807,00	807,00	807,00

When stocks will be run out, will be shipped the same item marked Gedore.

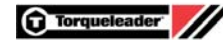
Available on request: same wrenches with audiovideo signal when the pre-set value is reached.

Product description as Art. 798GP 1

Integrated ratchet function. Provided with acoustic-visual signal on reaching of the preset torque value.

Supplied in cardboard packaging.

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		1.330,00	1.670,00



798GP 7
798GP 8



3/4"

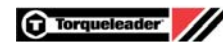
When stocks will be run out, will be shipped the same item marked Gedore.

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		3.700,00	3.700,00



798GP 9
798GP 10



1"

When stocks will be run out, will be shipped the same item marked Gedore.

PRECISION TORQUE WRENCHES

Prod. SCU

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.

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	1.350,00



798GR 1
798GR 2
798GR 3
798GR 4



3/4"

Art. 798GR4 is provided with an adjusting double hexagon and shackle.

Orig. Torqueleader

Dividing model 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

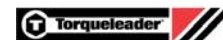
movement. Automatic reset function. Micrometer Nm scale providing a clear view of the values.

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.

Art.		799G	799G	799G
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
Each		555,00	555,00	555,00



799G



1/4"

3/8"

1/2"

When stocks will be run out, will be shipped the same item marked Gedore.

800GA **carolus**
by GEDORE



1/4" 3/8" 1/2"

Orig. Carolus

Release type model.

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	70	100	200	300
Square drive	inch	1/4	3/8	1/2	1/2	1/2
Tightening capacity	Nm	5-25	14-70	20-100	40-200	60-300
Tightening capacity	lbf.ft	3,7-18	10-52	15-75	30-150	45-220
Scale division		0,1 Nm	0,20 Nm	0,5 Nm	1 Nm	1 Nm
Overall length	mm	285	350	395	485	575
Supplier code		4900.025	6900.070	5900.100	5900.200	5900.300
800GA	Each	206,00	210,00	210,00	210,00	219,00

800GB **carolus**
by GEDORE



3/4"

Release type model.

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.

Size		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	8900.550
800GB	Each	363,00	568,00

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	12,80	11,10	11,10	11,60

801GR **GEDORE**
801GS



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		261,00	279,00

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	287,00

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		269,00	289,00	331,00



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.....		4550-40	4550-55	4550-75
Each		547,00	865,00	981,00



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/E
Square drive	inch	1/4	3/8	3/8	1/2
Overall length	mm	33	37	46	50
Supplier code.....		4549-87 S	4549-88 S	4550-86 S	4550-85 S
O802GH	Each	11,60	10,50	11,80	9,70

Per raccordo quadro di ricambio da 3/4 ved. Art. O800GC 3/4 (senza disco).

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		211,00	227,00	289,00



Orig. Gedore - Dremaster K

Release type model.

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: ± 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.

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	297,00	321,00	368,00



803B **GEDORE**


3/4"

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	608,00	961,00	1.100,00	1.200,00

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	23,40
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Spare square connectors for wrenches Art. 803 B 400 - 550 - 750 - 850 see Art. 974 RD.

803E **GEDORE**


1/2"

Orig. Gedore - Dremaster UK

Release type model.

Suitable for precision installations. Sturdy construction, easy to handle with ratchet movement towards the right (is only able to move to the left by 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.

Equipped with items certified as per DIN ISO 6789:2003.

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	410,00	428,00	468,00

PRECISION TORQUE WRENCHES WITHOUT SIZES SCALE
803G **GEDORE**


9x12 14x18

Orig. Gedore

Model without scale. High precision tightening on pre-set torque value. $\pm 3\%$ 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.

Torque wrenches Art. 803 G and 803 GP can be fixed set at the factory on the desired value (price on request).

Size		25	50	85	200
Inserts drive	mm	9x12	9x12	9x12	14x18
Tightening capacity	Nm	2-25	5-50	15-85	20-200
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	177,00	182,00	195,00	258,00

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).

Orig. Torqueleader

Model 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 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		294,00	306,00



803GA
803GB



9x12



3

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.

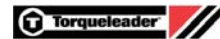
Model without scale. High precision tightening on pre-set torque value. Long-lasting serial tightening. Automatic reset. Automatic disconnection through angled movement at 20° of the rod. "TBN" torque wrenches must be preset directly on the place of use by means of suitable torque testers Art. 793 GD (only for Art. 803 GC), 793 GL-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		332,00	385,00	429,00	568,00



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.

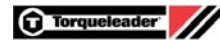
When using with calibrating devices Art. 793 GL, use inserts Art. 806 GD 3/8 - 1/2 or Art. 806 GE 3/8 - 1/2.

Model 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 GL-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		319,00	370,00	412,00	540,00



803GL
803GM
803GP
803GPE



16

When stocks will be run out, will be shipped the same item marked Gedore.

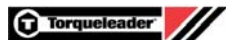
When using with calibrating device Art. 793 GD, use inserts Art. 809 GR 3/8.

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



803GR
803GT



9x12

SLIDING MODEL 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-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

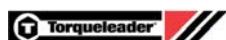
In case of use with torque tester Art. 793 GC-D, connections Art. 806 GD 1/4 - 3/8 or Art. 806 GE 1/4 - 3/8 are necessary.

In case of use with torque tester Art. 793 GL, connections Art. 806 GD 3/8 - 1/2 or Art. 806 GE 3/8 - 1/2 are necessary.

In case of use with torque tester Art. 793 GT, connections Art. 806 GD 1/2" or Art. 806 GE 1/2" are necessary.

Product running out of stock

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

In case of use with torque tester Art. 793 GC-D, connections Art. 809 GR are necessary.

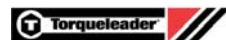
In case of use with torque tester Art. 793 GL, connections Art. 809 GL-R-S are necessary.

In case of use with torque tester Art. 793 GT, connections Art. 809 G are necessary.

Product running out of stock

PRECISION TORQUE WRENCHES WITHOUT SIZES SCALE, WITH SIGNAL OUTPUT SYSTEM

804GA



9x12

Orig. Torqueleader

SWITCH 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-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		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
	Each	884,00	897,00	923,00	976,00	1.040,00

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 for an additional charge.

TORQUE WRENCHES WITH FEMALE DRIVE

Orig. Torqueleader

Dividing model 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.
 Equipped with items certified as per DIN ISO 6789.
 Type with frontal connection of inserts.



**804GH
804GL**



9x12

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	380,00	380,00

When stocks will be run out, will be shipped the same item marked Gedore.

Orig. Carolus

Release type model.
 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.



804GP



9x12

Size		50	150
Inserts drive	mm	9x12	9x12
Tightening capacity	Nm	10-50	30-150
Tightening capacity	lbf.ft	8-37	20-110
Scale division		0,25 Nm	1 Nm
Overall length	mm	324	460,5
Supplier code.....		6912.050	5912.150
	804GP	Each 187,00	199,00

Product running out of stock

Product description as Art. 804GP

Type with frontal connection of inserts.



804GR



14x18

Size		200	300
Inserts drive	mm	14x18	14x18
Tightening capacity	Nm	40-200	60-300
Tightening capacity	lbf.ft	30-150	45-220
Scale division		1 Nm	1 Nm
Overall length	mm	470,5	561,5
Supplier code.....		5918.200	5918.300
	804GR	Each 199,00	277,00

Product running out of stock

Orig. Gedore

Click type. Handy construction. ± 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.



**804GS
804GT
805GA
805GB**



9x12

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	202,00	212,00	223,00	249,00

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		255,00	291,00	433,00

805GF 
**9x12**

Orig. Gedore - Dremaster SE

Release type model.

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, 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.

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	246,00	276,00

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	282,00	324,00	480,00

805GL 
805GP
**9x12**

Orig. Gedore

Click type. Light alloy body. Inside components in alloyed steel. $\pm 3\%$ 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.

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		594,00	655,00

805GR 
**14x18**

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	822,00

BITS WITH 9X12 MM MALE COUPLING

Orig. Carolus - Art. 7709

Made from special steel.
For all torque wrenches with female 9x12mm connector.
Fixed open wrench inserts.

Opening	mm	7	8	9	11	12	13	14
805GT	Each	29,50	29,50	29,50	29,50	29,50	29,50	29,50

Opening	mm	15	16	17	18	19
805GT	Each	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	22
805GV	Each	29,50	29,50	29,50	29,50	32,60	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	10	11	13	17	19	22
805GZ	Each	34,10	34,10	34,10	34,10	34,10	34,10

Product running out of stock

carolus
by GEDORE

9x12 805GZ



Orig. Gedore

Made from 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	54,30	54,30	54,30	54,30	54,30	54,30	54,30

Opening	mm	14	15	16	17	18	19
806GA	Each	54,30	54,30	54,30	54,30	54,30	54,30

GEDORE

9x12 806GA



Product description as Art. 806GA

Bihexagonal ring end fitting.

Opening	mm	7	8	10	11	12	13	14
806GB	Each	57,40	57,40	57,40	57,40	57,40	57,40	57,40

Opening	mm	15	16	17	18	19	21	22
806GB	Each	57,40	57,40	57,40	57,40	57,40	57,40	57,40

GEDORE

9x12 806GB



Product description as Art. 806GA

Bihexagonal open end fitting.

Opening	mm	10	11	12	13	14	17	18
806GC	Each	60,30	60,30	60,30	60,30	60,30	60,30	60,70

Opening	mm	19	22
806GC	Each	60,30	60,30

GEDORE

9x12 806GC



Product description as Art. 806GA

TORX end fitting.

TORX size	E	6	8	10	12
Seal	mm	5,74	7,52	9,42	11,17

806GCT	Each	59,30	53,90	53,90	53,90
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GEDORE

9x12 806GCT



Product description as Art. 806GA

Ratchet mechanism, right/left dial.

Square drive	inch	1/4	3/8	1/2
806GD	Each	126,00	131,00	137,00

GEDORE

9x12 806GD



806GDT **carolus** **9x12**
by GEDORE



Orig. Carolus - Art. 7712
Made from 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
Made from 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	55,40	55,40	55,40

806GET **carolus** **9x12**
by GEDORE



Orig. Carolus - Art. 7713
Made from 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
Made from 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	59,10	57,10

806GFS **GEDORE** **9x12**



For all torque wrenches with female 9x12mm connector.
Insert for special working. Used to weld customized tightening devices to solve installation problems.

806GFS	Each	44,40
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806GFT **SCU** **9x12**



Prod. SCU
Made from 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	63,50
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14x18

BITS WITH 14X18 MM MALE COUPLING

806GFV **carolus** **14x18**
by GEDORE



Orig. Carolus - Art. 7714
Made from special steel.
For all torque wrenches with female 14x18mm connector.
Fixed open wrench inserts.

Opening	mm	13	15	16	17	18	21
806GFV	Each	34,10	34,10	34,70	34,10	34,10	38,80
Opening	mm	22	24	27	32	34	41
806GFV	Each	38,80	38,80	45,70	50,50	50,50	58,20

Product running out of stock

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	27	30	32	36	41		
806GFZ	Each	44,30	46,20	48,10	51,90	54,10		

Product running out of stock

carolus 14x18 806GFZ
by GEDORE



Orig. Gedore

Made from CHROME-VANADIUM steel.

For all torque wrenches with female 14x18mm connector.

Open end fitting.

Opening	mm	13	14	15	16	17	18	19	21	22
806GH	Each	61,90	61,90	61,90	61,90	61,90	61,90	61,90	74,10	74,10
Opening	mm	24	27	29	30	32	34	36	41	
806GH	Each	74,10	74,40	84,30	84,30	83,80	90,60	95,20	94,80	

GEDORE 14x18 806GH



Product description as Art. 806GH

Bi-hexagonal ring end fitting.

Opening	mm	13	14	15	16	17	18	19	21
806GL	Each	63,40	63,40	63,40	63,40	63,40	63,40	63,40	76,40
Opening	mm	22	24	27	30	32	34	36	41
806GL	Each	76,40	76,10	76,40	85,40	85,40	93,60	93,60	93,60

GEDORE 14x18 806GL



Product description as Art. 806GH

Internal TORX end fitting

TORX size	E	14	18	20	24
Seal	mm	12,90	16,70	18,45	22,16
806GLT	Each	71,10	71,10	71,10	80,00

Product running out of stock

GEDORE 14x18 806GLT



Product description as Art. 806GH

Ratchet mechanism, right/left dial.

Square drive	inch	1/2	3/4
806GM	Each	137,00	199,00

GEDORE 14x18 806GM



Orig. Carolus - Art. 7716

Made from 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

carolus 14x18 806GN
by GEDORE



Orig. Gedore

Made from 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	59,30	98,90

GEDORE 14x18 806GP



Product description as Art. 806GP

Bit-holder insert.

5/16" drive.

806GS	Each	120,00
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GEDORE 14x18 806GS



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 **52,70**

806GZ **SCU** **14x18**


Prod. SCU

Made from 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 **57,40**

9x12
ASSORTED SET OF TOOLS WITH TORQUE WRENCH
807A **GEDORE** **9x12**
807B


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**

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**

Product running out of stock

807E **GEDORE** **9x12**


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 **936,00**

807G **GEDORE** **14x18**


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 **1.100,00**

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. Type with straight coupling with male pin.

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		183,00	193,00	211,00	242,00	280,00	385,00

GEDORE

16

808GL
808GP
808GR
808GS
808GT
808GV



3

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
808GZ 1	Each	658,00	768,00	1.110,00

GEDORE

22

808GZ 1
new
808GZ 2
new
808GZ 3
new



Orig. Gedore - Dremaster Z

Release type model.

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	234,00	269,00	309,00	428,00

GEDORE

16

808H



Wrenches Art. 808 H with inserts and ratchets can be supplied on request in a metal case.

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	733,00	853,00	1.240,00

GEDORE

22

808M



809GA **GEDORE** **16**
809GB
809GC



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.

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		548,00	609,00	764,00

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	1.450,00
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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	2.060,00
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Art. 809 GE: supplied with bar. Wrench overall length: 1330mm.

BITS WITH 16 MM DIAMETER FEMALE COUPLING

809GF **GEDORE** **16**



Orig. Gedore

Made from 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	52,20	52,20	52,30	52,20	52,20	52,20	52,20
Opening	mm	14	15	16	17	18	19	20
809GF	Each	52,20	52,20	52,20	52,20	52,20	52,20	52,20
Opening	mm	21	22	23	24	25	26	27
809GF	Each	55,70	55,70	56,10	55,70	56,10	60,70	60,70
Opening	mm	28	29	30	32	36		
809GF	Each	60,70	60,70	60,70	60,70	60,70		

Inch sizes are available on request.

809GH **GEDORE** **16**



Product description as Art. 809GF

Bihexagonal ring end fitting.

Opening	mm	7	8	9	10	11	12	13
809GH	Each	54,70	54,40	54,40	54,30	54,40	54,40	54,30
Opening	mm	14	15	16	17	18	19	20
809GH	Each	54,30	54,30	54,30	54,30	54,30	54,30	54,70
Opening	mm	21	22	23	24	27		
809GH	Each	56,90	56,80	56,80	56,80	57,10		

Inch sizes are available on request.

809GHA **GEDORE** **16**



Product description as Art. 809GF

Bihexagonal open end fitting.

Opening	mm	7	8	9	10	11	12	13
809GHA	Each	64,40	64,40	64,40	63,60	64,40	64,40	65,10
Opening	mm	14	15	16	17	18	19	20
809GHA	Each	69,90	65,50	69,10	69,30	72,30	71,70	72,30
Opening	mm	21	22	24	27			
809GHA	Each	76,40	78,20	78,20	79,90			

Product description as Art. 809GF

Square drive insert.

Square drive	inch	3/8	1/2
809GL	Each	99,20	99,20

GEDORE 16 809GL



Product description as Art. 809GF

Hex male drive.

Opening	mm	3	4	5	6	8
809GM	Each	99,30	99,30	99,30	99,30	99,30

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

GEDORE 16 809GP



Product description as Art. 809GF

Ratchet mechanism, 3/8" square drive.

809GR	Each	123,00
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GEDORE 16 809GR



Product description as Art. 809GF

Ratchet mechanism, left/right dial, 1/2" square drive.

809GS	Each	126,00
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GEDORE 16 809GS



BITS WITH 22 MM DIAMETER FEMALE COUPLING

Orig. Gedore

Made from CHROME-VANADIUM steel.

For all torque wrenches with male Ø 22mm connector.

Open end fitting.

Opening	mm	22	24	27	30	32	34	36
809GT	Each	89,50	89,50	89,50	89,50	97,60	97,60	97,60

GEDORE 22 809GT



Opening	mm	41	46
809GT	Each	107,00	107,00

Product description as Art. 809GT

Bihexagonal ring end fitting

Opening	mm	22	24	27	30	32	34	36
809GV	Each	91,60	91,60	91,60	91,60	99,60	99,60	99,60

GEDORE 22 809GV



Opening	mm	41	46
809GV	Each	106,00	107,00

Product description as Art. 809GT

3/4" square drive.

809GZ	Each	126,00
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GEDORE 22 809GZ



809GZA **GEDORE** **22**



Product description as Art. 809GT
Ratchet mechanism, 3/4" square drive.
809GZA Each **233,00**

809GZE **GEDORE** **22**
new



Product description as Art. 809GT
Ratchet insert the right-left disc, square drive 3/4 ".
809GZE Each **233,00**

BITS WITH 28 MM DIAMETER FEMALE COUPLING

810GA **GEDORE** **28**



Orig. Gedore
Made from 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	962,00	962,00	962,00	962,00	985,00
Opening	mm	60	65	70				
810GA	Each	1.020,00	1.050,00	1.080,00				

Sizes mm 32 and 34 are 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	1.120,00	1.120,00	1.120,00	1.120,00
Opening	mm	55	60	65	70			
810GB	Each	1.180,00	1.180,00	1.210,00	1.210,00			

Sizes mm 27, 32 and 34 are running out of stock

810GE **GEDORE** **28**



Product description as Art. 810GA
Ratchet mechanism, 3/4" square drive.
810GE Each **1.170,00**

ELECTRONIC TORQUE WRENCHES, TORCO TRONIC

810GH **GEDORE** **CE**



9x12 14x18 **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 9x12mm (Art. 810 GH 120) or 14x18mm (Art. 810 GH 350) when the ratchet is removed. Big LC display. Easy to be operated through 3 keys.

High measuring accuracy: ± 1% ± 1 Digit.
Supplied with test certificate as per DIN ISO 6789.
Storage function, direct PC connection (RS serial interface).
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

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 per 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: ± 1% ± 1 digit / ± 1% ± 1° 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. Comes complete with a large memory, which is also able to measure modes and select 5 different clamping settings. Direct PC connection via USB cable, software available on disk.

Batteries available in AA format (as per Art. SCU 3600 E) or with NiMH batteries.

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	1.620,00	2.000,00

In order to make full use of the wrench functions it must be connected to a PC with operating system WINDOWS XP or above.

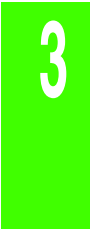
GEDORE



810GR



9x12 14x18 1/2"



SOCKET RATCHETS FOR TORQUE WRENCHES

Orig. Gedore

Sockets with built-in ratchet head to be used in combination with torque wrenches for controlled clockwise tightening. 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	110,00	115,00	148,00	217,00	563,00

Socket ratchets for counter clockwise torque wrenches on request.

GEDORE

811G



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	108,00	324,00

SCU

811GA
new



PRECISION TORQUE MULTIPLIER

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 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.

	Nm	1680	2700	3500	4500	6000	9500
Max tightening threshold							
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	16	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	1.230,00	1.400,00	2.790,00	3.950,00	6.870,00	12.880,00

Check the maximum load to choose the right torque multiplier.

SCU

811GT



812GL GEDORE


3/4" 1"

Orig. Gedore - Art. 8630-01 RS

Mechanical torque multiplier, compact housing to enable the user to screw hard-to-access connections.

Multiplication at the ratio 1:5 of the value set by the operator on the torque wrench. Kick-back protection. $\pm 4\%$ tolerance. For bi-directional tightening.

Int. panel for dynamometric key	inch	3/4
Ext. panel for bushes	inch	1
Multiplies force 1x		5
Drum \varnothing	mm	108
Overall height	mm	196
Max tightening threshold	Nm	2700
Weight	Kg	8

812GL Each **2.860,00**

Product running out of stock

813GE GEDORE


1/2" 1"

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: $\pm 4\%$. For right and left hand use.

Art. 813 GD-E-F-M-R5-S-T: with reaction plate.

Art. 813 GH-O: with reaction bar.

Int. panel for dynamometric key	inch	1/2
Ext. panel for bushes	inch	1
Multiplies force 1x		25
Drum \varnothing	mm	108
Overall height	mm	156
Max tightening threshold	Nm	1700
Weight	Kg	6,5

813GE Each **3.340,00**

Product running out of stock

813GM GEDORE


3/4" 1.1/2"

Orig. Gedore - Art. 8603-31

Product description as Art. 813GE

Int. panel for dynamometric key	inch	3/4
Ext. panel for bushes	inch	1.1/2
Multiplies force 1x		5
Drum \varnothing	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

813GR 5 GEDORE


3/4" 1.1/2"

Orig. Gedore - Art. 8604-44

Product description as Art. 813GE

Int. panel for dynamometric key	inch	3/4
Ext. panel for bushes	inch	1.1/2
Multiplies force 1x		5
Drum \varnothing	mm	144
Overall height	mm	165
Max tightening threshold	Nm	6000
Weight	Kg	13,6

813GR 5 Each **4.230,00**

Product running out of stock

813GS GEDORE


1/2" 1.1/2"

Orig. Gedore - Art. 8604-45 RS

Product description as Art. 813GE

Int. panel for dynamometric key	inch	1/2
Ext. panel for bushes	inch	1.1/2
Multiplies force 1x		25
Drum \varnothing	mm	144
Overall height	mm	226
Max tightening threshold	Nm	6000
Weight	Kg	16,5

813GS Each **5.260,00**

Product running out of stock

Orig. Gedore - Art. 8605-62 RS

Product description as Art. 813GE

Int. panel for dynamometric key	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**

Product running out of stock

813GT


3/4"

1.1/2"

3

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.. Include 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 dynamometric key	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 **2.000,00**
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 dynamometric key	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 **3.260,00**
814GE


3/4"

1"

Orig. Gedore - Art. DVV-40 ZRS

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 recoil and overload safety device. With forged CHROME-VANADIUM steel reaction bracket.

Max tightening threshold	Nm	4000
Int. panel for dynamometric key	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 **4.270,00**
814GL


1/2"

1"

814GP **GEDORE**


3/4"

1.1/2"

Orig. Gedore - Art. DVV-80 ZRS

Product description as Art. 814GL

Complete with recoil and overload safety device. With forged CHROME-VANADIUM steel reaction bracket.

Max tightening threshold	Nm	8000
Int. panel for dynamometric key	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	11.450,00
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ADJUSTABLE WRENCHES
818G **GEDORE**

Orig. Gedore - Art. 60P-62P

Made from 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	16,30	14,70	19,50	23,30	32,90	71,90	109,00	301,00
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The 100mm wrench is not original Gedore.

819G **GEDORE**

Orig. Gedore - Art. 60 S - C

Made from forged CHROME-VANADIUM steel.

Head angled at 15°, ISO 6787. With graded scale.

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	17,30	13,90	17,20	22,60	32,10
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The 100mm wrench is not original Gedore.

820GA **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	26,80
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820GE **GEDORE**

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	28,10
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821 **SCU**

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	6,90	13,10	19,20	26,10
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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	5,22	7,16	9,64	13,40	30,10	55,90



Orig. Peddinghaus - Art. 9048200001

With rounded jaws and mobile wheel for use with ratchet effect, for fast and accurate nut recovery. Made of special hardened steel, handle covered with rubber for a more secure grip. With scale.

Overall length	mm	200
Opening	mm	6 to 24
822GT	Each	37,10



COMBINATION ADJUSTABLE WRENCHES

Prod. SCU

Combined model. 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



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	47,70



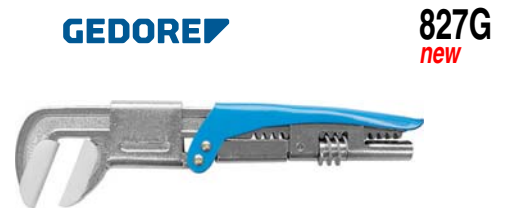
RACK AND LEVER WRENCHES

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	103,00

Pair of spare plastic jaws Art. 827 G.
O827G Per pair **3,44**



ADJUSTABLE HOOK SPANNERS

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 locking ring 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	22,90	24,30	31,20	45,70	76,40



With square pin. In special steel, hardened. For nuts DIN 1804 and DIN 981. Burnished finish.

For rings and locking ring 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	23,70	25,40	33,10	47,70	79,50



Product description as Art. 832G. Nickel polished finish.

For rings and locking ring 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	26,60	31,60	35,40	50,90	88,50



832GL

SCU



Industrial model, forged, with square nib section. In hardened steel. Locknuts as per DIN 1804. Chrome finish.

For rings and locking ring nuts	mm	15/35	35/50	50/80	80/120	120/180
Overall length	mm	170	215	290	345	480
832GL	Each	28,70	40,30	47,60	66,10	82,10

832GR

SCU

INOX



With square pin. In special steel, hardened. For nuts DIN 1804 and DIN 981. NIROSTA stainless steel finish.

For rings and locking ring 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	59,70	63,60	72,30	96,80	182,00

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 locking ring 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	28,60	28,60	30,50	37,30	56,40	91,10

833G

SCU



Industrial type with round pin. In special steel, hardened. For nuts DIN 1816. Burnished finish.

For rings and locking ring 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	29,70	31,90	38,70	58,80	95,40

833GF

SCU



Product description as Art. 833G. Nicket polished finish.

For rings and locking ring 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	33,30	34,90	42,70	61,70	104,00

833GL

SCU



Industrial model, forged, with rounded nib. In hardened steel. Locknuts as per DIN 1816. Chrome finish.

For rings and locking ring 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	33,60	42,70	55,30	81,40	89,50

ADJUSTABLE HOOK WRENCHES FOR DYNAMOMETRIC TIGHTENING

834G

SCU



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 locking ring nuts	mm	35/60	60/90
Nib Ø	mm	4	5,5
Overall length	mm	110	130
834G	Each	82,40	85,90

ADJUSTABLE HOOK SPANNERS

835G

SCU



Prod. SCU

Pin and toothed-rack type. In special steel, hardened. Burnished finish. For nuts DIN 1804.

For rings and locking ring nuts	mm	20/42	45/90	95/165
Nib thickness	mm	4	6	10
Overall length	mm	180	240	335
835G	Each	28,80	32,40	51,80

Available on request: the same spanners with square connection 1/2" - 3/4" for use with torque wrenches.

HOOK VARIABLE SPANNERS

839G

SCU



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 locking ring 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	26,10	26,20	34,90	34,90	34,90	55,80	55,80	119,00	119,00

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 locking ring 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	34,10	34,10	46,90	46,90	46,90	69,20	69,20	130,00	130,00

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	4,88	4,88	5,48	5,48	5,48	5,48	5,58	8,98	8,98

SCU

840G



3

HOOK SPANNERS

Prod. SCU

In special steel, hardened. For nuts DIN 6499 D (ER). Zinc finish.

For locking 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	12,40	13,70	14,10	17,70	22,10

SCU

840GE



HOOK SPANNERS FOR DYNAMOMETRIC CLAMPING

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 locking ring Ø	mm	32	42	50	63
Size	DIN	16	25	32	40
Overall length	mm	69	85	85	85
840GL	Each	69,80	71,50	83,10	93,70

SCU

1/2"

840GL



HOOK SPANNERS

Prod. SCU

In special steel.

Matt chromium plated.

Type with square pin. For nuts DIN 1804 and DIN 981.

For rings and locking ring 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	6,78	6,78	6,88	6,88	9,08	9,08	11,10
For rings and locking ring 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	11,10	13,20	13,20	16,90	16,90	16,90	25,20
For rings and locking ring 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	25,20	41,50	41,60	43,30	78,60	101,00	101,00

When stocks are depleted, we will provide size 12/14 e 16/20 with burnished instead of chromated execution.

SCU

840S



Product description as Art. 840S

Type with round pin. For nuts DIN 1816.

For rings and locking ring nuts	mm	12/14	16/20	25/28	30/32	34/36	40/42	45/50
Overall length	mm	110	110	136	136	170	170	205
840T	Each	8,64	8,64	8,04	8,04	10,60	10,60	12,60
For rings and locking ring nuts	mm	52/55	58/62	68/75	80/90	95/100	110/115	120/130
Overall length	mm	205	240	240	280	280	320	330
840T	Each	12,60	14,80	14,80	18,80	18,80	27,30	27,30
For rings and locking ring nuts	mm	135/145	155/165	180/195				
Overall length	mm	380	380	380				
840T	Each	44,50	45,10	46,70				

Sizes mm 12/14 e 16/20 are running out of stock

SCU

840T



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 locking ring 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	13,40	12,50	12,50	13,40	13,40	15,10	15,10
For rings and locking ring 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	17,80	17,80	22,30	23,20	32,70	32,70	46,70
For rings and locking ring nuts	mm	155/165	180/195	205/220				
Overall length	mm	385	465	465				
841G	Each	48,80	123,00	123,00				

GEDORE

841G



841GA **GEDORE**



Orig. Gedore - Art. 40Z

Product description as Art. 841G

Type with round pin. For nuts DIN 1816.

For rings and locking ring 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	15,10	15,10	15,10	15,10	17,10	16,90	18,60
For rings and locking ring 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	18,60	22,10	22,10	27,10	28,10	41,90	41,90
For rings and locking ring 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	53,10	53,10	131,00	131,00			

CALIPER FACE SPANNERS

842GA **GEDORE**

842GB
842GBB
842GC
842GD



Orig. Gedore

In forged, CHROME VANADIUM 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
Supplier code		44	44	44	44	44
842GA	Each	33,10	33,10	38,10	38,10	39,70

842GP

SCU



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	8	10	12
Overall length	mm	115	115	115	160	160	215	215	260	260	260
Min÷max opening	mm	7/40	7/40	7/40	11/60	11/60	14/100	14/100	22/125	22/125	22/125
842GP	Each	12,10	12,10	12,10	13,10	13,10	20,30	20,30	34,10	37,20	36,90

WRENCHES FOR METAL RINGS

842R

SCU



3/8" 1/2" 3/4"

Prod. SCU

In special steel, hardened. Burnished finish. Square joint. HAND USE.

For KM ring nuts, internal toothing.

Locking ring 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	Nr	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	59,10	63,90	70,70	74,70	80,60	85,50	88,40
Locking ring nuts Ø	mm	52	58	65	70			
Ø ring nuts thread	mm	35x1,5	40x1,5	45x1,5	50x1,5			
Teeth	Nr	4	4	4	4			
Square drive	inch	3/4	3/4	3/4	3/4			
842R	Each	98,30	105,00	111,00	115,00			

842S

SCU



3/8" 1/2" 3/4"

Product description as Art. 842R

For GU self-locking ring nuts, internal toothing

Locking ring 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	Nr	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	59,10	63,90	70,70	74,70	80,60	85,50	88,40
Locking ring nuts Ø	mm	50	56	62	68			
Ø ring nuts thread	mm	35x1,5	40x1,5	45x1,5	50x1,5			
Teeth	Nr	4	4	4	4			
Square drive	inch	3/4	3/4	3/4	3/4			
842S	Each	98,30	105,00	111,00	115,00			

842T

SCU



3/8" 1/2" 3/4"

Product description as Art. 842R

For KM ring nuts, external toothing.

Locking ring 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	Nr	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	35,40	36,40	37,40	39,30	43,20	44,20	45,20
Locking ring 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	Nr	4	4	4	4	4	4	
Square drive	inch	3/4	3/4	3/4	3/4	3/4	3/4	
842T	Each	46,20	48,20	52,10	57,10	73,90	86,50	

Product description as Art. 842R

For GU self-locking ring nuts, external toothing

Locking ring nuts Ø	mm	18	22	25	28	32	38	44	50	56	62	68
Ø ring nuts thread	mm	10x0,75	12x1	15x1	17x1	20x1	25x1,5	30x1,5	35x1,5	40x1,5	45x1,5	50x1,5
Teeth	Nr	4	4	4	4	4	4	4	4	4	4	4
Square drive	inch	3/8	3/8	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4	3/4
842V	Each	35,40	36,40	37,40	39,30	43,20	44,20	45,20	46,20	48,20	52,10	57,10



842V

PERCUSSION WRENCHES

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.



843G
843GP

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	23,00	23,10	28,20	33,10	35,50	37,80	43,80	47,50	57,50	61,70	71,40	79,20	85,20	112,00	123,00
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	480	480	520	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	134,00	190,00	231,00	278,00	313,00	352,00	441,00	476,00	517,00	1.150,00	1.470,00	1.600,00	1.680,00	1.070,00	1.180,00
Opening	mm	150	155	160	165	170	175*	185*	190*	195*	210*					
Overall length	mm	580	580	580	650	650	650	700	700	700	750					
Head thickness	mm	64	64	64	70	70	70	75	75	75	80					
Weight	Kg	18,000	18,000	18,000	25,000	25,000	32,000	32,000	32,000	32,000	40,000					
843G	Each	1.300,00	1.420,00	1.570,00	1.720,00	1.890,00	2.890,00	3.140,00	3.140,00	3.140,00	3.590,00					

Sizes 22 to 60 mm are supplied with UNIT DRIVE shaped opening.

When stocks are depleted, the size from 140 to 170 mm will become SCU instead of Gedore.

* Sizes 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	2.1/16	2.1/8
Overall length	mm	160	185	185	190	190	195	195	205	210	225	225	225	240	240	250	250	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	23,5	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	1,250	1,320
843GP	Each	30,60	30,20	34,40	34,40	37,40	37,50	39,80	40,60	40,60	59,50	59,50	70,10	70,10	70,10	83,10	83,60	113,00
Opening	inch	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	4	4.1/8	4.1/2	
Overall length	mm	270	270	270	270	290	290	320	325	345	360	390	400	420	420	420	450	
Head thickness	mm	25	25	26	26	29	29	32,5	34	35	36	40	41,5	45	45	45	48	
Weight	Kg	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	6,800	6,300	7,900	
843GP	Each	109,00	109,00	109,00	111,00	139,00	139,00	151,00	160,00	257,00	341,00	375,00	549,00	665,00	761,00	781,00	1.190,00	

Sizes 1 and 1.3/8 inch with UNIT DRIVE shaped opening.

When stocks are depleted, the size from 3.1/8 to 4.1/2 inches will become SCU instead of Gedore.

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.

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	29,60	32,10	40,80	47,70	54,10	64,70	71,60	76,80	87,20
Opening	mm	38	41	46	50	55	60	65	70	
Overall length	mm	220	225	240	250	270	270	300	320	
843GT	Each	92,40	99,30	114,00	125,00	146,00	171,00	204,00	245,00	



843GT
new

843GV
new

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	41,60	32,10	36,40	40,20	43,50	47,30	54,40	55,70	61,60	67,80	74,60	82,10	90,70	93,90	97,60
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	101,00	99,50	110,00	124,00	138,00	152,00	166,00	176,00	197,00	201,00	205,00	212,00	227,00	250,00	

HEAVY DUTY RING SPANNERS

845G GEDORE



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 extension tube.

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	154,00	37,10	38,20	41,10	44,80	56,90	55,50
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	64,50	75,70	88,90	95,80	128,00	137,00	166,00
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	178,00	228,00	228,00	420,00	461,00	622,00	626,00

In the future the measures to be 24 to 60 mm will become UNIT DRIVE.
 Sizes mm 100 e 105 are running out of stock

846GA GEDORE
846GB
846GC
846GD



Orig. Gedore
 Extension tubes
 For ring spanners Art. 845 G.

Art.....		846GA	846GB	846GC	846GD
Opening	mm	22-30	32-41	46-55	60-105
Each		30,30	44,30	66,10	88,80

HEAVY DUTY RING SPANNERS SETS

847G GEDORE



Orig. Gedore - Art. 2 ATM
 Displayer containing 15 ring spanners Art. 845 G from 24mm to 85mm and 4 extension tubes art. 846 G.
 Metallic frame, finely lacquered, dimensions 955x740mm.
 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.

847G	Each	2.200,00
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DEEP RING SPANNERS

847GT SCU
new



Prod. SCU
 Made of 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	12,20	15,50	20,50	25,20	30,10	39,30	43,60	46,70
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	59,40	78,60	98,90	113,00	135,00	151,00	166,00	180,00

848G GEDORE



Orig. Gedore - Art. 308
 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
848G	Each	49,10	40,80	45,20	48,10	43,40	51,10	46,10	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
848G	Each	52,10	53,80	59,60	57,30	64,30	55,50	66,10	84,30
Opening	mm	46	50	55	60	65			
Overall length	mm	365	400	445	475	510			
Head thickness	mm	27	28	29	30	32			
848G	Each	95,80	116,00	139,00	164,00	194,00			

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

Prices in EURO - VAT not included

PERCUSSION WRENCHES

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.

GEDORE



**849G
849GP**

Opening	mm	22	24	27	30	32	34	36	41	46	50	55	60	65	70	75	80	85
Overall length	mm	180	180	180	190	195	195	210	225	255	280	310	320	350	370	400	405	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	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	6,100
849G	Each	32,90	36,50	27,90	29,90	30,90	41,60	35,80	47,60	60,60	66,50	88,90	89,50	119,00	143,00	187,00	190,00	202,00
Opening	mm	90	95	100	105	110	115	120	125	130	135*	140*	145*	150*	160*	165*	170*	175*
Overall length	mm	455	455	500	500	500	525	525	545	575	575	640	640	640	715	715	715	715
Head thickness	mm	39	39	47	47	47	55	55	55	55	60	60	60	60	70	70	70	70
Weight	Kg	8,000	8,100	13,200	12,900	12,900	17,200	17,250	17,300	20,000	20,000	20,000	28,000	28,000	28,000	35,000	35,000	35,000
849G	Each	304,00	314,00	553,00	600,00	608,00	815,00	843,00	929,00	1.200,00	1.230,00	1.310,00	1.830,00	1.900,00	2.210,00	2.390,00	3.270,00	3.780,00

The measure 22-24 mm are Prod. SCU.

* Sizes running out of stock

Product description as Art. 849G

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
Overall length	mm	180	180	190	190	195	195	210	225	255	280	280	310	310	320
Head thickness	mm	16,5	16,5	17	17	17,5	17,5	18,5	19,5	20	21,5	21,5	24,5	24,5	24,5
Weight	Kg	0,340	0,330	0,450	0,450	0,500	0,500	0,700	0,950	1,300	1,700	1,700	2,250	2,250	2,700
849GP	Each	44,30	42,90	51,10	44,30	42,10	46,20	47,80	65,70	77,50	97,40	116,00	133,00	116,00	133,00
Opening	inch	2.9/16	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	350	405	405	455	455	500	500	500	525					
Head thickness	mm	28	34,5	34,5	39	39	47	47	47	55					
Weight	Kg	3,300	6,000	6,100	8,000	8,100	12,900	12,900	12,900	17,200					
849GP	Each	179,00	295,00	255,00	340,00	343,00	616,00	616,00	1.060,00	1.260,00					

Product running out of stock

SINGLE ENDED OPEN JAW SPANNERS

Orig. Gedore - Art. 894

In CHROME VANADIUM steel.

Phosphate finish up to 38mm, sandblasted finish from 41mm.

Dimensions according to DIN 894. With hole.

GEDORE



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	3,42	3,42	3,42	3,46	3,46	3,84	4,08	4,08	4,20	5,28	5,30	4,26	5,24	6,14	8,22
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	8,62	9,70	11,70	13,10	23,80	18,40	20,60	22,60	29,60	37,20	42,20	54,70	65,30	83,40	96,80
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	121,00	166,00	201,00	279,00	292,00	400,00	419,00	572,00	583,00	785,00	815,00				

Prod. SCU

In steel. Nickel finish. Dimensions according to DIN 894.

Opening	mm	6	7	8	9	10	11	12	13
850R	Each	0,78	0,78	0,78	0,78	0,78	0,98	0,98	0,98
Opening	mm	14	15	16	17	18	19	22	24
850R	Each	1,18	1,18	1,18	1,56	1,56	1,56	2,16	2,54
Opening	mm	27	30	32	36	38	40	41	46
850R	Each	3,52	4,50	5,28	7,24	7,64	12,50	10,40	12,80
Opening	mm	50	55	60	65	70	75	80	85
850R	Each	18,00	21,60	33,10	40,30	69,70	109,00	150,00	199,00

SCU



850R

DOUBLE ENDED OPEN JAW SPANNERS
852G**GEDORE****Orig. Gedore - Art. 895**

In CHROME VANADIUM steel.

Dimensions according to DIN 895.

Phosphate finish up to 34x36mm, sandblasted finish from 36x41mm.

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	3,48	4,22	3,48	3,48	4,22	3,70	4,94	4,22	4,22	4,22	4,22	5,28	4,70	4,78	5,28
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	4,92	5,62	5,50	7,22	7,64	6,94	8,90	7,60	9,28	11,10	11,60	12,50	16,10	16,10	16,10
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	22,20	21,80	27,10	36,10	37,40	51,20	60,60	72,40	124,00	232,00					

Size mm 20x22 is running out of stock

852R**SCU****Prod. SCU**

In steel. Nickel finish. Dimensions according to DIN 895.

Opening	mm	6x7	8x9	8x10	10x11	10x13	11x13	12x13
852R	Each	0,78	0,78	0,98	0,98	0,98	0,98	0,98
Opening	mm	13x14	13x17	14x15	14x17	16x17	17x19	18x19
852R	Each	1,18	1,38	1,38	1,38	1,56	1,56	1,56
Opening	mm	17x22	19x22	20x22	19x24	21x23	22x24	24x26
852R	Each	2,82	2,36	2,54	2,36	3,34	3,34	4,50
Opening	mm	24x27	24x30	25x28	27x30	27x32	30x32	30x36
852R	Each	4,30	5,10	4,70	5,48	5,28	6,46	8,86
Opening	mm	32x36	36x41	41x46	46x50	50x55	55x60	
852R	Each	9,00	12,10	16,10	26,30	36,80	49,70	

DOUBLE ENDED OPEN JAW SPANNERS SETS
853GA**GEDORE****Orig. Gedore - Art. 895/08**

Made from 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 Per series **39,60**

Product running out of stock

CROWFOOT SPANNERS
856G**GEDORE****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	30,90	31,60	40,60	35,70	40,60	40,60	47,40	47,40
Opening	mm	24	27	30	32	36	46	50	
Overall length	mm	250	250	250	250	315	315	315	
Bore for levers Ø	mm	14,5	14,5	16,5	16,5	19	21	21	
856G	Each	58,20	64,30	69,50	77,50	124,00	185,00	213,00	

Sizes mm 46 and 50 are running out of stock

GAS CYLINDER WRENCHES
858**SCU****Prod. SCU**

Made of steel, with 1 bent head.

Opening 25mm.

Overall length 160mm

Nickel finish.

858 Each **2,18**

THIN WRENCHES

Prod. SCU

Made of hardened CHROME-VANADIUM steel.
With two jaws, according to ISO 691-1, particularly thin for use in confined spaces.
Nickel-plated finish.

SCU

858GA

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	6,46	6,46	6,46	6,46	7,82	9,02



THIN WRENCHES SETS

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.

SCU

858GB

858GB	Per series	46,70
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THIN WRENCHES

Prod. SCU

Made of hardened CHROME-VANADIUM steel.
With two jaws, particularly thin for use in confined spaces.
Chrome plated matt finish.

SCU

858GC

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	18x19	20x22	21x23	22x24
Overall length	mm	150	175	175	210	210	250	250	290	290	290
Heads thickness	mm	2,2	2,6	2,6	3,6	3,6	4,6	4,6	5,6	5,6	5,6
858GC	Each	18,70	18,70	18,70	21,70	21,70	28,10	28,10	37,80	37,80	37,80



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.

SCU

858GD

858GD	Per series	280,00
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THIN WRENCHES

Prod. SCU

Made of hardened special steel.
With particularly thin jaws for use in confined spaces.
Burnished finish.

SCU

858GL

Opening	mm	10	12	13	14	15	16	17	19	22	24
Overall length	mm	100	115	135	135	145	145	145	175	195	215
Heads thickness	mm	2	2,5	3	3	3	3	3	3	4	4
858GL	Each	7,12	7,88	8,22	8,58	8,98	9,40	9,58	10,50	11,30	14,70



IGNITION SPANNERS SETS

Orig. Gedore - Art. 625 M

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 scredriver and 1 file for contacts.

GEDORE

860G

860G	Per series	11,30
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DOUBLE OPEN ENDED SPANNERS MIDGET PATTERN

862G GEDORE



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	6,14	6,14	6,14	6,14	6,14	6,14	6,84
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	6,94	6,84	6,84	7,28	7,28	8,78	

DOUBLE OPEN ENDED SPANNERS SETS MIDGET PATTERN

863GA GEDORE



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	Per series	67,80
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DOUBLE OPEN ENDED SPANNERS

**870G
870GP**



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	8,32	8,28	8,28	6,50	5,42	6,50	6,94	7,16	5,56	6,80	7,52	7,52	6,32	7,38	8,48
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	8,62	8,76	7,62	8,56	8,56	9,28	8,18	9,44	9,44	8,82	10,60	10,80	10,50	13,40
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	13,60	12,60	12,20	14,30	13,40	15,50	14,20	17,40	16,30	16,30	19,20	18,80	24,10	22,80	22,70
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	22,80	26,10	41,70	41,70	49,30	55,10	64,50	73,40	103,00	160,00					

Size mm 10x14 is 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	7,26	7,02	8,02	8,44	9,88	10,30	11,20	11,60	11,60
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	12,50	12,70	13,60	15,30	15,30	15,30	17,30	19,70	21,30
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	26,20	27,10	26,90	47,10	45,70	48,60	48,60		

* Sizes running out of stock

Orig. Carolus - Art. 0500

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	3,12	3,12	3,82	3,82	4,32	4,32	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	5,22	5,22	5,94	5,94	7,00	7,00
Opening	mm	21x23	22x24	24x26	24x27	24x30	25x28	27x30
Overall length	mm	247	250	266	266	280	280	302
870GR	Each	7,20	8,06	8,70	9,12	14,70	10,60	13,90
Opening	mm	27x32	30x32	32x36	36x41			
Overall length	mm	302	302	328	380			
870GR	Each	13,90	13,90	26,20	33,80			



870GR



3

DOUBLE ENDED OPEN JAW SPANNERS 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.

Set of 6 wrenches Art. 870 G. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17mm.

871G 6 Per series **42,90**

Product description as Art. 871G 6

Set of 8 wrenches Art. 870 G. Dimensions: 6x7-8x9- 10x11-12x13-14x15-16x17-18x19-20x22mm.

871G 8 Per series **63,60**

Product description as Art. 871G 6

Set of 10 wrenches Art. 870 G. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27mm.

871G 10 Per series **96,50**

Product description as Art. 871G 6

Set of 10 wrenches Art. 870 G. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-24x27-30x32mm.

871G 10A Per series **107,00**

Product description as Art. 871G 6

Set of 12 wrenches Art. 870 G. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm.

871G 12 Per series **139,00**

Product description as Art. 871G 6

Set of 12 wrenches Art. 870 G. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x32mm.

871G 12A Per series **139,00**

Orig. Gedore - Art. 6A

Product description as Art. 871G 6

SET OF DOUBLE OPEN ENDED WRENCHES WITH OPENINGS IN US INCH SIZES

Set of 8 wrenches Art. 870 GP. Dimensions: 1/4x5/16-5/16x3/8-7/16x1/2-9/16x5/8-19/32x11/16-3/4x25/32-13/16x7/8-15/16x1 inches.

871GP 8 Per series **95,50**

Product description as Art. 871G 6

SET OF DOUBLE OPEN ENDED WRENCHES WITH OPENINGS IN US INCH SIZES

Set of 12 wrenches Art. 870 GP. Dimensions: 1/4x5/16-5/16x3/8-3/8x7/16-19/32x11/16-5/8x3/4-3/4x7/8-7/16x1/2-1/2x9/16-9/16x5/8-25/32x13/16-15/16x1-1.1/16x1.1/8 inches.

871GP 12 Per series **155,00**



- 871G 6
- 871G 8
- 871G 10
- 871G 10A
- 871G 12
- 871G 12A
- 871GP 8
- 871GP 12



871GS 8 **GEDORE**
871GS 12



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. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm
Supplied on stand.

871GS 8 Per series **84,50**

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 Per series **162,00**

872GA **carolus**
872GB by GEDORE
872GD
872GE



Orig. Carolus - Art. 0500

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.

Supplied in cardboard packaging.

Set of 6 wrenches Art. 870 GR. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17mm.

872GA Per series **24,80**

Product description as Art. 872GA

Set of 8 wrenches Art. 870 GR. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm:

872GB Per series **33,70**

Product description as Art. 872GA

Set of 12 wrenches Art. 870 GR. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm.

872GD Per series **66,10**

Product description as Art. 872GA

Set of 12 wrenches Art. 870 GR. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x32mm.

872GE Per series **78,10**

PLASTIC SUPPORTS FOR WRENCHES SETS

872GT 8 **GEDORE**
872GT 12



Orig. Gedore - Art. E-PH 6-8L

Plastic supports for 8-wrenches sets.

872GT 8 Each **2,76**

Orig. Gedore - Art. E-PH 6-12L

Plastic supports for 12-wrenches sets.

872GT 12 Each **3,52**

DOUBLE OPEN ENDED SPANNERS

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	1,94	2,60	3,00	3,26	3,80	4,16	5,56
Opening	mm	20x22	21x23	24x27	25x28	30x32		
Overall length	mm	236	250	266	280	302		
873	Each	5,82	6,76	9,12	10,40	15,00		

DOUBLE ENDED OPEN JAW SPANNERS SETS

873A **SCU**
873B



Prod. SCU

Standard model. According to DIN 3110. In CHROME VANADIUM steel. Double open ended model. Heads angled at 15°. Chrome matt plated finish. Supplied in cardboard packaging.

Set of 8 wrenches Art. 873. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22mm.

873A Per series **30,50**

Product description as Art. 873A

Set of 12 wrenches Art. 873. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm.

873B Per series **71,70**

DOUBLE ENDED OPEN JAW SPANNERS WITH RATCHET

Orig. Sturem

Made from 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.

STUREM

873E

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	34,60	44,30	49,90	58,50



DOUBLE ENDED OPEN JAW SPANNERS WITH RATCHET IN SETS

Orig. Sturem

Product description as Art. 873E
Set of 4 spanners Art. 873 E 1-2-3-4.
Packed in plastic case.

STUREM

873F

873F	Per series	170,00
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COMBINATION SPANNERS

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.

GEDORE

**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	10,30	10,30	9,76	9,66	9,52	10,90	10,80	11,60	12,20	13,20	13,30
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	15,80	17,00	17,60	19,70	20,60	22,10	22,90	25,50	27,90	28,70	30,80
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	30,90	32,60	38,20	41,10	42,40	44,50	51,10	57,80	81,70	91,70	98,60
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	134,00	165,00	205,00	284,00	567,00	627,00	712,00	836,00			

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	10,30	10,80	12,50	13,10	13,50	15,10	17,20	22,10	22,10	25,90	28,20
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	30,20	30,90	34,10	40,10	46,60	51,60	93,30	98,90	100,10	120,00	145,00
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	148,00	148,00	192,00	192,00	233,00	233,00	326,00	326,00			

Art. 874 GAx1/4 - 1.5/16 with polygonal open end "UNIT DRIVE".

874GD **GEDORE**
874GE



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.

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	12,80	13,10	12,80	12,80	12,70	12,70	12,70	8,52	8,38	8,86	9,18	8,88
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	9,78	10,50	10,60	11,30	12,10	12,80	13,10	14,90	14,60	17,60	18,10	20,00
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	20,90	22,60	23,60	24,10	26,20	30,10	30,80	31,20	34,20	46,10	67,60	

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	10,40	10,50	10,70	10,80	11,40	12,60	13,50	15,50	17,60	18,20	20,60	23,10	26,60	26,10

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	12,40	12,30	13,90	13,80	13,80	13,80	13,80	16,70	16,70	19,70	19,60	24,20
Opening	mm	19	21	22	24	27	30	32	33	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	15x23,2	15x24,2	16x26	17x28
Overall length	mm	310	340	350	400	450	480	500	520	520	550	600	640
874GL	Each	24,20	27,90	27,80	30,90	39,50	65,10	78,60	96,10	99,80	99,30	111,00	179,00

874GR **carolus**
by GEDORE



Orig. Carolus - Art. 0900
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	3,4x5	3,6x5,5	3,8x6	4x6,5	4,2x7	4,5x7,5	4,8x8	5x8,5	5,2x9	5,5x9,5	5,8x10
Overall length	mm	100	110	120	130	140	150	160	170	180	190	200
874GR	Each	3,82	3,82	3,82	3,82	4,04	4,38	4,80	4,80	5,22	5,44	5,86
Opening	mm	17	18	19	20	21	22	24	27	30	32	
Heads thickness	mm	6x10,5	6,2x11	6,5x11,5	6,8x12	7x12,5	7,2x13	8x14	8,5x15,5	9x17	9,5x18	
Overall length	mm	210	220	230	240	252	262	282	310	340	370	
874GR	Each	5,86	7,06	7,06	8,42	8,70	9,26	10,60	14,60	15,20	18,30	

COMBINATION SPANNERS 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 Per series **110,00**

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 Per series **164,00**

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 Per series **277,00**

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 Per series **267,00**

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 Per series **433,00**

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 Per series **583,00**

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 Per series **153,00**

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 Per series **329,00**

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 Per series **127,00**

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 Per series **212,00**

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 Per series **338,00**

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 Per series **457,00**

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

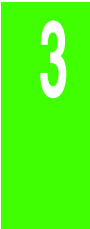
877GP 8 Per series **88,10**

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 Per series **206,00**



- 875G 8
- 875G 11
- 875G 12
- 875G 17
- 875G 20
- 875G 26 *new*
- 875GP 8
- 875GP 14



- 877G 12
- 877G 17
- 877G 20
- 877G 26 *new*
- 877GP 8
- 877GP 12



877GS 12 GEDORE



Orig. Gedore - Art. 7 XL

LONG pattern.
According to DIN 3113.
In CHROME VANADIUM steel.
Bi-hexagonal head angled at 15°. Finely worked. Chrome plated finish.
Supplied in cardboard packaging.
Set of 12 wrenches Art. 874 GL 10-11-12-13-14-17-19-22-24-27-30-32mm
877GS 12 Per series 355,00

878GA 878GB 878GE 878GF carolus by GEDORE



Orig. Carolus - Art. 0900

According to DIN 3113 A/ISO 3318/ISO 7738. In CHROME VANADIUM steel.
Bi-hexagonal head angled at 15°. Chrome plated finish.
Supplied in cardboard packaging(only Art. 878 GB supplied in bag).
Set of 10 wrenches Art. 874 GR 8-10-11-12-13-14-15-17-19-22mm
878GA Per series 49,10

Product description as Art. 878GA

Set of 13 wrenches Art. 874 GR 6-7-8-9-10-11-12-13-14-15-17-19-22mm
878GB Per series 66,20

Product description as Art. 878GA

Set of 12 wrenches Art. 874 GR 10-11-12-13-14-17-19-22-24-27-30-32mm.
878GE Per series 101,00

Product description as Art. 878GA

Set of 21 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
878GF Per series 152,00

COMBINATION SPANNERS

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	1,60	1,60	1,84	1,84	2,02	2,26	2,62
Mouths opening	mm	13	14	15	16	17	18	19
Overall length	mm	170	180	190	200	210	220	230
879	Each	2,60	2,90	3,08	3,30	3,56	4,66	5,00
Mouths opening	mm	20	21	22	23	24	25	26
Overall length	mm	240	250	260	270	280	290	300
879	Each	5,56	6,20	7,10	7,88	8,86	9,60	10,60
Mouths opening	mm	27	28	29	30	32		
Overall length	mm	310	320	330	340	360		
879	Each	11,80	12,60	14,10	14,10	14,60		

COMBINATION SPANNERS SETS

879A 879B SCU



Prod. SCU

Standard model. According to DIN 3113A. In CHROME VANADIUM steel. Bi-hexagonal 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 Per series 58,30

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 Per series 163,00

COMBINATION OPEN AND RATCHET-RING SPANNERS

879D SCU



Prod. SCU

Short pattern. In CHROME-VANADIUM steel. Straight heads, with 1 open end and 1 bi-hexagonal 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	10,00	10,30	10,30	10,50	11,10	11,40	12,10
Mouths opening	mm	15	16	17	18	19		
Overall length	mm	119	122	125	131	136		
879D	Each	13,30	13,80	15,10	16,50	16,50		

Prices in EURO - VAT not included

COMBINATION OPEN AND RATCHET-RING SPANNERS 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 Per series **99,80**

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 Per series **130,60**

SCU



879F

3

COMBINATION OPEN AND RATCHET-RING SPANNERS

Orig. Carolus - Art. 1700

Made from 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	10,80	12,00	12,50	14,20	14,60	14,90	15,90
Mouths opening	mm	15	16	17	18	19	20	21
Overall length	mm	198	205	224	235	246	280	280
879FA	Each	18,10	18,70	19,60	22,20	23,10	31,20	31,50
Mouths opening	mm	22	24	27	30	32	34	36
Overall length	mm	280	310	330	425	425	460	490
879FA	Each	31,90	37,90	53,80	75,20	76,20	90,90	112,00

carolus
by GEDORE



879FA



COMBINATION OPEN AND RATCHET-RING SPANNERS SETS

Orig. Carolus - Art. 1700.005

Product description as Art. 879FA
 Packed in cardboard box.
 Set of 5 wrenches Art. 879 FA size 8-10-13-17-19mm.

879FB Per series **75,80**

carolus
by GEDORE



879FB



879FD **carolus**



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 Per series **152,62**

COMBINATION OPEN AND RATCHET-RING SPANNERS

879FE **GEDORE**



Orig. Gedore - Art. 7R

Made from 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.

Heads are straight and thin with one fixed aperture, and one with polygonal ratchet. 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
Overall length	mm	140	150	160	164	170	180	190
879FE	Each	17,20	17,60	18,10	18,50	19,60	21,10	21,70
Mouths opening	mm	15	16	17	18	19	21	22
Overall length	mm	200	212	225	235	250	274	292
879FE	Each	22,70	24,10	25,40	26,90	27,50	33,10	37,90
Mouths opening	mm	24	27	30	32	34	36	
Overall length	mm	325	359	399	424	449	480	
879FE	Each	43,20	95,10	108,00	127,00	140,00	154,00	

COMBINATION OPEN AND RATCHET-RING SPANNERS SETS

879FG **GEDORE**



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 Per series **117,92**

879FL **GEDORE**



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 Per series **197,82**

COMBINATION OPEN AND RATCHET-RING SPANNERS

879G **GEDORE**



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	27	32
Overall length	mm	208	236	359	425
879G	Each	19,70	22,10	78,10	102,00

Product running out of stock

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, hexagonal head screws with worn out/rounded head up to 50%, bihexagonal head screws, 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	25,50	25,50	27,70	30,40	32,20	34,40	35,80
Mouths opening	mm	15	16	17	18	19	22	24
Overall length	mm	200	208	225	236	248	290	295
879GB	Each	38,90	41,90	43,70	48,50	49,90	64,20	69,10



Orig. Carolus - Art. 1710

Made from CHROME-VANADIUM steel. Thin heads, with 1 open end and 1 bi-hex 72 tooth ratchet head, bent at 15°, with cursor for clockwise and counter clockwise operation. With retaining ring for easy use even with bolts fixed on long bars. 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	14,30	15,80	16,30	18,10	18,80	19,30	20,80
Mouths opening	mm	15	16	17	18	19	20	21
Overall length	mm	198	204	224	245	245	280	280
879GE	Each	23,30	24,30	25,60	28,60	30,00	39,60	40,70
Mouths opening	mm	22	24	27	30	32	34	36
Overall length	mm	280	310	330	425	425	460	490
879GE	Each	41,40	46,40	64,50	84,40	86,20	112,00	135,00



COMBINATION OPEN AND RATCHET-RING SPANNERS 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	Per series	177,72
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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	Per series	265,80
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Orig. Carolus - Art. 1507.00

Made from CHROME-VANADIUM steel. Thin heads, with 1 open end and 1 bi-hex 72 tooth ratchet head, bent at 15°, with cursor for clockwise and counter clockwise operation. With retaining ring for easy use even with bolts fixed on long bars. Sturdy, easy to handle, practical. Finely worked.

Chrome finish. Supplied in metal case.

Set of 7 wrenches Art. 879 GE. Dimensions: 8-10-12-13-15-17-19mm.

1 x magnetic 1/4" hex bit adapter Art. 947 GB to use in combination with wrench Art. 879 GE 8mm

1 x magnetic 5/16" hex bit adapter Art. 984 GFA to use in combination with wrench Art. 879 GE 13mm

1 x 1/4" square drive socket adapter Art. 947 GC to use in combination with wrench Art. 879 GE 10mm

1 x 3/8" square drive socket adapter Art. 956 RM to be used in combination with wrench Art. 879 GE 15mm

1 x 1/2" square drive socket adapter Art. 971 RL to be used in combination with wrench Art. 879 GE 19mm.

879GF	Per series	248,00
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879GL **carolus**
by GEDORE



Orig. Carolus - Art. 1512.00

Product description as Art. 879GF

Set of 12 wrenches Art. 879 GE. Dimensions: 8-9-10-11-12-13-14-15-16-17-18-19mm.

1 x magnetic 1/4" hex bit adapter Art. 947 GB to be used in combination with wrench Art. 879 GE 8mm

1 x magnetic 5/16" hex bit adapter Art. 984 GFA to be used in combination with wrench Art. 879 GE 13mm

1 x 1/4" square drive socket adapter Art. 947 GC to be used in combination with wrench Art. 879 GE 10mm

1 x 3/8" square drive socket adapter Art. 956 RM to be used in combination with wrench Art. 879 GE 15mm

1 x 1/2" square drive socket adapter Art. 971 RL to be used in combination with wrench Art. 879 GE 19mm.

879GL Per series **328,00**

COMBINATION OPEN AND RATCHET-RING SPANNERS

879GM **GEDORE**



Orig. Gedore - Art. 7UR

Made from 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.

A straight, slender head, with a fixed aperture. A second one, at an incline of 13°, includes a polygonal ratchet for D+S 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	25,20	26,10	26,70	26,70	27,30	27,50	31,90	31,90
Mouths opening	mm	16	17	18	19	21	22	24	
Overall length	mm	212	225	237	250	274	292	325	
879GM	Each	37,90	37,90	40,90	40,90	60,10	60,10	70,90	

COMBINATION OPEN AND RATCHET-RING SPANNERS 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 Per series **258,62**

879GR **GEDORE**



Product description as Art. 879GM

Packed in roll-up bag Art. 2076 GC.

Set of 12 wrenches Art. 879 GM size 8-9-10-11-12-13-14-15-16-17-18-19mm.

879GR Per series **391,50**

COMBINATION OPEN AND RATCHET-RING SPANNERS

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	8	9	16	18	19
Overall length	mm	140	150	210	235	250
879GS	Each	20,80	20,80	31,10	33,40	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	14,00	14,00	14,00	14,20	14,80	15,10	16,10
Mouths opening	mm	13	14	15	16	17	18	19
Overall length	mm	185	194	215	210	230	248	248
879GV	Each	16,50	17,10	17,90	19,30	20,10	20,90	21,60
Mouths opening	mm	20	21	22	23	24	25	26
Overall length	mm	280	280	280	320	320	320	320
879GV	Each	34,50	34,50	34,50	39,80	39,80	39,80	39,80

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. Dimensions: 8-10-13-17-19mm.

879GZA	Per series	95,62
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879GZA


Product description as Art. 879GV

Supplied in rolled tool bag Art. 2076 GB.

Set of 8 wrenches Art. 879 GV. Dimensions: 8-10-12-13-14-15-17-19mm.

879GZB	Per series	147,42
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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	Per series	218,20
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879GZC

COMBINATION OPEN AND RATCHET-RING SPANNERS
Prod. SCU

Long model with fixed head with its opening folded at 90° proportional to the polygonal head ratchet. Made from 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		

Product running out of stock

880


COMBINATION OPEN AND RATCHET-RING SPANNERS 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 Per series **329,00**

Product running out of stock

3

BIHEXAGON RING SPANNERS

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	14,30	11,80	12,10	13,90	15,50	13,10	15,50	16,10	16,60	16,20	13,80	16,20
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	16,60	18,40	15,10	18,50	16,90	20,70	19,60	18,60	24,70	28,60	21,80	26,30
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	30,30	28,60	32,60	31,20	29,40	33,10	32,60	43,30	38,60	37,60	37,50	43,80
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	70,20	67,20	77,40	88,30	95,10	111,00	140,00	223,00	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	1/4x5/16	5/16x3/8	3/8x7/16	7/16x1/2	1/2x9/16	9/16x5/8	19/32x11/16	5/8x11/16	3/4x25/32
Opening	mm	6,35x7,94	7,94x9,52	9,52x11,11	11,11x12,70	12,70x14,29	14,29x15,87	15,08x26,99	15,87x17,46	19,05x19,84
Overall length	mm	170	180	195	212	225	225	245	245	265
880GP	Each	13,20	13,80	15,60	17,50	17,50	17,50	18,60	19,30	21,40
Opening	inch	3/4x7/8	25/32x13/16	13/16x7/8	15/16x1	1x1.1/8	1.1/16x1.1/4	1.1/8x1.5/16		
Opening	mm	19,05x22,23	19,84x20,64	20,64x22,23	23,81x25,40	25,40x28,58	26,99x31,75	28,58x33,34		
Overall length	mm	285	285	285	325	345	370	370		
880GP	Each	26,10	28,70	26,10	33,10	34,40	39,70	40,80		

Product running out of stock

880GR **carolus**
by GEDORE



Orig. Carolus - Art. 0100

Compliant with DIN 838/ISO 3318 - ISO 1085 - ISO 10104.

Made from CHROME-VANADIUM steel.

With two bi-hex ends. Chrome finish.

Opening	mm	6x7	8x9	10x11	10x13	12x13	13x15	13x17
Overall length	mm	170	182	185	212	212	225	246
880GR	Each	5,66	5,66	5,94	6,64	6,64	7,72	8,34
Opening	mm	14x15	16x17	17x19	18x19	19x22	20x22	21x23
Overall length	mm	225	245	265	265	287	287	305
880GR	Each	6,92	8,14	9,04	8,70	10,80	10,80	12,80
Opening	mm	22x24	24x26	24x27	25x28	27x32	30x32	36x41
Overall length	mm	307	325	325	345	370	370	440
880GR	Each	12,80	15,10	15,10	15,40	18,60	18,60	30,90

Size mm 13x15 is running out of stock

BIHEXAGON RING SPANNERS 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 Per series **125,00**

Product description as Art. 881G 8
 Set of 10 wrenches Art. 880 G
 Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-24x27-30x32mm

881G 10 Per series **193,00**

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 Per series **252,00**

Product description as Art. 881G 8
 SET OF BIHEXAGONAL RING WRENCHES WITH OPENINGS IN US INCH SIZES
 Set of 8 wrenches Art. 880 GP.
 Inch sizes: 1/4x5/16-5/16x3/8-7/16x1/2-9/16x5/8-19/32x11/16-3/4x25/32-13/16x7/8-15/16x1

881GP 8 Per series **162,00**

Product running out of stock

Product description as Art. 881G 8
 SET OF BIHEXAGONAL RING WRENCHES WITH OPENINGS IN US INCH SIZES
 Set of 10 wrenches 880 GP. Inch sizes: 1/4x5/16-5/16x3/8-7/16x1/2-9/16x5/8-19/32x11/16-3/4x25/32-13/16x7/8-15/16x1-1.1/16x1.1/4-1.1/8x1.5/16

881GP 10 Per series **243,00**

Product running out of stock



881G 8
881G 10
881G 12
881GP 8
881GP 10



3

Orig. Carolus - Art. 0100

Compliant with DIN 838/ISO 3318 - ISO 1085 - ISO 10104.
 Made from 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 Per series **55,10**

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 Per series **108,00**



882GB
882GD



BIHEXAGON RING SPANNERS

Prod. SCU

Standard model. According to DIN 838. In CHROME VANADIUM steel. Double ended, bihexagonal. Chrome plated finish.

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	18x19
Overall length	mm	170	180	195	210	225	245	265
882M	Each	2,74	3,30	3,68	4,24	4,70	5,26	6,94
Opening	mm	20x22	21x23	24x27	25x28	30x32		
Overall length	mm	285	305	325	345	370		
882M	Each	8,92	10,20	12,60	14,60	17,80		



882M



BIHEXAGON RING SPANNERS 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 Per series **39,80**

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 Per series **95,80**



882P
882R





HALF MOON RING SPANNERS

882S

GEDORE



Orig. Gedore - Art. 304

In forged CHROME VANADIUM steel.
Thin double ended, polygonal. Chrome plated finish.

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	23,80	30,20	30,10	30,10	30,10	36,30	37,90

FLARE NUT SPANNERS

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
Overall length	mm	140	145	150	150	160
Mouths thickness	mm	6,5x8	7,5x8,5	8x8,5	8x8,5	8,5x10,5
Mouths type		ESAG.	ESAG.	ESAG.	ESAG.	ESAG.
Pipe passage	mm	6x7	6,5x8,5	7x8,5	7x9	8,5x10
Mouths angulation opening		30°	30°	30°	30°	30°
883G	Each	20,10	22,30	21,70	22,20	22,30
Opening	mm	12x14	13x15	14x17	17x19	19x22
Overall length	mm	170	180	195	210	230
Mouths thickness	mm	9,5x11,2	10,5x11,8	11,5x12,2	12,2x13,2	13,2x15,2
Mouths type		ESAG.	POLIG.	POLIG.	POLIG.	POLIG.
Pipe passage	mm	9x11,2	10x12	11x14	14x15	15x17
Mouths angulation opening		30°	15°	15°	15°	15°
883G	Each	22,60	24,60	24,80	27,50	33,20
Opening	mm	22x24	24x27	30x32	36x41	
Overall length	mm	250	270	300	351	
Mouths thickness	mm	15,2x16,2	16,2x17,2	20,2x22,2	25,2x28,2	
Mouths type		POLIG.	POLIG.	POLIG.	POLIG.	
Pipe passage	mm	17x18	18x20	22x24	25x32	
Mouths angulation opening		15°	15°	15°	15°	
883G	Each	37,20	45,80	59,60	70,50	

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	9/16x5/8
Overall length	mm	140	150	160	170	195
Mouths thickness	mm	6,5x8	8x8,5	8,5x10,5	9,5x11,2	11,2x12,2
Mouths type		ESAG.	ESAG.	ESAG.	ESAG.	POLIG.
Pipe passage	mm	6x7	7x8,5	8,5x10	10x11	11x13
Mouths angulation opening		30°	30°	30°	30°	15°
883GP	Each	22,90	24,60	25,60	25,90	28,80
Opening	inch	5/8x3/4	3/4x7/8	7/8x1		
Overall length	mm	210	230	250		
Mouths thickness	mm	12,2x13,2	13,2x15,2	15,2x16,2		
Mouths type		POLIG.	POLIG.	POLIG.		
Pipe passage	mm	13x15	15x17	17x19		
Mouths angulation opening		15°	15°	15°		
883GP	Each	31,90	36,70	42,40		

RATCHET RING WRENCHES

883GS
883GT

SCU



Prod. SCU

Body in sheet steel and forged head.
Suitable to tighten Suitable to tighten nuts incorporated in pipes.

Opening	mm	7	8	9	10	11	12	13
Head thickness	mm	7,2	7,2	7,2	7,2	7,2	7,2	7,2
Overall length	mm	138	138	138	138	138	138	138
883GS	Each	47,20	47,20	47,20	48,10	48,10	48,10	48,10
Opening	mm	14	16	17	19	21	22	24
Head thickness	mm	7,2	9,7	9,7	9,7	12,9	12,9	12,9
Overall length	mm	138	184	184	184	236	236	236
883GS	Each	52,10	53,50	53,50	53,50	69,30	69,30	69,30
Opening	mm	27	30	32				
Head thickness	mm	12,9	12,9	12,9				
Overall length	mm	236	236	236				
883GS	Each	132,00	132,00	161,00				

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	36,20	36,20	36,20	36,20	44,10	44,10	44,10	44,10	54,10	54,10	54,10	54,50

Depending on availability will be provided wrenches sizes with chrome or burnished handles.

DOUBLE OPEN ENDED SPANNERS

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	13x17
Overall length	mm	99	114	115	131	149	149	161	167
884G	Each	14,50	14,90	13,70	14,20	15,70	16,20	17,60	17,90
Opening	mm	14x15	16x17	17x19	18x19	19x22	20x22	21x23	22x24
Overall length	mm	161	169	186	186	209	209	233	233
884G	Each	17,20	18,10	18,20	18,20	19,80	21,10	22,10	23,40
Opening	mm	24x26	24x27	25x28	30x32	32x36	36x41	41x46	46x50
Overall length	mm	261	260	289	320	357	391	431	473
884G	Each	25,50	25,20	29,10	34,20	52,10	63,10	89,20	112,00

GEDORE

884G



3

TORX RING SPANNERS

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 impression opening	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	19,10	19,80	23,40	31,60

GEDORE

884GT



DOUBLE ENDED OPEN JAW SPANNERS 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 Per series **138,00**

Product description as Art. 885G 8

Set of 12 wrenches Art. 884 G. Dimensions: 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32mm

885G 12 Per series **251,00**

GEDORE

885G 8
885G 12



RATCHET BIHEXAGON RING SPANNERS

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	13,20	14,70	16,00	18,40	20,40	21,70

SCU

885GE



Orig. Gedore - Art. 4 R

Made from 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	35,80	36,90	38,20	39,30	39,90	43,10	46,10
Opening	mm	17x19	18x19					
Overall length	mm	235	248					
885GEL	Each	46,90	47,60					

GEDORE

885GEL



RATCHET TORX RING SPANNERS

Prod. SCU

In CHROME-VANADIUM steel, forged. Double ended, bi-hexagonal, straight. Finely worked. Chrome plated finish. Ratchet head movement.

TORX size	E	6x8	10x12	14x18	20x24
Max impression opening	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	15,20	15,70	19,10	22,60

SCU

885GF



RATCHET TORX RING SPANNERS 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 Per series **81,22**

3

RATCHET BIHEXAGON RING SPANNERS

885GLP

carolus
by GEDORE



Orig. Carolus - Art. 1740.00

Dual compass model available in different sizes on both sides. Made from CHROME-VANADIUM steel. With polygonal, straight mouths. Complete with ratchet slider which enables D+S movement. Finely worked. Chrome finish.

Mouth aperture 10-13-17-19mm.

Total length 225mm.

885GLP Each **44,10**

885GM

SCU



Prod. SCU

Dual compass model available in different sizes on both sides. Made from CHROME-VANADIUM steel. With polygonal, straight mouths. Ratchet lever for D+S 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	66,60	65,10	79,40	98,90

RATCHET BIHEXAGON RING SPANNERS 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 Per series **282,00**

RATCHET RING SPANNERS WITH INTERCHANGEABLE INSERTS

885GP

carolus
by GEDORE



Orig. Carolus - Art. 1520.00

Made from CHROME-VANADIUM steel. Double-ended, bi-hex (14 and 19mm) and interchangeable end fittings (mm and TORX). Finely worked. Chrome finish. Ratchet mechanism. Ergonomic wrench supplied with 9 end fittings (8 - 9 - 10 - 11 - 12 - 13 - 15 - 16 - 17mm) and 9 TORX bi-hex end fittings (E 8 - 10 - 11 - 12 - 14 - 16 - 18 - 20 - 22), interchangeable. In an elegant and practical metal case.

885GP Each **103,00**

Particularly suitable for locking and unlocking nuts at the ends of prisoners, on threaded rods of whatever length or located at depth.

Product running out of stock

OPEN ENDED-SWIVEL SOCKET WRENCH

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	23,50	24,10	26,10	26,10	27,20	28,30	31,10
Opening	mm	17	18	19				
Overall length	mm	255	269	283				
Bore Ø for levers	mm	8	8	8				
886G	Each	31,20	34,60	34,70				



886G



3

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.

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	46,10	46,40	49,90	51,30	53,10	57,60	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	63,10	66,20	66,20	75,60	77,10	94,70	143,00



887GA



Sizes mm 13x15 e 14x17 are running out of stock

Product description as Art. 887GA

MODEL WITH OPENINGS IN US INCH SIZES

Opening	inch	1/2x9/16	5/8x3/4	13/16x7/8	15/16x1
Overall length	mm	245	315	350	410
Bore Ø for levers	mm	8	12	12	14
887GB	Each	53,50	69,60	78,90	101,00

Product running out of stock



887GB



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.

TORX size	E	6x8	10x12	20x24
Screw thread Ø	M.	5/4-6/5	8/6-10/8	16/18-20
Max impression opening (mm)	mm	5,6/7,4	9,3/11,1	18,4/22,1
Overall length	mm	190	230	295
887GT	Each	45,10	57,60	73,30

Product running out of stock



887GT



RATCHETING WRENCHES

Prod. SCU

In sturdy sheet steel, reinforced. Clockwise and counter-clockwise operation. Double ended, bihexagonal. Ratchet mechanism.
Chrome-plated finish.

Model with straight heads.

Opening	mm	7x8	9x10	11x12	13x14	15x17	16x18	19x21
Mouths type		hexag.	polig.	polig.	polig.	polig.	polig.	polig.
888GT	Each	10,40	11,20	15,30	16,40	18,70	19,20	21,10



888GT



Product description as Art. 888GT

Model with flexible heads.

Opening	mm	7x8	9x10	11x12	13x14	15x17	16x18	19x21
Mouths type		hexag.	polig.	polig.	polig.	polig.	polig.	polig.
889G	Each	10,60	11,50	15,60	16,60	19,30	19,70	21,50



889G



889GR GEDORE



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.

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



Prod. SCU

In sturdy sheet steel, reinforced. Clockwise and counter-clockwise 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	Per series	80,62
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889P



Product description as Art. 889L

Model with flexible head.

Set of 5 wrenches Art. 889 G 7x8 - 9x10 - 11x12 - 13x14 - 15x17mm.

In rolling tool bag Art. 2076 GA.

889P	Per series	82,22
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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*	12*	13	14*	15	17	18*	19	21	22	23*	24	26	27
Overall length	mm	150	150	150	150	150	150	205	205	205	255	255	255	255	255	305	305	305
Weight	grams	90	90	90	90	90	90	220	220	220	370	370	370	370	370	480	480	480
890GA	Each	58,20	62,90	58,20	64,10	56,70	58,20	76,50	85,10	78,30	89,10	78,80	80,70	78,80	85,50	98,80	101,00	102,00
Opening	mm	28	30	32	34*	36	41	46	50	55	60	65	70	75	80	85*	90*	
Overall length	mm	305	400	400	500	500	500	635	635	760	760	940	940	960	960	1150	1150	
Weight	grams	480	720	720	1200	1250	1250	2500	2500	3050	3050	5000	5000	5900	5900	10100	10100	
890GA	Each	103,00	137,00	137,00	185,00	180,00	180,00	260,00	260,00	366,00	366,00	566,00	566,00	685,00	683,00	1.230,00	1.230,00	

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	12,70	21,10	12,70	22,40	14,80	12,70	16,60
Opening	mm	15	16*	17	18*	19	21	22
890GB	Each	21,50	22,50	14,70	34,10	16,60	18,30	16,70
Opening	mm	23*	24	26	27	28	30	32
890GB	Each	28,10	22,90	24,60	25,10	26,60	29,10	29,20
Opening	mm	34*	36	41	46	50	55	60
890GB	Each	49,20	33,10	33,10	60,10	60,10	88,10	88,10
Opening	mm	65	70	75	80	85*	90*	
890GB	Each	141,00	141,00	153,00	153,00	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	63,10	63,10	58,50	78,80	78,80	79,50	78,80



891GA



Orig. Gedore - Art. 31 VR

Spare inserts for Art. 891GA.

Opening	mm	8	9	10	12	14	17	19
891GB	Each	17,50	17,50	13,20	15,20	15,20	17,20	16,60



891GB



RATCHETING WRENCHES

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	296,00	296,00	296,00	296,00	296,00	296,00	383,00	393,00	386,00



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	296,00	296,00	296,00	296,00	386,00	386,00	364,00



892GB



Orig. Gedore - Art. 29

In special steel. Clockwise and counter-clockwise operation. Double inserts of different dimensions and tipped end.

Bi-hexagon inserts. Burnished finish.

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	55,40	77,10	77,10	146,00	154,00	232,00



893G



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	108,00	114,00	118,00



893GE



Orig. Peddinghaus-Mob

In special steel, chrome plated. Holed type, quick locking double splined attachment.

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	6,30	7,72	7,72	7,72	8,30	8,30	8,30

Opening	mm	17	18	19
894GA	Each	8,30	8,30	8,30



894GA



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	14,50



894GB



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	11,30
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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	14,50
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894GL

Product description as Art. 894GA

RATCHETS

Lever for right + left 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	62,60

894GP**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	101,00
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STUD SCREW INSERTER**894GR****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	59,20	59,20	60,10	61,20

894GT**Orig. Gedore - Art. 3174**

Product description as Art. 894GR

SDS-plus drive.

Thread Ø	M	6	8	10	12
894GT	Each	61,60	61,60	62,20	62,70

Product running out of stock**BIHEXAGON RING SPANNERS CONVECTOR****895G****Prod. SCU**

In CHROME VANADIUM steel.

Polygonal openings

Chrome finish.

Opening	mm	21x22
Overall length	mm	300
895G	Each	13,10

895GE

Made of 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	30,60

CONVECTOR WRENCHES

Orig. Sturem - Art. 560200

In special steel. Model with stepped sliding bar, 3/8 - 1/2.

895GN Each **32,20**



STUREM

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 **36,80**



STUREM

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 **14,10**



SCU

1/2"

895GP 4

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 **36,40**



SCU

1/2"

895GP 8

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	8,98	11,90	13,90



SCU

895RA

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	11,70	13,60	18,70



SCU

895RB

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 **61,80**



SCU

895RK

Simple lever for wrenches Art. 895 RA and 895 RB. With rubber handle.

Length: 450mm.

895RL Each **12,90**



SCU

895RL

CONVECTOR WRENCHES SETS

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 **56,50**



SCU

896

NUT DRIVERS WITH HANDLE

898A

SCU



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	195	195	195
898A	Each	5,02	5,02	5,02	5,02	6,92	6,92	6,92
Hexagon	mm	10	11	12	13	14		
Overall length	mm	195	195	195	195	195		
898A	Each	6,92	8,46	8,46	8,46	8,46		

898B

SCU



Product description as Art. 898A

Packed in roll-up bag Art. 2076 GB.

Set of 8 wrenches Art. 898 A size 4-5-5-6-7-8-10-13mm.

898B	Per series	58,62
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898C

SCU



In forged steel. With hexagonal opening.

Nickel finish. Plastic handle.

Short pattern.

Hexagon	mm	4	11	14
Overall length	mm	155	170	180
898C	Each	2,76	3,70	4,00

Product running out of stock

898L

SCU



Product description as Art. 898C

Long pattern.

Hexagon	mm	7	9
Overall length	mm	210	210
898L	Each	3,36	3,54

Product running out of stock

899

SCU



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	7,94	7,94	7,94	7,94	7,94	8,52	8,68
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	9,76	10,00	10,30	11,20	11,90		

899GL

GEDORE



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	2,5	5	5,5	6	7	8
Overall length	mm	215	215	215	215	225	225
899GL	Each	13,30	14,00	14,00	14,00	15,10	15,60
Hexagon	mm	9	10	11	12	13	
Overall length	mm	225	225	235	235	235	
899GL	Each	17,10	21,00	23,70	24,70	26,20	

Size mm 2,5 is running out of stock

FLEXIBLE NUT DRIVERS WITH HANDLE

899GM

SCU



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	11,70	12,10	12,60	16,90

NUT "T" DRIVERS WITH HANDLE

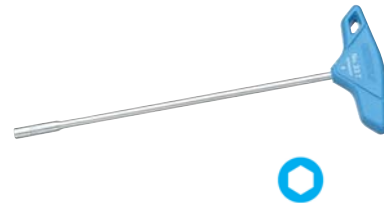
Orig. Gedore - Art. 33 T/2133 T

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*	3,5*	4*	4,5*	5*	5,5	6
Overall length	mm	180	180	180	227,5	227,5	227,5	227,5	227,5
899GT	Each	17,80	17,80	17,80	16,60	16,60	16,60	20,50	20,70
Hexagon	mm	7	8	9	10	11	12	13	14*
Overall length	mm	227,5	227,8	227,5	227,5	268	268	268	269
899GT	Each	21,10	22,10	24,10	24,10	29,20	31,20	32,70	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

Prod. SCU

In CHROME VANADIUM steel.
TORX opening. Chrome plated finish. Plastic handle with hang-up hole.
Blade length: 230mm.

TORX size	E	6	8	10	12	14
For screws DIN 931/6921	M.	5/4	6/5	8/6	10/8	12/10
Mouth depth	mm	10	12	13	17	23
899GZA	Each	16,10	16,10	18,10	18,10	20,10

SCU

899GZA



INTERCHANGEABLE NUT WRENCHES WITH JOINTED BAR IN SETS

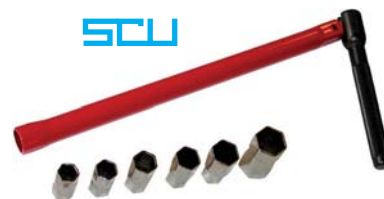
Prod. SCU

With a round body made from sturdy sheet steel, a hinged lever, and a knurled steel based hexagonal spout measuring 13 mm. Complete with 6 hexagonal sockets measuring mm 9-10-11-12-14-17 which can be installed on the hexagonal mouth.

899R	Per series	60,10
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SCU

899R



DOUBLE ENDED SOCKET WRENCHES

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	1,08	1,08	1,08	1,16	1,16	1,16	1,22
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	1,26	1,26	1,48	1,48	1,52	1,58	1,58
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	1,66	1,66	1,84	2,02	2,02	2,16	2,38
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	2,56	2,60	2,38	2,60	2,74	3,06	3,06
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	3,90	4,66	4,76	5,46	7,26	7,84	9,06

SCU

900



For sliding bars see Art. 900 A. Due to wrench manufacturing process, the bar Ø could slightly vary.

STEPPED TOMMY BARS

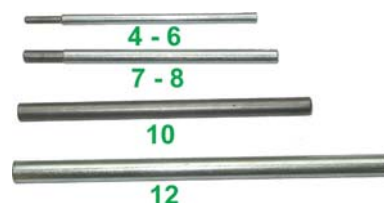
Prod. SCU

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	0,88	1,04	1,22	1,66

SCU

900A



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 Per series **21,66**

DOUBLE ENDED SOCKET WRENCHES

900G GEDORE



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	6,24	6	8	8
900G	Each	5,36	5,18	5,46	6,24	6,32	7,18	7,30
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	7,22	7,32	7,30	8,00	9,32	7,80	9,82
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	9,26	12,50	12,50	12,90	13,10	13,30	13,60
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	14,60	14,60	15,20	17,20	18,40	18,40	23,20
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	22,90	27,10	30,60	92,30	112,00		

For levers see Art. 902 GB/GC/GD/GE.

STEPPED TOMMY BARS

902GB GEDORE



5 - 6

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 **7,10**

902GC GEDORE



8 - 10

Product description as Art. 902GB

2-stepped sliding bar Ø 8-10mm.

902GC Each **9,80**

902GD GEDORE



12 - 14 - 16

Product description as Art. 902GB

3-stepped sliding bar Ø 12-14-16mm.

902GD Each **8,76**

902GE GEDORE



Product description as Art. 902GB

Cylindrical type.

Ø	mm	5	6	8	10	12	14	16
902GE	Each	3,76	3,94	4,80	6,14	7,62	11,50	17,00
Ø	mm	18	20					
902GE	Each	26,90	41,20					

Size mm 5 is running out of stock

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.

Supplied in cardboard packaging.

903G 8 Per series **105,00**

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.

Supplied in cardboard packaging.

903G 12 Per series **168,00**

GEDORE

903G 8
903G 12



3

DOUBLE ENDED SOCKET WRENCHES

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	13,60	13,80	14,60	17,20	19,00	22,40	24,40

Opening	mm	20x22	24x27	30x32
Overall length	mm	170	195	210
Bore for levers Ø	mm	10	12	13,5
907G	Each	28,70	44,10	50,90

SCU

907G



STEPPED TOMMY BARS

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 **11,50**

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 **15,60**

SCU

907GB



SCU

907GC



DOUBLE ENDED SOCKET WRENCHES SETS

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. Supplied in tool bag.

908G 8 Per series **140,00**

SCU

908G 8



DOUBLE ENDED SOCKET WRENCHES

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	11,30	11,10	11,90	13,30	17,30	19,50	22,30	22,30

Opening	mm	19x22	20x22	21x24	24x26	24x27	30x32	32x36
Overall length	mm	175	175	185	195	195	210	225
Bore for levers Ø	mm	9	9	12	12	12	14	16,5
909GE	Each	26,60	24,10	72,30	41,20	32,60	58,20	73,60

GEDORE

909GE



As for Tommy bars see Art. 909 GL
Size mm 21x24 is running out of stock

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 4,46	5,96	8,76

DOUBLE ENDED SOCKET WRENCHES SETS

909GS 8



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.

Supplied in cardboard packaging.

909GS 8 Per series **146,00**

DOUBLE ENDED SOCKET WRENCHES

909GSA



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	50,00	50,60	51,70	32,50	51,70	51,70	54,10

Sizes mm 28x33 and 32x38 are running out of stock

sliding bar length: 630mm, Ø 18mm (for all dimensions).

O909GSB Each **27,20**

NUT DRIVERS WITH HANDLES

909GSE



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	3	4	17	18	20
909GSE	Each	6,66	6,66	11,90	13,80	15,30

909GSL *new*



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	10
Bore for levers Ø	mm	-	-	-	-	3,2	3,2	6,2	6,2	6,2
Overall length	mm	220	220	220	220	220	220	220	220	230
909GSL	Each	17,70	17,70	18,10	18,10	19,60	19,60	19,60	20,90	22,90
Mouth opening	mm	11	12	13	14	15	16	17		
Bore for levers Ø	mm	6,2	8,2	8,2	8,2	8,2	8,2	8,2		
Overall length	mm	230	230	230	230	240	240	240		
909GSL	Each	22,90	25,30	25,30	27,20	31,50	31,50	31,50		

NUT DRIVERS WITH HANDLES SETS

909GSP *new*



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 Per series **156,50**

DOUBLE ENDED SOCKET WRENCHES

Prod. SCU

Bent type. In steel tubing. Double ended, hexagonal. Nickel finish.

Without sliding bar.

Opening	mm	6	7	8	9	10	11	12
Bore for levers Ø	mm	4,2	4,2	5,2	5,2	5,2	6,2	6,2
909T	Each	1,08	1,08	1,22	1,22	1,34	1,34	1,66
Opening	mm	13	14	15	16	17	18	19
Bore for levers Ø	mm	6,2	6,2	6,4	6,9	7,2	7,2	7,2
909T	Each	1,66	1,80	1,80	2,02	2,02	2,20	2,20
Opening	mm	20	21	22	23	24	26	
Bore for levers Ø	mm	7,2	7,2	7,2	10,2	9,2	10,5	
909T	Each	2,70	2,70	2,70	4,40	4,58	4,88	

SCU

909T



3

For sliding bars see Art. 900 A. Due to wrench manufacturing process, the bar Ø could slightly vary. Size mm 26 is running out of stock

DOUBLE ENDED SOCKET WRENCHES BEND TO 90°

Orig. Gedore - Art. 25 PK

Bent, heavy type with bore.

In CHROME VANADIUM steel.

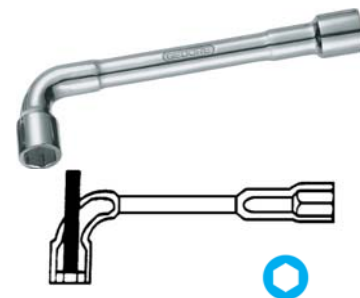
Suitable for box nuts and protruding nuts. To be used also with extension tube to increase clamping strength.

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	6,14	6,18	5,62	5,48	5,48	6,18	7,24	7,54
Opening	mm	14	15	16	17	18	19	21	22
Overall length	mm	160	170	178	187	195	205	212	225
909Z	Each	8,16	9,26	11,00	11,50	11,90	12,90	16,20	16,20
Opening	mm	24	27	30	32	34	36		
Overall length	mm	250	280	310	330	340	355		
909Z	Each	21,50	27,80	36,70	36,70	41,40	46,10		

GEDORE

909Z



DOUBLE ENDED SOCKET WRENCHES BEND TO 90° SETS

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	Per series	80,88
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GEDORE

909ZE



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	Per series	147,18
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GEDORE

909ZF



OFFSET SOCKET WRENCHES

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	19,20	20,20	25,40	30,80	39,10	44,60	52,10
Opening	mm	30	32*	36	46*	50*	55*	60*
Overall length	mm	420	450	500	630	630	670	670
910G	Each	67,20	72,40	108,00	170,00	209,00	236,00	289,00

GEDORE

910G



* Sizes running out of stock

911G 

Orig. Gedore - Art. 25 V

With deep square openings.
In CHROME VANADIUM steel. Sturdy head model.
Suitable also for box nuts and protruding nuts.
Chrome plated finish.

Opening	mm	8	9	10	12	13	14	17
Overall length	mm	150	160	175	215	230	240	280
911G	Each	18,60	21,40	21,60	21,80	22,80	23,90	34,20


OFFSET SOCKET WRENCHES
911GL 

Prod. SCU

According to DIN 248.
In special forged and hardened steel.
Burnished finish.

Opening	mm	8	10	12	13	14	17	19
Overall length	mm	160	195	235	250	270	315	345
911GL	Each	43,80	46,40	49,50	57,20	57,50	85,60	93,30

Opening	mm	22	24
Overall length	mm	385	415
911GL	Each	127,00	135,00

SQUARE SOCKET WRENCHES
911GM 

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	4,64	4,64	4,64	14,10	8,40

OFFET CROSS SOCKET WRENCHES
911GP 

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	21,20	25,90	31,20	42,50

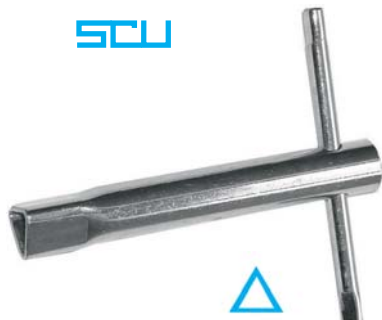
SQUARE SOCKET WRENCHES, MALES
911GS 

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	24,10	24,10	24,10	28,80	27,40	29,20	34,20
Square side	mm	11	12	13	14	17	19	22
Overall height	mm	100	100	100	120	160	200	200
911GS	Each	34,70	37,50	38,70	45,70	76,70	90,90	176,00

For "T"-type with female square outlet, see Art. 919 L.

TRIANGULAR SOCKET WRENCHES
911Z 

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
Overall length	mm	90	100	112	125	140	160	170
911Z	Each	6,08	7,34	7,82	8,52	10,60	11,60	16,90
For screws	M.	20						
Overall length	mm	200						
911Z	Each	9,36						

Size M. 20 is running out of stock

SOCKET HEAD SCREW WRENCHES

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
Overall length	mm	63	75	86	98	110	124	139
912G	Each	5,08	5,90	6,90	8,80	12,40	14,10	20,20
For screws	M	16	18					
Overall length	mm	156	178					
912G	Each	30,50	39,60					

T-wrenches for XZN screws: see Witte range of products.



912G



3

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	6,28	7,28	9,64	13,50	15,20	21,60



912GB



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	2,56	2,56	2,56	1,86	1,86	1,96	2,06	2,26
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	2,46	2,74	3,14	3,52	4,30	6,06	8,32	



912GP



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	6,94	6,94	6,94	7,00	7,22	7,32	8,02	8,40
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	9,04	9,04	10,60	12,10	13,40	19,30	24,50	



912GS



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	3,24	3,24	3,24	3,24	3,44	3,62	3,82
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	3,92	4,22	4,50	5,18	6,16	7,04	



912GS 1



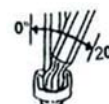
For TORX screws. Sandblasted finish.

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	4,50	4,90	5,10	5,28	5,58	5,88	5,98
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	7,46	8,02	8,80	12,10	15,10		



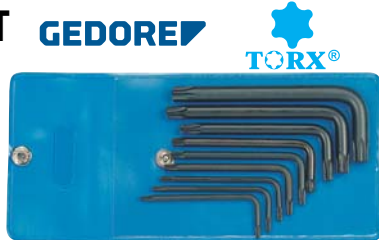
912GSA



912GSE 


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	3,44	3,44	3,52	3,52	3,72	3,82	3,88	4,22

SOCKET HEAD SCREW WRENCHES SETS
912GT 


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 Per series **74,80**

912GT 8 


Prod. SCU

Set of 8 pcs. Art. 912 GP T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.

In plastic wallet.

912GT 8 Per series **23,60**

912GT 9 


Set of 8 pcs. Art. 912 GSE T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.

In plastic wallet.

912GT 9 Per series **27,50**


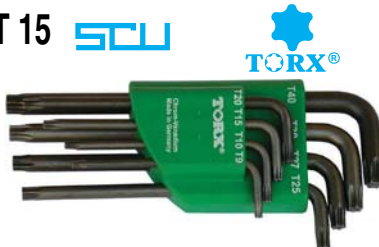
912GT 12 


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 Per series **75,80**

912GT 15 


Prod. SCU

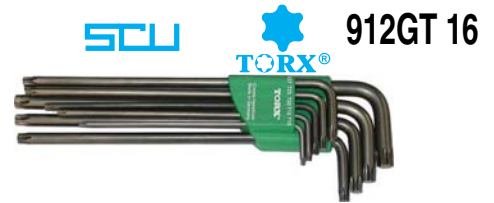
Set of 8 pcs. Art. 912 GP T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.

In plastic holder.

912GT 15 Per series **23,30**

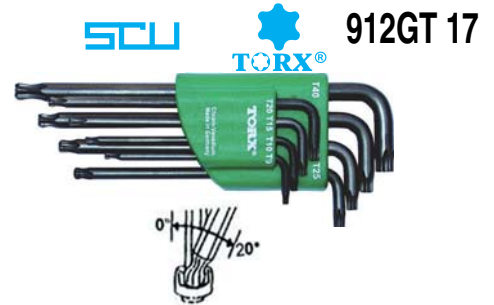
Set of 9 pcs. Art. 912 GS 1 T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50.
In plastic holder.

912GT 16 Per series **45,60**



Set of 8 pcs. Art. 912 GSA T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
In plastic holder.

912GT 17 Per series **47,70**



Set of 8 pcs. Art. 912 GSE T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
In plastic holder.

912GT 18 Per series **33,10**



Set of 8 pcs. Art. 912 GP T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
In ring holder-

912GT 20 Per series **22,60**



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 Per series **21,70**



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 with hole (Tamper-TORX).

912GVE Per series **25,60**



SOCKET HEAD SCREW WRENCHES

Prod. SCU

In CHROME VANADIUM steel. For TORX screws.

Plastic side handgrip. 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	3,62	3,62	3,62	3,62	3,34	3,34	3,52	3,72



912GZE



Made from 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	5,48	5,48	5,48	5,48	5,00	5,00	5,28	5,58

912GZF



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	5,48	5,48	5,48	5,28	5,58	5,68	5,78

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	5,88	6,16	6,46	7,14	8,80

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

912GZR



Made from 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	6,66	6,26	6,36	6,46	6,66	6,86	7,04

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	7,04	7,64	9,32	10,80	12,90	15,50

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

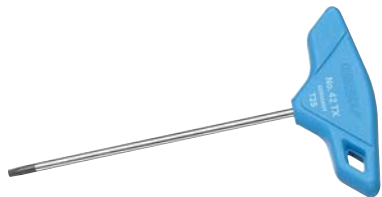
912GZS



Made from 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	9,40	9,58	9,68	9,98	10,30	10,60	10,60	11,50

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	8,80	8,80	8,80	8,80	9,80	9,80	9,80

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	9,80	10,90	10,90	11,50	14,10	17,20	20,10

When stocks will be run out, the wrenches will be supplied with handles in bi-component material with hole.

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	7,44	7,44	7,54	7,74	7,92	8,12	8,12
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	8,70	13,40	14,40				

SCU



913GD



3

Orig. Gedore - Art. DT 43 KTX

Made from CHROME-VANADIUM steel. For TORX screw attachments.

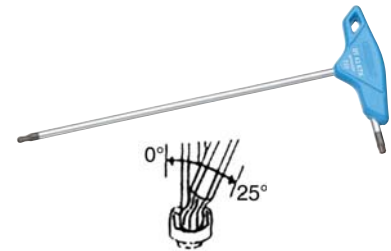
Model is combined with ball end which can be used when tilted at up to 25°, while the other end can be used for routine operations. "T" shaped handle with hole, chrome plated and burnished blade.

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	18,90	20,70	20,70	24,30	24,30	24,30	24,30

GEDORE



913GD 3



When stocks will be run out, the wrenches will be supplied with handles in bi-component material with hole.

Orig. Gedore - Art. ITX 34

In CHROME-MOLYBDENUM steel.

Double end Torx swivel 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

GEDORE



913GDA



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	40	45
For threads	M.	3	3-3,5	3,5-4	4-5	4,5-5	4,5-5-6	6-7	7-8	8-10
Seal	mm	2,50	2,74	3,27	3,86	4,43	4,99	5,52	6,65	7,82
Overall length	mm	150	170	170	200	200	215	225	240	240
913GDB	Each	5,98	6,16	6,26	6,36	6,46	6,76	6,94	7,64	19,60

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

SCU



913GDB



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	Per series	72,70
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SCU

913GDL



913GDP



Product description as Art. 913GDL

Set of 8 wrenches Art. 913 GD by T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.

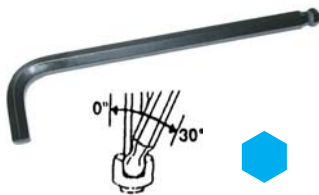
With metal support, for workbench.

913GDP Per series 80,10

3

ALLEN HEAD SCREW WRENCHES

913GE



Prod. SCU

In CHROME VANADIUM steel.

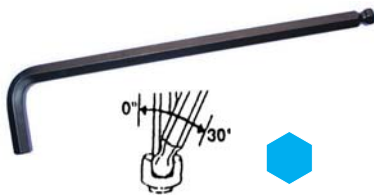
Model with a spherical head giving a working angle up to 30° and a head to perform normal working tasks.

Sandblasted/burnished finish.

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	1,00	1,02	1,10	1,16	1,54	1,76
Hexagon	mm	6	8	10	12	14	17
Overall length	mm	156	178	200	226	290	330
913GE	Each	2,26	3,68	5,10	8,38	18,70	32,60
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	0,98	1,00	1,02	1,10	1,14	1,16
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	1,34	1,54	1,76	2,00	2,26	3,68

913GF



Long patter.

In CHROME-VANADIUM steel.

Model with a spherical head giving a working angle up to 30° and a head to perform normal working tasks

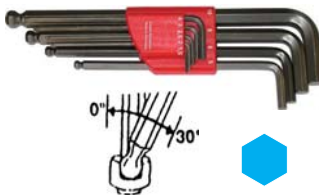
Sandblasted finish.

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	1,18	1,18	1,28	1,34	1,78	2,06
Hexagon	mm	6	7	8	10	12	
Overall length	mm	186	197	208	234	262	
913GF	Each	2,64	4,02	4,22	5,82	9,32	

ALLEN HEAD SCREW WRENCHES SETS

913GF 9



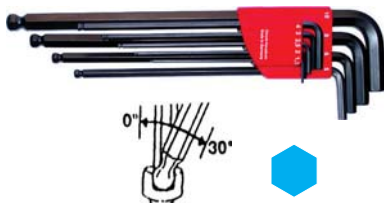
Prod. SCU

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 Per series 22,70

913GFA



Set of 9 pcs. Art. 913 GF. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.

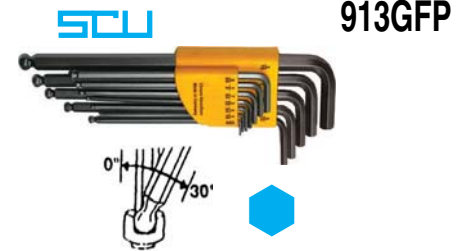
Supplied in a plastic holder

913GFA Per series 25,80

Serie di 12 pcs. Art. 913 GE da
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 Per series **23,50**



ALLEN HEAD SCREW WRENCHES

Orig. Gedore - Art. 42 KEL

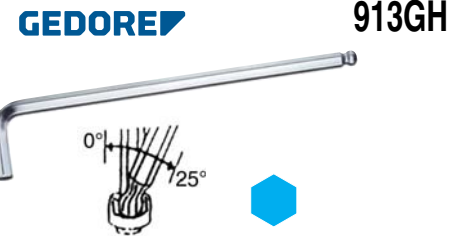
LONG type. Made from CHROME-VANADIUM steel.

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	4,30	4,30	4,30	4,30	5,04	5,66	7,04

Hexagon	mm	7	8	10	12
Overall length	mm	195	208	234	262
913GH	Each	10,30	10,30	13,30	17,10



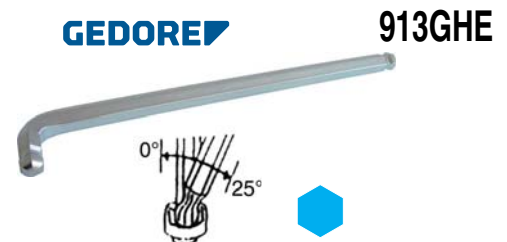
Orig. Gedore - Art. 42 DKEL

LONG type. Made of 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	5,28	5,28	5,28	5,28	6,18	6,96	8,66

Hexagon	mm	7	8	10
Overall length	mm	197	205	227
913GHE	Each	12,60	12,60	16,40



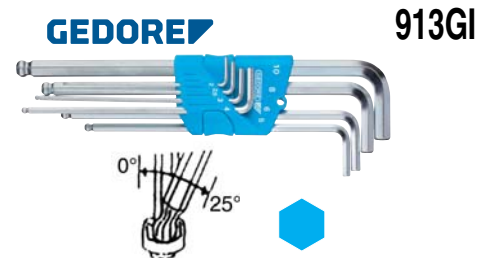
ALLEN HEAD SCREW WRENCHES SETS

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 Per series **42,50**

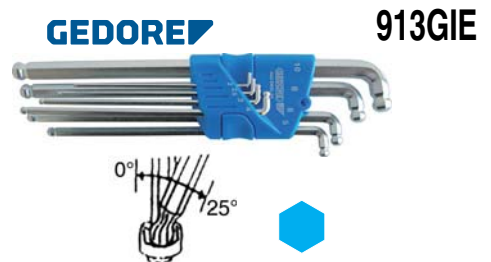


Orig. Gedore - Art. H42 DKEL-88

Set of 8 pcs. Art. 913 GHE mm 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10.

In plastic holder.

913GIE Per series **63,30**

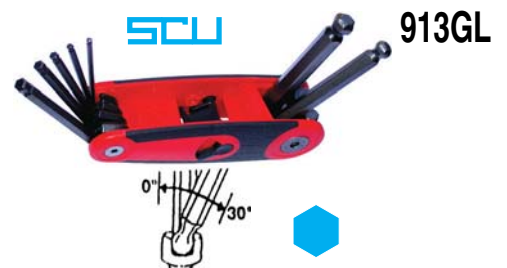


Prod. SCU

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 Per series **26,10**



ALLEN HEAD SCREW WRENCHES

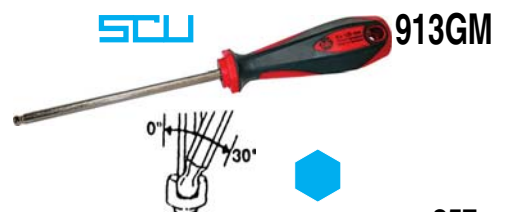
Prod. SCU

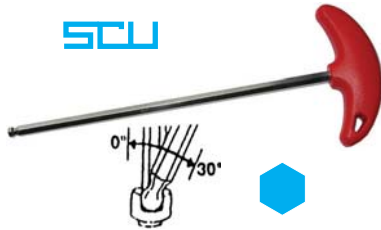
In CHROME VANADIUM steel.

Model with a spherical head giving a working angle up to 30°.

Screwdriver grip in dual component material. Hang-up hole, Nickel finish.

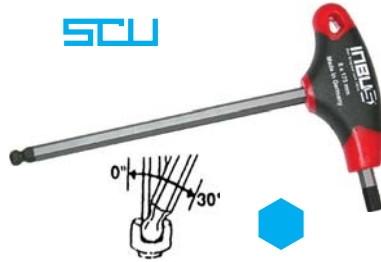
Hexagon	mm	2	2,5	3	4	5	6	8	10
Overall length	mm	190	190	190	200	200	235	260	270
913GM	Each	4,22	4,30	4,40	4,70	5,30	6,18	8,22	11,10



913GP**SCU**

Model with spherical head giving a working angle up to 30°. "T" handle with hang-up hole. CHROME VANADIUM nickel finish.

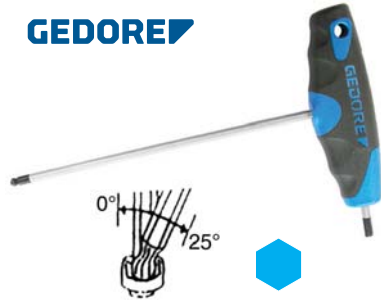
Hexagon	mm	3	4	5	6	8	10
Overall length	mm	125	175	182	232	232	239
913GP	Each	3,52	4,50	5,00	5,88	7,92	13,10

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.

Bicomponent "T" handle, holed. Nickel finish.

Hexagon	mm	3	4	5	6	8	10
Overall length	mm	151	151	184	184	218	218
913GR	Each	5,84	6,32	6,90	7,62	9,18	14,60

913GS*new***GEDORE**

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.

Bicomponent "T" handle, holed. Chrome plated.

Hexagon	mm	2	2,5	3	4	5	6	7
Overall length	mm	152	152	152	152	177	188	213
913GS	Each	9,08	9,30	9,72	10,70	11,20	14,30	13,40
Hexagon	mm	8	10					
Overall length	mm	213	238					
913GS	Each	14,80	23,60					

ALLEN HEAD SCREW WRENCHES SETS**913GT****SCU**

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.

Bicomponent "T" handle, holed. Nickel finish.

Set of 6 wrenches Art. 913 GR 3 - 4 - 5 - 6 - 8 - 10mm.

In rolling tool bag Art. 2076 GB.

913GT	Per series	59,78
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913GV**SCU**

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	Per series	64,10
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Size mm 2 and 2,5 have both the extremity for normal use (Art. 915 GC).

ALLEN HEAD WRENCHES WITH HOLES**913GZ****SCU**

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	0,72	0,80	1,00	1,60	2,42	4,02
Hexagon	mm	14	17					
Overall length	mm	140	160					
913GZ	Each	6,82	13,30					

ALLEN HEAD WRENCHES WITH SECURITY PINS
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	1,86	2,26	2,36	2,56	2,74	3,24

913GZA

ALLEN HEAD SCREW WRENCHES
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	0,14	0,16	0,18	0,20	0,32	0,44
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	0,50	0,80	1,02	1,46	1,80	2,50	3,88	6,50
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	9,38	15,50	20,10	27,80	40,40	49,90	72,80	

914

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	4
Overall length	mm	33	33	41	46,5	52	58,5	66	74
For screws Ø	mm	-	-	-	2	2,5	3	4	5
914G	Each	0,94	0,94	0,78	0,78	0,80	0,80	1,18	1,58
Hexagon	mm	5	5,5	6	7	8	9	10	12
Overall length	mm	85	85	96	102	108	114	122	137
For screws Ø	mm	6	-	8	9	10	11	12	14
914G	Each	1,58	1,84	1,66	2,16	2,70	3,34	4,22	6,20
Hexagon	mm	14	17	19	22	24	27	30	32
Overall length	mm	154	177	199	222	248	277	315	347
For screws Ø	mm	16-18	20-22	24-27	30	33	36	-	48
914G	Each	11,70	17,40	20,60	29,80	36,90	51,70	80,70	113,00

914G


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	0,76	0,76	0,80	0,80	0,92	1,42	1,82	1,84
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	1,82	2,44	3,74	6,68	11,40	13,80	20,70	

914GA

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	0,12	0,14	0,16	0,28	
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	0,32	0,44	0,56	1,12	1,94	3,54	4,20	
Hexagon	inch	5/8	3/4	1					
Hexagon	mm	15,88	19,05	25,4					
914GAP	Each	6,06	10,50	28,50					

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	10	12	14
Overall length	mm	102	114,5	129	144	165	186	208	234	262	294
For screws Ø	mm	2,5	3	4	5	6	8	10	12	14	16-18
914GB	Each	1,72	1,72	2,20	2,52	3,30	4,18	6,02	10,50	14,50	21,50

914GB


914GBA 
**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	0,46	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	2,08	3,42	5,02	8,12	14,40	18,20	

914GBP 


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	0,46	0,46	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	2,08	2,62	3,42	4,02
Hexagon	inch	1/2	9/16	5/8	3/4			
Overall length	mm	293	294	360	360			
914GBP	Each	6,22	8,12	13,20	18,20			

ALLEN HEAD SCREW WRENCHES SETS
914GC 7 
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 Per series **2,84**

Set of 9 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.

Supplied in plastic bag.

914GC 9 Per series **5,96**

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 Per series **7,12**

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 Per series **7,92**

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 Per series **70,60**
914GD 7 
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 Per series **12,10****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 Per series **36,40****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 Per series **19,10****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 Per series **22,44****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 Per series **11,30****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.

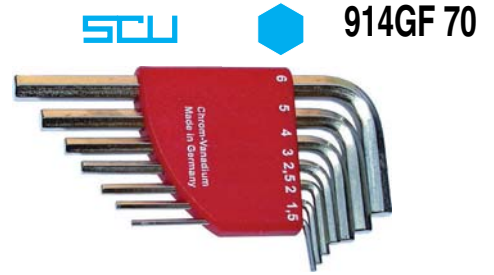
Supplied in plastic bags.

914GF 9 Per series **18,20**

Prod. SCU

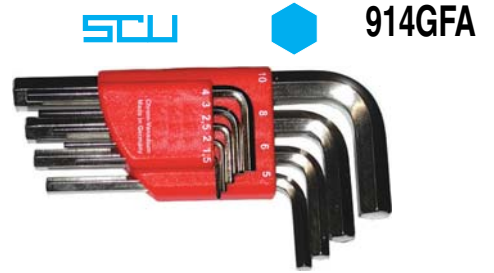
Set of 7 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6mm.
Supplied in a plastic holder.

914GF 70 Per series **5,02**



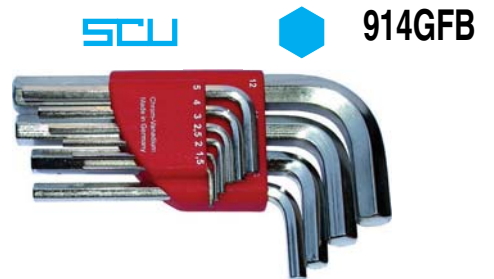
Set of 9 pcs. Art. 914. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in a plastic holder.

914GFA Per series **9,12**



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 Per series **14,30**



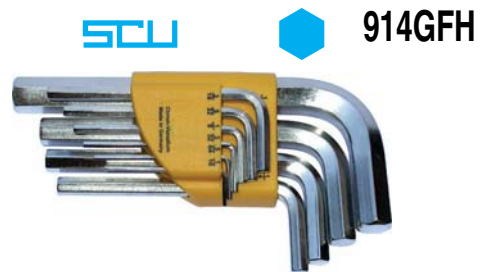
Set of 9 pcs Art. 914 GAP. Inch sizes: 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 1/4 - 5/16 - 3/8.
Supplied in a plastic holder.

914GFE Per series **9,62**



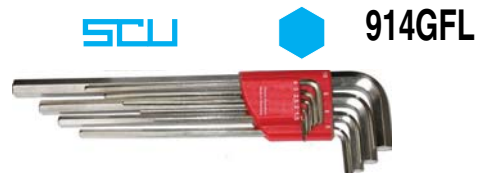
Set of 10 pcs. Art. 914 GAP. Inch sizes: 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 1/4 - 5/16 - 3/8-1/2.
Supplied in a plastic holder.

914GFH Per series **14,30**



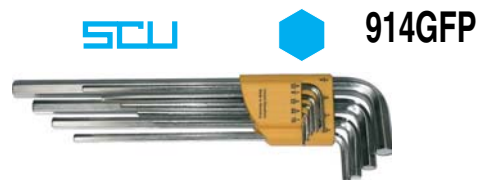
Set of 9 pcs. Art. 914 GBA. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
Supplied in a plastic holder.

914GFL Per series **17,60**



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 Per series **16,30**



**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 Per series **17,30****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 Per series **19,50****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 Per series **15,50****Orig. Gedore - Art. H 42 EL-88**

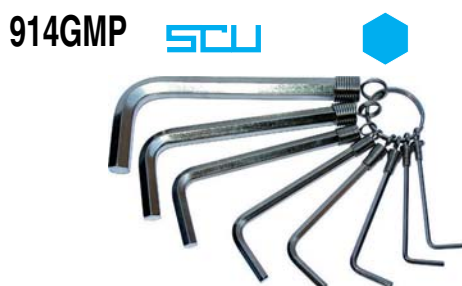
Set of 8 pcs. Art. 914 GB. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm. Supplied in a plastic holder.

914GH 3 Per series **36,10****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 Per series **13,80****Prod. SCU**

Set of 8 pcs. Art. 914. Dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm. With ring holder.

914GM 8 Per series **4,82**

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 Per series **9,18****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 Per series **28,90****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 Per series **30,30**

Prod. SCU

CHROME-VANADIUM steel blades. With robust pocket holder in dual component material.
Set of 7 burnished blades. Dimensions: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6mm.

914GS Per series **13,80**

SCU



914GS



Product description as Art. 914GS

Set of 7 burnished blades. Dimensions: 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.

914GT Per series **18,20**

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 Per series **18,20**

SCU



914GT
914GTP



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	3,12	2,56	2,74	2,74	2,94	3,64	4,70

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	3,24	3,34	3,34	3,44	4,42	4,62	5,60

Hexagon	mm	8	10	12	14
Blade length	mm	200	200	200	300
Overall length	mm	232	239	239	339
914GZ	Each	5,50	9,60	12,60	16,20

SCU



914GZ



Orig. Gedore - Art. 42 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	8,52	8,66	8,80	10,00	10,80	11,80	13,20

Hexagon	mm	8	10
Blade length	mm	175	200
Overall length	mm	213	238
915GA	Each	14,60	23,60

GEDORE



915GA



Prod. SCU

Made from CHROME-VANADIUM steel.

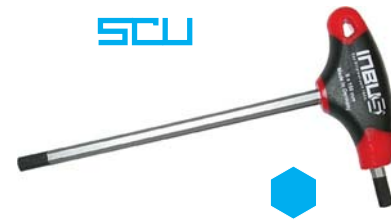
Double headed model. "T" handle made from bi-component material, nickel plated finish.

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	5,74	5,84	5,54	6,02	6,60	7,12	8,48	13,60

SCU



915GC



ALLEN HEAD SCREW WRENCHES SETS
915GEL SCU

Prod. SCU

In CHROME VANADIUM steel.
Double headed model. Bicomponent T-handle, nickel plated finish.
Set of 8 wrenches Art. 915 GC 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10mm.
In rolling tool bag Art. 2076 GBB.

915GEL Per series **68,62**

915GEP SCU


Product description as Art. 915GEL

Set of 7 wrenches Art. 915 GC 2 - 2.5 - 3 - 4 - 5 - 6 - 8mm.
With metal support, for workbench.

915GEP Per series **62,20**

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	58,90	56,50	64,10	81,70	96,10

DRAIN PLUG SPANNERS
915GP GEDORE

Orig. Gedore - Art. 299

Made from 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 **34,30**

SPARK PLUG SPANNERS
915GS carolus
by GEDORE

Orig. Carolus - Art. 5180.16

In special steel, hardened. Chrome plated finish.
Length: 63mm. 1/2" square drive. Magnetic system for retaining the spark plug.

Opening	mm	16
915GS	Each	10,50

915GV carolus
by GEDORE

Orig. Carolus - Art. 5180.21

In special steel, hardened. Chrome plated finish.
Length: 70mm. 1/2" square drive. Magnetic system for retaining the spark plug.

Opening	mm	21
915GV	Each	11,60

Prod. SCU

Steel model. Nickel finish. Commercial quality.

Opening	mm	16	19	21
916L	Each	1,36	1,44	1,44

SCU

916L



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	28,70

GEDORE

917GT



Prod. SCU

Standard model. In steel. With jointed socket.

T-handle, plastic coated.

Opening	mm	21
Overall length	mm	230
917N	Each	6,26

SCU

917N



CHROME VANADIUM steel. Chrome plated finish.
Double cardan joint and ring for retaining the spark plug.

Art.	918A	918B	
Opening	mm	16	20,8
Overall length	mm	480	480
Each	35,60	37,10	

SCU

918A
918B



SOCKET WRENCHES WITH TOMMY BAR

Prod. SCU

Short type.

Made from 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	3,66	3,66	3,66	4,02	4,02	4,16	4,16
Opening	mm	11	12	13	14			
Overall length	mm	125	142	156	170			
919	Each	4,42	4,42	4,72	4,72			

SCU

919



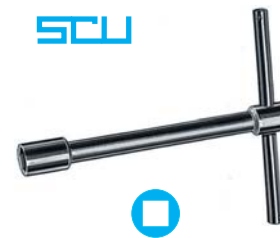
Product description as Art. 919

Square open ended.

Opening	mm	4	5	6	7	8	9	10
Overall length	mm	50	60	70	80	90	100	112
919L	Each	3,66	3,66	3,66	4,02	4,02	4,16	4,16
Opening	mm	11	12	13	14			
Overall length	mm	125	142	156	170			
919L	Each	4,42	4,42	4,72	4,72			

SCU

919L



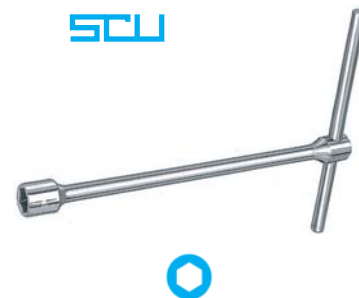
Hexagonal open end. Sliding handle.

In CHROME VANADIUM steel. Chrome plated finish.

Opening	mm	6	7	8	9	10	11	12
Overall length	mm	215	215	230	230	240	260	260
920	Each	11,90	11,90	11,90	11,90	16,10	16,10	18,70
Opening	mm	13	14	15	16	17	18	19
Overall length	mm	260	280	280	280	280	280	300
920	Each	18,70	22,10	22,10	27,20	26,10	27,50	27,90
Opening	mm	21	22	24				
Overall length	mm	300	310	315				
920	Each	23,60	33,10	39,10				

SCU

920



Size mm 21 is running out of stock

920GC 

Orig. Gedore - Art. DS 35 A

In CHROME VANADIUM steel.

Extra sturdy model with sliding and lockable handle.

Wide hexagonal opening. Phosphated finish.

Short pattern.

Opening	mm	14	17	22	24	27
Overall length	mm	140	145	185	205	215
920GC	Each	34,60	44,50	64,50	67,10	77,50
Opening	mm	30	36	46		
Overall length	mm	225	260	290		
920GC	Each	89,10	118,00	181,00		

Product running out of stock
920GL 

Orig. Gedore - Art. DS 35 B

Product description as Art. 920GC

Long pattern.

Opening	mm	10	13	18	19
Overall length	mm	200	235	270	295
920GL	Each	40,30	42,30	51,10	54,40
Opening	mm	21	22	27	
Overall length	mm	305	315	390	
920GL	Each	78,60	82,70	85,80	

Product running out of stock
921GC 

Orig. Gedore - Art. DSV 35 A

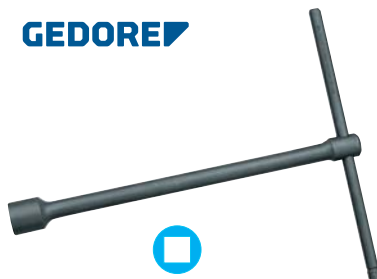
In CHROME VANADIUM steel.

Extra sturdy model with sliding and lockable handle.

Wide square opening. Phosphated finish.

Short pattern.

Opening	mm	8	9	10	11	13
Overall length	mm	80	100	100	100	100
921GC	Each	34,70	36,70	39,90	47,10	57,40

Product running out of stock
921GL 

Orig. Gedore - Art. DSV 35 B

Product description as Art. 921GC

Long pattern.

Opening	mm	22
Overall length	mm	320
921GL	Each	104,00

ALLEN HEAD WRENCHES "T" TYPE
921GLE 

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	22,20	22,20	23,10	25,90	32,10	38,50

921M 

Prod. SCU

High quality model.

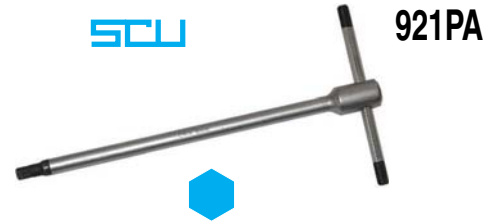
In CHROME VANADIUM steel. Pinned rod for high torque values.

Three-headed model. Chrome plated finish. Burnished heads up to 6mm.

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	13,70	13,70	13,70	14,30	16,20	17,10	16,20
Hexagon	mm	6	7	8	9	10	12	14
Length x width	mm	210x105	210x105	245x125	275x140	295x150	322x160	334x170
921M	Each	17,60	18,30	20,10	26,10	26,10	32,30	38,80

Model with optimal quality/price ratio.
In CHROME-VANADIUM steel. Round rod and hexagonal arm.
Three-headed model. Chrome-plated finish. Burnished heads.

Hexagon	mm	2	2,5	3	4	5	6	8
Length x width	mm	130x65	130x65	130x65	180x90	180x90	210x105	250x125
921PA	Each	9,72	9,72	9,88	10,30	10,50	12,10	17,20
Hexagon	mm	10	12	14				
Length x width	mm	300x145	320x160	340x170				
921PA	Each	21,40	24,70	27,70				



SOCKET HEAD SCREW WRENCHES "T" TYPE

Prod. SCU

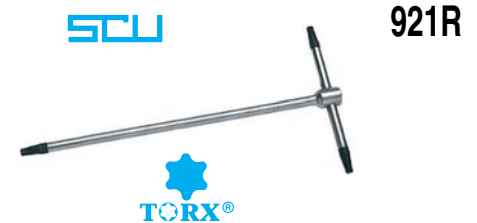
Excellent quality model to price ration.
Made from CHROME-VANADIUM steel. Long, round stem and short, slideable hexagonal rod.
3 head model which can be used with interior TORX head screws. Chrome finish. Burnished heads.

For TORX screws	T	6	7	8	9	10	15	20
Length x width	mm	123x65	123x65	123x65	126x65	126x65	126x65	126x65
921PL	Each	10,90	10,90	10,90	10,90	10,90	10,90	10,90
For TORX screws	T	25	27	30	40	45		
Length x width	mm	180x90	180x90	180x90	210x105	210x105		
921PL	Each	12,80	12,80	12,80	16,10	16,10		



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	13,90	13,90	13,90	13,90	12,90	12,90	12,90
For TORX screws	T	25	27	30	40	45		
Length x width	mm	180x90	180x90	180x90	210x105	210x105		
921R	Each	13,80	13,80	13,80	16,40	16,40		



COMBINATED WRENCHES "T" TYPE

Prod. SCU

High quality model.
Made from 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	62,80
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SWIVEL SOCKET WRENCHES WITH TOMMY BAR

Orig. Peddighaus

Made from special steel. Sliding handle.
Universal joint, clutch. Chrome plated.
Hexagonal sockets. Total length 500mm.

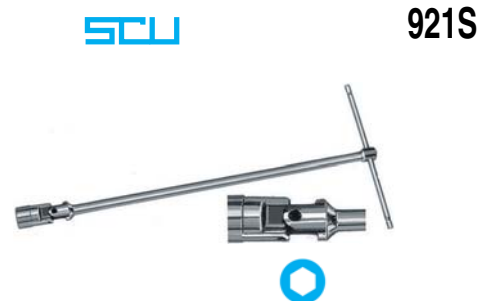
Hexagon	mm	8	9	10	11	12	13
Max tightening value	Nm	16,6	23	31	40,4	51,5	64,5
Supplier code		9078080001	9078090001	9078100001	9078110001	9078120001	9078130001
921RT	Each	22,10	24,20	25,50	25,50	25,50	25,50
Hexagon	mm	14	15	16	17	18	19
Max tightening value	Nm	79,4	96,2	115	134	160	186
Supplier code		9078140001	9078150001	9078160001	9078170001	9078180001	9078190001
921RT	Each	25,40	26,50	26,50	28,70	31,10	31,10



Prod. SCU

High quality type, for high torques.
Made from 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	26,90	26,90	26,90	26,90	31,60	31,60	31,60
Hexagon	mm	13	14	15	16	17	18	19
Overall length	mm	450	450	475	475	475	475	510
921S	Each	31,90	31,90	35,60	35,60	35,60	35,60	44,50
Hexagon	mm	20	21	22	24			
Overall length	mm	510	510	510	510			
921S	Each	44,50	44,50	44,80	44,30			



SWIVEL SOCKET WRENCHES WITH TORX

921T

GEDORE



Orig. Gedore - Art. TX24

High quality type.
Made from CHROME-VANADIUM steel. Sliding handle.
Double cardan joint with clutch. Chrome finish.
Type for external TORX screws.

TORX size	E	18	20
Seal	mm	16,6	18,4
Overall length	mm	450	450
921T	Each	43,60	43,60

Product running out of stock

LONG SWIVEL JOINTS TOMMY BAR

922A

SCU



Prod. SCU

High quality type.
Made from 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	29,80	34,90	44,50

LONG SWIVEL JOINTS TOMMY BAR FOR BITS

922C

SCU



Prod. SCU

High quality type.
Made from 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	40,80
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ALLEN HEAD SWIVEL WRENCHES WITH TOMMY BAR

922E

SCU



Prod. SCU

High quality type.
Made from 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	26,80	26,80	26,80	32,20	32,20	37,80

TORX HEAD SWIVEL WRENCHES WITH TOMMY BAR

922L

SCU



Prod. SCU

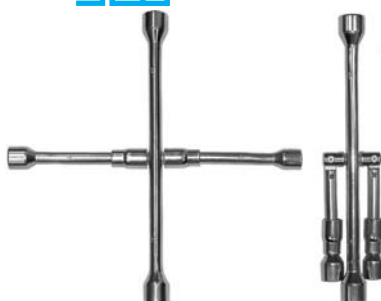
Made from CHROME-VANADIUM steel.
Slideable handle. Double cardan joint with clutch. Chrome finish.

For TORX screws	T	20	25	27	30	40	45	50
Overall length	mm	395	395	395	400	400	425	440
922L	Each	26,80	26,80	26,80	26,80	31,30	31,30	33,10
For TORX screws	T	55						
Overall length	mm	440						
922L	Each	33,10						

CROSS WRENCHES

923G

SCU



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	75,30

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	58,60
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GEDORE

924GA



Orig. Gedore

Product description as Art. 924GA

Art.		924GB	924GC
Opening	mm	19-22-24-27	24-27-32-38
Overall length	mm	600	750
Weight	Kg	2,200	5,100
Supplier code		28 CU	28 L
Each		106,00	157,00

Product 924GC running out of stock

GEDORE

924GB
924GC



Orig. Carolus - Art. 0400.00

In CHROME VANADIUM steel.
Laquered finish.

Opening	mm	17-19-21-11/16
Overall length	mm	370
Weight	Kg	1,200

924GE	Each	31,10
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carolus
by GEDORE

924GE



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		61,60	153,00

GEDORE

925GA
925GB



Prod. SCU

In special steel.

Opening	mm	17-19-21
Square drive	inch	1/2
Overall length	mm	380

925L	Each	11,80
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SCU

925L



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	258,00
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GEDORE

926E



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	252,00
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For socket wrenches for truck, tractor wheel nuts, see Art. 909 GSA.

GEDORE

926G



TYRE LEVERS

927GS**BUCO****Orig. Buco - Art. 2101**

In special steel, forged in the extremities. Straight smooth model. Metalized grey finish.

Overall length	mm	200	300	400	500	600
Weight	grams	120	380	600	1000	1200
	927GS	Each	11,10	12,40	14,20	17,10

Size mm 200 is running out of stock

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		bicy-moto	auto	auto	truck	truck
	928G	Each	14,40	21,60	25,70	40,90

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	19,10	21,30

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

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

928GT**BUCO****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

TOW ROD CARS

932GA**BUCO****Orig. Buco - Art. 3000**

Three-pieces model, with telescopic sliding. Hooks in special steel, hardened. Rods in thick steel tubing. Zinc finish. The two parts provided with a hook are connected to the relative cars through the special towing ring by means of removable bolts. Then the third component - a rigid spacer - shall have to be installed.

Overall length as used	mm	1680
Overall length as closed	mm	665
Pullable weight	Kg	2500
	932GA	Each

TOW BARS FOR TRUCKS

932GT**BUCO****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

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 **294,00**



933G



SETS OF SOCKETS

Orig. Gedore - Art. D 20 DMU-3

Made from CHROME-VANADIUM steel. Chrome plated. 1/4 inch bushes and joints (6.35 mm).

Box sets.

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 **165,00**



940GA



Orig. Gedore - Art. 20 EMZ

Product description as Art. 940GA

The set consists in 16 tools.

Content:

11 x 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 13mm hexagonal sockets Art. 941 RA

1 x 100mm extension Art. 942 E

1 x cardan joint Art. 942 H

1 x bar with sliding connection 115mm Art. 942 G

1 x ratchet with reverse square drive, 127mm Art. 942 S

1 x socket-holder with plastic handle Art. 942 P.

Complete assortment.

941G Each **205,00**



941G



When stocks run out the ratchet lever will be supplied with a black/blue handle.

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 **387,00**



941GC



When stocks run out the ratchet lever 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	407,00
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When stocks run out the ratchet lever 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 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 pcs Art.983 GF 1 - 2 - 3
 Complete assortment.

941GL	Each	187,00
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941GM **GEDORE**

new

1/4"


Orig. Gedore - Art. 20 EAU-3

Product description as Art. 940GA

Set of 14 tools.

The set contains:

9 hexagonal sockets Art. 941 RA 3/16 - 7/32 - 1/4 - 9/32 - 5/16 - 11/32 - 3/8 - 7/16 - 1/2 inches
 1 extension Art. 942 E 100mm
 1 cardan joint Art. 942 H
 1 sliding lever Art. 942 G 115mm
 1 tap holder with plastic handle Art. 942 P
 1 ratchet, with disc, Art. 942 T 127mm
 Complete assortment.

941GM	Each	214,00
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941GP **GEDORE**

1/4"


Orig. Gedore - Art. D 20 MOT-A

Product description as Art. 940GA

The set consists of 30 tools.

Content:

7 x bihexagonal sockets Art. 941 RAB 1/4 - 5/16 - 3/8 - 13/32 - 7/16 - 1/2 - 9/16mm
 1 x ratchet with 2-arm handle Art. 943 G
 1 x angular extension Art. 942 F 97
 1 x extension Art. 942 E 150
 1 x cardan joint Art. 942 H
 7 x external TORX bits Art. 984 GC T 10 - 15 - 20 - 25 - 27 - 30 - 40
 3 x cross-tip bits PH Art. 983 GC 1 - 2 - 3
 2 x flat-tip bits Art. 983 GA 4 - 6.5
 6 x hexagonal bits inch. 1/8 - 5/32 - 3/16 - 1/4 - 5/16 - 3/8
 1 x 1/4 square bit and 1/4 bit drive adapter Art. 984GF 1
 Complete assortment.

941GP	Each	191,00
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SOCKETS, 1/4" DRIVE DIN 3120-ISO 1174

Orig. Gedore - Art. 20

In CHROME VANADIUM steel. Chrome plated finish. Slots inside square drive for ratchet balls and sliding bars.

Internal hex type. Length: 25mm.

Opening	mm	4	4,5	5	5,5	6	7	8
941RA	Each	6,02	6,02	6,24	6,26	6,26	6,26	6,22
Opening	mm	9	10	11	12	13	14	
941RA	Each	6,46	6,44	6,46	6,76	6,74	6,78	
Opening	inch	3/16	7/32	1/4	9/32	5/16	11/32	3/8
941RA	Each	6,58	6,58	6,66	6,66	6,66	6,66	6,84
Opening	inch	7/16	1/2	9/16				
941RA	Each	7,18	7,18	7,76				



941RA



1/4"

3

Orig. Gedore - Art. D20

Product description as Art. 941RA

Internal bi-hex type. Length: 25mm.

Opening	mm	4	5	6	7	8	9	10
941RAB	Each	6,20	6,44	6,44	6,44	6,26	6,66	6,46
Opening	mm	11	12	13	14			
941RAB	Each	6,66	6,98	6,76	6,98			
Opening	inch	3/16	7/32	1/4	9/32	5/16	11/32	3/8
941RAB	Each	6,42	6,42	6,42	6,42	6,66	6,66	6,66
Opening	inch	13/32	7/16	1/2	9/16			
941RAB	Each	7,14	7,18	7,18	7,76			



941RAB



1/4"

Orig. Gedore - Art. 20L

Product description as Art. 941RA

Long pattern, internal hex type. Length: 50mm.

Opening	mm	4	4,5	5	5,5	6	7	8
941RAL	Each	19,70	19,70	19,70	19,70	19,70	20,10	20,10
Opening	mm	9	10	11	12	13		
941RAL	Each	20,10	20,80	20,80	20,80	20,80		



941RAL



1/4"

Orig. Gedore - Art. DG 20

Product description as Art. 941RA

Jointed type with internal polygon.

Opening	mm	5,5	6	7	8	9	10	11
Overall length	mm	38	38	38	38	38	40	41
941RAP	Each	32,70	33,60	34,10	34,10	33,10	33,10	33,40
Opening	mm	12	13					
Overall length	mm	42	42					
941RAP	Each	33,40	34,10					



941RAP



1/4"

Product running out of stock

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	9,38	9,34	9,34	9,38



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	9,38	9,34	9,38	9,34



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	10,50	10,50	10,50	10,40



941RD



1/4"

941RF GEDORE



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	9,38	9,38	9,32	9,32	9,32	9,32	9,32

941RG GEDORE



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	10,10	10,10	10,10	10,10	10,40

941RGA GEDORE



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	11,10	11,10	11,10

941RL GEDORE



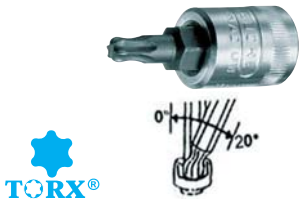
1/4"

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
Seal	mm	2,31	2,50	2,74	3,27	3,86	4,43	4,99
941RL	Each	10,40	10,40	10,40	10,40	10,40	10,40	10,40
TORX size	T	30	40					
Seal	mm	5,52	6,65					
941RL	Each	10,40	11,70					

941RLA GEDORE



1/4"

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	12,60	12,60	12,60	12,60	12,60	12,60	13,10

941RP GEDORE



1/4"

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	8,80	8,80	8,80	8,84	8,84	9,94

941RT SCU



1/4"

Prod. SCU

Product description as Art. 941RA
External TORX type with hole. Length: 35mm.

TORX size	T	7	8	9	10	15	20	25
Seal	mm	1,99	2,31	2,50	2,74	3,27	3,86	4,43
941RT	Each	4,62	4,62	4,62	4,62	4,62	4,62	4,62
TORX size	T	27	30					
Seal	mm	4,99	5,52					
941RT	Each	4,62	4,62					

Product description as Art. 941RA

Phillips screwdriver, with 5 tips and hole (TAMPER STAR). Length 25 mm.

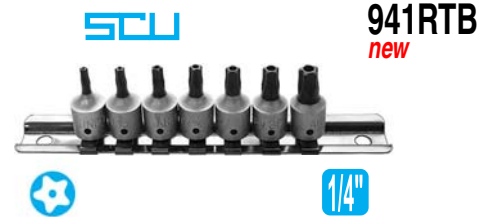
Size	ST	10	15	20	25	27	30	40
Seal	mm	2,7	3	3,5	4,1	4,6	5,1	6,1
941RTA	Each	2,10	2,10	2,10	2,10	2,10	2,10	2,10



Set of 7 pcs. Art. 941 RTA ST 10-15-20-25-27-30-40.

On metal support.

941RTB	Each	16,90
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Orig. Gedore - Art. ITX 20 IP

Made from CHROME-VANADIUM steel. Chrome plated, with slots placed inside the square drivers with balls for stopping jacks 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	25	27	
Seal	mm	2,31	2,50	2,74	3,27	3,86	4,43	4,99	
941RV	Each	11,00	11,00	10,80	11,00	11,00	11,00	11,00	
TORX PLUS size	IP	30	40						
Seal	mm	5,52	6,65						
941RV	Each	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	4,80
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Orig. Gedore - Art. 2097

Product description as Art. 942B

Articulated bars, length: 150mm.

942C	Each	33,40
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Orig. Gedore - Art. 2088

Product description as Art. 942B

Flexible extension, length: 120mm.

942D	Each	19,10
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Orig. Gedore - Art. 2090

Product description as Art. 942B

Fixed extensions.

Overall length	mm	50	100	150	300
942E	Each	10,10	10,40	10,50	14,80



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	12,90	13,40	16,80



Orig. Gedore - Art. 2087

Product description as Art. 942B

Sliding bar, length: 115mm.

942G	Each	13,80
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Orig. Gedore - Art. 2095

Product description as Art. 942B

Cardan joint. Length 38 mm.

942H	Each	30,60
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942P



1/4"

**Orig. Gedore - Art. 2098**

Product description as Art. 942B

Socket-holder with plastic handle. Length 140 mm.

942P

Each

10,90

RATCHETS

942R



1/4"

**Orig. Gedore - Art. 2093 HR-94**

In CHROME VANADIUM steel. Chrome plated finish. 1/4" square drive (6.35mm).

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

29,80

942S



1/4"

**Orig. Gedore - Art. 2093 Z-94**

Product description as Art. 942R

Ratchet with reverse square drive. Rubber handle. Fine toothed.

Length: 127mm.

942S

Each

35,80

When stocks run out the ratchet lever will be supplied with a black/blue handle.

942T



1/4"

**Orig. Gedore - Art. 2093 U-3**

Product description as Art. 942R

Ratchet with dial change for clockwise and counter-clockwise operation. Rubber handle. Fine toothed.

Length: 127mm.

942T

Each

55,10

942V



1/4"

**Orig. Gedore - Art. 2093 U-10**

Product description as Art. 942R

Ratchet with lever change for clockwise, counter-clockwise and fixed operation. Rubber handle. Fine toothed.

Length: 127mm.

942V

Each

73,50

942Z



1/4"

**Orig. Gedore - Art. 2093 U-20**

Product description as Art. 942R

Ratchet with lever change for clockwise and counter-clockwise operation. Dual component rubber grip. With tip klick quick change, with button. Fine toothed.

Length: 127mm.

942Z

Each

69,30

943G



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

41,10

SETS OF SOCKETS

944B
new



1/4"

1/4"

Orig. Carolus - Art. 3090.0023

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 pcs 1 - 2

Complete assortment.

944B

Each

56,30

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

carolus
by GEDORE

1/4"

944GA



3

Orig. Carolus - Art. 4004.77

Product description as Art. 944GA
33-tool sets.

- 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 Art. 946 GC
 - 4 x Phillips screwdriver sockets Size 0 - 1 - 2 - 3 Art. 946
 - 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 dual-component handle with 1/4" hexagonal drive 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 946 GZ
 - 1 x 120mm ratchet with lever change, rapid release Art. 947 GR
- Complete assortment

945GE Each **108,00**

carolus
by GEDORE

1/4"

945GE



Orig. Carolus - Art. 4004.79

Product description as Art. 944GA
33-tool set.

- Each set contains:
- 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 **108,00**

carolus
by GEDORE

1/4"

945GF



Orig. Carolus - Art. 4440.2016

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 extension 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 **31,80**

carolus
by GEDORE

1/4"

945GM
new



945GP **carolus**
new by GEDORE

1/4"



Orig. Carolus - Art. 4400.2033

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 extensions 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 **58,90**

945GR **carolus**
new by GEDORE

1/4"



Orig. Carolus - Art. 4400.2046

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.

945GR Each **77,20**

SOCKETS, 1/4" DRIVE DIN 3120-ISO 1174

946GA **carolus**
by GEDORE



1/4"

Orig. Carolus - Art. 4177-4175

In special steel. Chrome plated finish. Slots inside the square drive for ratchet balls and sliding bars.

Internal hex type. Length: 25mm.

Opening	mm	4	4,5	5	5,5	6	7	8
946GA	Each	2,14	2,14	2,14	2,14	2,14	2,14	2,28
Opening	mm	9	10	11	12	13	14	
946GA	Each	2,28	2,28	2,28	2,28	2,28	2,44	
Opening	inch	11/32	7/16					
946GA	Each	2,32	2,32					

Sizes poll 11/32 and 7/16 are running out of stock

946GAF **carolus**
by GEDORE



1/4"

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	5,5	6	7	8
946GAF	Each	2,14	2,14	2,14	2,14	2,14	2,14	2,28
Opening	mm	9	10	11	12	13	14	
946GAF	Each	2,28	2,28	2,28	2,28	2,28	2,44	

946GB **carolus**
by GEDORE



1/4"

Orig. Carolus - Art. 4176

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	3,20	3,42	3,42	3,42	3,42	3,42	3,42
Opening	mm	9	10	11	12	13		
946GB	Each	3,42	3,42	3,72	3,72	3,72		

Orig. Carolus - Art. 4179

Product description as Art. 946GA
Flat-tip screwdriver type. Length: 28mm.

Blade width	mm	4	5,5	6,5
946GC	Each	2,74	2,74	2,74



Product description as Art. 946GA

Phillips screwdriver type. Length: 28mm.

Size		0	1	2	3
946GE	Each	2,74	2,74	2,74	2,74



Orig. Carolus - Art. 4172

Product description as Art. 946GA
POZIDRIV screwdriver type. Length: 28mm.

Size		0	1	2	3
946GF	Each	3,04	3,04	3,04	3,04



Orig. Carolus - Art. 4178

Product description as Art. 946GA
External hex type. Length: 28mm.

Opening	mm	3	4	5	6	8	10
946GH	Each	2,28	2,28	2,28	2,28	2,28	2,28



Orig. Carolus - Art. 4173

Product description as Art. 946GA
External TORX type with hole. Length: 28mm.

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	3,04	3,04	3,04	3,04	3,04	3,04	3,04



Orig. Carolus - Art. 4174

Product description as Art. 946GA
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	5,02	5,02	5,02	5,02	5,32



SPARE PARTS FOR SOCKETS

Orig. Carolus - Art. 4179

In special steel. Chrome plated finish. 1/4" square drive (6.35mm).
Fixed extensions.

Overall length	mm	50	100	150
946GP	Each	3,04	3,58	5,94



Orig. Carolus - Art. 4179.70

Product description as Art. 946GP
Sliding bar. Length: 115mm.

946GR	Each	7,38
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Orig. Carolus - Art. 4179.80

Product description as Art. 946GP
Cardan joint. Length 37 mm.

946GS	Each	8,60
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Orig. Carolus - Art. 4120.00

Product description as Art. 946GP
socket-holder rod with bi-component handle. Total length 160mm.
In combination with the reduction Art. 947 GA it can be used as a grip for bits with 1/4" hex drive.

946GSE	Each	7,22
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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.


946GV **carolus**
by GEDORE 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.


946GZ **carolus**
by GEDORE 1/4"

Orig. Carolus - Art. 7080.50
Product description as Art. 946GP
Male adapter, 1/4" hexagonal drive.
Length: 50mm.

946GZ Each 1,82

To be used also in combination with Art. 946 GT.


947GA **carolus**
by GEDORE 1/4"

Orig. Carolus - Art. 4178.60
Product description as Art. 946GP
Insert socket adapter, 1/4" square drive, 1/4" hexagonal drive. Length 25 mm.

947GA Each 2,74


947GB **carolus**
by GEDORE 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.


947GC **carolus**
by GEDORE 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.

RATCHETS


947GP **carolus**
by GEDORE 1/4"

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 toothed.
Length: 120mm.

947GP Each 30,20


947GR **carolus**
by GEDORE 1/4"

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 click quick change, with button.
Fine toothed.
Length: 120mm.

947GR Each 30,20


947GRE **carolus**
by GEDORE 1/4"

Orig. Carolus - Art. 4190.50
Product description as Art. 947GP
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 135mm.

947GRE Each 35,30

Product running out of stock

Orig. Carolus - Art. 7290.30

Product description as Art. 947GP

Flexible ratchet, multi-angled bit. With dial change for clockwise and counter-clockwise operation. Synthetic material handle. Fine toothed. Length: 135mm.

947GS Each **53,60**



Orig. Carolus - Art. 7225.00

Product description as Art. 947GP

Flexible ratchet, multi-angled bit. With lever change for clockwise and counter-clockwise operation.

Synthetic-material handle. Fine toothed. Length: 140mm.

947GT Each **53,60**



SPARE PARTS AND ACCESSORIES FOR INTERCHANGEABLE HEAD WRENCHES

Orig. Carolus - Art. 7200.00tk

In special steel. Chrome plated finish. 1/4" square drive (6.35mm).

Articulated bar with angle lock, rapid and safe head quick release, with button. Synthetic material handle. Length: 120mm.

948GA Each **44,10**

Product running out of stock



Orig. Carolus - Art. 7200.30

Product description as Art. 948GA

Ratched head with dial change for clockwise and counter-clockwise operation. Finely toothed.

948GB Each **16,10**

Product running out of stock



Orig. Carolus - Art. 7200.25

Product description as Art. 948GA

Ratched head with dial change for clockwise and counter-clockwise operation. Finely toothed.

948GC Each **16,10**

Product running out of stock



Orig. Carolus - Art. 7200.26

Product description as Art. 948GA

Ratched head with lever change for clockwise and counter-clockwise operation. Finely toothed. 1/4" female hex drive for inserts.

948GE Each **16,10**

Product running out of stock



Orig. Carolus - Art. 7220

Product description as Art. 948GA

Fixed end fitting.

Opening	mm	8	9	10	11	12	13
948GF	Each	3,06	3,06	3,06	3,06	3,06	3,06

Product running out of stock



948GH **carolus**
 by GEDORE

Orig. Carolus - Art. 7230

Product description as Art. 948GA

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

Product running out of stock
948GL **carolus**
 by GEDORE

Orig. Carolus - Art. 7210

Product description as Art. 948GA

Ratchet bi-hexagonal ring end fitting.

Opening	mm	8	9	10	11	12
948GL	Each	14,00	14,00	14,00	14,00	14,00

Product running out of stock
SETS OF SOCKETS
950GA **GEDORE** **3/8"**

Orig. Gedore - Art. 30 JMU-10

Made from CHROME-VANADIUM steel. Chrome plated.

Sockets and joints with 3/8 inch square driver (9.52 mm). Supplied in metal casing.

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 **274,00**
950GF **GEDORE** **3/8"**

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 **324,00**

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Orig. Gedore - Art. D 30 JAU-10

Product description as Art. 950GA

Set of 12 tools.

The set contains:

10 bihexagonal sockets Art. 952 RB 1/4 - 5/16 - 11/32 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 inches

1 ratchet with lever Art. 953 T 200mm

1 extension Art. 953 E 125mm

Complete assortment.

950GFE Each **286,00**

GEDORE **3/8"** **950GFE**
new



Orig. Gedore - Art. D 30 GAU-10

Product description as Art. 950GA

The set consists in 17 tools.

Content:

5 x hexagonal sockets Art. 952 RA 1/4 - 9/32 - 5/16 - 11/32 - 3/8inch

7 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 **378,00**

When stocks run out the ratchet lever will be supplied with a black/blue handle.

GEDORE **3/8"** **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 **392,00**

GEDORE **3/8"** **951G**



Orig. Gedore - Art. 30 IMU-3

Product description as Art. 950GA

Contains 26 tools.

Comprises:

13 hex sockets Art. 952 RA 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19mm

1 ratchet lever with disk, Art. 953 S 200mm

1 sliding lever Art. 953 H 160mm

1 extension Art. 953 E 125mm

1 extension Art. 953 F 250mm

1 cardan joint Art. 953 I

4 external hex sockets Art. 952 RT 4 - 5 - 6 - 8mm

2 flat-tip screwdriver sockets Art. 952 RN 5.5 - 8mm

2 PH cross-slotted screwdriver sockets Art. 952 RP 2 - 3

Complete set.

951GB Each **422,00**

GEDORE **3/8"** **951GB**





Orig. Gedore - Art. IN 30LKM
 Made from 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	135,00
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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	227,00
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SOCKETS, 3/8" DRIVE DIN 3120-ISO 1174



Orig. Gedore - Art. 30
 In CHROME VANADIUM steel. Chrome plated finish. Slots inside the square drive for ratchet balls and sliding bars.
 Internal hex type. Length: 28mm.

Opening	mm	6	7	8	9	10	11	12	13	
952RA	Each	9,56	9,56	9,18	9,20	9,18	9,20	9,20	9,18	
Opening	mm	14	15	16	17	18	19	20	21	
952RA	Each	9,56	9,58	9,58	9,56	9,62	9,58	10,80	10,80	
Opening	mm	22	24							
952RA	Each	10,70	14,40							
Opening	inch	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	
952RA	Each	11,00	10,60	10,30	10,30	10,30	10,20	10,20	10,20	
Opening	inch	19/32	5/8	11/16	3/4	7/8				
952RA	Each	11,60	10,90	10,90	12,50	12,50				

Size poll 9/32 is running out of stock



Orig. Gedore - Art. D 30
 Product description as Art. 952RA
 Internal bi-hex type. Length: 28mm.

Opening	mm	6	7	8	9	10	11	12	13	
952RB	Each	9,56	9,56	9,24	9,26	9,24	9,26	9,26	9,20	
Opening	mm	14	15	16	17	18	19	20	21	
952RB	Each	9,62	9,62	9,62	9,62	9,62	9,62	10,70	10,70	
Opening	mm	22	24							
952RB	Each	10,70	14,50							
Opening	inch	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	
952RB	Each	10,00	10,10	10,00	10,00	9,94	10,30	10,30	10,30	
Opening	inch	19/32	5/8	11/16	3/4	7/8	15/16	1		
952RB	Each	11,60	11,10	11,10	12,50	12,60	12,80	13,20		



Orig. Gedore - Art. D 30L
 Product description as Art. 952RA
 Long pattern. Internal bi-hex type. Length: 63mm.

Opening	mm	10	11	12	13	14	15	16
952RC	Each	19,50	22,30	20,60	19,50	24,10	22,80	22,90
Opening	mm	17	18	19	20	21	22	
952RC	Each	25,40	26,20	25,40	27,70	30,50	27,70	

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	39,80	43,70	43,70	47,60	47,80	47,80	49,90
Opening	mm	17	18	19				
Overall length	mm	49,5	49,5	49,5				
952RE	Each	54,30	54,30	54,30				

Sizes mm 11, 12 and 16 are running out of stock

GEDORE

952RE



3/8"

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	14,50	21,20	16,10	16,60	19,10

GEDORE

952RN



3/8"

Orig. Gedore - Art. IKS 30

Product description as Art. 952RA

Phillips screwdriver type. Length: 55mm.

Size		1	2	3
952RP	Each	16,30	16,30	16,30

GEDORE

952RP



3/8"

Orig. Gedore - Art. IKS 30 PZD

Product description as Art. 952RA

Pozidriv screwdriver type. Length: 55mm.

Size		1	2	3
952RQ	Each	18,60	18,60	18,60

GEDORE

952RQ



3/8"

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	17,10	17,20	17,10

GEDORE

952RS



3/8"

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	17,00	17,00	17,40

GEDORE

952RSL



3/8"

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	10,20	10,10	10,10	10,20	10,10	10,20
Opening	inch	1/8	5/32	3/16	1/4	5/16	3/8
952RT	Each	10,70	10,70	10,40	10,40	14,10	14,10

GEDORE

952RT



3/8"

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	13,20	13,20	13,20	13,20	13,20	13,20

GEDORE

952RTL



3/8"

Orig. Gedore - Art. IN 30LK

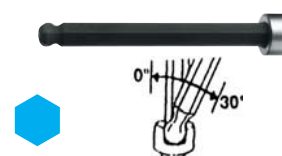
Product description as Art. 952RA

Long pattern, ball hex type, angled up to 30°. Length: 134mm.

Opening	mm	4	5	6	8	10
952RTS	Each	14,40	14,30	14,40	14,60	16,60

GEDORE

952RTS



3/8"

952RV GEDORE



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	13,50	13,50	13,50	13,50	13,50	13,50	13,50

952RVL GEDORE



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	14,90	14,90	14,90	14,90	15,70	15,70	15,70

952ST GEDORE



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
Seal	mm	4,7	5,6	6,1	7,4	9,3	10,08	11,1
952ST	Each	13,40	13,50	13,50	13,50	13,50	13,80	13,50
TORX size	E	14						
Seal	mm	12,8						
952ST	Each	13,50						

952SV GEDORE



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	16,30	16,30	16,30	16,30	18,60	19,10	26,40

INSERT WRENCHES 3/8" COUPLING DIN 3120-ISO 1174

952T SCU
new



Prod. SCU
 In 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	11,10	11,10	11,30	11,50	12,20	12,50	12,90

952Z GEDORE



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	9,26	9,54	10,30

INSERT WRENCHES 3/8" COUPLING DIN 3180-ISO 1174

953 SCU



Prod. SCU
 Made from 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	17,10	17,10	16,80	16,80	17,10	17,10	17,50
Opening	mm	17	18	19				
Overall length	mm	45	45	50				
953	Each	19,10	19,10	19,40				

SET OF INSERT WRENCHES 3/8" COUPLING DIN 3180-ISO 1174
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 Per series **159,00**


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 **36,80**


Orig. Gedore - Art. 3094

Product description as Art. 953C
 Square drive for Art. 953 P. Length 28,8 mm.

953D Each **4,60**


Orig. Gedore - Art. 3090-2

Product description as Art. 953C
 Extension length 50mm.

953D 2 Each **14,50**


Orig. Gedore - Art. 3090-3

Product description as Art. 953C
 Extension. Length: 75mm.

953D 3 Each **12,50**


Orig. Gedore - Art. 3090-5

Product description as Art. 953C
 Extension. Length: 125mm.

953E Each **14,70**


Orig. Gedore - Art. 3090-10

Product description as Art. 953C
 Extension. Length: 250mm.

953F Each **20,90**


Orig. Gedore - Art. 3090 KR

Product description as Art. 953C
 Angular extensions with 15° inclination.

Overall length	mm	76	125	250
953G	Each	15,70	28,10	31,20


Orig. Gedore - Art. 3087

Product description as Art. 953C
 Sliding bar 160mm.

953H Each **17,80**


Orig. Gedore - Art. 3095

Product description as Art. 953C
 Cardan joint 49mm.

953I Each **36,30**





Orig. Gedore - Art. 3081
Product description as Art. 953C
Fixed, bent lever 180mm.

953L Each **21,40**



Orig. Gedore - Art. 3096
Product description as Art. 953C
Jointed lever. Length: 254mm.

953N Each **46,10**

RATCHETS



Orig. Gedore - Art. 3093Z-94
In CHROME VANADIUM steel. Chrome plated finish.
3/8" square drive (9.52mm).
Ratchet with reverse square drive.
Rubber handle. Fine toothed.
Length: 200mm.

953P Each **43,80**

When stocks run out the ratchet lever will be supplied with a black/blue handle.



Orig. Gedore - Art. 3093U-3
Product description as Art. 953P
Ratchet with dial change for clockwise and counter clockwise operation.
Rubber handle. Fine toothed.
Length: 200mm.

953S Each **64,10**



Orig. Gedore - Art. 3093U-10
Product description as Art. 953P
Ratchet with lever change for clockwise, counter-clockwise and fixed operation.
Rubber handle. With tip klick quick change, with button.
Fine toothed.
Length: 200mm.

953T Each **89,50**



Orig. Gedore - Art. 3093U-20
Product description as Art. 953P
Ratchet with lever change for clockwise and counter-clockwise operation.
Dual-material handle. With tip klick quick change, with button.
Fine toothed.
Length: 200mm.

953TB Each **86,40**



Orig. Gedore - Art. 3093GU-3
Product description as Art. 953P
Ratchtet bent at 180°. With dial change for clockwise and counter-clockwise operation.
Rubber handle. Fine toothed.
Length: 282mm.

953V Each **99,20**

When stocks run out the ratchet lever will be supplied with a black/blue handle.



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



Orig. Gedore - Art. 3093 U-3 T
In special steel. Burnished finish. 3/8" square drive (9.52mm).
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. 953 E-F-G.
Length: 140mm.

954 Each **46,20**

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. 6600.300

Product description as Art. 954GP
 Contains 22 tools.
 Comprises:
 17 hex sockets Art. 956 RE 6-7-8-9-10-11-13-14-14-19-20-21-22mm
 1 extension Art. 956 RH 150mm
 1 extension Art. 956 RH 250mm
 1 joint Art. 956 RF
 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.

954GR Each **120,00**

Product running out of stock

carolus
by GEDORE

3/8"

954GR



Orig. Carolus - Art. 6600.2026

In special steel.
 Chrome plated finish. 3/8" (mm 9,52) square drive sockets and joints.
 Set supplied in sturdy plastic case 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 extentions 75 - 150 mm
 1 sliding lever
 1 cardan joint
 1 reduction socket, square connection 3/8" to 1/4"
 Complete assortment.

954GT Each **102,00**

carolus
by GEDORE

3/8"

954GT
new



Orig. Carolus - Art. 6612.2059

Product description as Art. 954GT
 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 extentions 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 **141,00**

carolus
by GEDORE

3/8"

954GV
new



SOCKETS, 3/8" DRIVE DIN 3120-ISO 1174

956RE **carolus** **3/8"**
by GEDORE



Orig. Carolus - Art. 6100-6200

In special steel. Chrome plated finish.
Slots inside the square drive for ratchet balls and sliding bars.
Internal hex type. Length: 28mm.

Opening	mm	6	7	8	9	10	11	12
956RE	Each	3,72	3,72	3,72	3,72	3,72	3,72	3,72
Opening	mm	13	14	15	16	17	18	19
956RE	Each	3,72	3,72	4,04	4,04	4,04	4,04	4,04
Opening	mm	20	21	22	24			
956RE	Each	4,80	4,80	4,80	4,80			
Opening	inch	5/8	3/4					
956RE	Each	3,02	3,18					

956REF **carolus** **3/8"**
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	12
956REF	Each	3,72	3,72	3,72	3,72	3,72	3,72	3,72
Opening	mm	13	14	15	16	17	18	19
956REF	Each	3,72	3,72	4,04	4,04	4,04	4,04	4,04
Opening	mm	20	21	22	24			
956REF	Each	4,80	4,80	4,80	4,80			

956RET **carolus** **3/8"**
by GEDORE



Orig. Carolus - Art. 6300

Product description as Art. 956RE
Internal TORX type. Length: 26mm.

TORX size	E	4	5	6	7	8	10	12
Seal	mm	3,8	4,7	5,6	6,1	7,4	9,3	11,1
956RET	Each	3,72	3,72	3,72	3,72	3,72	3,72	3,72
TORX size	E	14	16	18	20			
Seal	mm	12,8	14,7	16,7	18,4			
956RET	Each	4,04	4,04	4,18	4,64			

956REZ **carolus** **3/8"**
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

956RF **carolus** **3/8"**
by GEDORE



Orig. Carolus - Art. 6130.00

In special steel. Chrome plated finish.
3/8" square drive (9.52mm).
Cardan joint. Length: 49mm.

956RF	Each	9,12
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956RG **carolus** **3/8"**
by GEDORE



Orig. Carolus - Art. 6150.45

Product description as Art. 956RF
Extension. Length: 45mm.

956RG	Each	5,32
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956RH **carolus** **3/8"**
by GEDORE



Orig. Carolus - Art. 6150.15

Product description as Art. 956RF
Extension. Length: 150mm.

956RH	Each	6,62
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956RHE **carolus** **3/8"**
by GEDORE



Orig. Carolus - Art. 6150.250

Product description as Art. 956RF
Extension. Length 250mm.

956RHE	Each	9,96
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Orig. Carolus - Art. 6070.60

Product description as Art. 956RF

Insert socket adapter, 3/8" square drive, 1/4" hexagonal drive. Length 30 mm.

956RI Each **5,46**

carolus
by GEDORE

956RI

1/4"



3/8"

Orig. Carolus - Art. 6070.10

Product description as Art. 956RF

Socket reduction for inserts, 3/8" square drive, 5/16" hex drive. Length 30mm.

956RLA Each **5,46**

carolus
by GEDORE

956RLA

5/16"



3/8"

Orig. Carolus - Art. 6015.15

Product description as Art. 956RF

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.**

carolus
by GEDORE

956RM

3/8"



3/8"

RATCHETS

Orig. Carolus - Art. 6190.30

In special steel. Chrome plated finish.

3/8" square drive (9.52mm).

Ratchet with dial change for clockwise and counter clockwise operation.

Rubber dual component handle. Fine toothed.

Length: 200mm.

956RS Each **31,60**

carolus
by GEDORE

3/8"

956RS



Orig. Carolus - Art. 6190.20

Product description as Art. 956RS

Ratchet with lever change for clockwise and counter-clockwise movement.

Rubber bi-component handle. With button-operated quick-release safety system. Fine toothed.

Length 205mm.

956RT Each **31,60**

carolus
by GEDORE

3/8"

956RT



Orig. Carolus - Art. 6190.50

Product description as Art. 956RS

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 195mm.

956RTE Each **36,70**

carolus
by GEDORE

3/8"

956RTE



Orig. Carolus - Art. 6290.00

Product description as Art. 956RS

Flexible ratchet, multi angled. With dial change for clockwise and counter-clockwise operation.

Rubber handle. Fine toothed.

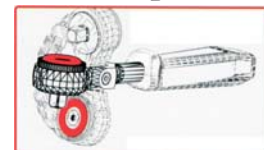
Length: 225mm.

956RV Each **57,20**

carolus
by GEDORE

3/8"

956RV



Orig. Carolus - Art. 6225.00

Product description as Art. 956RS

Flexible ratchet, multi-angled. With lever change for clockwise and counter-clockwise movement.

Rubber bi-component handle. With button-operated quick-release safety system. Fine toothed.

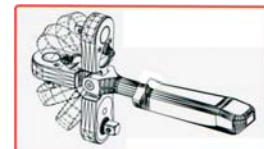
Length 225mm.

956RZ Each **57,20**

carolus
by GEDORE

3/8"

956RZ



SETS OF SOCKETS

957GA
957GB
GEDORE

**Orig. Gedore - Art. 19 KMU-20**

Made from CHROME-VANADIUM steel. Chrome plated.
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 **273,00**
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 **273,00**
960GA
960GB
GEDORE

**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 **362,00**
Orig. Gedore - Art. D 19 JMU-3

Product description as Art. 957GA
Contains 19 tools.
Comprises:
15 polygonal sockets Art. 969 RB 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.

960GB Each **340,00**
968G
968GE
GEDORE

**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 **506,00**
Orig. Gedore - Art. 19 TMU-19

Product description as Art. 957GA
Contains 25 tools.
Comprises:
19 hex sockets Art. 969 RA 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.

968GE Each **504,00**

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 **385,00**

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 **440,00**

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 **505,00**

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 **512,00**

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 **511,00**

When stocks run out the ratchet lever will be supplied with a black/blue handle.

GEDORE

1/2"

968GK
968GL



GEDORE

1/2"

969GA



GEDORE

1/2"

969GD
969GE



969GH **GEDORE**



1/4"

1/2"

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.

Each set contains:

- 1 x 270mm ratchet, lever change, rapid release, 1/2" drive Art. 970 RT
- 12 x 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 - 24 - 27 - 30mm hexagonal sockets, 1/2" drive Art. 969 RA
- 1 x 125mm extension, 1/2" drive, 1 x 250mm extension, 1/2" drive
- 1 x 1/2" drive cardan joint
- 5 x 7 - 8 - 10 - 12 - 14mm external hex sockets, 1/2" drive
- 2 x 8mm - 10mm flat-tip sockets, 1/2" drive
- 1 x cross-tip sockets, Size 3, 1/2" drive
- 11 x 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 13mm hexagonal sockets, 1/4" drive
- 1 x 127mm ratchet, dial change, 1/4" drive
- 1 x 1/4" sliding bar, 1 x 1/4" drive cardan joint Art. 942 H
- 1 x 50mm extension, 1/4" drive, 1 x 100mm extension, 1/4" drive Art. 942 P
- 1 x 1/4" socket-holder with plastic handle
- 4 x 3 - 4 - 5 - 6mm external hex sockets, 1/4" drive 941 RF
- 3 x 4 - 5.5 - 6.5 flat-tip sockets, 1/4" drive Art. 941 RB
- 2 x cross-tip sockets Size 1 - 2, 1/4" drive Art. 941 RC
- Complete assortment.

969GH Each 761,00

SOCKETS 1/2" DRIVE, DIN 3120-ISO 1174

969RA **GEDORE**



1/2"

Orig. Gedore - Art. 19

In CHROME VANADIUM steel. Chrome plated finish.
Inside slots for ratchet balls and sliding bars.

Internal hex type

Opening	mm	8	9	10	11	12	13	14
Overall length	mm	38	38	38	38	38	38	38
969RA	Each	9,82	9,90	8,42	9,04	9,04	8,42	9,28
Opening	mm	15	16	17	18	19	20	21
Overall length	mm	39	39	39	39	40	40	41
969RA	Each	9,28	9,28	9,86	10,70	9,86	10,80	11,70
Opening	mm	22	23	24	25	26	27	28
Overall length	mm	41	41	41	41	41	41	43
969RA	Each	10,90	12,10	12,10	13,90	13,10	15,10	15,80
Opening	mm	29	30	32	33	34	36	
Overall length	mm	43	43	44	44	44	44	
969RA	Each	16,70	16,20	16,20	17,60	17,50	24,40	

969RB **GEDORE**



UNIT DRIVE

1/2"

Orig. Gedore - Art. D19

Product description as Art. 969RA

Internal bi-hex type

Opening	mm	8	9	10	11	12	13	14
Overall length	mm	38	38	38	38	38	38	38
969RB	Each	9,90	10,40	8,44	9,06	9,06	8,42	9,28
Opening	mm	15	16	17	18	19	20	21
Overall length	mm	39	39	39	39	40	40	41
969RB	Each	9,30	9,30	9,86	10,70	9,86	10,90	11,70
Opening	mm	22	23	24	25	26	27	28
Overall length	mm	41	41	41	41	41	41	43
969RB	Each	10,90	12,10	12,10	14,20	13,60	15,50	16,50
Opening	mm	29	30	32	33	34	36	
Overall length	mm	43	43	44	44	44	44	
969RB	Each	17,20	16,50	16,50	17,60	17,40	24,40	
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	10,40	12,70	10,40	10,40	10,40	10,70	10,80
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	10,80	10,80	11,60	11,60	11,50	12,90	12,90
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	13,80	13,80	17,10	17,00	17,60	18,60	

Orig. Gedore - Art. 19L

Product description as Art. 969RA

Long pattern, internal hex type

Opening	mm	10	11	12	13	14	15	16
Overall length	mm	77	77	77	77	77	77	77
969RBE	Each	23,20	23,00	23,20	23,20	24,10	25,70	25,70
Opening	mm	17	18	19	21	22	24	27
Overall length	mm	77	82	82	82	82	82	82
969RBE	Each	25,80	26,70	24,90	31,60	28,60	29,60	30,90
Opening	mm	30	32	34				
Overall length	mm	82	82	82				
969RBE	Each	32,30	34,80	36,50				

GEDORE

969RBE



1/2"

Orig. Gedore - Art. D19L

Product description as Art. 969RA

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	22,40	22,50	22,30	23,40	25,10	25,10	24,90	25,90
Opening	mm	19	21	22	24	27	30	32	34
Overall length	mm	82	82	82	82	82	82	82	82
969RC	Each	24,20	26,10	26,60	27,10	30,20	31,60	32,80	35,70

GEDORE

969RC



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	22,30	17,30	17,30	18,10	20,80	21,80	22,30

GEDORE

969RD



1/2"

Orig. Gedore - Art. IKS19

Product description as Art. 969RA

Phillips screwdriver type. Length: 60mm.

Size	2	3	4	
969RF	Each	16,40	16,40	16,40

GEDORE

969RF



1/2"

Orig. Gedore - Art. IKS19 PZD

Product description as Art. 969RA

Pozidriv screwdriver type. Length: 60mm.

Size	2	3	4	
969RL	Each	16,40	16,40	17,50

GEDORE

969RL



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	16,30	16,40	16,30	18,90	20,90	21,80

GEDORE

969RM



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	17,30	17,30	21,60	24,90	26,80

GEDORE

969RP



1/2"

Orig. Gedore - Art. IN19 RIBE/KL-4051

Product description as Art. 969RA

RIBE type. Length: 55mm.

For screws	M.	5	6	8	10	12	14	16
969RQ	Each	14,70	14,70	15,20	25,80	16,80	18,10	22,60

Size M. 16 is running out of stock

GEDORE

969RQ



1/2"

Orig. Gedore - Art. IN19L - RIBE

Product description as Art. 969RA

Long pattern. RIBE type. Length: 100mm.

For screws	M.	5	6	8	10	12	14	16
969RQ 1	Each	19,70	19,70	22,30	22,30	28,90	28,90	25,70

Size M. 16 is running out of stock

GEDORE

969RQ 1



1/2"

969RS GEDORE



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	55	60
Seal	mm	3,86	4,43	4,99	5,52	6,65	7,82	8,83	11,22	13,25
969RS	Each	15,60	15,60	15,60	15,60	17,80	17,80	17,80	23,30	23,30

969RT GEDORE



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	18,40	18,40	18,40	18,40	20,80	20,80	20,80
TORX size	T	55	60	70				
Seal	mm	11,22	13,25	15,51				
969RT	Each	27,10	27,10	32,70				

969RT 1 GEDORE



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	13,80	13,80	13,80	15,10	15,10	15,80	15,80	21,90

969RT 3 SCU



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	8,32	8,32	8,32	8,32	8,32	8,32	8,32
TORX size	T	55	60	70				
Overall length	mm	55	60	60				
Seal	mm	11,22	13,25	15,51				
969RT 3	Each	8,32	10,30	12,80				

969RT 5 SCU



Product description as Art. 969RA
 Long pattern. External TORX type. With hole. 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 5	Each	9,52	9,52	9,52	9,52	9,52	9,52	9,52
TORX size	T	55	60	70				
Seal	mm	11,22	13,25	15,51				
969RT 5	Each	9,52	10,90	15,70				

969RV GEDORE



Orig. Gedore - Art. IN 19
 Product description as Art. 969RA
 External hex type. Length: 60mm.

Opening	mm	4	5	6	7	8	9	10	12	14
969RV	Each	10,40	10,40	10,40	10,40	10,40	11,20	11,90	11,90	14,50
Opening	mm	17	19							
969RV	Each	16,10	16,70							
Opening	inch	9/32	5/16	3/8	1/2	9/16	5/8	3/16	7/32	1/4
969RV	Each	11,60	11,80	11,80	13,30	15,30	17,60	11,60	11,60	11,60

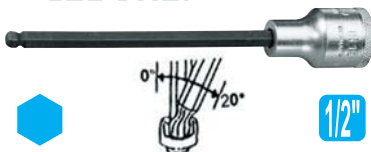
969RZ GEDORE



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	12,10	14,30	12,10	14,30	12,10	13,50	16,30
Opening	mm	12	14					
Overall length	mm	140	140					
969RZ	Each	17,20	20,00					

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	15,30	16,70	17,40	19,10	20,90	30,50

Orig. Gedore - Art. IN 19K

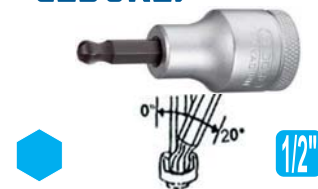
Product description as Art. 969RA

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	11,90	12,10	12,80	14,50	16,60	18,40

GEDORE

969RZ 3



INSERT WRENCHES 3/8" DRIVE, DIN 3120-ISO 1174

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	13,20	14,40	15,80	20,90	22,90

GEDORE

1/2"

970RA



Product description as Art. 970RA

Open jaw spanner type for nuts in confined areas.

Opening	mm	36	41	46
Overall length	mm	81	89	91
Overall width	mm	75	88	92
Thickness	mm	12	13	13
Supplier code.....		KL-4076-3036	KL-4076-3041	KL-4076-3046
970RB	Each	31,30	35,30	38,30

GEDORE

1/2"

970RB



Art. 970 RA-B are particularly used on works on engines and are suitable for use with torque wrenches.

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	34,40
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GEDORE

1/2"

970RC



Orig. Gedore - Art. 1994

Product description as Art. 970RC

Square drives 37mm.

970RD	Each	5,10
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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	13,60	13,60	14,60	18,20	20,60	25,30

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	34,70	38,20

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	23,70	33,60	29,30

GEDORE

1/2"

970RG



970RGE **GEDORE**

1/2"

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 39,80

970RH **GEDORE**

1/2"

Orig. Gedore - Art. 1987

Product description as Art. 970RC

Sliding bars 290mm.

970RH Each 22,30

970RI **GEDORE**

1/2"

Orig. Gedore - Art. 1995

Product description as Art. 970RC

Cardan joints 73mm.

970RI Each 36,80

970RL **GEDORE**

1/2"

Orig. Gedore - Art. 1981 K

Product description as Art. 970RC

Fixed, bent levers 220mm.

970RL Each 20,40

970RM **GEDORE**

1/2"

Orig. Gedore - Art. 1997

Product description as Art. 970RC

Jointed levers 380mm.

970RM Each 62,70

When stocks run out the ratchet lever will be supplied with a black/blue handle.

RATCHETS

970RN **GEDORE**

1/2"

Orig. Gedore - Art. 1940

In CHROME VANADIUM steel.

Chrome plated finish. 1/2" square drive (12.7mm).

Fixed knurled disk to be inserted between the ratchet lever and the socket for rapid approach of screws.

970RN Each 9,18

970RP **GEDORE**

1/2"

Orig. Gedore - Art. 1993Z-94

Product description as Art. 970RN

Ratchets with reverse square drive. Rubber handle. Fine toothed.

Length: 270mm.

970RP Each 53,50

970RS **GEDORE**

1/2"

Orig. Gedore - Art. 1993U-3

Product description as Art. 970RN

Ratchets with dial change for clockwise and counter clockwise operation.

Rubber handle. Fine toothed.

Length: 270mm.

970RS Each 67,70

970RT **GEDORE**

1/2"

Orig. Gedore - Art. 1993U-10T

Product description as Art. 970RN

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 99,50

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. 970RN

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 87,10

Orig. Gedore - Art. 1993U-10L

Product description as Art. 970RN
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 **120,00**

GEDORE **1/2"** **970RU**



Orig. Gedore - Art. 1993ALU-10

Product description as Art. 970RN
Ratchets, in aluminium, weight: 350gr, with lever change for clockwise, counter-clockwise and fixed operation.
Rubber handle. Fine toothed. Length: 270mm.
Tip klick quick change, with button.

970RV Each **128,00**

When stocks run out the ratchet lever will be supplied with a black/blue handle.

GEDORE **1/2"** **970RV**



Orig. Gedore - Art. 1993GU-3

Product description as Art. 970RN
Ratchets, bent at 180°. With dial change for clockwise, counter clockwise and fixed operation.
Rubber handle. Fine toothed. Length: 282mm.

970RZ Each **97,30**

When stocks run out the ratchet lever will be supplied with a black/blue handle.

GEDORE **1/2"** **970RZ**



SPARE PARTS FOR SOCKETS

Orig. Gedore - Art. 1993GU-10XL

In CHROME VANADIUM steel.
Chrome plated finish. 1/2" square drive (12.7mm).
Ratchets extra-long, connection 180° with block, weight: 350gr, with lever change for clockwise, counter-clockwise and fixed operation.
Rubber handle. Fine toothed. Length: 600mm.
Tip klick quick change, with button.

970S Each **180,00**

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**

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 **76,10**

SCU **1/2"** **970V**



EXTENSIBLE

Orig. Carolus - Art. 5190.0600

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 **54,70**

carolus **1/2"** **970VA**
by GEDORE **new**



EXTENSIBLE

Orig. Carolus - Art. 5190.0580

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 **65,70**

carolus **1/2"** **970VE**
by GEDORE **new**



EXTENSIBLE

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

971GD

carolus
by GEDORE

1/2"



Orig. Carolus - Art. 5012.00

Product description as Art. 971A

Assorted set of 24 tools

comprising:

- 17 x bi-hex sockets Art. 971 RLE. Dimensions:10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 28 - 30 - 32mm
 - 1 x insert socket adapter, 1/2" square drive, 5/16" hexagonal 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 rod Art. 971 RF
 - 1 x 280mm ratchet with lever change, rapid release Art. 971 RT.
- Complete assortment.

971GD Each 168,00

971GE

carolus
by GEDORE

1/2"



Orig. Carolus - Art. 5000.00

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 172,00

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



Orig. Carolus - Art. 5500.2024

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 **122,00**

carolus
by GEDORE

1/2"

971GPE
new



Orig. Carolus - Art. 5512.2024

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 **122,00**

carolus
by GEDORE

1/2"

971GPL
new



Orig. Carolus - Art. 5800.00

In special 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.

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 **248,00**

carolus
by GEDORE

1/2"

971GR

1/4"



971GTE carolus
 new by GEDORE


1/2"

1/4"

5/16"

Orig. Carolus - Art. 5800.2094

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

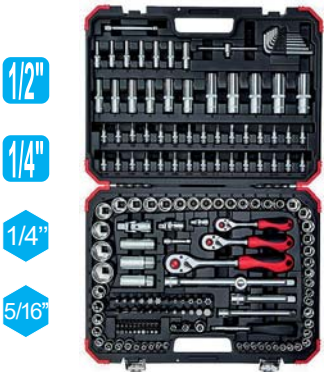
1 sliding adapter, square connection, 1/4" connection

Complete assortment.

971GTE

Each

165,00

971GTF carolus
 new by GEDORE


1/2"

1/4"

1/4"

5/16"

Orig. Carolus - Art. 5860.2172

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.

Assorted sets supplied in sturdy plastic case.

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

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

Complete assortment.

971GTF

Each

208,00

Orig. Carolus - Art. 5560.00

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 **148,00**

carolus
by GEDORE

971L



1/2"

Orig. Carolus - Art. 5530.00

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 **116,00**

carolus
by GEDORE

971P



TORX **TORX**

1/2"

SPARE PARTS FOR SOCKETS

Orig. Carolus - Art. 5150.75

In special steel.

Chrome plated finish. 1/2" square drive (12.7mm).

Extension 75mm.

971RA Each **6,08**

carolus
by GEDORE

1/2"

971RA



Orig. Carolus - Art. 5150.12

Product description as Art. 971RA

Extension 125mm.

971RD Each **6,84**

carolus
by GEDORE

1/2"

971RD



Orig. Carolus - Art. 5150.25

Product description as Art. 971RA

Extension 250mm.

971RE Each **10,10**

carolus
by GEDORE

1/2"

971RE



Orig. Carolus - Art. 5140.00

Product description as Art. 971RA

Sliding bar 250mm.

971RF Each **11,60**

carolus
by GEDORE

1/2"

971RF



Orig. Carolus - Art. 5130.00

Product description as Art. 971RA

Cardan joint 65mm.

971RG Each **11,40**

carolus
by GEDORE

1/2"

971RG



Orig. Carolus - Art. 5160.00

Product description as Art. 971RA

Insert socket adapter, 1/2" square drive, 5/16" hexagonal drive. Length 38 mm.

971RI Each **4,48**

carolus
by GEDORE

1/2"

971RI



5/16"

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**

carolus
by GEDORE

1/2"

971RL



1/2"

Ideal for use in combination with ratchet wrenches Art. 879 D/879 FE/879 GE/879 GM x 19.

SOCKETS 1/2" DRIVE, DIN 3120-ISO 1174

971RLE carolus
by GEDORE



1/2"

Orig. Carolus - Art. 5112 - 5111
In special steel.
Chrome plated finish. 1/2" square drive (12.7mm).
Internal bi-hex type. Length 36mm.

Opening	mm	8	9	10	11	12	13	14	15
971RLE	Each	4,18	4,18	4,18	4,18	4,18	4,34	4,34	4,34
Opening	mm	16	17	18	19	20	21	22	23
971RLE	Each	4,34	4,80	4,80	4,80	5,40	5,40	5,40	5,84
Opening	mm	24	26	27	28	30	32	34	
971RLE	Each	5,84	6,32	6,32	7,98	7,98	7,98	8,82	
Opening	inch	25/32*	15/16*	1.1/16*	1.3/16*	1.1/4*			
971RLE	Each	4,80	5,72	6,80	8,20	8,34			

* Sizes running out of stock

971RLF carolus
by GEDORE



1/2"

Orig. Carolus - Art. 5180
Product description as Art. 971RLE
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	16	18	19	20	21	22	23	24
971RLF	Each	4,34	4,80	4,80	5,40	5,40	5,40	5,84	5,84
Opening	mm	26	27	28	30	32	34		
971RLF	Each	6,32	6,32	7,98	7,98	7,98	8,82		

Product running out of stock

971RM carolus
by GEDORE



1/2"

Orig. Carolus - Art. 5100
Product description as Art. 971RLE
Hexagonal sockets. Length 36 mm.

Opening	mm	8	9	10	11	12	13	14	15
971RM	Each	4,18	4,18	4,18	4,18	4,18	4,34	4,34	4,34
Opening	mm	16	17	18	19	20	21	22	23
971RM	Each	4,34	4,80	4,80	4,80	5,40	5,40	5,40	5,84
Opening	mm	24	26	27	28	30	32	34	
971RM	Each	5,84	6,32	6,32	7,98	7,98	7,98	8,82	

971RP carolus
by GEDORE



1/2"

Orig. Carolus - Art. 5106
Product description as Art. 971RLE
Long pattern, internal hex type.
Length: 77mm.

Opening	mm	10	12	13	14	15	17	19	21
971RP	Each	8,36	8,36	8,36	9,20	9,20	9,20	9,74	9,74
Opening	mm	22	23	24	27	30	32	34	
971RP	Each	9,74	9,74	10,50	12,50	13,30	14,90	16,40	

971RPT carolus
by GEDORE



1/2"

Orig. Carolus - Art. 5300
Product description as Art. 971RLE
Internal TORX type.
Length: 36mm.

TORX size	E	10	11	12	14	16	18	20	22	24
Seal	mm	9,3	10,08	11,1	12,8	14,7	16,6	18,4	20,4	22,1
971RPT	Each	7,38	7,38	7,38	7,38	7,60	7,60	8,22	8,60	9,58

971RQ carolus
by GEDORE



1/2"

Orig. Carolus
Product description as Art. 971RLE
External hex type.

Type		4	5	5A	5F	6	6A	6E	7
Opening	mm	4	5	5	5	6	6	6	7
Overall length	mm	60	60	80	180	60	80	140	60
Supplier code		5135.04	5135.05	5136.05	5142.05	5135.06	5136.06	5141.06	5135.07
971RQ	Each	7,60	7,60	7,98	11,70	7,60	7,98	10,30	7,60
Type		7B	8	8A	8C	9	10	10E	11
Opening	mm	7	8	8	8	9	10	10	11
Overall length	mm	100	60	80	120	60	60	140	60
Supplier code		5138.07	5135.08	5136.08	5139.08	5135.09	5135.10	5141.10	5135.11
971RQ	Each	7,98	7,60	7,98	9,58	7,98	7,98	11,70	7,98
Type		12	12E	14	14E	17	19		
Opening	mm	12	12	14	14	17	19		
Overall length	mm	60	140	60	140	60	60		
Supplier code		5135.12	5141.12	5135.14	5141.14	5135.17	5135.19		
971RQ	Each	7,98	12,00	8,36	11,70	8,98	9,28		

Prices in EURO - VAT not included

Orig. Carolus - Art. 5303

Product description as Art. 971RLE

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
971RQT	Each	7,76	7,76	8,36	8,36	8,36	8,74	8,74
TORX size	T	55	60	70				
Seal	mm	11,22	13,25	15,51				
971RQT	Each	11,60	12,00	11,60				

carolus
by GEDORE

971RQT



RATCHETS

Orig. Carolus - Art. 5170.00

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 **31,90**

carolus
by GEDORE

1/2"

971RR



Orig. Carolus - Art. 5190.30

Product description as Art. 971RR

Ratchets with dial change for clockwise and counter clockwise operation. Rubber dual component handle.

Fine toothed. Length: 280mm.

971RS Each **39,90**

carolus
by GEDORE

1/2"

971RS



Orig. Carolus - Art. 5190.20

Product description as Art. 971RR

Ratchets with lever change for clockwise and counter-clockwise operation. Rubber dual component handle.

Tip click quick change, with button. Fine toothed. Length: 280mm.

971RT Each **39,90**

carolus
by GEDORE

1/2"

971RT



Orig. Carolus - Art. 5190.50

Product description as Art. 971RR

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. Carolus - Art. 5290.00

Product description as Art. 971RR

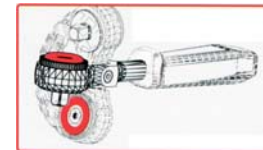
Flexible ratchet, multi angled. With dial change for clockwise and counter clockwise operation. Rubber handle. Fine toothed. Length: 260mm.

971RV Each **63,70**

carolus
by GEDORE

1/2"

971RV



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 **119,00**

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 **136,00**

GEDORE

972GA
972GB



972GC GEDORE


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 **251,00**

972GD GEDORE


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 **277,00**

972GF GEDORE


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 **169,00**

972GF 3 GEDORE


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 **159,00**

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 **184,00**

GEDORE

972GH



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 **405,00**

GEDORE

972GI



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 **333,00**

GEDORE

972GK



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 **571,00**

GEDORE

972GK 3



SETS OF SOCKETS

973G **GEDORE**
974G



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 **625,00**

Orig. Gedore - Art. D32 EMZ

Product description as Art. 973G

14-tool sets.

Each set contains:

10 x 22 - 24 - 27 - 30 - 32 - 36 - 38 - 41 - 46 - 50mm bi-hex sockets Art. 974 RB

1 x 510mm square ratchet, Art. 974 RP + 974 RD

1 x 500mm sliding bar Art. 974 RH

1 x 200mm extension Art. 974 RE

1 x 400mm extensions Art. 974 RF

Complete assortment.

974G Each **622,00**

974GP **GEDORE**



3/4"

Orig. Gedore - Art. D32 EAZ

Product description as Art. 973G

14-tool sets.

Each set contains:

10 x bi-hex sockets. US inch sizes: 15/16 - 1.1/16 - 1.1/8 - 1.1/4 - 1.5/16 - 1.3/8 - 1.1/2 - 1.5/8 - 1.7/8 - 2 Art. 974 RB

1 x 510mm square ratchet, Art. 974 RP + 974 RD

1 x 500mm sliding bar Art. 974 RH

1 x 200mm extension Art. 974 RE

1 x 400mm extension Art. 974 RF

Complete assortment.

974GP Each **672,00**

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 **799,00**

SOCKETS, 3/4" DRIVE, DIN 3120-ISO 1174

974RA **GEDORE**



3/4"

Orig. Gedore - Art. 32

In CHROME VANADIUM steel. Chrome plated finish. Slots inside the square drive for ratchet balls and sliding bars.

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	35,10	21,10	24,30	21,90	21,20	23,10	25,70
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	24,80	24,50	29,50	28,90	30,20	28,90	42,90
Opening	mm	46	50	55	60				
Overall length	mm	65,5	68,5	68,5	68,5				
	974RA	Each	45,10	54,10	61,20	71,40			

Orig. Gedore - Art. D32

Product description as Art. 974RA

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	21,10	24,40	21,90	21,30	23,10	25,80	24,80	24,60
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	68,5
974RB	Each	29,60	30,20	28,90	42,90	45,10	54,10	61,20	71,40
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	23,30	23,20	23,20	23,20	25,20	25,80	29,30	30,00
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	31,20	31,70	48,50	48,50	53,80	57,10	57,10	57,10

GEDORE

974RB



3

Orig. Gedore - Art. IN32

Product description as Art. 974RA

External hex type. Length: 80mm.

Opening	mm	14	17	19	22
974RC	Each	25,60	29,90	31,70	34,40

GEDORE

974RC



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	41,40	43,10	46,10	49,10

GEDORE

974RCL



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	41,40	43,60	45,80	48,10	50,20

GEDORE

974RCT



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	14,60
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GEDORE

3/4"

974RD



Orig. Gedore - Art. 3290-8

Product description as Art. 974RD

Extensions 200mm.

974RE	Each	40,90
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GEDORE

3/4"

974RE



Orig. Gedore - Art. 3290-16

Product description as Art. 974RD

Extensions 400mm.

974RF	Each	54,50
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GEDORE

3/4"

974RF



Orig. Gedore - Art. 3287

Product description as Art. 974RD

Sliding bars 500mm.

974RH	Each	52,90
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GEDORE

3/4"

974RH



974RI **GEDORE** **3/4"**



Orig. Gedore - Art. 3295
Product description as Art. 974RD
Cardan joints 108mm.

974RI Each **133,00**

974RL **GEDORE** **3/4"**



Orig. Gedore - Art. 3296
Product description as Art. 974RD
Jointed levers 547mm.

974RL Each **120,00**

RATCHETS

974RP **GEDORE** **3/4"**



Orig. Gedore - Art. 3293Z
In CHROME VANADIUM steel.
Chrome plated finish. 3/4" square drive (19mm).

Ratchets without square drive (square drive: see ved. Art. 974 RD). Length: 510mm. Fine and sturdy toothed.

974RP Each **118,00**

974RS **GEDORE** **3/4"**



Orig. Gedore - Art. 3293U-2
Product description as Art. 974RP

Ratchets with dial change for clockwise and counter clockwise operation. Length: 510mm. Fine and sturdy toothed.

974RS Each **148,00**

974RT **GEDORE** **3/4"**



Orig. Gedore - Art. 3293U-3
Product description as Art. 974RP

Ratchets with dial change for clockwise and counter clockwise operation. Handle in steel tubing. Length: 620mm. Fine toothed.

974RT Each **195,00**

974RV **GEDORE** **3/4"**



Orig. Gedore - Art. 3293U-10
Product description as Art. 974RP

Ratchets with lever change for clockwise and counter clockwise operation. Handle in steel tubing. Length: 620mm. Fine and sturdy toothed.

974RV Each **235,00**

SETS OF SOCKETS

975G **carolus** **3/4"**
by GEDORE



Orig. Carolus - Art. 8100.00
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 **414,00**

SOCKETS, 3/4" DRIVE, DIN 3120-ISO 1174

975RA **carolus** **3/4"**
by GEDORE



Orig. Carolus - Art. 8100

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	11,70	11,70	11,70	11,70	12,50	13,30	14,30	14,90
Opening	mm	36	38	41	46	50	55	60	
Overall length	mm	58	58	63	68	68	75	77	
975RA	Each	16,60	16,60	20,10	21,60	24,80	29,90	34,80	

SPARE PARTS FOR SOCKETS

Orig. Carolus - Art. 8150.20

In special steel.
 Chrome plated finish. 3/4" square drive (19mm).
 Extensions 200mm.

975RE Each **23,20**



Orig. Carolus - Art. 8150.40

Product description as Art. 975RE
 Extensions 200mm.

975RF Each **37,60**



Orig. Carolus - Art. 8140.00

Product description as Art. 975RE
 Sliding bars 500mm.

975RH Each **39,60**



Orig. Carolus - Art. 8130.00

Product description as Art. 975RE
 Cardan joints 108mm.

975RI Each **50,30**



CONVERTERS

Orig. Carolus - Art. 8160.00

Converters. In special steel.

Int. square drive	inch	3/4
Ext square drive	inch	1
Overall length	mm	61

975RL Each **29,90**



RATCHETS

Orig. Carolus - Art. 8170.00

In special steel.
 Chrome plated finish. 3/4" square drive (19mm).
 Ratchets with square drive, bidirectional. Handle made of a steel pipe. Length: 510mm. Fine and sturdy toothing.

975RP Each **95,80**



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 **1.500,00**



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 **1.660,00**



SOCKETS, 1" DRIVE, DIN 3120-ISO 1174
977RB GEDORE

Orig. Gedore - Art. D21

In CHROME VANADIUM steel. Chrome plated finish. Slots inside the square drive for ratchet balls and sliding bars.

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	50,60	58,60	68,60	76,90	93,40	107,00	127,00
Opening	mm	70	75	80				
Overall length	mm	92	95	97				
977RB	Each	136,00	155,00	157,00				
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	64,70	78,20	94,70	90,30	99,00	99,00
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	106,00	106,00	117,00	117,00	138,00	138,00	152,00
Opening	inch	2.13/16	2.15/16	3	3.1/8			
Overall length	mm	92	95	95	97			
977RB	Each	161,00	161,00	161,00	186,00			

977RC GEDORE

Orig. Gedore - Art. IN21

Product description as Art. 977RB

External hex type.

Length: 90mm.

Opening	mm	17	19	22	24	27
977RC	Each	61,70	63,70	66,10	68,50	71,60

SPARE PARTS FOR SOCKETS
977RD GEDORE

Orig. Gedore - Art. 2194

In CHROME VANADIUM steel.

Chrome plated finish. 1" square drive (25.4mm).

Square drives 67mm.

977RD	Each	30,60
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977RE GEDORE

Orig. Gedore - Art. 2190-8

Product description as Art. 977RD

Extensions 200mm.

977RE	Each	75,50
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977RF GEDORE

Orig. Gedore - Art. 2190-16

Product description as Art. 977RD

Extensions 200mm.

977RF	Each	106,00
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977RH GEDORE

Orig. Gedore - Art. 2187

Product description as Art. 977RD

Sliding bars 700mm.

977RH	Each	116,00
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977RI GEDORE

Orig. Gedore - Art. 2195

Product description as Art. 977RD

Cardan joints 140mm.

977RI	Each	258,00
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RATCHETS
977RP GEDORE

Orig. Gedore - Art. 2193Z-94

In CHROME VANADIUM steel.

Chrome plated finish. 1" square drive (25.4mm).

Ratchets with reverse square drive. Handle in steel tubing. Length 720mm. Fine and sturdy toothing.

977RP	Each	254,00
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Orig. Gedore - Art. 2193U-3

Product description as Art. 977RP

Ratchets with dial change for clockwise and counter clockwise operation. Handle in steel tubing. Length: 720mm. Fine toothing.

977RS Each **324,00**

GEDORE

1"

977RS



Orig. Gedore - Art. 2193U-10

Product description as Art. 977RP

Ratchets with lever change for clockwise, counter clockwise and fixed operation. Handle in steel tubing. Length: 810mm. Fine and sturdy toothing.

977RT Each **285,00**

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 **303,00**

SCU

3/4"

979G



When the stocks will be run out, the ratchet will be supplied with lever.

Cardan joints: see Art. 975 RI

SOCKETS, 3/4" DRIVE

Prod. SCU

In CHROME VANADIUM steel. Chrome plated finish. Slots inside the square drive for ratchet balls and sliding bars.

Internal hex type.

Opening	mm	22	24	27	30	32	36	38
Overall length	mm	50	50	50	52	52	57	57
979RA	Each	9,62	9,84	10,20	10,90	11,50	14,30	16,10
Opening	mm	41	46	50				
Overall length	mm	62	65	68				
979RA	Each	17,10	19,30	21,60				

SCU

3/4"

979RA



RATCHETS

Prod. SCU

In CHROME VANADIUM steel.

Chrome plated finish. 3/4" square drive (19mm).

Ratchet with dial change for clockwise and counter clockwise operation. Length: 500mm.

979RD Each **89,10**

When the stocks will be run out, the ratchet will be supplied with lever.

SCU

3/4"

979RD



SPARE PARTS FOR SOCKETS

Prod. SCU

In CHROME VANADIUM steel.

Chrome plated finish. 3/4" square drive (19mm).

Sliding bars 450mm.

979RF Each **31,60**

SCU

3/4"

979RF



Product description as Art. 979RF

Extensions 100mm.

979RL Each **15,70**

SCU

3/4"

979RL



Product description as Art. 979RF

Extensions 200mm.

979RP Each **21,60**

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 **879,00**

SOCKETS, 1" DRIVE

980RA

SCU



Prod. SCU

In CHROME VANADIUM steel. Chrome plated finish.
Inside slots for ratchet balls and sliding bars.
Internal hex type.

Opening	mm	36	41	46	50	55	60	65
Overall length	mm	65	70	76	78	80	88	90
980RA	Each	21,20	22,90	27,60	33,10	38,10	44,70	50,80
Opening	mm	70	75	80				
Overall length	mm	98	102	108				
980RA	Each	63,80	73,70	79,50				

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 clockwise and counterclockwise operation. Length: 200mm.

980RD Each **189,00**

980RF

SCU



In CHROME VANADIUM steel.
Chrome plated finish. 1" square drive (25.4mm).
Sliding head. Length: 80mm.

980RF Each **36,70**

980RH

SCU



Product description as Art. 980RF
Lever for ratchet/sliding heads. Length: 630mm.

980RH Each **56,60**

980RL

SCU



Product description as Art. 980RF
Extensions 200mm.

980RL Each **45,70**

980RP

SCU



Product description as Art. 980RF
Extensions 400mm.

980RP Each **76,10**

REDUCERS AND CONVERTERS

981GE **carolus**
new by GEDORE



Through square drive

Through square drive

Orig. Carolus - Art. 5141.0002

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 **36,50**



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	68,10
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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		12,40	11,80	16,40	36,70

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		11,80	12,80	22,40	43,70

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.

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	8,50	8,50	8,48	8,48	8,66	8,62	8,66
Opening	mm	12	13	14	17			
Overall length	mm	23	23	25	26			
981GZ	Each	8,66	10,70	10,70	10,70			
Opening	inch	3/16	1/4	5/16	3/8	7/16		
Overall length	mm	23	23	23	23	23		
981GZ	Each	9,26	9,26	9,06	9,06	9,26		

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	5,94	5,94	5,94	5,94	5,94	5,94	5,94
Opening	mm	10	13	14				
981GZA	Each	6,40	6,72	7,02				

SCU

1/4"

981GZA



Orig. Gedore - Art. K30

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Hex sockets, 3/8" drive. Total length 30mm.

Opening	mm	6	7	8	9	10	11	12
982G	Each	10,10	10,10	10,10	10,30	10,10	10,10	10,10
Opening	mm	13	14	15	16	17	18	19
982G	Each	10,10	10,10	10,30	10,30	10,30	10,10	11,90
Opening	mm	20	21	22	23	24		
982G	Each	12,20	12,20	13,20	13,20	13,20		

GEDORE

3/8"

982G



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			

carolus
by GEDORE

3/8"

982G 2





Orig. Carolus - Art. 6406

Product description as Art. 982G 2

Hex sockets, extra-long, 3/8" drive. Total length 63mm.

Opening	mm	8	10	11	12	13	14	15
982G 2L	Each	7,68	7,68	7,98	7,98	8,82	8,82	8,82
Opening	mm	16	17	18	19			
982G 2L	Each	8,82	9,58	9,58	10,50			



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	12,80	12,80	12,80	12,80	12,80	14,20	14,20



Orig. Carolus - Art. 6435

Made from special steel. Square drive insert. Burnished. Suitable for impact based screwdrivers or for use with compressed air.

External hex sockets, 3/8" drive. Total length 52mm.

Opening	mm	6	7	8	10
982G 4	Each	8,98	8,82	8,82	8,82

SETS OF SOCKETS



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	60,10
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Orig. Carolus - Art. 5540.00

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	74,30
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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.

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	9,10	9,14	9,14	9,14	9,14	9,14	9,42	9,40	9,40
Opening	mm	19	21	22	23	24	27	30	32	
Overall length	mm	38	38	38	38	45	50	50	50	
982GA	Each	9,40	10,20	10,20	11,10	10,80	12,60	16,20	17,70	
Opening	inch	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	
Overall length	mm	38	38	38	38	38	38	38	38	
982GA	Each	10,40	10,40	10,40	10,40	10,60	10,60	10,60	14,20	
Opening	inch	7/8	15/16	1	1.1/16	1.1/8	1.1/4	1.5/16		
Overall length	mm	38	38	38	40	40	40	43		
982GA	Each	14,30	14,30	20,60	20,60	26,40	28,60	35,40		

Prod. SCU - Art. 5400

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	6,00	6,00	6,00	6,00	6,00	6,00	6,32
Opening	mm	17	18	19	21	22	23	24
Overall length	mm	38	35	38	38	43	39	43
982GB	Each	6,32	10,30	6,32	6,76	6,76	11,10	7,98
Opening	mm	27	30	32				
Overall length	mm	45	48	48				
982GB	Each	9,96	11,60	11,60				

Sizes mm 18 and 23 are made by SCU.

982GB

3
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	6,42	6,42	6,42	6,42	6,42	6,42	7,06
Opening	mm	16	17	18	19	21	22	23
Overall length	mm	38	38	38	38	38	42	42
982GBD	Each	7,06	7,06	7,46	7,46	7,90	8,98	9,80
Opening	mm	24	27	30	32			
Overall length	mm	42	42	45	45			
982GBD	Each	10,30	12,90	14,90	15,80			

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	15,90	15,90	16,80	16,80	17,70	18,50

Product running out of stock

982GBE


For quick bolt insertion

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	21,90	21,90	21,90	21,90	22,20	22,20	22,30
Opening	mm	19	21	22	24	27		
Overall length	mm	82	82	82	82	82		
982GC	Each	22,20	22,20	22,30	22,90	26,70		

982GC

SOCKETS FOR IMPACT WRENCHES SHANK 1/2 DIN 3121-ISO 1174
Orig. Carolus - Art. 5406

In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Extra long hexagonal sockets, 1/2" drive.

Overall length: 85mm.

Opening	mm	8	10	11	12	13	14	15
982GCA	Each	16,70	9,80	9,80	9,80	9,80	9,80	11,10
Opening	mm	16	17	18	19	21	22	24
982GCA	Each	11,10	11,10	18,30	11,20	12,10	12,40	13,00
Opening	mm	27						
982GCA	Each	25,60						

Sizes mm 8-18-27 are Prod. SCU.

982GCA


982GCB 

1/2"

**Prod. SCU**

Product description as Art. 982GCA

Polygonal sockets, extra long, connection 1/2".

Total length 80 mm.

Opening	mm	8	10	11	12	13	14	15
982GCB	Each	10,20	10,20	10,20	10,20	10,20	10,20	10,40
Opening	mm	16	17	18	19	21	22	24
982GCB	Each	10,40	11,70	11,70	12,10	14,10	14,40	15,60
Opening	mm	30	32	36				
982GCB	Each	17,30	17,40	21,10				

The socket wrenches with an opening of 30-32-36 mm are particularly suitable for motor vehicle hubs.

982GCE 

1/2"



For tight spaces

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
982GCE	Each	18,30	18,30	20,60

To be used with torque torsion bars Art. 982 GDZ

982GCT 


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	15,10	15,10	15,10	15,10	15,10	16,40	16,40

982GCZ 


1/2"

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	10	11	12	14
For threads	M.	5	6	6-7	8	9	10	12
Seal	mm	5,6	6,1	7,4	9,3	10,08	11,1	12,8
Overall length	mm	38	38	38	38	38	38	38
982GCZ	Each	7,90	7,90	7,90	7,90	7,90	7,90	7,90
TORX size	E	16	18	20	22	24		
For threads	M.	-	14	16	16-18	18-20		
Seal	mm	14,7	16,6	18,4	20,4	22,1		
Overall length	mm	38	38	38	38	42		
982GCZ	Each	7,90	7,90	9,96	11,60	11,60		

982GD 


1/2"

Orig. Gedore - Art. INK 19

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

External TORX 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	22,30	22,30	22,30	22,30	23,80	23,80	26,60

982GD 2 


1/2"

Orig. Carolus - Art. 5435

Made from special steel. Square drive insert. Burnished. Suitable for impact based screwdrivers or for use with compressed air.

External hex sockets, 1/2" drive. Total length 60mm.

Opening	mm	10	12	14	17	19
982GD 2	Each	15,40	15,40	15,40	18,10	20,60

982GDA 


1/2"

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	30,50	30,50	30,50	32,10	32,10

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	34,20	35,20	37,60	39,50	39,50	39,50

GEDORE

982GDT



1/2"

SETS OF SOCKETS

Orig. Carolus - Art. 5575.00

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	45,50
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carolus
by GEDORE

982GDV



1/2"

SOCKETS FOR IMPACT WRENCHES DIN 3129-ISO 2725

Orig. Carolus - Art. 5575

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	14,90	14,90	14,90	16,60

Size 15 mm is particularly suitable for the rims of SMART cars.

Size 22 mm is particularly suitable for the rims of OPEL - INSIGNA cars.

Plastic sheath for external protection for Art. 982 GDVA.

Opening	mm	17	19	21	22
O982GDVA	Each	2,06	2,06	2,06	2,06

carolus
by GEDORE

982GDVA



1/2"

IMPACT TORQUE STICKS

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	45,80	45,80	45,80

SCU

982GDZ



1/2"

SETS OF SOCKETS

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	125,00
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GEDORE

982GDZ 400



3/4"

SOCKETS FOR IMPACT WRENCHES SHANK 3/4 E 1" DIN 3121-ISO 1174

982GE



Orig. Gedore - Art. K 32
Product description as Art. 982GDZ 400
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	25,50	25,60	25,10	27,70	27,70	29,10	29,80	32,30
Opening	mm	33	34	36	38	41			
Overall length	mm	55	55	56	59	59			
982GE	Each	38,20	40,60	37,80	45,80	50,50			
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	29,20	30,20	29,60	31,60	32,10	32,60	36,10	41,70
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	64	64	64	67	67
982GE	Each	41,70	50,90	50,90	54,80	57,90	59,20	76,90	88,60

982GEB



Orig. Carolus
In special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.
Hexagonal sockets, 3/4" drive.

Opening	mm	17	18	19	22	24	26	27
Overall length	mm	50	50	50	50	50	50	54
Supplier code		8106	8106	8106	8106	8106	8106	8106
982GEB	Each	15,20	15,20	15,20	17,10	17,50	18,40	18,40
Opening	mm	29	30	32	33	34	35	36
Overall length	mm	54	54	57	57	57	57	57
Supplier code		8106	8106	8106	8106	8106	8106	8106
982GEB	Each	20,10	20,10	20,50	21,60	22,40	23,20	24,80
Opening	mm	38	41	46	50	55	60	
Overall length	mm	57	57	65	70	75	80	
Supplier code		8106	8106	-	-	-	-	
982GEB	Each	29,50	31,60	41,20	51,10	61,10	64,80	

Sizes mm 46 - 50 - 55 - 60 are made by SCU.

982GEC



Prod. SCU
Product description as Art. 982GEB
Polygonal sockets, 3/4" drive.

Opening	mm	17	18	19	22	24	27	30
Overall length	mm	50	50	50	50	50	50	55
982GEC	Each	13,80	13,80	13,80	13,80	14,50	14,50	15,50
Opening	mm	32	33	34	35	36	41	46
Overall length	mm	55	55	55	55	55	55	55
982GEC	Each	16,00	16,30	16,60	17,10	18,40	22,40	26,80

982GEL



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.

Opening	mm	17	18	19	22	24	27	30
982GEL	Each	39,60	38,90	39,80	42,30	42,30	43,60	53,10
Opening	mm	32	33	34	36	41		
982GEL	Each	56,40	68,60	74,10	69,10	71,40		

18mm sockets are SCU product.

982GEL 2



Orig. Carolus - Art. 8406
Made from special steel. Square drive insert. Burnished. Suitable for impact based screwdrivers or for use with compressed air.
Hex sockets, extra-long, 3/4" drive.
Length 100mm.

Opening	mm	17	19	20	21	22	23	24	
982GEL 2	Each	26,60	26,70	26,70	26,70	28,50	28,50	28,50	
Opening	mm	25	26	27	28	29	30	32	
982GEL 2	Each	28,50	28,50	29,30	30,70	31,20	35,70	37,90	
Opening	mm	35							
982GEL 2	Each	39,90							

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.

Opening	mm	14	17	19	22	24	27
Overall length	mm	59	62	64	67	67	67
982GEM	Each	34,40	34,30	34,30	34,30	34,10	34,10

982GEM

Orig. Carolus - Art. 8435

Made from special steel. Square drive insert. Burnished. Suitable for impact based screwdrivers or for use with compressed air.

External hex sockets, 3/4" drive.

Total length 90mm.

Opening	mm	22	24	27	30	32
982GEN	Each	27,20	27,20	27,20	28,80	28,80

982GEN

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	47,30	47,30	58,10	58,10	58,10	62,50

982GEP

Orig. Gedore - Art. K 21

Reinforced type in GEDORE 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	36
Overall length	mm	55	55	55	57	57	57	60	60
982GF	Each	42,30	42,30	42,30	42,30	42,30	47,10	47,10	47,10

Opening	mm	38	41	42	46	50	55	60	65
Overall length	mm	64	64	64	69	72	76	82	85
982GF	Each	55,80	55,80	60,70	60,70	69,80	73,70	82,90	126,00

Opening	mm	70	75	80
Overall length	mm	88	92	97
982GF	Each	151,00	170,00	184,00

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	72	80
982GF	Each	45,50	45,50	58,30	58,30	58,30	82,30	86,10	123,00

982GF

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	35,10	36,60	36,60	36,60	36,60	36,60	38,10

Opening	mm	36	38	41	42	46	50	55
Overall length	mm	67	67	70	70	76	82	87
982GFB	Each	39,70	42,70	47,30	48,80	48,80	59,50	64,10

Opening	mm	60	65	70
Overall length	mm	91	95	100
982GFB	Each	79,30	86,90	91,50

982GFB

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	66,70	66,70	66,70	72,10	74,10	81,20	81,60

Opening	mm	36	38	41	46
982GFL	Each	77,10	84,10	87,50	114,00

982GFL

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	47,90	47,90	47,90	47,80	47,90	47,80	52,40

982GFP


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	159,00	159,00	159,00	159,00	183,00

SOCKETS FOR IMPACT WRENCHES SHANK 1.1/2" - 2.1/2" DIN 3121-ISO 1174

982GH

GEDORE

1.1/2"



Orig. Gedore - Art. K 37

Reinforced type in GEDORE special steel. Square drive. Burnished. Suitable for impact or compressed air wrenches.

Hexagonal sockets, 1 1/2" drive.

Opening	mm	46	50	55	60	65	70	75
Overall length	mm	80	82	88	92	96	101	105
982GH	Each	155,00	167,00	181,00	203,00	231,00	276,00	308,00

Opening	mm	80	85	90	95	100	105	110
Overall length	mm	110	116	118	118	125	125	137
982GH	Each	354,00	369,00	387,00	478,00	505,00	567,00	731,00

Opening	mm	115	120
Overall length	mm	137	145
982GH	Each	771,00	1.220,00

982GL

GEDORE

1.1/2"



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	433,00	433,00	433,00	433,00	443,00	491,00	553,00

Opening	mm	75	80	85	90	95	100	105
Overall length	mm	140	140	140	140	150	150	150
982GL	Each	618,00	748,00	755,00	798,00	938,00	1.030,00	1.130,00

Opening	mm	110	115	120
Overall length	mm	160	160	170
982GL	Each	1.440,00	1.610,00	3.070,00

982GM

GEDORE

2.1/2"



Orig. Gedore - Art. K 64

Product description as Art. 982GH

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	651,00	651,00	665,00	753,00	854,00	984,00	1.060,00

Opening	mm	110	115	120
Overall length	mm	150	150	158
982GM	Each	1.160,00	1.230,00	1.390,00

ACCESSORIES FOR IMPACT SOCKET ATTACHMENTS

982RA

GEDORE



Orig. Gedore

GEDORE-SONDERSTAHL reinforced type. Square connection hole. Burnished finish. Suitable for percussion and compressed-air screwdrivers.

(also applicable to impact socket attachment Prod. SCU)

Rubber rings.

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	0,38	0,56	0,62	0,28	0,32	1,68	3,14	6,72	6,72	20,30

Product description as Art. 982RA
Steel pins.

GEDORE

982RB

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	0,42	1,90	2,04	0,72	0,72	1,00	1,14	2,02	2,02	9,84

Orig. Gedore - Art. KB2090-2

Product description as Art. 982RA

Extensions, 1/4" connection

Length	mm	50
982RC	Each	17,70

GEDORE

1/4"

982RC



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	19,20	20,30	28,80

GEDORE

3/8"

982RE



Orig. Carolus

Made from special steel. Square drive insert. Burnished. Suitable for impact based screwdrivers or for use with compressed air.

Extensions, 3/8" drive.

Length	mm	75	150
Supplier code		6450.075	6450.150
982REP	Each	7,98	11,20

carolus
by GEDORE

3/8"

982REP



Orig. Gedore

GEDORE-SONDERSTAHL reinforced type. Square connection hole. Burnished finish. Suitable 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	23,30	34,80

GEDORE

1/2"

982RF



Orig. Carolus

Made from special steel. Square drive insert. Burnished. Suitable for impact based screwdrivers or for use with compressed air.

Extensions, 1/2" drive.

Length	mm	75	125	250
Supplier code		5450.075	5450.125	5450.250
982RFP	Each	12,80	15,80	24,10

carolus
by GEDORE

1/2"

982RFP



Orig. Gedore

GEDORE-SONDERSTAHL reinforced type. Square connection hole. Burnished finish. Suitable 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	54,10	65,10	84,80

GEDORE

3/4"

982RH



Orig. Carolus

Made from special steel. Square drive insert. Burnished. Suitable for impact based screwdrivers or for use with compressed air.

Extensions, 3/4" drive.

Length	mm	100	175	250
Supplier code		8450.100	8450.175	8450.250
982RHP	Each	35,10	39,90	56,10

carolus
by GEDORE

3/4"

982RHP



982RL **GEDORE** 1"



Orig. Gedore

GEDORE-SONDERSTAHL reinforced type. Square connection hole. Burnished finish. Suitable 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	77,60	90,60	110,00

982RL 1 **GEDORE** 3/8"



Orig. Gedore - Art. KB3095

Product description as Art. 982RL

SPHERE JOINT

Joints, 3/8" connection. Length 42 mm.

982RL 1	Each	41,70
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982RM **GEDORE** 1/2"



Orig. Gedore - Art. KB1995

Product description as Art. 982RL

SPHERICAL JOINTS

Joints, 1/2" connection. Length 75,5 mm.

982RM	Each	42,70
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982RP **GEDORE** 3/4"



Orig. Gedore - Art. KB3295

Product description as Art. 982RL

CARDAN JOINTS

Joints, 3/4" connection. Length 108 mm.

982RP	Each	133,00
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982RS **GEDORE** 1"



Orig. Gedore - Art. KB2195

Product description as Art. 982RL

CARDAN JOINTS

Joints, 1" connection. Length 140 m.

982RS	Each	242,00
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982RT **GEDORE**



Orig. Gedore

Product description as Art. 982RL

EXPANSION AND REDUCTION SOCKETS

Size		0	1	2	3	4	4A	5
Type		reduction	reduction	reduction	reduction	reduction	reduction	reduction
Female square drive	inch	3/8	1/2	3/4	1	1.1/2	1.1/2	2.1/2
Male square drive.	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	28,20	28,40	27,40	43,10	549,00	125,00	1.030,00

Size		5A	5M	6	7	8	9	10
Type		reduction	increase	increase	increase	increase	increase	increase
Female square drive	inch	2.1/2	1/4	3/8	1/2	3/4	1	1.1/2
Male square drive.	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	519,00	14,40	29,60	20,10	33,60	198,00	229,00

4A-5A-5M-10 widths are SCU product.

982RTE **carolus**
by GEDORE



Orig. Carolus

Made from special steel. Square drive insert. Burnished. Suitable for impact based screwdrivers or for use with compressed air.

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	8454.00	5484.00	8494.00
982RTE	Each	19,20	19,20	14,40	24,10

SCREWDRIVERS DREMO PLUS 3K LINE

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	6,78	6,60	6,54	6,44	6,12	5,68



982RVA



3

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	8,34	7,66	5,60	5,80



982RVB



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	15,80	15,80	11,10	11,10	8,52	6,78	6,78

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	6,78	6,94	6,94	6,94	7,26

Sizes 1 and 2 are original WIHA.



982RVE



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	8,74	8,34	7,00	7,00	6,78	6,78	6,78



982RVF



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.

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



982SA



982SB

Orig. Gedore - Art. 2150

Product description as Art. 982SA

 Hang hole. FLAT BLADE SCREWDRIVERS
 (DIN 5265-cutting edge DIN 5264A).

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	5,18	5,90	6,80	12,40	14,60	19,50	24,10

Type		250A	300	300A	300B	400A
Blade length	mm	250	300	300	300	400
Cutting edge width	mm	14	6,5	8	10	8
Cutting edge thickness	mm	2,5	1,2	1,2	1,6	1,2
Blade Ø	mm	11	6	6	8	7
Overall length	mm	370	420	420	420	520
982SB	Each	27,60	22,30	26,20	13,60	33,30

Sizes mm 250A, 300 and 400A are running out of stock

982SC


Product description as Art. 982SA

 Hang hole. FLAT BLADE SCREWDRIVERS WITH PARALLEL FACES
 (DIN 5265-cutting edge DIN 5264B).

Type		100	100B	125	125A	125B	150	150A
Blade length	mm	100	100	125	125	125	150	150
Cutting edge width	mm	3,5	6	8	3,5	5,5	3	4
Cutting edge thickness	mm	0,6	1,2	1,2	0,6	1	0,5	0,8
Blade Ø	mm	3,5	6	8	3,5	5,5	3	4
Overall length	mm	185	210	245	210	225	230	240
982SC	Each	4,76	9,76	11,90	5,82	8,76	6,38	7,32

Type		150B	200	225	250	250A
Blade length	mm	150	200	225	250	250
Cutting edge width	mm	5,5	6,5	8	5,5	10
Cutting edge thickness	mm	1	1,2	1,2	1	1,6
Blade Ø	mm	5,5	6,5	8	5,5	10
Overall length	mm	250	310	345	350	370
982SC	Each	9,98	13,20	13,30	8,86	17,30

Sizes mm 125, 225, 250 and 250A are running out of stock

982SEC

Orig. Gedore - Art. 2154SK

Product description as Art. 982SA

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	13,60	12,80	13,30	15,00	18,80	18,40	29,20	38,20

982SF

Orig. Gedore - Art. 2160 PH

Product description as Art. 982SA

 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	6,32	8,10	9,82	10,90	14,30	14,60	19,10

Sizes 3 and 4 have an hexagonal connection.

982SFC

Orig. Gedore - Art. 2160SK PH

Product description as Art. 982SA

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	13,80	15,10	19,90	28,80

Orig. Gedore - Art. 2160 pcs

Product description as Art. 982SA

With hang hole. POZIDRIV SCREWDRIVERS
(DIN 8764, tip DIN ISO 8764-1/pcs).

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	7,88	9,38	12,80	17,80	23,90

Sizes 3 and 4 have an hexagonal connection.

GEDORE



982SL



3

Orig. Gedore - Art. 2160SK pcs

Product description as Art. 982SA

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	13,80	15,20	22,90

GEDORE



982SLC



Orig. Gedore - Art. 2163 TX

Product description as Art. 982SA

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	8,32	8,32	8,10	8,10	8,10	8,10	8,32

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	8,46	8,96	9,78	10,50	11,70	13,80

GEDORE



982SM



Orig. Gedore - Art. 2163 TXB

Product description as Art. 982SA

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	11,10	11,10	11,10	11,00	11,20	11,50	12,20

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	13,40	14,10	15,70

GEDORE



982SP



Orig. Gedore - Art. 2163 K

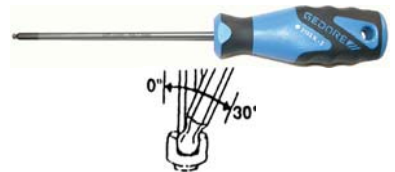
Product description as Art. 982SA

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	6,80	6,34	6,94	7,98	9,60	15,10	16,90	19,30

GEDORE

982SR



SCREWDRIVERS DREMO PLUS 1K LINE, SHORT PATTERN
982ST**GEDORE****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	5,34	5,40	5,76	6,14

982SV**GEDORE****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	5,38	5,90

982SZ**GEDORE****Orig. Gedore - Art. 2161 pcs**

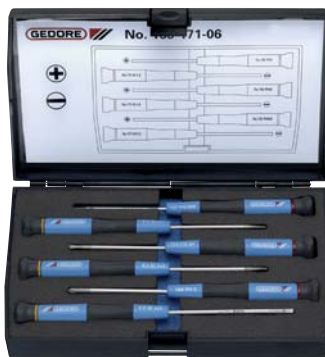
Product description as Art. 982ST

POZIDRIV SCREWDRIVERS

(DIN ISO 8764, tip DIN ISO 8764-1/pcs).



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	6,12	6,70

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	65,80
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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	67,40
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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 assortment.

982TP Each **180,00**

982TP


3

SETS OF SCREWDRIVERS DREMO PLUS 3K LINE
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

Supplied in cardboard packaging.

Complete assortment.

982VA Each **30,50**

982VA

Orig. Gedore - Art. 2150-2160 PH-010

Product description as Art. 982VA

10-tools set.

Each set contains:

- 1 x flat blade screwdriver Art. 982 SBx80
- 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
- 1 x flat blade 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 assortment.

982VB Each **62,20**

982VB

Orig. Gedore - Art. 2150-2160 pcs-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

Supplied in cardboard packaging.

Complete assortment.

982VC Each **38,50**

982VC


982VE GEDORE



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 **45,10**

982VF GEDORE



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-T27-T30-T40

Supplied in cardboard packaging.

Complete assortment.

982VF Each **91,30**

982VL GEDORE



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 **41,20**

982VR GEDORE



Orig. Gedore - Art. SK 2154 PH-06

Product description as Art. 982VA

SCREWDRIVERS WITH EXAGON AND STEEL BEATING SURFACE

The set contains 6 tools.

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

Supplied in cardboard packaging.

Complete assortment.

982VR Each **55,10**

SCREWDRIVER BITS

983GA GEDORE



Orig. Gedore - Art. 680

Burnished finish. GEDORE-VANADIUM-SONDERSTAHL. Screw insert bits. Hand or machine-operated.

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 **1,14 1,14 1,14 1,14 1,16 1,48 5,18**

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 **3,22 3,22 3,22 3,22 3,22 6,36 7,50 7,50**

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	1,34	1,10	1,76	1,10	1,76	1,10	1,76	2,94

GEDORE 983GC



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	2,22	2,22	2,22	3,40	3,48

GEDORE 983GD



Orig. Gedore - Art. 690PZ

Product description as Art. 983GA
Pozi driv-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	1,10	1,76	1,10	1,76	1,10	1,74	2,94

GEDORE 983GF



Orig. Gedore - Art. 890PZ

Product description as Art. 983GA
Pozi driv-Supadriv cross head screw, DIN 3128. 5/16" connection.

Size		1	2	3	4
Length	mm	32	32	32	32
983GH	Each	2,22	2,22	2,22	3,48

GEDORE 983GH



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	1,16	1,22	1,22	1,22	1,22	1,22	1,80	2,66

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	3,22	3,22	3,22	3,22	3,22	3,90

GEDORE 983GM



Orig. Gedore - Art. 685X

Product description as Art. 983GA
Polygonal head screw DIN 65254. 1/4" connection.

For screws with XZN polygon	M.	5	6	8
Length	mm	25	25	25
983GP	Each	2,50	2,50	2,52

GEDORE 983GP



Orig. Gedore - Art. 885X

Product description as Art. 983GA
Polygonal head screw DIN 65254. 5/16" connection.

For screws with XZN polygon	M.	5	6	8	10	12	14
Length	mm	28	28	28	38	38	38
983GR	Each	3,48	3,48	3,48	3,50	3,50	3,50

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	3,94	3,92	3,94	5,62

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



984GC GEDORE



1/4"

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	1,28	1,28	1,28	1,28	1,20	1,16	1,16
TORX size	T	25	27	30	40			
Length	mm	25	25	25	25			
984GC	Each	1,16	1,16	1,16	1,16			

984GD GEDORE



5/16"

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	3,22	3,22	3,22	3,22	3,56

984GE GEDORE



1/4"

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	2,10	2,10	2,10	2,10	2,10	2,10	2,10

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	24,50	33,50	34,50	35,10	36,30	33,10

MAGNETIC ADAPTORS FOR BITS

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
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Magnetic adapters for 1/4" hexagonal connection insert bits and male hexagonal connection 8mm, see Art. 947GB.

SCREWDRIVER BIT MAGNETIC HANDLES

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	9,12
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984GHE carolus
by GEDORE



1/4"

Orig. Carolus - Art. 4125.00
Made from special steel. Fixed model.
With 1/4 inch hexagon inserts. Dual-component, non-slip handle.
Total length 210 mm.

984GHE	Each	9,50
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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	29,90	31,20

Size inch 5/6 is running out of stock

Orig. Gedore - Art. 169 kompl.

With 7 assorted insert bits in the handle.
 In special steel. Fixed type. Chrome-plated finish.
 Hexagonal connection for 1/4" insert bits. Total length 220mm.
 Complete with the following bits:
 4 Art. 983 GA 4-5.5-6.5-8
 2 Art. 983 GC Size 1-2
 2 Art. 983 GF Size 1 - 2

984GM Each **39,20**

GEDORE

984GM



Orig. Witte - Art. 53091

Fixed type.
 Made from 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 **10,60**

When stocks will be run out, we will provide Orig. Witte bit-holders with handles in different colours.

WITTE

984GR



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 **13,80**

When stocks will be run out, we will provide Orig. Witte bit-holders with handles in different colours.

WITTE

984GR 1



BIT HOLDER GRIPS

Orig. Witte - Art. 53086

Flexible type. With retaining ring attachment.
 Made from 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 **25,70**

When stocks will be run out, we will provide Orig. Witte bit-holders with handles in different colours.

WITTE

984GR 2



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 **26,60**

When stocks will be run out, we will provide Orig. Witte bit-holders with handles in different colours.

WITTE

984GR 3



SCREWDRIVER BIT MAGNETIC HANDLES

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 Gr. 1 (1 pc) – Gr 2 (2 pcs) art. 1992 GR, PZD Gr. 1 (1 pc) - Gr. 2 (2 pcs) art. 1992 GS

984GS 2 Each **42,90**

Product running out of stock

WITTE

984GS 2



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

WITTE

984GS 3



SCREWDRIVER "T" BITS WITH MAGNETIC HANDLE
984GS 4

WITTE
WERKZEUGE
**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	13,20
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SCREWDRIVER BIT MAGNETIC HANDLES
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	18,80
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984GS 6

WITTE
WERKZEUGE
**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
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Product running out of stock**984GS 7**

WITTE
WERKZEUGE
**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
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Product running out of stock**984GS 8**

WITTE
WERKZEUGE
**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
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Product running out of stock**984GV**

SCU
**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	22,10
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984GZA

schröder
**Orig. Schröder - Art. 1.191.4**

With 6 assorted insert bits in practical box. Articulated handle in sturdy

synthetic material, for upright and inclined use, hole for lever mounting. Ratchet

movement for RIGHT+LEFT and fixed use. Hexagonal connection for 1/4" insert bits.

Total length 220mm.

Complete with the following bits:

1 slotted 6.5mm

3 PH cross recess bits Gr.1 – 2 - 3

2 PZD cross recess bits Gr.1 - 2

984GZA	Each	28,20
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ASSORTED BITS

Orig. Carolus - Art. 3000.01

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 pcs 1

3 cross-slotted bits pcs 2

1 cross-slotted bit pcs 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

Complete set.

984GZA 4 Each **29,60**

carolus
by GEDORE

984GZA 4



1/4"

3

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 clockwise, counter-clockwise 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

schröder

984GZC



1/4"

Orig. Carolus - Art. 3800.0037

Assortment of bits 1/4" drive and hexagon blades encased interchangeable, with jointed T-handle and ratchet for use D + S.

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 **72,50**

carolus
by GEDORE

984GZE
new



1/4"

RATCHETS FOR INSERT BITS

Orig. Carolus - Gedore

Made from 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 **1/4** **5/16**

Overall length mm 120 127

Supplier code..... 4177.26 871

984GZF Each **31,20** **86,80**

When stocks are depleted, we will provide the Art. 984 GZF 5/16 with black/blue handles.

carolus
by GEDORE

984GZF



1/4"

5/16"

984GZR

**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
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1/4"

984GZT

**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
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Product running out of stock

1/4"

984L



Made from CHROME-VANADIUM steel. Ratchet in combination with 1/4 inch hexagonal socket, with accessory fittings on one side and 1/4 inch male square driver sockets for the other side.

With lever change for clockwise and counter-clockwise movement.

Rubber bi-component handle. Total length 220mm.

984L	Each	28,50
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1/4"

1/4"

GRIPPERS FOR BITS**985E**

**Orig. Gedore - Art. 635**

Practical tweezers made from steel with plastic coated jaws which are able to grab hold of any type of objects. Particularly useful for operators who have wet or oily hands as this can help prevent finger injuries caused by the object profiles or objects which are positioned in locations with difficult access.

Total length 70 mm.

985E	Each	5,50
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Product running out of stock**TOOL SETS****985G 3**

**Prod. SCU**

Assortment of multi-purpose tools for tool holder cabinets, trolleys and cases.

Particularly useful for car repair shops.

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	217,72
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Compositions are indicative and not binding.

Assortment of multi-purpose tools for tool holder cabinets, trolleys and cases.
Particularly useful for car repair shops.

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 **450,42**

Compositions are indicative and not binding.


985G 5

3

Orig. Carolus-Gedore-Witte-Prod. SCU

Assortment of multi-purpose tools for tool holder cabinets, trolleys and cases.
Particularly useful for car repair shops.

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 **881,00**

Compositions are indicative and not binding.


985G 6


985G 8 **GEDORE**



Orig. Gedore - Art. S 1050

Product description as Art. 985G 6

The set contains: 25 tools.

7 combination wrenches 8 10 12 13 14 17 19mm

8 magneto wrenches 4 4.5 5 5.5 6 6.5 7 7.5mm

1 adjustable pliers 250mm

1 insulated universal pliers 180mm

1 spark plug spanner

1 knife

3 flat-tip screwdrivers 4 5.5 6.5mm

1 cross-tip screwdriver PH 2

1 hammer 300g

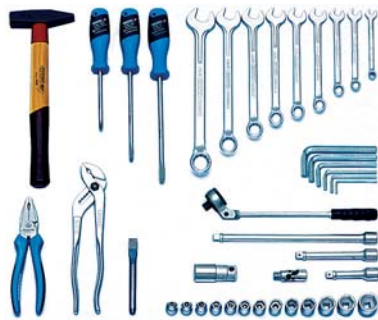
1 phase-detecting screwdriver

Complete assortment.

985G 8 Each **271,00**

Compositions are indicative and not binding.

985G 9 **GEDORE**



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 **589,00**

Compositions are indicative and not binding.

985G 10 **GEDORE**



Orig. Gedore - Art. S 1151

Product description as Art. 985G 6

The set contains: 65 tools.

2 tyre levers 400mm

1 Gedore Grip pliers 250mm

1 adjustable pliers 250mm

5 levers, extensions and ratchet, 1/2" connection

1 cardan joint

1 universal pliers 180mm

3 screwdrivers, plastic hand-grip 100x4-150x6.5-175x8mm

1 cross tip screwdriver, plastic hand-grip 100mm - Size 2

1 circuit tester screwdriver

1 multiple wrench 220mm

7 bi-hexagonal wrenches 8 to 22mm

8 hexagonal wrenches 6 to 22mm

13 hexagonal sockets 10 to 32mm

1 spark plug socket 20.8mm

1 chisel

1 punch

1 drift

1 hammer 500g

6 Allen head wrenches 2.5 3 4 5 6 8mm

8 magneto wrenches 4 4.5 5 5.5 6 6.5 7 7.5mm

1 cutter 150mm

Complete assortment.

985G 10 Each **841,00**

Compositions are indicative and not binding.

Orig. Gedore - Art. S 1004

Product description as Art. 985G 6

The set contains: 80 tools.

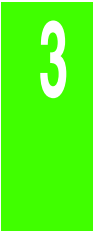
- 16 combination wrenches 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24mm
- 19 hexagonal sockets 10 to 32mm, 1/2" connection
- 5 levers, extensions, joints, 1/2" connection
- 8 Allen head wrenches 2 2.5 3 4 5 6 8 10mm
- 1 adjustable pliers 250mm
- 1 pipe wrench 1.1/2" inches
- 3 flat-tip screwdrivers 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 **1.400,00**

Compositions are indicative and not binding.

GEDORE

985G 14



Orig. Gedore - Art. S 1400

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 **1.500,00**

Compositions are indicative and not binding.

GEDORE

985G 16



985G 18 GEDORE

Orig. Gedore - Art. S 1400 Z

Product description as Art. 985G 6

The set contains: 33 tools..

- 1 cross wrench, opening mm.17-19-21-11/16"
 - 2 wheel wrenches 24x27-30x32mm
 - 1 pin for above mentioned Ø 18mm
 - 1 circuit tester
 - 2 tyre levers 500mm
 - 1 spark plug spanner 20.8mm
 - 1 spark plug spanner 16mm
 - 2 extensions 62.5 and 75mm
 - 1 piston ring 60/125mm
 - 1 valve lifter pliers 290mm
 - 1 brake spring pliers
 - 1 magnetic screwholder
 - 1 thickness gauge with 13 blades 0.05 to 1mm
 - 2 screwdrivers, shortened pattern
 - 1 multiple wrench
 - 1 strap wrenches for oil filters
 - 8 magneto wrenches 4 4.5 5 5.5 6 6.5 7 7.5mm
 - 1 file for contacts 150mm
 - 4 internal bi-hex type sockets, long pattern 6-8-10-12mm, 1/2" connection
- Complete assortment.

985G 18 Each **744,00**

Compositions are indicative and not binding.

985G 20 SCU

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 **1.692,26**

Compositions are indicative and not binding.

POUCHES WITH TOOLS

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 **95,94**

Compositions are indicative and not binding.

SCU

985GA 13



3

Tool set for universal usage.

- 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 - pcs 1
- 1 screwdriver Art. 1970 GPZ - pcs 2
- 1 phase-detector screwdriver Art. 1907 GP
- 1 hammer Art. 2702 F 300
- Complete set.

985GA 16 Each **107,68**

Compositions are indicative and not binding.

SCU

985GA 16



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 - pcs 1
- 1 screwdriver Art. 1970 GPZ - pcs 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 **158,80**

Compositions are indicative and not binding.

SCU

985GA 25



TOOL BAGS
985GB GEDORE

Orig. Gedore - Art. 1050 M

Assortment of multi-purpose tools.
Wrenches and accessories in CHROME-VANADIUM steel.

The set contains: 26 tools
1 sturdy simil leather bag
7 combined wrenches 8 10 12 13 14 17 19mm
1 spark plug spanner 20,8mm
1 universal pliers 180mm
1 adjustable pliers 250mm
1 knife for electricians
1 circuit tester screwdriver
8 wrenches for contacts 4 4.5 5 5.5 6 6.5 7 7.5mm
1 hammer, german-shaped 300g
1 cross-tip screwdriver Size 2
3 slotted screwdrivers 4 5.5 6.5mm
Complete assortment.

985GB Each **319,00**

Compositions are indicative and not binding.

985GE GEDORE

Orig. Gedore - Art. 501 M

Elegant and practical leather bag with zip closure.
Particularly suitable for cars. Wrenches and accessories in CHROME-VANADIUM steel.

The set contains: 25 tools
1 bag
1 adjustable pliers Art. 362 GE 250mm
2 cross-tip screwdrivers Size 1 and 2
3 slotted screwdrivers 4 5,5 6.5mm
1 insulated universal pliers 160mm
1 slotted screwdriver, insulated blade 3mm
6 combined wrenches 10-11-12-13-17-19mm
1 hammer 200g
1 insulated tape 10m
8 wrenches for contacts 4 4.5 5 5.5 6 6.5 7 7.5mm
1 brass wire brush
Complete assortment.

985GE Each **376,00**

Compositions are indicative and not binding.

985GL SCU

Prod. SCU

Tool sets for universal use.
Comprising: 26 tools
1 bag Art. 2076 GE
6 wrenches in series Art. 872 GA, 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 **131,72**

Compositions are indicative and not binding.

Product description as Art. 985GL

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 **231,68**

Compositions are indicative and not binding.

SCU

985GM



Product description as Art. 985GL

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 **347,76**

Compositions are indicative and not binding.

SCU

985GP



TOOL BAGS FOR ASSISTANCE SERVICE

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

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 A

1 rasp Art. 2442 8 1/2"D.

1 handle Art. 2448x120

1 chisel Art. 2935 GA 250mm

1 oiler Art. 3407 P

Complete set.

986G 6 Each **469,98**

Compositions are indicative and not binding.

SCU

986G 6



TOOL BAGS FOR INSTALLERS
986G 8 

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.

986G 8 Each **564,86**

Compositions are indicative and not binding.

TOOL CASES FOR UNIVERSAL USE
986GE 

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.

The set contains: 47 tools

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
 1 insulated flat-tip screwdriver 3mm
 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
 1 spark plug socket 20.8mm
 2 extensions 125-250mm
 1 joint
 1 sliding square drive
 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
 1 container for small accessories
 Complete assortment.

986GE Each **758,00**

Compositions are indicative and not binding.

TOOL CASES FOR TECHNICIANS AND ASSISTANCE SERVICE

Prod. SCU

SCU

986GE 3

Assortment of high-quality tools Orig. Gedore, Witte, Marvel, Frowein and SCU.
For professional use in electronics and maintenance.

- | | |
|--|-----------------------------------|
| Comprising: 63 tools | 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 00 | 1 tin spool Art. 3361 GBx1.5 |
| 1 screwdriver Art. 1912 GB 0 | 1 fleximeter Art. 4141 BAx2 |
| 1 screwdriver Art. 1900 G 1 | 1 knife Art. 662 B |
| 1 screwdriver Art. 1900 G 1.5 | 1 wrench Art. 899 GL 4 |
| 1 screwdriver Art. 1921 GAx75 | 1 wrench Art. 899 GL 5 |
| 1 screwdriver Art. 1921 GAx100B | 1 wrench Art. 899 GL 5.5 |
| 1 screwdriver Art. 1921 GBx1 | 1 wrench Art. 899 GL 6 |
| 1 screwdriver Art. 1921 GBx2 | 1 wrench Art. 899 GL 7 |
| 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. |



3

986GE 3 Each **819,72**

Compositions are indicative and not binding.

TOOL CASES FOR ELECTRICIANS AND ASSISTANCE SERVICE

Orig. Gedore - Art. 1090

GEDORE

986GE 6

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 adjustable pliers 250mm |
| 1 Orig. Gedore case | 1 adjustable wrench 250mm |
| 16 tools in case Art. 941 G | 1 insulated scissors |
| 12 wrenches Art. 862 G 4 4.5 5 5.5 6 7 8 9 10 11 12 13mm | 1 knife for electricians |
| 4 wrenches Art. 870 G 14x17 18x19 21x23 22x24mm | 1 hacksaw |
| 9 wrenches Art. 914 G 2 2.5 3 4 5 6 7 8 10mm | 10 hacksaw blades |
| 4 VDE insulated screwdrivers, flat-tip 3.5 4 5.5 6.5mm | 1 drift |
| 2 VDE insulated screwdrivers, cross-tip PH 1 and 2 | 1 fleximeter 3m |
| 2 screwdrivers, shortened, 5.5mm and PH 1 | 1 scriber |
| 2 screwdrivers, cross-tip PZD 1 and 2 | 1 phase-detecting screwdriver |
| 3 lever screwdrivers 5.5 8mm and PH 1+2 | 1 hammer 100g |
| 1 universal insulated pliers 180mm | 1 hammer 300g |
| 1 VDE insulated cutter 200mm | 3 chisels 175-200-200mm (double cutting edge) |
| 1 VDE insulated half-round nose pliers 160mm | 2 punches 2mm and 4mm |
| 1 VDE insulated wire stripping pliers | 1 automatic drift |
| 1 VDE insulated pliers, flat noses 160mm | 1 saldatore + 3 accessories. |
| | Complete assortment. |



986GE 6 Each **1.370,00**

Compositions are indicative and not binding.

BOXES AND TRUNKS WITH TOOLS

987



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 173,48

Compositions are indicative and not binding.

987A




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 203,08

Compositions are indicative and not binding.

Tool sets 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 **373,86**

Compositions are indicative and not binding.


987A 5

3

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 **414,06**

Compositions are indicative and not binding.


987B


987D **GEDORE**

Orig. Gedore - Art. 1151-1263

Orig. Gedore all-purpose set of assorted tools in steel case, high-resistant epoxy paint coating, 3 stalls and compartments.

Empty box Art. 987E + assorted set Art. 985G/10 68 pieces, weight Kg. 15,8

Dimensions mm 420x225xh160
987D Each **1.012,00**

987E **GEDORE**

Orig. Gedore - Art. 1263 L

Product description as Art. 987D

Empty box, weight kg.4,6

Dimensions mm 420x225xh160
987E Each **171,00**

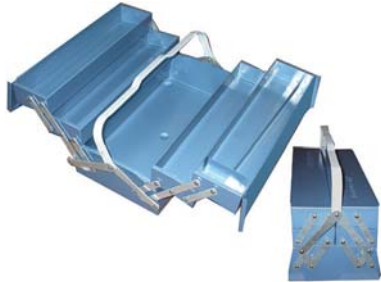
987G **GEDORE**

Orig. Gedore - Art. 1151-1265

Orig. Gedore all-purpose set of assorted tools in steel case, high-resistant epoxy paint coating, 5 stalls and compartments.

Empty box Art. 987 GF + assorted set Art. 985G/10 68 pieces, weight kg. 17,3

Dimensions mm 420x225xh210
987G Each **1.027,00**

987GF **GEDORE**

Orig. Gedore - Art. 1265 L

Product description as Art. 987G

Empty box, weight kg. 6

Dimensions mm 420x225xh210
987GF Each **186,00**

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.

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.

Dimensions	mm	610x265x298
988G	Each	2.010,00

Product description as Art. 988G

Empty metal box only.

Dimensions	mm	610x265x298
988GA	Each	682,00

988G
988GA

3
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.

Empty panel without tools and hooks.

Overall length	mm	1482	1976
Height	mm	494	494
Weight	Kg	11	13
Supplier code		71050+82430	71060+82430
988GR	Each	405,00	449,00

988GR

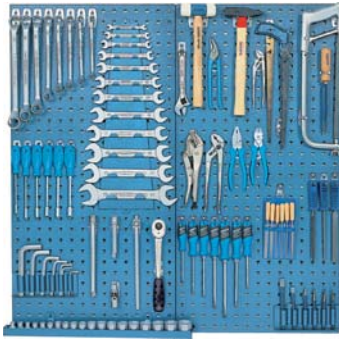
WALL DISPLAY UNITS
Orig. Gedore - Art. 1450-1151 M

Sturdy steel display unit, high-resistant epoxy paint coating, drilled for hooks Art. 995 GT. Bent edges. Steel plate thickness: 1.5mm.

1 empty panel Art. 989 GL + assorted set 985 G/10 65 pcs.

989G	Each	1.156,00
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989G


989GB GEDORE

Orig. Gedore - Art. 1400 G-1450-2

Product description as Art. 989G

2 empty panels Art. 989 GL + assorted set 985 G/16 92 pcs.

989GB	Each	2.050,00
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989GL GEDORE

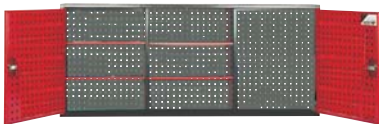
Orig. Gedore - Art. 1450 LH

Product description as Art. 989G

Empty panel without tools, 5.5 Kg. Complete with bracket and hooks.

Dimensions mm 1000x500

989GL	Each	315,00
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TOOL CABINETS
989GR METEC

Orig. Metec - Art. 58100

Sturdy steel cabinet, high-resistant epoxy paint coating. 2 doors with door lock closing system and one open compartment. 4 mobile shelves.

Back wall, door interiors drilled for hooks Art. 995 GT.

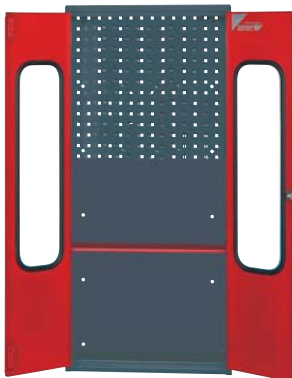
Empty cabinet, without tools, weight kg. 8

Dimensions mm 1400x600hx200

989GR	Each	401,00
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For assorted sets of tools see Art. 985 G/3 to 985 G/14

Product running out of stock

989GT METEC

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

989GT	Each	814,00
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For assorted sets of tools see Art. 985 G/3-5-8-10.

Product running out of stock

LARGE CABINETS WITH TOOLS.
991G GEDORE
992G
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	2.840,00
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Orig. Gedore - Art. 1400 GZ

Product description as Art. 991G

Empty cabinet Art. 992 GA + assorted set Art. 985 G/18 - 125 pieces - weight kg. 57.

992G	Each	3.560,00
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Orig. Gedore - Art. 1400 L

Product description as Art. 991G

Empty cabinet, weight kg. 29.

992GA	Each	1.480,00
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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 - 985 G 18.
 Product running out of stock

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, 92 pieces and assorted set of hooks. Weight kg. 73.

Dimensions	mm	1810x890hx170
993GZ	Each	4.070,00

Suitable to be used with workbench Art. 994 GL.

993GZ


Product description as Art. 993GZ

Empty cabinet Art. 994 GA + assorted set Art. 985 G/16 + 985 G/18, 125 pieces and assorted set of hooks. Weight kg. 83.

Dimensions	mm	1810x890hx170
994G	Each	4.814,00

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	2.570,00

Suitable to be used with workbench Art. 994 GL.

**994G
994GA**

FOLDAWAY WORKBENCHES.
Prod. SCU

Sturdy, foldable workbench, which is large, stable, and can be carried and stored easily. Top section made from laminated wood including a 30 mm thick frame, and a metal bracket.

Length	mm	1000	1200
Height for width	mm	700 x 820	700 x 820
Useful capacity	Kg	450	500
Weight	Kg	35	38
994GBR	Each	382,00	429,00

For trestles / Folding workbenches see Art. 2226 T.

994GBR


WORKBENCHES.
994GC 5 

Orig. Metec - Art. 30810/84522

Heavy-duty and solid workbenches modular system.

Extra strong epoxy painted U plate brackets.

Unbendable stratified wooden work-tops, height mm 840.

Delivered disassembled for easy handling.

One workbench. Size mm 1500x700.

1 suitable bracket.

1 drawer unit with 2 closed compartments and 1 drawer height mm 90.

Door lock closing system.

Weight kg. 78.

994GC 5 Each **911,00**
Product running out of stock
994GL 

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 **3.480,00**
Suitable to be used with cabinets Art. 993 GZ - 994 G - 994 GA.
ACCESSORIES FOR PANELS-CABINETS-DISPLAY UNITS AND TOOL TROLLEYS
995GR 1 

Orig. Gedore

Plate tool-rests with holes.

Suitable for set of wrenches 8 pieces.

995GR 1 Each **20,10**
995GR 2 


Product description as Art. 995GR 1

Suitable for set of wrenches 12 pieces.

995GR 2 Each **20,90**
For sets of plastic wrench keeper springs see Art. 872 GT 8-12.
995GR 5 


Trays with holes for bushes.

995GR 5 Each **22,90**
995GR 7 

3/8"

Spring rests for bushes.

Suitable for 14 bushes with connection 3/8".

995GR 7 Each **5,04**
995GR 8 

1/2"

Product description as Art. 995GR 7

Suitable for 14 bushes with connection 1/2".

995GR 8 Each **6,08**

MAGNETIC RESTS FOR BUSHES.

Suitable for 13 sockets ??? with 1/4" drive ???.

Supplied with 2 female square drive adapter for use with ratchets, sliding bars, extensions, etc.

995GR 10 Each **40,10**

GEDORE

995GR 10



1/4"

Product description as Art. 995GR 10

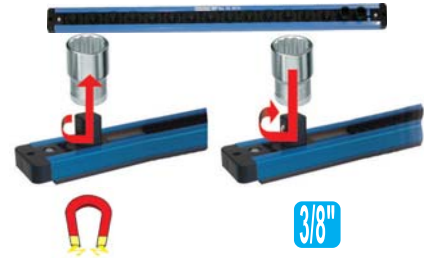
Suitable for 14 sockets ??? with 3/8" drive ???.

Supplied with 2 female square drive adapter for use with ratchets, sliding bars, extensions, etc.

995GR 15 Each **42,90**

GEDORE

995GR 15



3/8"

Product description as Art. 995GR 10

Suitable for 16 sockets ??? with 1/2" drive ???.

Supplied with 2 female square drive adapter for use with ratchets, sliding bars, extensions, etc.

995GR 20 Each **48,70**

GEDORE

995GR 20



1/2"

HOOKS WITH SCREW AND NUT FASTENING. STRAIGHT, FOR DISPLAY UNITS ART. 995 GP.

Size	0000	00	0	1	4	5
Made from steel.	Bright	Bright	Bright	Bright	Ric.PVC	Ric.PVC
Dimensions	4x70	4x100	7x100	4x170	4x170	7x170
995GS	Each	2,08	2,30	2,72	2,44	2,78

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	Curved hook	small spring	Big spring	Threaded hook M6 with nut
Ø	mm 4	mm 4	mm 13	mm 20-35	-
Length	mm 55	mm 55	mm 31	mm 44	-
995GT	Each	2,94	2,94	4,44	6,08

Size	6	7	8	9	10
Type of grip	Straight hook	Straight hook	Curved hook	Curved hook	Oblique hook
Ø	mm 6	mm 6	mm 6	mm 6	mm 6
Length	mm 100	mm 150	mm 75	mm 135	mm 100
995GT	Each	2,80	3,04	2,94	3,14

GEDORE

995GT



Special hooks with screw and nut.

Size	1	2	3	4	5
Type of grip	Round bottonhole	Round bottonhole	Round bottonhole	Closed rectang.	Closed rectang.
Length x Ø	mm 176x14-40	mm 176x19-40	mm 181x28-50	mm 175x24	mm 175x33
995GZ	Each	8,06	9,08	9,08	9,08

Size	6	7	8	9
Type of grip	Open rectang.	Open rectang.	Open rectang.	A metal strap x pipe wrench
Length x Ø	mm 170x21	mm 170x28	mm 170x33	mm 183
995GZ	Each	7,20	7,20	13,10

Product running out of stock

GEDORE

995GZ



BATTERY CABLES IN PAIRS

996B



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
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Product running out of stock

996C



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	96,70
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BATTERY CHECK DEVICES.

996P



Prod. SCU

For testing battery charge, with pole testing device and integrated resistance.

For checking the voltage of 6-12 Volt batteries, with disconnected resistance.

With indicator light when resistance is connected.

Suitable for mono-cover batteries.

996P	Each	245,00
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DENSIMETERS

997GH



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



Densimeters for checking battery liquid density.

Professional type, highest measuring accuracy.

Made of corrosion-proofing unbreakable synthetic material.

Size approx. 125x100 mm.

997GM	Each	16,10
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997GO



Densimeters for antifreeze. Reliable and easy to use.

Length 200 mm.

997GO	Each	5,06
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997GP



Densimeters for checking antifreeze density.

Professional type, highest measuring accuracy.

Made of corrosion-proofing unbreakable synthetic material.

Size approx. 125x100 mm

997GP	Each	16,10
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NUMBERED MAGNETIZED TRIANGLES

Prod. SCU

Set of 24 folding, colored, numbered triangles, made of unbendable plastic, with permanent magnet. For prompt identification of cars under repair or of whatever other object to be quickly identified.

With drilled steel plate panel, wall-mountable, size 1000x500mm, with numbering to ensure easy and tidy storage of triangles after use and 24 hooks for keys.

997Z Each **600,00**

Product running out of stock

SCU

997Z



3

TOOLS BOXES

Orig. Gedore - Art. 1430

Made of 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 625x400xh290

998G Each **767,00**

Product running out of stock

GEDORE

998G



Orig. Gedore - Art. 1431

Made of 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



COMBINATED TOOLS TROLLEYS

Orig. Gedore - Art. 1432

Functional, sturdy combination of trolley with drawers and pull-out panel, drilled for tool hanging. Made of 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



COMBINATED TOOLS TROLLEYS
998G 5 GEDORE

Orig. Gedore - Art. TANTO 3000

Large capacity type with drilled side for the additional hanging of tools and accessories. Strong epoxy painted steel plate. Drawers may be pulled out from one side; with stop wedge. Single closing. With carrying lugs for easy handling in narrow space. Work-top with compartments for small parts. On 4 wheels, 2 of large diameter for a better running and 2 pivoting one of which with brake. Central closing for one single padlock.

Seven-drawer type, size mm 480x351. Max. load capacity over kg. 400 in a steady position.

Without tools.

Shelf length	mm	585
Shelf width	mm	485
Overall height	mm	920
Weight	Kg	67

998G 5 Each **819,00**

Product running out of stock

External container mm330x230x100 h.

O998G 6 Each **91,30**

Product running out of stock

Support paper roll.

O998G 7 Each **26,80**

For tool holder hooks see Art. 995 GS - 995 GT.

Product running out of stock

TOOL TROLLEYS
998G 8A carolus
by GEDORE

Orig. Carolus - Art. 2046.10

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).

table 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 9Z.

Weight Kg 48.

998G 8A Each **740,00**

In the drawers of the trolley 998 G 8A

you can also insert the original Gedore modules Art. 1000 G1 to 1000 G 34.

MODULS WITH TOOLS FOR TROLLEYS ART. 998 G 8A - 28
998G 9F carolus
by GEDORE


1/4"

Orig. Carolus - Art. 2020.85

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 pcs 1-2

1 x Art. 946 GT

1 x Art. 947 GR

1 x Art. 946 GP

1 x Art. 946 GS

1 x Art. 946 GR.

998G 9F Each **150,00**

998G 9H carolus
by GEDORE

1/2"


Orig. Carolus - Art. 2020.97

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 **79,50**

Orig. Carolus - Art. 2020.96

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 **133,00**

carolus
by GEDORE

1/2"

998G 9L



Orig. Carolus - Art. 2020.710

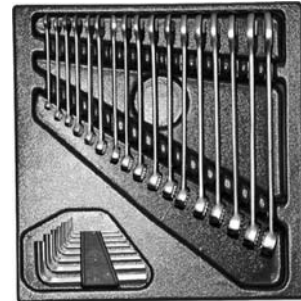
Product description as Art. 998G 9F
DOUBLE MODULE

Module width x depth 315x310mm.
Content: 25 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
8 x Allen wrenches 2-2.5-3-4-5-6-8-10mm.

998G 9M Each **117,00**

carolus
by GEDORE

998G 9M



Orig. Carolus - Art. 2020.711

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 **284,00**

carolus
by GEDORE

998G 9ME



Orig. Carolus - Art. 2020.91

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 **62,20**

carolus
by GEDORE

998G 9P



Orig. Carolus - Art. 2020.92

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 **37,40**

carolus
by GEDORE

998G 9R



Orig. Carolus - Art. 2020.93

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 **80,60**

carolus
by GEDORE

998G 9S



998G 9T **carolus**
by GEDORE



Orig. Carolus - Art. 2020.94
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, diametro punta mm 3
1 x punch, tip diameter 4mm
1 x pin punch, tip diameter 4mm.

998G 9T Each **41,60**

998G 9Z **carolus**
by GEDORE



Orig. Carolus - Art. 2020.95
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 **35,10**

TOOL TROLLEYS

998G 30 **GEDORE**
new



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 **1.060,00**

For optimum division of the drawers, as well as modules with tools, you can use the dividers Art. O998 GA 30 and O998 GB 30, 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 **4,24**

Cross dividers to divide optimally the drawers of the trolleys Art. 998G 30, in combination with longitudinal dividers Art. O998G 30A.

In galvanized sheet steel.

Overall length	mm	80	120
Height	mm	55	55

O998G 30B Each **2,22** **2,38**

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. Made of 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. 1570 WKS

Functional and heavy-duty combination of mobile bench with drawers which may be pulled out from both sides. With stop wedge. Made of strong epoxy painted steel. Openings both on the left and on the right side offering a complete inner view. Rolling gate closing system for one single padlock. On 4 wheels 2 of which pivoting and one with brake. Rubber shockproof border edge. Four-drawer type, size mm 478x325. Max. load capacity over kg. 300 in a steady position.

Without tools.

Shelf length	mm	625
Shelf width	mm	400
Overall height	mm	930
Weight	Kg	38

998GB Each **536,00**

It is possible to combine this item with drawer units Art. 998 G and 998 G/2.

Product running out of stock


998GB

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 **907,00**

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


998GS 6 GEDORE

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. Made of 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.

Without tools.

Shelf length	mm	605
Shelf width	mm	375
Overall height	mm	930
Weight	Kg	43,5

998GS 6	Each	761,00
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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. Made of 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
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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. Made of 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
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Product running out of stock

MOBILE WORK BENCHES AND TOOL TROLLEYS
999GF GEDORE

Orig. Gedore - Art. 1502

Heavy-duty extra strong epoxy painted mobile workbench. Unbendable multilayered wooden work-top. 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.

Six-drawer type, size mm 480x400 and 2 open compartments. Max. load capacity 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	1.730,00
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Orig. Gedore - Art. 1504

Heavy-duty extra strong epoxy painted mobile workbench of a considerable height. Unbendable multilayered wooden work-top. 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	2.110,00

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	3.190,00

GEDORE
999GP

MOBILE WORKBENCHES
Orig. Gedore - Art. 1505

Mobile workbench made of sturdy epoxy painted steel plate. Unbendable multilayered wooden work-top. 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	3.640,00

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
999P	Each	381,00

SCU
999P


MODULES WITH TOOLS FOR TOWER TROLLEYS.
1000G 1 GEDORE

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 **238,00**

Empty modules for Art. 1000 G 1 - 1000 G 2

O1000G 1V Each **20,60**

1000G 2 GEDORE


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 **293,00**

For empty module see Art. O 1000 G 1V.

1000G 3 GEDORE


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 **104,00**

Empty modules for Art. 1000 G 3 - 1000 G 8

O1000G 3V Each **13,00**

1000G 4 GEDORE


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 **127,00**

Empty modules for Art. 1000 G 4

O1000G 4V Each **20,60**

Ad esaurimento scorte il modulo verrà spedito con l'art. 913 GS stesse misure.

1000G 6 GEDORE


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 **132,00**

Empty modules for Art. 1000 G 6

O1000G 6V Each **13,00**

1000G 8 GEDORE


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 **244,00**

For empty module see Art. O 1000 G 3V.

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 **107,00**

Empty modules for Art. 1000 G 10

O1000G 10V Each **12,90**

GEDORE **1000G 10**



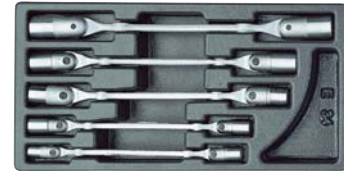
Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 5 pcs, module excluded:
 1 pc each Art. 887 GA 8x9-10x11-12x13-14x15-16x17mm.

1000G 12 Each **265,00**

Empty modules for Art. 1000 G 12

O1000G 12V Each **15,20**

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 **279,00**

Empty modules for Art. 1000 G 14

O1000G 14V Each **12,70**

GEDORE **1000G 14**



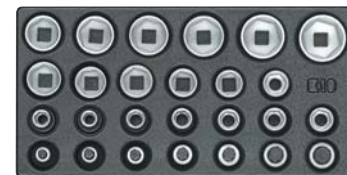
Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 26 pcs, module excluded:
 1 pc each Art. 969 RA 10-11-12-13-14-15-16-17-18-19-21-22-23-24-26-27-28-30-32mm
 1 pc each Art. 969 RV 6-7-8-9-10-12-14mm.

1000G 15 Each **302,00**

Empty modules for Art. 1000 G 15

O1000G 15V Each **13,00**

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 **71,60**

Empty modules for Art. 1000 G 16 - 1000 G 16A

O1000G 16V Each **12,90**

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 **68,60**

For empty module see Art. O 1000 G 16V.

GEDORE **1000G 16A**



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 **62,60**

For empty module Art. O1000 G 16V.

GEDORE **1000G 16E**
new



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 **202,00**

Empty modules for Art. 1000 G 17

O1000G 17V Each **13,00**

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 **204,00**

Empty modules for Art. 1000 G 18

O1000G 18V Each **12,70**

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 **362,00**

Empty modules for Art. 1000 G 20

O1000G 20V Each **12,80**

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 **158,00**

Empty modules for Art. 1000 G 21

O1000G 21V Each **12,90**

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 **411,00**

Empty modules for Art. 1000 G 22

O1000G 22V Each **13,00**

1000G 24 **GEDORE**



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 **363,00**

Empty modules for Art. 1000 G 24

O1000G 24V Each **13,00**

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	200,00
Empty modules for Art. 1000 G 26		
O1000G 26V	Each	12,70

GEDORE

1000G 26



3

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	96,40
Empty modules for Art. 1000 G 27		
O1000G 27V	Each	13,00

GEDORE

1000G 27

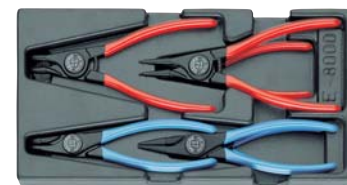


Product description as Art. 1000G 1
 Width by module depth 157.5x310mm.
 6 pcs, module excluded:
 1 pc each Art. 274 GA 140-180mm
 1 pc Art. 275 GA 170mm
 1 pc each Art. 276 GA 140-175mm
 1 pc Art. 277 GA 165mm.

1000G 28	Each	125,00
Empty modules for Art. 1000 G 28		
O1000G 28V	Each	12,90

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	10,10
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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	2,22
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GEDORE

1000G 34



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.

1000G 35	Each	5,82
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GEDORE

1000G 35



Product description as Art. 1000G 1
 Width by module depth 157x30mm.
 Tool unit posts for small parts. For fixing modules inside drawers
 480x400mm.
 3 pcs required for each drawer.

1000G 38	Each	18,70
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GEDORE

1000G 38



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	42,10
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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	19,80	22,60	29,30	32,80	44,30

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	28,50	31,70	39,10	45,60	81,60

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	30,80	37,60	52,10

PIPE WRENCHES MOD. STILLSON
1020G SCU

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	20,70	25,90	31,10	36,80	52,70	79,90	211,00

PIPE WRENCHES AMERICAN PATTERN
1021GE SCU

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	23,50	30,90	37,50	41,70	61,70	92,80	213,00

Spare parts available on request.

PIPE WRENCHES AMERICAN PATTERN - LIGHT EXECUTION
1025G SCU ALUMINIUM

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	41,20	50,10	55,90	66,50	106,00	228,00	378,00

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	72,60	101,00	168,00

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	45,60	56,20	174,00



PIPE WRENCHES SWEDISH PATTERN

Orig. Carolus - Art. 2175

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	25,50	38,20	57,50	104,00



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



Orig. Carolus - Art. 2179

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	27,10	39,80	59,90	112,00



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	67,20	102,00	156,00	199,00	307,00



Orig. Gedore - Art. 176

Jaws bent at 52° - DIN 5234 B. In CHROME VANADIUM steel. Thin and bent jaws. High-resistant epoxy paint coating.

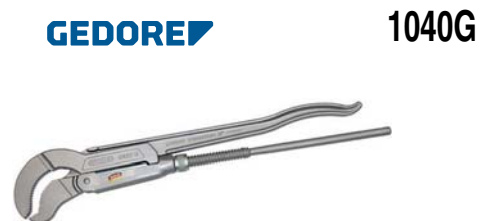
Size		3/4	1	1.1/2	2	3
For pipes up to Ø	inch	1	1.1/4	1.3/4	2.1/4	3.1/2
Max opening	mm	38	44	62	76	105
Overall length	mm	280	320	430	580	670
1038G	Each	57,80	69,50	98,80	146,00	207,00



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	76,10	108,00	167,00	248,00



When stocks are depleted, we will provide it with handles coated with bi-component material.

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	77,10	106,00	111,00	186,00	284,00

1042G **SCU**

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

CHAIN PIPE WRENCHES
1043G **GEDORE**

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	126,00

Spare chains for Art. 1043G

O1043G	Each	63,30
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1044G **STUREM**

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	315
1044G	Each	68,10

Spare chains for Art. 1044 G.

O1044G	Each	35,70
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1045G **SCU**

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	46,80

Spare chains for Art. 1045 G.

O1045G	Each	33,40
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BAND PIPE WRENCHES
1045GE **SCU**

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	49,60	53,80

Spare bands for Art. 1045GE

Size		3	8
O1045GE	Each	14,90	16,30

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	181,00	359,00	462,00	844,00	1.100,00

Spare chains for Art. 1046 G.

Size		4	6	8	12	16
O1046G	Each	55,50	80,50	103,00	176,00	256,00

SCU

1046G



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	236,00	327,00	419,00	562,00	694,00	1.160,00

Spare chains for Art. 1049 G.

Size		2	3	4	6	8	12
O1049G	Each	83,60	87,50	125,00	179,00	231,00	365,00

GEDORE

1049G



Orig. Gedore

Spare jaws for Art.1049 G.

Size		2	3	4	6	8	12
1049GR	Per pair	94,50	125,00	175,00	212,00	257,00	368,00

GEDORE

1049GR



PIPE CUTTERS FOR PLASTIC MATERIALS

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	15,10

Spare knives for Art. 1052 A.

O1052A	Each	4,44
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Product description as Art. 1052B

Overall length	mm	185
For pipes cut Ø by	mm	12-25
1052B	Each	22,90

Spare knives for Art. 1052 B.

O1052B	Each	6,72
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SCU

1052A
1052B



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	18,90
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Spare knives for Art. 1052 GE-GF.

O1052GH	Each	9,54
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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	43,60
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Spare knives for Art. 1052 GHA.

O1052GHA	Each	20,20
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SCU

1052GHA



1052GL 


Shears type, ratchet movement for easy cutting of hard plastic pipes. Special steel knives. Cutting capacity Ø 42mm. Total length 195mm.

1052GL Each **17,10**

Spare knives for Art. 1052 GL.

O1052GL Each **4,88**

1052GLA 


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 **57,40**

Spare knives for Art. 1052 GLA.

O1052GLA Each **23,90**

1052GLP 


Prod. SCU

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 50mm. Total length 250mm.

1052GLP Each **66,10**

Spare knives for Art. 1052 GLP.

O1052GLP Each **27,60**

1052GM 


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 **75,10**

Spare knives for Art. 1052 GM.

O1052GM Each **61,30**

1052GP 


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 **98,10**

Spare knives for Art. 1052 GP.

O1052GP Each **28,60**

1052GR 


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 **63,20**

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 **65,50**

GEDORE

1052L



3

PIPE CUTTERS FOR PLASTIC MATERIALS

Prod. SCU

Wheel type with telescopic guide. Suitable for cutting PE, PP, PVC, Nylon pipes.

With 1 thin wheel in high-resistance steel, 2 rollers and knife reamer blade.

For pipes Ø mm 6-42

1053G Each **50,20**

For spare wheels see Art. 01053 GM.

SCU

1053G



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 **67,90**

Spare wheels for Art. 1053 GE.

01053GE Each **4,88**

SCU

1053GE



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 **102,00**

Spare wheels for Art.1053 G -1053 GM.

01053GM Each **4,46**

SCU

1053GM



Product description as Art. 1053GE

With 1 thin steel wheel and 2 rollers.

For pipes Ø mm 50-125

1053GR Each **213,00**

Spare wheels for Art. 1053 GR.

01053GR Each **13,50**

SCU

1053GR



Product description as Art. 1053GE

With 1 thin wheel in high-resistance steel, 4 roller and knife reamer.

For pipes Ø mm 110-168

Overall length mm 370

1053GS Each **313,00**

Spare wheels Ø 45mm for Art. 1053 GP.

01053GS Each **36,10**

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 **19,10**

SCU

1053T



1054G**STUREM****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	13,80

Spare wheels for Art. 1054 G.

O1054G	Each	6,10
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1054GB**SCU****INOX****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	18,70

Spare wheels for Art. 1054 GB.

O1054GB	Each	6,70
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1054GE**SCU**

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	16,70

Spare wheels for Art. 1054 GE.

O1054GE	Each	3,72
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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	19,80

Spare wheels for Art. 1054 GF.

O1054GF	Each	6,70
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1055G**STUREM****Orig. Sturem**

For cutting pipes of copper, brass, aluminium and relevant alloys. For cutting steel and plastic thin pipes. Sharp clean cutting. Reamer blade in the handle for the utmost safety.

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	23,20

Spare wheels for Art. 1055 G.

O1055G	Each	6,10
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1055G 2**STUREM****INOX**

Wheel-type. Suitable for cutting stainless steel thin pipes.

With 1 wheel in high-resistant steel, 2 rollers and reamer blade in the handle for the maximum safety against incidents.

For pipes Ø	mm	3-35
For pipes Ø	inch	1/8-1.3/8
1055G 2	Each	23,80

Spare wheels for Art. 1055 G 2.

O1055G 2	Each	6,38
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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	19,20

Spare wheels for Art. 1055 GA.

O1055GA	Each	3,72
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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	28,20

Spare wheels for Art. 1055 GA 1.

O1055GA 1	Each	6,70
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SCU
INOX 055GA 1


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	36,10

Spare wheels for Art. 1055 GA 3.

O1055GA 3	Each	3,72
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SCU
1055GA 3


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	41,70

Spare wheel for Art. 1055 GA 3.

O1055GA 5	Each	6,70
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SCU
INOX 055GA 5


Wheel type with telescopic guide. Suitable for cutting pipes of copper, brass, aluminium and their alloys.
 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	49,10

Spare wheels for Art. 1055 GA 7.

O1055GA 7	Each	4,26
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SCU
1055GA 7


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	60,10

Spare wheels for Art. 1055 GA 9.

O1055GA 9	Each	7,30
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SCU
INOX 055GA 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	62,70

Spare wheels for Art. 1055 GC.

O1055GC	Each	4,26
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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	69,20

Spare wheels for Art. 1055 GD.

O1055GD	Each	7,30
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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	73,90

Spare wheels for Art. 1055 GM.

O1055GM	Each	7,30
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SCU
INOX 1055GM


AUTOMATIC PIPE CUTTERS
1056G STUREM

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

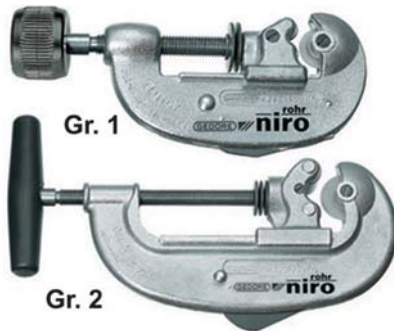
1056G	Each	56,10
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Spare wheels for Art. 1056 G.

O1056G	Each	6,10
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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	6,38
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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 mm 32 65
For pipes Ø mm 4-32 13-65
Overall dimensions mm 20x4,8x5,1 32x9,9x6,1

1057G	Each	109,00	219,00
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Spare wheels for Art. 1057 G.

wheel Ø mm 20 32

For pipe cutter size 32 65

O1057G	Each	27,80	46,20
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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	65,70	93,30	231,00
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Spare wheels for pipe cutters Art. 1063 G

Size 1.1/4 2 3

O1063G	Each	7,94	9,24	20,60
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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	70,50	111,00	257,00
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Spare wheels for pipe cutter Art. 1063 GE.

Size 1.1/4 2 3

O1063GE	Each	13,80	16,10	33,40
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1064G STUREM

Orig. Sturem

Forged steel body.

With cutting wheel made of high-resistance steel and 2 guide rollers.

For cutting of steel pipes.

Size 2 4
For pipes Ø inch 1/8-2 1.1/4-4

1064G	Each	139,00	209,00
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SPARE PARTS FOR PIPE CUTTERS ART. 1064 G 2-4.

Spare wheel for steel pipes.

Size		2	4
1066A	Each	12,50	18,10



Spare wheel for stainless steel pipes.

Size		2
1066E	Each	13,10



Spare wheel for cast iron pipes.

Size		2	4
1066G	Each	11,50	18,70



Spare wheel for plastic and Mepla pipes.

Size		2
1066L	Each	13,70



Wheel pins.

Size		2	4
O1066P	Each	6,68	6,68

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	32,70	41,90	50,70

Spare wheels. In packs of 2 pcs, not sold separately.

Size		1	2
For pipes cutter Art.		1067A 1	1067A 2-3
O1067A	Per pack	8,76	12,30



Orig. Gedore-Dako - Art. 224021

Rotating ratchet type with automatic cutting wheel feed, particularly suitable for confined areas.

Made from 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	981,00

Spare wheels for Art. 1067 G.

O1067G	Each	48,60
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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	86,40

Spare chains for Art. 1068 GA.

O1068GA	Each	62,20
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1068GB SCU



Product description as Art. 1068GA
 For pipes Ø mm 19-115
 For pipes max. thickness mm 6
 Overall length mm 300
1068GB Each **124,00**
 Spare chains for Art. 1068 GB.
O1068GB Each **96,30**

1071GE GEDORE



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 to 175
 No. of wheels and handles 5
1071GE Each **827,00**

1071GF GEDORE



Orig. Gedore - Art. 210200
 Spare wheels for Art. 1071 GE, to cut steel and cast iron pipes.
 50mm diameter.
1071GF Each **33,40**

1071GG GEDORE



Orig. Gedore - Art. 210600
 Replacement pins for wheels Art. 1071 GF.
1071GG Each **6,74**

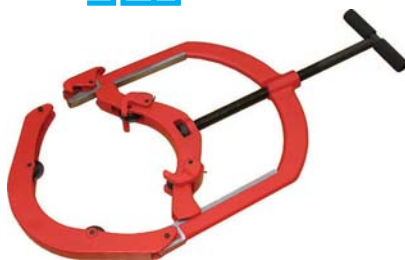
1071GH GEDORE



Orig. Gedore - Art. 210500
 Replacement links, without wheels, for Art. 1071 GE 150.
1071GH Each **26,80**
 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 pc. each spare part
 For pipes Ø 165 mm to 200: add 1 pcs. each spare part.
 For pipes Ø 190 to 225 mm: add 2 pcs. each spare part.
 For pipes Ø 220 to 250 mm: add 3 pcs. each spare part.
 For pipes Ø 240 to 280 mm: add 4 pcs. each spare part.
 For pipes Ø 270 to 300 mm: add 5 pcs. each spare part.
 For pipes Ø 295 mm to 330: add 6 pcs. each spare part.

HINGED PIPE CUTTERS

1073G SCU



Prod. SCU
 Hinged model with openings for the tube to be inserted quickly.
 Special cast steel bodywork. Can be used with ratchet movements of between 90° and 110°, and is particularly suitable for work which involves cutting pipes, or in locations where access is difficult. Milled side rails.
 Pipe cutters come complete with 4 wheels for steel pipes, which are interchangeable.
 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 **1.110,00 1.350,00 1.880,00 2.250,00**

Spare wheels, per Art. 1073 G, to cut steel pipes.

Size	4	6	8	12	
1073GA	Each	29,20	29,20	29,20	29,20

SCU



1073GA

STEEL

Spare wheels, per Art. 1073 G, to cut stainless steel pipes.

Size	4	6	8	12	
1073GB	Each	32,60	32,60	32,60	32,60

SCU



1073GB

INOX

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	42,80	42,80

SCU



1073GC

CAST IRON

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	11,80
--------------	------	-------

SCU



1079G

FRONT

BACK

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	18,10
--------------	------	-------

SCU



1080G

FRONT

BACK

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	62,80
-------------	------	-------

SCU



INOX 1082

FRONT

BACK

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	89,70
-------------	------	-------

SCU



INOX 1083

FRONT

BACK

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	46,70
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SCU

INOX

1085



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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



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	10	10L	11	12
For bores Ø	mm	4	5	5,5	6	6	6,5	7	8	8	8,5	9	10	10	11	12
Overall length	mm	75	85	85	100	150	100	100	120	200	120	120	120	200	150	150
1331G	Each	1,38	1,40	1,42	1,44	2,14	1,56	1,60	1,80	2,76	1,66	2,18	2,34	3,12	3,32	3,32

Type		12L	13	14	14L	16	16L	20
For bores Ø	mm	12	13	14	14	16	16	20
Overall length	mm	200	150	150	200	150	200	160
1331G	Each	5,22	4,32	4,98	5,92	6,62	8,24	10,50

Size mm 8,5 is running out of stock

1331GB



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	9	10	10L	11
For bores Ø	mm	3	4	5	5	5,5	6	6	6,5	7	8	8	9	10	10	11
Overall length	mm	70	75	85	150	85	100	150	100	100	120	200	120	120	200	150
1331GB	Each	1,74	1,66	1,72	2,56	1,78	1,78	2,76	1,88	2,12	2,42	3,76	2,90	3,26	4,96	4,52

Type		12	13	14	15	16	18	20
For bores Ø	mm	12	13	14	15	16	18	20
Overall length	mm	150	150	150	150	150	160	160
1331GB	Each	4,96	6,08	6,58	8,30	8,30	10,20	11,40

1332G



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	13*	14	16	18	20
For bores Ø	mm	4	5	5	6	6	7	8	8	10	10	12	13	14	16	18	20
Overall length	mm	75	85	150	100	150	100	120	200	120	200	150	150	150	150	160	160
1332G	Each	1,50	1,56	2,80	1,80	2,92	2,42	2,42	5,94	3,16	6,88	4,36	7,30	7,54	10,50	13,50	17,20

* Sizes running out of stock

DRILL BITS FOR HARD STONES AND WALLS

1332GB



Prod. SCU

Professional/industrial type.

With HARD METAL tool bit for rotation and percussion.

With strengthened cutting edge and heavy-duty bearing. Made of 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	5,5*	5,5L*	6	6L	6,5*	6,5L*	7	7L*	8	8L	9
For bores Ø	mm	3	4	5	5	5,5	5,5	6	6	6,5	6,5	7	7	8	8	9
Overall length	mm	85	85	95	150	95	150	100	150	100	150	100	150	120	200	120
1332GB	Each	3,80	3,94	4,02	7,78	4,06	7,46	4,12	8,36	4,20	9,18	4,34	9,04	5,26	10,20	6,28

Type		10	10L	12	12L	14	14L*	16	18	20
For bores Ø	mm	10	10	12	12	14	14	16	18	20
Overall length	mm	120	200	130	220	150	260	150	160	160
1332GB	Each	7,16	12,30	10,70	16,10	15,80	19,60	21,70	25,50	29,10

* 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. Made of 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	6,14	6,58	7,22	10,70	8,18	8,96	13,20	11,80	17,10	16,20

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. Made of 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	5,84	5,64	7,70	7,98	8,82	11,20	13,30

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. Made of bright steel.

Max connection Ø 10 mm.

SCU

1334GB



Type		3	4	5	5L	5,5*	6	6L	6,5*	8	8L	10	10L	12	12L	14
For bores Ø	mm	3	4	5	5	5,5	6	6	6,5	8	8	10	10	12	12	14
Overall length	mm	70	85	85	150	85	100	150	100	120	200	120	200	150	220	260
1334GB	Each	4,76	5,32	5,28	7,68	5,18	5,14	8,24	5,40	6,14	10,20	7,34	13,60	11,70	17,70	22,10

For the same type with SDS-plus see Art. 1340 GL.

* Sizes running out of stock

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.

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

SCU

1334GC



DIAMONDED

ASSORTMENTS OF DRILL TIPS

Prod. SCU

Wall-mountable.

Set of 5 drill bits Art 1331G: 4-5-6-8-10 mm.

1334GD	Each	11,80
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SCU

1334GD



1334GF
1334GL
1334GS
1334GT



Product description as Art. 1334GD
Set of 4 drill bits Art 1332G: 5-6-8-10 mm.
1334GF Each 8,92
Product description as Art. 1334GD
Set of 4 drill bits Art 1332GB: 5-6-8-10 mm.
1334GL Each 23,60
Product description as Art. 1334GD
Set of 4 drill bits Art 1334G: 5-6-8-10 mm.
1334GS Each 35,70
Product description as Art. 1334GD
Set of 4 drill bits Art 1334GB: 5-6-8-10 mm.
1334GT Each 25,30

4

1334GTA SCU



Comes in a transparent plastic bag.
6 assorted tips in accordance with Art. 1332 GB in mm 3-4-5-6-8-10 sizes.
1334GTA Each 28,30

1334GTE SCU



Hangable pack.
Assortment of 5 drill tips Art. 1334 GC 5-6-7-8-10mm.
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	3,36	3,46	3,56	3,88	3,96	4,12	4,30	
For bores Ø	mm	10	12						
1334GV	Each	5,86	7,94						

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 16,50

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	18L
For bores Ø	mm	8	8	10	10	12	12	14	14	16	16	18	18
Useful length	mm	350	550	350	550	350	550	350	550	350	550	350	550
Overall length	mm	400	600	400	600	400	600	400	600	400	600	400	600
Drive Ø	mm	7,3 cil.	7,3 cil.	9,3 cil.	9,3 cil.	10 esag.	10 esag.	10 esag.	10 esag.	10 esag.	10 esag.	10 esag.	10 esag.
1335G	Each	6,98	11,10	8,88	13,20	10,70	15,50	13,50	17,90	15,40	19,90	18,30	25,10

Type		20	20L	22	22L	25	25L	28*	28L*	30*	30L*	35*
For bores Ø	mm	20	20	22	22	25	25	28	28	30	30	35
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	10 esag.	10 esag.	12 esag.	12 esag.	12 esag.	12 esag.	12 esag.	12 esag.	12 esag.	12 esag.	12 esag.
1335G	Each	21,40	27,80	26,10	32,80	32,80	41,20	40,90	49,10	44,10	53,10	57,20

Type from 18 to 20L may be used with extension Art. 1336 GT.
 Type from 22 to 35 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 Each **47,30**

Extensions for drill bits 1335 G type 22 to 35 with 12mm hexagonal shank and for core bits 1337GN with shank 1337 GP/1337 GP 1.
 Working length 370 mm.

1336GV Each **48,50**



1336GT
1336GV



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.
 Core bit only.

Nibbling machine crown Ø	mm	25	30	35	40	50	68	80	
1337GN	Each	51,20	51,20	54,10	54,10	57,50	70,80	82,10	
Nibbling machine crown Ø	mm	90	100						
1337GN	Each	94,80	155,00						



1337GN



SHANKS FOR CORE BITS

Prod. SCU

Shanks for core bits Art.1337 GN
 Hexagonal shank 12mm. M16 external thread.
 Total length 100 mm.

1337GP Each **16,70**

Shanks for core bits Art.1337 GN
 SDS-plus. M16 external thread.
 Total length 110 mm.

1337GR Each **22,20**

Product description as Art. 1337GR
 Total length 300 mm.

1337GR 1 Each **30,10**



1337GP



1337GR



1337GR 1



PILOT DRILL BITS

Prod. SCU

Pilot drills for core bits Art. 1337 GN
 With HARD METAL tool bit. Diameter 9mm. Total length 120mm.

1337GS Each **3,32**



1337GS



REINFORCED CONCRETE DRILL BITS FOR PERCUSSION HAMMERS

1338GBR SCU



CUT ONLY THE ROD IRON



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	147,00	147,00	177,00	190,00	194,00	221,00	226,00	239,00

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.

Nibbling machine crown Ø	mm	40	50	65	80	90	100	125	150
1338GC	Each	127,10	141,10	154,10	180,10	192,10	218,10	283,10	348,10

1338GCA SCU



Product description as Art. 1338GC
 Core bit without pilot drill bit.

Nibbling machine crown Ø	mm	40	50	65	80	90	100	125	150
1338GCA	Each	103,00	117,00	130,00	156,00	168,00	194,00	259,00	324,00

1338GCB SCU



Pilot drill bit, with HARD METAL tool bit.

Ø	mm	12
Length	mm	155

1338GCB	Each	24,10
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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.

Nibbling machine head Ø	mm	35	42	52	65	80	90	100
1338GDA	Each	140,00	164,00	210,00	288,00	309,00	342,00	399,00

Nibbling machine head Ø	mm	110	125	150
1338GDA	Each	399,00	576,00	821,00

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 and 42	52 and 65	65 and 80	80 to 150

1338GDE	Each	56,80	80,80	107,00	128,00
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Interchangeable threaded screw starting from size with diameter 30mm. Suitable for Art. 1338 GDE.

OB1338GDE	Each	15,10
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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	48,50	53,50

For extensions see Art. 1338 GP.

SCU

1338GDL



GREASE FOR RATIO THREADS.
Special grease for lubrication of Ratio system threads, for easy assembly/disassembly of components, avoiding any breaking.

1338GDP	Each	10,90
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Product running out of stock

SCU

1338GDP



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	37,70
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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	37,70
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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	41,30
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SCU

1338GE 4



Product description as Art. 1338GE 2
HILTI TORNA 765

1338GE 5	Each	37,70
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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	39,10
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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	39,10
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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	39,10
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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	37,70
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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	37,70
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Product running out of stock

SCU

1338GE 12



1338GE 17 SCU



Product description as Art. 1338GE 2
WACKER EHB/EHUB 10Y - EHB 10/220 - METABO Mh E 105 - IMPEX DS 120

1338GE 17 Each **39,10**

Product running out of stock

1338GE 18 SCU



Product description as Art. 1338GE 2
DUSS P 20/P 28/PN 28S

1338GE 18 Each **39,10**

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 **39,10**

1338GK 11 SCU



Product description as Art. 1338GK 1
BOSCH 11205/UHB 4/26 - 2DS

1338GK 11 Each **39,10**

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	89,90

DRILL BITS FOR PERCUSSION HAMMERS

1339GU SCU

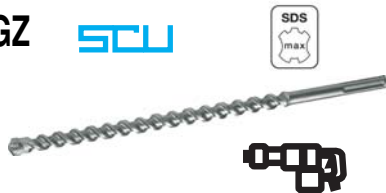


Prod. SCU
With HARD METAL strengthened tool bit and 4 cutting edges.
Strengthened twist drill with double spiral. Heavy-duty ground and hardened shank.
Suitable for drilling concrete conglomerates, walls, stones and rocks.
For percussion hammers with hexagonal 13mm. chuck such as: MAKITA and HITACHI 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	28,40	31,10	75,50	39,30	32,60	26,90	46,20	43,10	53,40	105,00	44,20	55,30	98,20	70,40	46,10

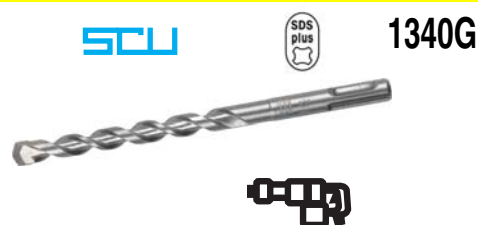
Type		20A	20B	22	22A	22B	24	24A	25	25A	25B	26	28*	28A	28B	30A
For bores Ø	mm	20	20	22	22	22	24	24	25	25	25	26	28	28	28	30
Useful length	mm	400	800	200	400	800	200	400	200	400	800	200	250	450	550	450
Overall length	mm	520	920	320	520	920	320	520	320	520	920	320	370	570	670	570
1339GZ	Each	58,80	78,50	49,10	57,20	79,70	47,80	61,70	53,90	62,20	94,10	95,90	67,20	79,50	116,00	97,60

Type		32*	32A	32B	35A	35B	38*	38A	40*	40A	40B	45A
For bores Ø	mm	32	32	32	35	35	38	38	40	40	40	45
Useful length	mm	250	450	800	450	550	250	450	250	360	800	360
Overall length	mm	370	570	920	570	670	370	570	370	520	920	520
1339GZ	Each	71,90	106,00	144,00	118,00	164,00	107,00	139,00	118,00	167,00	207,00	205,00

* 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.

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	3,70	5,98	2,52	3,36	4,18	3,18	3,18	2,74	3,12	4,50	6,44	11,90	3,52	3,78	6,70

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	3,14	4,04	6,22	3,02	3,52	4,18	5,54	7,40	11,10	21,40	4,70	5,02	3,66	3,88	6,26

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	6,78	6,78	12,60	11,10	18,70	48,90	7,60	9,08	7,54	4,98	6,44	7,58	7,02	9,64	18,70

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	53,40	6,96	8,82	6,96	7,78	8,48	8,86	15,80	19,50	57,10	9,88	9,88	11,10	11,10	13,10

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	12,10	15,10	21,20	34,20	60,90	13,30	15,90	18,40	20,90	33,30	73,80	19,80	24,30	16,20	19,10

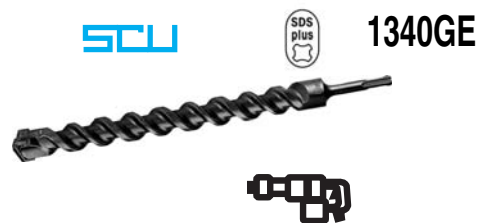
Type		20B	20C	20D	22	22A	22B	22E	24	24A	25	O25A	25A	25E	26	26A
Ø	mm	20	20	20	22	22	22	22	24	24	25	25	25	25	26	26
Useful length	mm	400	550	950	200	400	550	950	200	400	200	250	400	950	200	400
Overall length	mm	450	600	1000	250	450	600	1000	250	450	250	300	450	1000	250	450
1340G	Each	24,20	31,60	77,40	24,10	27,20	38,90	77,10	29,70	33,60	26,90	32,20	31,80	93,10	31,60	35,10

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.



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	2,52	2,52	3,16	2,66	3,28	4,06	4,54	3,16	3,80	4,54	5,94	6,30	3,80	5,06	5,18

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	6,30	5,82	6,54	7,86	11,90	7,72	8,92	13,90	19,00	13,90	16,70	17,60	16,40	20,20	27,70

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	20,80	26,50	35,30	29,10	44,10	45,40

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.

Made of 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	6,52	8,00	9,48	10,30	21,20

* Sizes running out of stock

ADAPTORS FOR SDS-PLUS BITS

1340GR 9


**Prod. SCU**

Made of 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	74,30
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SDS-PLUS ADAPTORS FOR CHUCKS

1340GR 22


**Prod. SCU**

Made of 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	11,80
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SDS-plus adaptors for bits with 1/4" connection DIN 3126 C6,3 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.

Nibbling machine crown Ø	mm	68	82
Segment height	mm	7	7
1345GA	Each	79,10	95,40

SHANKS FOR CORE BITS

1345GB


**Orig. Sonnenflex**

Fittings in accordance with Art. 1345 GA.

12 mm hex shank. M 16 exterior thread. Total length 220mm.

1345GB	Each	23,90
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1345GC




Fittings in accordance with Art. 1345 GA.

SDS plus. M 16 exterior thread. Total length 220 mm.

1345GC	Each	23,90
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PILOT DRILL BITS

1345GE


**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	9,40
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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	193,00	214,00	236,00	257,00	278,00	321,00



1350GA



DIAMONDED

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
Overall length	mm	120	220	320	320	320	320	320
1350GB	Each	96,20	114,00	139,00	161,00	193,00	214,00	236,00
Ø	mm	71	83					
Overall length	mm	320	320					
1350GB	Each	278,00	342,00					



1350GB



DIAMONDED

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	160,00	252,00



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	1.370,00
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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.

Length 275mm.

1378G	Each	8,50
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Spare suckers for Art. 1378 G.

Ø	mm	20	25	30	37
O1378G	Each	2,92	3,04	3,76	4,56



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 dia. 8mm, length 135mm.

1380G	Each	246,00
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For spare suckers see Art. 01378 G x 20 - 25 - 30 - 37.



1380G



NEW!

NEWS CHAPTER 5

carolus
by GROSS



1409G

Screws And Nuts Extractors In Set
▶ P. 394



1408GR

Screw Extractors In Set
▶ P. 393

Sicutool items: availability and technical details

CHECK WAREHOUSE AVAILABILITY

- www.sicutool.it/catalogo-web
For consultation by PC
- m.sicutool.it
For consultation by smartphone and tablet

CHECK FOR CANCELLED ITEMS

- www.sicutool.it/articoli-eliminati

CONSULT ADDITIONAL TECHNICAL INFORMATION

- www.sicutool.it/catalogo-web

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 **1413GM**
To **1419G**

Specific extractors
Universal extractors
Separators
Coil spring compressors



From **1420G**
To **1455GB**

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	12,20	12,20	12,20	12,20	12,20	14,10	14,10
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	14,10	18,90	18,90	18,90	29,80		

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	12,20	12,20	12,20	12,20	12,20	14,10	14,10
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	14,10	18,90	18,90	18,90	29,80		

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	12,20	12,20	14,10	14,10	14,10	18,90	18,90	18,90	29,80

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 Per series **80,10**

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 Per series **140,00**

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	28,20	29,30	29,30

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	32,70	35,70	38,10	45,60

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 **98,80**

Product description as Art. 1405GE

Set of Extractors Art.1405 GB x 6-8-10-12.

1405GF Each **142,00**

Product description as Art. 1405GE

Set of Extractors Art. 1405 GA x 3-4-5-6 - 1405 GB x 8-10-12.

1405GH Each **198,00**

**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
No. of extractors		5	6	8
Supplier code.....		4.605.4	4.606.4	4.608.0
Per series		13,60	19,10	40,10



**1406G 5
1406G 6
1406G 8**



SCREW EXTRACTORS

Orig. Schröder

Made of chrome-vanadium steel. Suitable for extracting broken or headless screws.
Left self-biting thread.



1407G

Size		1	2	3	4	5	6	7	8	9	10
Overall length	mm	50	57	64	71	79	85	92	100	112	122
Helical bit for pre-bore Ø	mm	1,8	3,2	4,5	6,5	8,5	12	15,3	20	25	33
For screws Ø	M.	3-6	6-8	8-11	11-14	14-18	18-24	24-33	33-45	45-52	52-64
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	4.509.0	4.510.0
1407G	Each	1,60	1,60	1,90	2,42	3,12	4,88	7,64	11,20	24,10	42,10

SCREW EXTRACTORS IN SET

Orig. Schröder

Composed of high-performance extractors Art.1408 GS.

In case.

Art.		1408GL	1408GP
For screws Ø	M.	3-18	3-24
No. of extractors		5	6
Supplier code.....		4.615.4	4.616.4
Per series		18,80	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 Per series **94,90**



1408GR
new

SCREW EXTRACTORS

1408GS



Orig. Schröder

Made of 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
Supplier code		4.511.0	4.512.0	4.513.0	4.514.0	4.515.0	4.516.0
1408GS	Each	2,22	2,22	2,70	3,22	4,18	7,06

SCREW EXTRACTORS IN SET

1408GT



Prod. SCU

Set of extractors Art.1408 GV.
In plastic bag.

For screws Ø	M.	5-20
No. of extractors		5
1408GT	Per series	54,70

SCREW EXTRACTORS

1408GV



Prod. SCU

Made of 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	8,36	8,36	10,20	11,10	14,80	22,70	27,30

SCREWS AND NUTS EXTRACTORS IN SET

1409G
new



Orig. Carolus - Art. 5199.0010

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	Per series	115,00
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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	86,10	90,30	117,00

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	72,60	84,60	90,30	115,00

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 **268,00**

GEDORE

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 **245,00**

Spare cutting-edge for Art. 1411 GV.

O1411GV Each **50,60**

BUCO

1411GV



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 **425,00**

GEDORE

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 **696,00**

Spare cutting-edge for Art. 1411 GZ.

O1411GZ Each **112,00**

BUCO

1411GZ



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 **115,00**

GEDORE

1412A



Orig. Buco - Art. 74

Rotating type. Made of 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 **110,00**

Spare knurled eccentric for Art. 1412 GE.

O1412GE Each **29,50**

BUCO

1412GE



1413A GEDORE



Orig. Gedore

Rotating type, small size. Forged and hardened heavy-duty steel. For extracting studs, with right/left screwing, even with reduced protrusion. 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	58,90	69,30	84,70

1413G



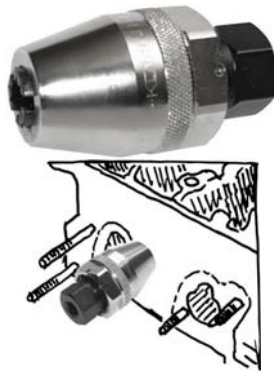
Orig. Bucco - Art. 71

Rotating type, small size. Made of forged and hardened heavy-duty steel.

Tool to extract studs, with left/right screwing, even with reduced protrusion. External hexagonal connection. Nickel plated.

Size	1	2	3
For screws and studs by mm	4-13	8-19	17-28
1413G Each	59,10	69,30	86,10

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	153,00

1413GF SCU



Prod. SCU

Roller model made from special steel, chrome plated.

Can unscrew and screw studs with minute 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		29,40	29,40	29,40	29,40

1413GH SCU



Assortment of 4 stud extractors Ø 6-8-10-12 mm square drive 1/2".

In convenient packaging.

1413GH Each	86,50
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EXTRACTORS FOR BEARINGS

1413GM GEDORE



Orig. Gedore - Art. 1.44/1

Special steel body and jaws. Three-jaws type. For removing bearing bushings and inner rings. Ø 5 to 32mm. Length 135mm. Suitable for electric motors, dynamos, etc.

1413GM Each	213,00
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Product running out of stock

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	251,00
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1413GP



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	64,70	65,10	66,40	69,50	71,30	74,10	90,50

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	102,00	130,00	169,00	258,00



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	100,10	105,00	111,00	121,00



1414E



TIN

Orig. Buco - Art. 50

Two-jaw type to extract ball bearings.

Zinc-chrome finish. Made of 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. 1415 G1-2-3.

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	62,40	62,40	62,40	65,70	67,30	76,10

Size	4	5	6	7	
Expansion by mm	27-36	36-46	46-58	58-70	
1414G	Each	79,10	97,10	125,00	162,00



1414G



Orig. Buco - Art. 50N

Two-jaw type to extract roller bearings.

Zinc-chrome finish. Made of forged and hardened steel.

The heavy-duty and strong body together with the huge expanding strength ensure the extraction even of stubborn bearings.

To be used with Art. 1415 G1 and 1415 GP.

Size	2	4	
Expansion by mm	13-15	16.5-18.5	
1414GA	Each	112,00	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	67,80	70,50



1414GC



MULTIPLE-GRIP EXPANDERS

1414GE



Orig. Buco - Art. 53

Multiple-grab type, with uniform expanding body to ensure easy extraction of ball bearings. Burnished finish. Made of 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	Nr	2	2	2	2	4	4	4	4	4	4	4	4	4	4	6	6
1414GE	Each	66,30	66,30	66,30	66,30	54,70	55,50	56,50	69,80	72,40	75,10	88,50	104,00	104,00	113,00	135,00	156,00

GREAT CAPACITY EXPANDERS.

1414GH GEDORE



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	486,00
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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 from 01 to 4 1414 and from 1 to 4 1414 GC 2 and 3	1414 B from 5 to 7	1414 B 8	
Supplier code	1.36/1	1.36/2	1.36/3	
1415A	Each	62,40	93,10	182,00

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	62,60	93,40	167,00

1415GE GEDORE



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	259,00
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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 from 1 to 4	1414 B from 01 to 4 - 1414 E from 1 to 4 - 1414 GC 2 and 3	1414 B from 01 to 6	1414 B from 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	31,70	36,80	129,00	124,00



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 a 3/1414 GA x 1 a 6/1414 GE x 1 a 7.

1415GP	Each	44,20
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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 a 14.

1415GS	Each	93,30
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Orig. Buco - Art. 54/3

Product description as Art. 1415GP

For expanders Art. 1414 G x 6 e 7/1414 GE x 15 e 16.

1415GT	Each	154,00
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1415GP
1415GS
1415GT



5

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	406,00	690,00	1.010,00



1416A



Orig. Gedore - Art. 1.34/10

Sets are composed of 1 percussor Art. 1415 GN 0, 4 expanders Art. 1414 E 1 - 2 - 3 - 4 and manoeuvring wrench.

In sturdy synthetic material case.

1416E	Each	483,00
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TIN

1416E



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	358,00	613,00	897,00



1416G



EXTRACTORS FOR BALL BEARINGS

1417A GEDORE



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, force lever and interchangeable arms.

Forged and hardened steel.

PULLERS WITHOUT ARMS complete with screw-type clamp, flange and 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	29,60	43,80	57,20	71,10	84,50

Supplied without arms.

Size 2 is running out of stock

When the stocks will be run out, the size 2 is replaced with the size 1.

1417F GEDORE



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 to 1	1417 to 1	1417 to 2 (1)	1417 to 2 (1)
Supplier code		1.29/10	1.29/15	1.29/20	1.29/25
1417F	Per series	77,10	77,60	70,50	80,70
Size		15	16	17	18
Overall length	mm	185	187	235	236
For extractors Art.		1417 to 2 (1) -3	1417 to 3	1417 to 4	1417 to 4-5
Supplier code		1.29/30	1.29/35	1.29/40	1.29/45
1417F	Per series	106,00	113,00	130,00	148,00

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.

Size 13 is running out of stock

When the stocks will be run out, the size 13 is replaced with the size 12.

1417G BUCO



Orig. Buco - Art. 44

Product description as Art. 1417A

Made of 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	45,20	59,60	61,60	65,40	84,70

Supplied without arms.

1417GB BUCO



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	Per series	74,40	76,50	92,90	92,90
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	Per series	92,90	97,20	110,00	161,00

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 cases.

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 **740,00**

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.

GEDORE

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 **1.140,00**

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.

GEDORE

1417GP 2



5

Orig. Buco - Art. 44/K1

Product description as Art. 1417GP 1

The set is composed of: extractors 1417 G x Gr. 1 and 2, arms 1417 GB x Gr. 11-12-13-14 and 1 operating force lever.

1417GS 1 Each **408,00**

Orig. Buco - Art. 44/K2

Product description as Art. 1417GP 1

The set is composed of: extractors 1417 G x Gr. 3-4-5, arms 1417 GB x Gr. 14-15-16-17-18 and 1 operating force lever.

1417GS 2 Each **961,00**

Orig. Buco - Art. 44/K3

Product description as Art. 1417GP 1

The set is 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 operating force lever.

1417GS 3 Each **1.310,00**

BUCO

**1417GS 1
1417GS 2
1417GS 3**



1419GA GEDORE
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 **605,00**

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 **624,00**

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 **1.230,00**

RAPID ADJUSTMENT PULLERS

1420G GEDORE



SELF REGULATING

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	474,00	672,00

For spare screw see Art. 1455 GA.

EXTRACTORS FOR BATTERY TERMINALS.

1421GA BUCO



Orig. Buco - Art. 40

Used for removing windscreen wipers and battery terminals jammed because of oxidation. The pressure exerted on the spring allows to use one hand only. Zinc-plated finish.

Size		1	2
Max opening	mm	55	70
Useful length	mm	45	65
1421GA	Each	44,70	52,60

UNIVERSAL MINI-EXTRACTORS

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	32,20	32,40	43,30

GEDORE

1421GAT



Orig. Buco - Art. 36

Made of 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	32,90	34,50

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	41,10	42,90	57,40

GEDORE

1421GD



Orig. Buco - Art. 37

Made of 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	46,10	49,30

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	173,00	147,00	175,00	199,00

GEDORE

1421GH



1421GL



Orig. Buco - Art. 38

Made of 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

1421P



Prod. SCU

Made of 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	59,10	67,10

UNIVERSAL DOUBLE-GRIP PULLERS

1422



Prod. SCU

Made of 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	19,10	20,90	25,40	29,10	33,80	40,80	57,20
Max opening	mm	200	250	300				
Useful length	mm	140	250	300				
Weight	Kg	2,7	9	13				
1422	Each	67,10	174,00	257,00				

1423G



Orig. Buco - Art. 10

Made of steel. With arms forged in one piece. H-beam arm rest with trapezoidal stiffener. 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	89,10	95,20	169,00	188,00	326,00	355,00	547,00

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	28,60	48,10	78,10

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	37,90	59,10	95,60

UNIVERSAL DOUBLE-GRIP PULLERS

Orig. Buco - Art. 80

Standard type, with bolster and very hardened arms. Large working opening. Arms for inside/outside use.

Size		1	1A
Max opening	mm	100	150
Useful length	mm	100	100
Weight	Kg	0,6	0,7
1423GE	Each	82,90	87,30



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	861,00
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HYDRAULIC DOUBLE-GRIP PULLERS

Orig. Buco - Art. HY 10

Hydraulic pivot type.

Made of steel, arms are forged in one piece. H-beam arm rest with trapezoidal stiffener. 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	508,00	662,00	695,00	892,00

For spare arms and extensions see Art. 1423 GA and 1423 GB.



UNIVERSAL DOUBLE-GRIP PULLERS, THIN ARMS

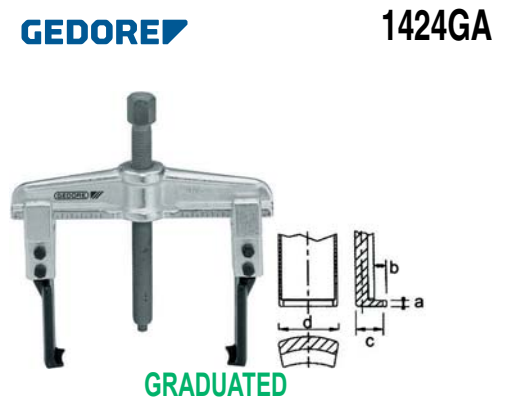
Orig. Gedore

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	141,00	150,00	234,00	257,00

Spare arms can be supplied on request. For spare screw see Art. 1455 GA.



DOUBLE-GRIP PULLERS, THIN ARMS

1424GB GEDORE



GRADUATED

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:

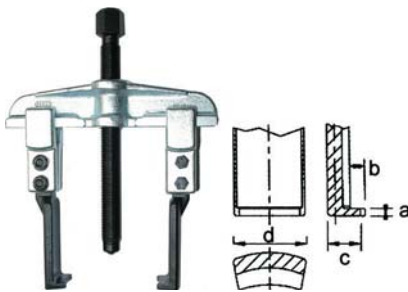
- 1 cross-beam rest for 2 arms max. aperture 140mm
- 2 arms length 100mm
- 2 arms length 200mm
- 2 arms length 250mm

1424GB	Per series	404,00
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Spare arms can be supplied on request.

UNIVERSAL DOUBLE-GRIP PULLERS, THIN ARMS

1424GE BUCO



Orig. Buco - Art. 16

Made of 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	123,00	132,00	226,00	250,00
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ARMS FOR PULLERS

1424GF BUCO



Orig. Buco

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	79,10	143,00
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1424GH BUCO



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	102,00	173,00	118,00	179,00
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UNIVERSAL DOUBLE-GRIP PULLERS

1424GL GEDORE



GRADUATED

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 1/	G 1/	G 3/	G 3/	G 1x310
		14x1,5x140	14x1,5x140	2x210	2x210	4x280	4x280	
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	104,00	112,00	189,00	207,00	343,00	376,00	553,00
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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.

Prices in EURO - VAT not included

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 **955,00**



1424GM



LOOSE ARMS FOR EXTRACTORS

Orig. Gedore

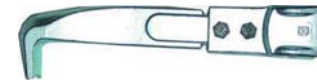
Arms complete with fittings and bolts. in accordance with Art. 1424 GL - 1433 GDP - 1433 GH.

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	29,90	51,70	83,80



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	40,50	68,20	112,00	137,00	143,00



1424GRA



UNIVERSAL DOUBLE-GRIP PULLERS

Orig. Buco - Art. 16

Made of 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	250	350	520
Useful length	mm	100	100	150	150	200	200	200
Weight	Kg	1	1,1	2,8	3,2	6,7	8	12,5
1425G	Each	102,00	108,00	189,00	207,00	351,00	388,00	583,00

Max opening	mm	640
Useful length	mm	225
Weight	Kg	23,5
1425G	Each	1.270,00

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 **954,00**



1425GB



UNIVERSAL DOUBLE-GRIP HYDRAULIC EXTRACTORS

1425GF



Orig. Buco - Art. HY 16

Hydraulic pivot type.

Made of 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	661,00	691,00	897,00	1.730,00

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



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	29,40	52,90	90,60	164,00

1425GP



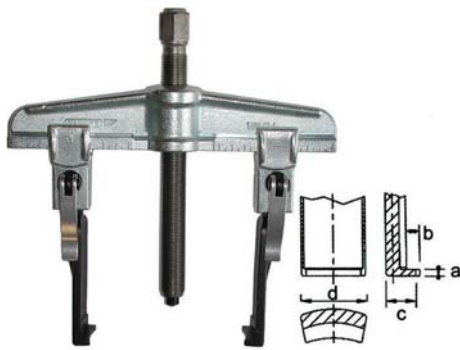
Product description as Art. 1425GM

Long type.

Size		1	2	3	4	5	6	7	8
Useful length	mm	200	300	300	300	400	400	500	500
For extractors opening	mm	80-130	160-200	250-520	640	250-520	640	250-520	640
1425GP	Each	41,90	78,30	125,00	218,00	153,00	253,00	160,00	305,00

RAPID ADJUSTMENT EXTRACTORS WITH TWO THIN ARMS

1425GPE



GRADUATED

Orig. Gedore

Made from 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	147,00	152,00	240,00	262,00

For spare arms see Art. 1425 GPF. For spare screws see Art. 1455 GA.

SEPARATE THIN ARMS FOR RAPID ADJUSTMENT EXTRACTORS

1425GPF



Orig. Gedore

Replacement arms in accordance with 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	50,20	84,50

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.

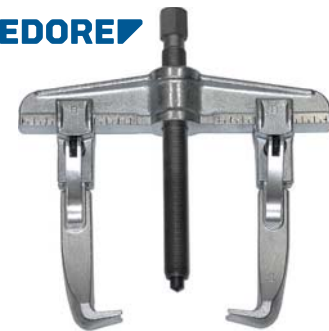
Max opening	mm	90	130	160	200	250	350
Useful length	mm	100	100	150	150	200	200
Weight	Kg	1,1	1,3	3,2	3,6	7,8	9,2
Screw x length Ø	mm	M	M	G 1/	G 1/	G 3/	G 3/
		14x1,5x140	14x1,5x140	2x210	2x210	4x280	4x280
Supplier code.....		1.06/1-E	1.06/1A-E	1.06/2-E	1.06/2A-E	1.06/3-E	1.06/3A-E
1425GR	Each	109,00	117,00	195,00	213,00	351,00	382,00

For spare arms see Art. 1425 GRHA.

For spare screw (manual or hydraulic) see Art. 1455 GA - GB.

GEDORE

1425GR



GRADUATED

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	981,00
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Large assortment of rapid adjustment PULLERS available on request, on sheet steel panel.

GEDORE

1425GRE



5

LOOSE ARMS FOR RAPID ADJUSTMENT PULLERS

Orig. Gedore

Replacement arms in accordance with 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	32,40	54,40	86,70

GEDORE

1425GRHA



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	165,00	287,00	483,00

Spare arms supplied on request.

GEDORE

1425GRL



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	442,00	638,00

For spare and additional arms see Art. 1425 GRAH.

For spare screws see Art. 1455 GA.

Sizes mm 130 and 350 are running out of stock

GEDORE

1425GS



1425GT GEDORE



GRADUATED

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	114,00	117,00	191,00	211,00	358,00	441,00

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

Composed of five strippers/extractors as per Art. 1425 GT placed on a sturdy metal holder for use in workshops and during repairs.

Extractor openings of: 100 - 140 - 170 - 210 - 250 mm.

1425GZ	Each	989,00
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UNIVERSAL DOUBLE-GRIP PULLERS

1426

SCU



Prod. SCU

Made of 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	40,80	48,10	96,10	107,00	218,00	232,00	405,00

Spare arms for Art. 1426X80-130.

O1426 1	Each	16,40
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Spare arms for Art. 1426X160-200.

O1426 2	Each	25,40
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Spare arms for Art. 1426X250-350-520.

O1426 3	Each	45,40
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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	146,00	167,00	226,00

1426G

BUCO



Orig. Buco - Art. 83

Made of 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	144,00	166,00	226,00

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	250,00	315,00	359,00

GEDORE

1427A



Orig. Buco - Art. 85

Made of 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	249,00	316,00	358,00

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	57,50	95,40	144,00	196,00

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	80,20	129,00	191,00	257,00

GEDORE

1427GL



STEERING ARMS PULLERS

1428C **GEDORE**



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	88,60	150,00	169,00	290,00

1428F **GEDORE**



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	110,00	189,00	199,00	399,00

Pullers with max opening 400mm available on request.

1428GA **BUCO**



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	79,10	132,00

1428GB **BUCO**



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	105,00	176,00

EXTENSIBLE ARM EXTRACTORS

1429D **GEDORE**



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	57,10	75,40	133,00	203,00	248,00

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	76,90	96,80	167,00	258,00	326,00

Pullers with max opening 420mm available on request.

GEDORE

1429E



Orig. Buco - Art. 22

Strengthened type, made of 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	63,20	74,40	126,00	202,00

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	84,20	95,90	163,00	258,00

BUCO

1429GB



UNIVERSAL TRIPLE GRIP PULLERS

Prod. SCU

Made of forged steel with 3 jaws for inside/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	20,90	25,90	33,10	37,40

SCU

1431



Made of 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	33,80	45,40	54,40	85,30	280,00	318,00	327,00

SCU

1431E



1433G**BUCO****Orig. BUCO - Art. 13**

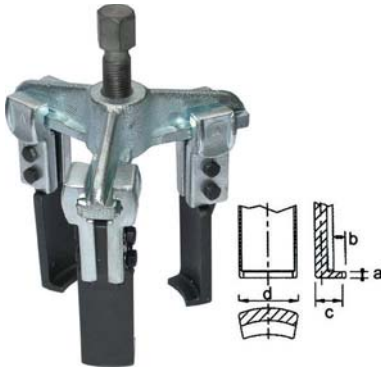
Made of steel. With arms forged in one piece.

Strong H-beam arm rest with trapezoidal stiffener. 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	145,00	253,00	278,00

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 GEDORE**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.

		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	200,00	222,00	362,00	376,00

Spare arms can be supplied on request. For spare screw see Art. 1455 GA.

ASSORTMENT OF EXTRACTORS WITH THREE THIN ARMS

1433GAM GEDORE**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	Per series	606,00
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Spare arms can be supplied on request.

ASSORTMENT OF EXTRACTORS WITH THIN ARMS

1433GAR GEDORE**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	704,00
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Spare parts can be supplied on request.

UNIVERSAL TRIPLE GRIP EXTRACTORS, THIN ARMS.

Orig. Buco - Art. 17

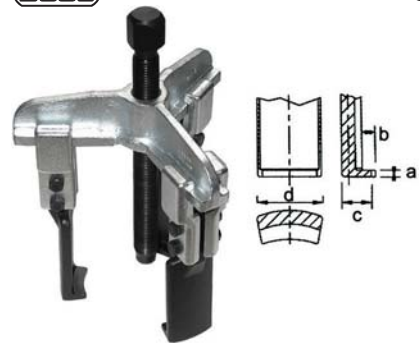
Made of forged and hardened steel.

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	176,00	186,00	330,00	367,00



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	Per series	119,00	214,00



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	Per series	153,00	259,00	177,00	271,00



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	141,00	153,00	269,00	295,00	513,00



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	144,00	154,00	283,00	302,00



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	1.210,00
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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

1433GL



Orig. Buceo - Art. 17

Made of 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	562,00	1.090,00	1.280,00	1.340,00
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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. Buceo - Art. HY17

Hydraulic pivot type.
Made of 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.

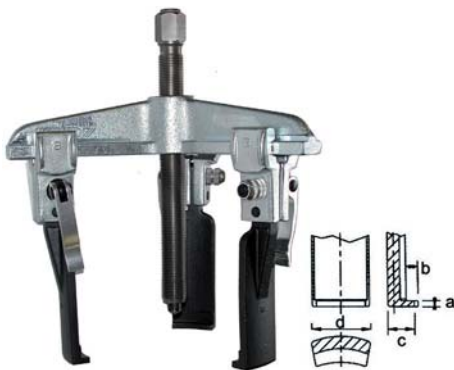
Max opening	mm	380	520	640
Useful length	mm	200	200	200
Maximum pressure:	t.	15	15	15
Weight	Kg	23	26	29

1433GR	Each	1.480,00	1.820,00	1.880,00
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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

Made from 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	209,00	230,00	370,00	382,00
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For spare arms see Art. 1425 GPF.

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	150,00	160,00	277,00	304,00	521,00

For spare arms see Art. 1425 GRHA.

For spare screw (manual or hydraulic) see Art. 1455 GA - GB.



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	146,00	153,00	276,00	291,00	543,00

Spare arms available on request.

For manual or hydraulic spare screws see Art. 1455 GA - GB.



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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	288,00
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UNIVERSAL TRIPLE GRIP PULLERS

Prod. SCU

Made of 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	68,10



Made of forged steel with 3 adjustable and invertible jaws for inside/outside use.

Hardened jaws. Suitable 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	117,00	183,00	311,00	438,00



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	379,00	406,00

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	475,00	510,00

1437G BUCO

Orig. Buco - Art. 24

Made of 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	456,00

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	532,00	561,00

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	84,10	106,00	165,00	257,00	540,00	976,00

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	77,20	126,00	187,00	281,00	545,00	731,00



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	23,40	31,50	41,10	49,10	73,80	91,90



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	19,80	28,90	33,10	56,20	80,70



Orig. Buco - Art. 60
 Made of 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. 1440GAB	0	1	2	3	4	5
1440GA Each	80,10	103,00	166,00	266,00	555,00	1.270,00



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	73,90	117,00	183,00	289,00	583,00	1.030,00



Orig. Buco - Art. ZB
 Product description as Art. 1440GA
 Spare THREADED ARMS.

Size	0	1	2	3	4	5
For extractors Art. 1440GAB	0	1	2	3	4	5
1440GAC Each	15,80	21,90	28,30	78,80	78,80	178,00



Orig. Buco - Art. ZBV
 Product description as Art. 1440GA
 EXTENSIONS.

Size	1	2	3
Overall length mm	100	150	150
For extractors Art. 1440GAB	1	2	3-4
1440GD Each	12,80	15,10	42,60



Extensions for Size 0 and 5 are supplied on request.

1440GE 
**Orig. Buco - Art. 61**

Made of 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. 1440GAB		0	1	2	3
1440GE	Each	123,00	144,00	240,00	364,00

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	252,00
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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	303,00
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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	440,00
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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	682,00
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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	270,00
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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	328,00
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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	479,00
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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	706,00
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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.

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	696,00
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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	696,00
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1441GP
1441GS



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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	Nr	3	4	5
Max opening	mm	200	200	200
Useful length	mm	140	140	140
Weight	Kg	4	4,5	5
1443	Each	85,30	92,50	102,00



1443

BALL JOINT PULLERS

Orig. Buco - Art. 181

Made of special steel. Suitable for working in narrow spaces.

Size		1	3	4
Fork opening	mm	23	28	34
Useful internal height	mm	55	55	63
1443GP	Each	93,90	112,00	113,00



1443GP

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	53,10	71,60	91,70	121,00



1444A

Orig. Buco - Art. 180

Made of 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	51,40	69,60	88,70	117,00	182,00



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	105,00	216,00

1444GC



Orig. Buco - Art. 183

Product description as Art. 1444GB

Fork opening	mm	22
Vertical regulation range by	mm	20 to 50
Weight	Kg	0,7

1444GC	Each	96,20
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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	167,00	212,00

1444GE



Orig. Buco - Art. 185

Made of 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	149,00	203,00	273,00	490,00

FORK EXTRACTORS

1444GER GEDORE



Orig. Gedore

Forged and hardened steel. Suitable for extracting ball joints from steering gears.

Percussion use. Zinc-chrome plated finish.

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	67,10	71,70	74,80	80,90	101,00

1444GF



Orig. Buco - Art. 190

Made of alloyed forged and hardened steel. Suitable for extracting ball joints of steering gears.

Percussion use.

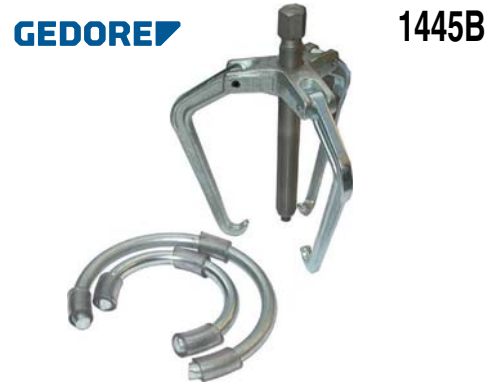
Fork opening	mm	18	23	29	40	45
Weight	Kg	0,7	0,75	0,8	0,9	1
1444GF	Each	68,10	73,40	77,20	85,20	99,80

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 174,00



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



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 202,00



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

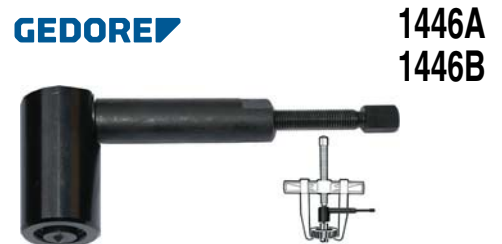


HYDRAULIC PRESSES FOR EXTRACTORS

Orig. Gedore

Reduced dimensions, high efficiency. Placed between the pressure screw end and the piece to extract, strong uniform extracting power, no damage to the extracted pieces.

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	200,00	234,00



Prices in EURO - VAT not included

5

1446G 1
1446G 2

BUCO



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	220,00	258,00

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	2.480,00 | 2.710,00

1446GAF **GEDORE**



15

OTHER SIZES TO USE WITH 1446GAL

Extensions for hydraulic extractor pistons in accordance with Art. 1446 GA 140-200. The 15 mm length also serves as protection for the piston. For lengths of between 45 and 205 mm, an adapter will also be required in accordance with. 1446 GAL.

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	127,00	119,00	137,00	153,00

1446GAL **GEDORE**



Orig. Gedore - Art. 1.51/A-2

Adapter for installing extension pieces in accordance with Art. 1446 GAF 45 -125 - 205 on hydraulic extractor pistons in accordance with Art. 1446 GA 140 - 200.

	1446GAL	Each	73,60
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1446GB **GEDORE**



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	513,00

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	513,00	547,00



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	379,00	443,00



1446GE



5

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.

No. of arms		2
Arms opening	mm	0-200
Useful length	mm	200
Weight	Kg	0,8
1447GA	Each	115,00



1447GA



Orig. Buco - Art. 905

Product description as Art. 1447GA

No. of arms		3
Arms opening	mm	0-200
Useful length	mm	200
Weight	Kg	1,1
1447GB	Each	155,00



1447GB



COIL SPRING COMPRESSORS

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	209,00	219,00



1450A



For SPRING LOCKING tools ask for Orig. KLANN - GEDORE AUTOMOTIVE catalogue.

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 129,00	135,00	148,00

For SPRING LOCKING tools ask for Orig. KLANN - GEDORE AUTOMOTIVE catalogue.

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 469,00
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COIL SPRING COMPRESSORS

1455GA GEDORE



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 23,70	25,20	38,80	41,40	65,70
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 79,30	61,20	63,60	103,00	108,00

1455GB GEDORE



THREADED HAND SPINDLES FOR PULLERS

Allow to increase the extraction force while easing user operation.

Hydraulic piston stroke 12mm.

Screw thread	inch (G)	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	406,00	452,00	553,00



Sicutool items: availability and technical details

CHECK WAREHOUSE AVAILABILITY

- www.sicutool.it/catalogo-web
For consultation by PC
- m.sicutool.it
For consultation by smartphone and tablet

The web catalogue and the mobile site of Sicutool allow you to check availability onsite, updated in real time, and the weight of the products.

CHECK FOR CANCELLED ITEMS

- www.sicutool.it/articoli-eliminati

Keep the list updated of the items no longer in stock.

CONSULT ADDITIONAL TECHNICAL INFORMATION

- www.sicutool.it/catalogo-web

The product data sheets of the web catalogue propose additional technical information (instructions, FAQ, analyses, etc.), videos, news, instructions on spare parts and accessories, as well as useful tools to share links with your colleagues.



NEWS CHAPTER 6



1540

Rigid Extension For Drill
▶ P. 436



1563P

3-Jaws Self-Centring Chucks
New Series
▶ Pag. 452



1567P

4-Jaws Self-Centring Chucks
New Series
▶ Pag. 453



1569P

3-Jaws Self-Centring Chucks With
Double Guide, New Series
▶ Pag. 454

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- www.sicutool.it/catalogo-web
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CONSULT THE PROGRESS OF ORDERS AND DELIVERIES

SAVE THE SICUTOOL PRICELISTS

- www.sicutool.it/mySicu
- www.sicutool.it/listini



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



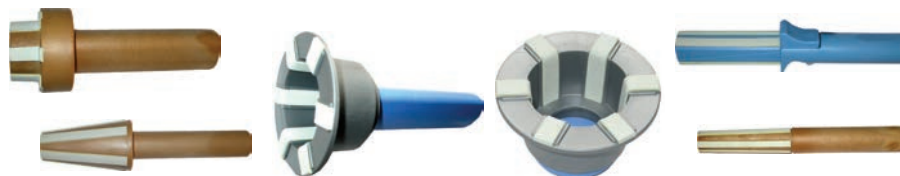
From **1563P**
To **1587**

Knurling tools
Knurl holders
Lathe dogs



From **1592GA**
To **1595**

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 machines	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	Per series	on request			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	C	C	C	C	C
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	Per series	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	650,00
Size		C	C	C	C	C	C	C	D	D	D	D	D	D	D	D
Threads Ø and pitch	mm	14x1	14x1.5	14x2	16x1	16x1.5	16x2	18x1.5	18x2.5	10x1	12x1	12x1.5	12x1.75	14x1	14x1.5	14x2
1461G	Per series	650,00	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
Size		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Threads Ø and pitch	mm	16x1	16x1.5	16x2	18x1.5	18x2.5	20x1	20x1.5	20x2.5	22x1.5	22x2.5	24x1.5	24x2	24x3		
1461G	Per 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		

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		1	2
Drive	C.M.	1	2
Dye fitting Ø	mm	38	50
Reduction bushes Ø	mm	20-25-30	30-38-45
For metric tapping by	M.	3 to 10	10 to 20
For thread by	M.	3 to 10	10 to 20
Chuck length without drive	mm	75	100
1465A	Each	334,00	434,00

Product running out of stock

1465B

SCU



Tapping device for Art. 1465 A.

Size		1	2
For metric tapping by	M.	3 to 10	10 to 20
1465B	Each	189,00	267,00

Product running out of stock

1465C

SCU



Threading device for Art. 1465 A.

Size		2
For thread by	M.	10 to 20
1465C	Each	339,00

Product running out of stock

TAPPING DEVICES

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	313,00	377,00	930,00

SCU

1465F

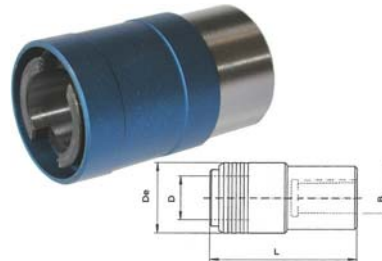


Rapid change cartridge model with a male holder for replacing the male section without having to amend the axels. For right and left hand use. Suitable for drills and machines which can operate in reverse mode. Can be used in combination with rapid-change cartridges in accordance with Art. 1465 P-V.

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	178,00	195,00

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	42,30	42,30	42,30	42,30	42,30	42,30	42,30	42,30

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	54,10	54,10	54,10	54,10	54,10	54,10	54,10

Male drive Ø	mm	16	18
1465R	Each	54,10	54,10

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	175,00	175,00	175,00	175,00	175,00	175,00	175,00	175,00

SCU

1465P
1465R
1465S



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	112,00	112,00	112,00	112,00	112,00	112,00	112,00	112,00

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		459,00	621,00	827,00

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	133,00	209,00	231,00	320,00	385,00

Reducers for Art. 1466 GE Ø 20mm to Ø 16.

O1466GT 1	Each	26,90
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Reducers for Art. 1466 GL Ø 38mm to Ø 20x7.

O1466GT 2	Each	66,10
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Reducers for Art. 1466 GL Ø 38mm to Ø 25.

O1466GT 3	Each	54,10
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Reducers for Art. 1466 GL Ø 38mm to Ø 30.

O1466GT 4	Each	54,10
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Thickness for Art. 1466 GE for tapping heads 20x5mm.

O1466GT 5	Each	8,02
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Product running out of stock

Thickness for Art. 1466 GL for tapping heads 38x10mm.

O1466GT 6	Each	18,80
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Product running out of stock

Thickness for Art. 1466 GP for tapping heads 45x14mm.

O1466GT 7	Each	22,20
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Product running out of stock

Thickness for Art. 1466 GR for tapping heads 55x16mm.

O1466GT 8	Each	25,20
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Product running out of stock

Thickness for Art. 1466 GS for tapping heads 65x18mm.

O1466GT 9	Each	34,00
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Product running out of stock

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	135,00
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External cylindrical shank 12mm with Morse taper 2 for Art. 1466 GA - 1466 GE.

1467GB	Each	138,00
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External cylindrical shank 20mm with Morse taper 2 for Art. 1466 GB - 1466 GL - 1466 GP.

1467GE	Each	175,00
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External cylindrical shank 20mm with Morse taper 3 for Art. 1466 GB - 1466 GL - 1466 GP.

1467GF	Each	206,00
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External cylindrical shank 25mm with Morse taper 3 for Art. 1466 GC - 1466 GR - 1466 GS.

1467GL	Each	286,00
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External cylindrical shank 25mm with Morse taper 4 for Art. 1466 GC - 1466 GR - 1466 GS.

1467GP	Each	325,00
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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	921,00	1.170,00	1.550,00

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	274,00	303,00	355,00

6

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	281,00	318,00	384,00

SCU



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.

H2432

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 machines	M.	3-10	8-16	8-16	12-24
Drive	C.M.	2	2	3	3
1472	Each	871,00	959,00	959,00	1.220,00

Spare parts available on request .

SCU



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	884,00	964,00	964,00	1.220,00

Spare parts available on request .

SCU



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 machines	M.	3-10	8-16	12-22
Drive	C.M.	2	3	4
1473	Each	499,00	573,00	751,00

Spare parts available on request .

SCU



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). Suitable 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 machines	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	458,00	567,00	818,00

SCU



1475

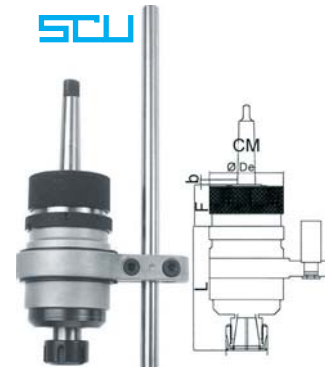
High rotation precision, suitable for pillar drills.

With adjustable clutch. Automatic turn.

To be used with ER-DIN 6499/ISO 15488 collets.

Size		10	10A	16	16A	22	22A
For metric threading machines	M.	3-10	3-10	8-16	8-16	10-22	10-22
Drive		CM 2	cil. 25	CM 3	cil. 25	CM 3	cil. 32
Height L	mm	120	120	125	125	153	153
Height De	mm	67	67	75	75	90	90
Height F	mm	35	35	42	42	43	43
Elastic pliers for Art.		1561 GF	1561 GF	1561 GL	1561 GL	1561 GN	1561 GN
1477	Each	1.580,00	1.580,00	1.740,00	1.740,00	1.950,00	1.950,00

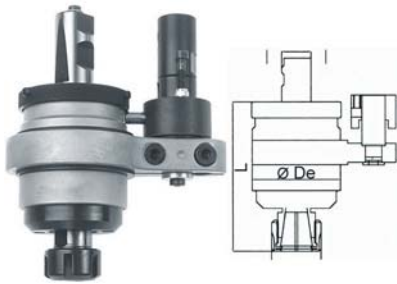
SCU



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	22
For metric threading machines	M.	3-10	8-16	10-22
Height L	mm	120	125	153
Height De	mm	66	75	90
Elastic pliers for Art.		1561 GF	1561 GL	1561 GN
Cylindrical drive Ø	mm	25	25	32
1478	Each	1.360,00	1.450,00	2.080,00

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	18,60
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Product description as Art. 1490G

For Black & Decker, male shank 3/8x24.

For drill bits 1.5-13mm.

1491G	Each	24,20
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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	Right+Left	Right+Left	Right	Right	Right
1495G	Each	18,60	18,60	18,60	18,60	18,60	24,20	24,20

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		Right+Left	Right+Left	Right
1495G	Each	24,20	24,20	24,20

Art. 1495G 10P-10R-13E-13L are suitable for reverse rotation drills (Des.+ Sin.)

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	Right+Left	Right+Left	Right	Right
1500G	Each	28,80	32,10	32,10	32,10	32,10	32,10	32,10	41,20	41,20

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	Right+Left	Right	Right+Left	Right	Right	Right	Right	Right+Left
1500G	Each	41,20	41,20	41,20	41,20	55,20	55,20	55,20	55,20	55,20

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	B16	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	33,20	36,50	39,70	53,60	53,60	61,60	69,10	95,30	184,00

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 **2,22**

Wrenches for Art. 1500 G 8 - 1503 G 6. pin Ø 4mm.
1508G Each **2,66**

Wrenches for Art. 1500 G 16-16/1-16A-16B-16C - 1503 G 13-13A-15-16-20. pin Ø 8mm.
1511G Each **3,26**

Wrenches for Art. 1503 G 26. pin Ø 9.5mm.
1512G Each **8,52**

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	13A
For tips Ø	mm	0.5-10	0.5-10	1.5-13	1.5-13
Drive		3/8-24	1/2-20	3/8-24	1/2-20
Drive type		Thread.	Thread.	Thread.	Thread.
1512GE	Each	32,30	32,30	41,30	41,30

SCU



1512GE

PROFESSIONAL PERFORMANCE for electric and battery powered drills with D+S 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	45,10	45,10	53,60	47,20	47,20	51,10	62,60

SCU



1512GP

PROFESSIONAL PERFORMANCE for electric and battery powered drills with D+S rotation and percussion features.

Rapid closing keyless entry with radial locking function by rotating the chuck body.
 Body and working components made from 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	63,10	63,10	63,10	80,10

SCU



1513GA

PROFESSIONAL PERFORMANCE for electric and battery powered drills with D+S rotation and percussion features.

Rapid closing keyless entry with radial locking function by rotating the chuck body.
 Body and working components made from 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	80,70	80,70

SCU



1513GF

SELF-TIGHTENING CHUCKS

Prod. SCU

PROFESSIONAL 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	62,80	72,20	62,80	62,80	90,10	68,80	95,20

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	64,90	86,30	86,30	86,30	86,30

1516G



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	106,00	96,80	92,60	112,00	112,00	144,00	159,00	140,00

1517



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	81,30	81,30	82,60	82,60

1518G



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	108,00	108,00	133,00	133,00	133,00

1520G



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	3/8-24	1/2-20
Drive type		DIN	DIN	DIN	DIN	DIN	Thread.	Thread.
1520G	Each	120,00	90,80	89,00	104,00	104,00	112,00	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	125,00	144,00	145,00	148,00	148,00

1523G



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	295,00	301,00	329,00	329,00	352,00	405,00	405,00

Size 8 is running out of stock

1525G



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	135,00	129,00	139,00	159,00	183,00	183,00

RIGID EXTENSION FOR DRILL

1540

new



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.

1540	Each	36,10
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90° ANGULAR ADAPTORS FOR DRILLS

Prod. SCU

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.

1544 Each **79,10**

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).

SCU



1544

ANGULAR THREE-JAWS CHUCKS

Prod. SCU

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.

1545 Each **93,50**

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).

SCU



1545

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.

1545A Each **109,00**

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).

SCU



1545A

CHUCK ADAPTORS

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 **2,44**

Product description as Art. 1546GA
 Suitable for transforming chucks with 3/8x24 female thread shank into 3/8x24 male thread.

1546GB Each **2,10**

Product description as Art. 1546GA
 Suitable for transforming chucks with 1/2x20 female thread shank into 3/8x24 male thread.

1546GE Each **3,86**

Product description as Art. 1546GA
 Suitable for transforming chucks with 3/8x24 female thread shank into 1/4 E6,3 hexagonal shank.

1546GF Each **3,64**

For adaptors with SDS-plus shank see Art. 1340GR_22.

SCU



1546GA
1546GB
1546GE
1546GF

CHUCK SHANKS

Prod. SCU

In steel, fully hardened and ground.
 For chucks with DIN 238/1 shank hole.

Size		A	B	C	D	DA	DD	E
Drive	C.M.	1	1	1	1	2	2	2
Type DIN 238/1		B10	B12	B16	B18	B10	B12	B16
Max drive	mm	10,094	12,065	15,773	17,780	10,094	12,065	15,773
1551	Each	5,04	5,34	5,34	5,96	6,04	7,90	5,86

Size		F	G	GA	GG	GH	H	L
Drive	C.M.	2	2	3	3	3	3	3
Type DIN 238/1		B18	B22	B12	B16	B18	B22	B24
Max drive	mm	17,780	21,793	12,065	15,773	17,780	21,793	23,825
1551	Each	6,16	7,24	8,72	7,90	7,90	8,34	15,50

Size		M	P	R	S
Drive	C.M.	4	4	4	4
Type DIN 238/1		B16	B18	B22	B24
Max drive	mm	15,773	17,780	21,793	23,825
1551	Each	12,10	12,10	15,50	15,50

SCU



1551

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	2
Max drive	mm	9,754	14,199	17,170	9,754	14,199	17,170
Type Jacobs UNI 5887-66		J1	J2	J6	J1	J2	J6
1552	Each	5,32	5,32	5,32	6,16	6,16	6,16

REDUCING SLEEVES

1555

SCU



Prod. SCU
Made of 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	7,90	7,90	9,68	16,20	22,60	53,80	9,68
Size		G	H	I	L	M		
Internal Morse cone		2	2	3	1	4		
External Morse cone		4	5	5	4	6		
1555	Each	16,20	22,60	22,60	16,20	53,80		

REDUCING AND INCREASING SLEEVES

1555P

SCU



Prod. SCU
Long pattern.
Made of 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	194
1555P	Each	16,60	19,60	17,70	21,70	24,50	19,20	23,10
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	300	390
1555P	Each	25,60	43,30	26,80	31,40	47,10	79,30	164,00

MORSE TAPER SOCKET EJECTORS

1555T

SCU



Prod. SCU
In printed steel. Burnished.

For Morse cones		1-2	3	4	5-6
Overall length	mm	140	190	225	265
1555T	Each	4,50	7,34	10,80	19,80

1555Z

SCU



In hardened steel, plastic-coated handle.
Semi-automatic for one hand use, for avoiding damaging the shunk.

For Morse cones		1-3	4-6
Overall length	mm	380	380
1555Z	Each	64,70	82,70

QUICK CHANGE CHUCKS

1556G

SCU



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	334,00	442,00	659,00	1.050,00

COLLETS

Prod. SCU - Orig. Fahrion

Fixed normal type.
Suitable for chucks Art. 1556 G.
In ground, hardened steel. Precision manufacture.
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.

SCU

1557GA



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 conical tips and countersinks up to	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	202,00	202,00	248,00	248,00	248,00	292,00	292,00	292,00	447,00	451,00	456,00

TAP HOLDER SOCKETS

Prod. SCU - Orig. Fahrion

Clutch type.
Suitable for chuck Art. 1556 G.
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.

SCU

1557GC



Type		1	1A	2	2A	2B	3	3A	3B	4	4A
For chuck Art. 1556G Type		1	1	2	2	2	3	3	3	4	4
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	12-22	9-16	12-22
Bushes drive Art.1557 GP-R-S-T	C.M.	1	2	1	2	3	2	3	4	3	4
Overall length	mm	88	99	88	102	118	118	124	149	135	150
1557GC	Each	652,00	652,00	670,00	670,00	681,00	851,00	851,00	869,00	1.260,00	1.280,00

ELASTIC SOCKETS

Prod. SCU - Orig. Fahrion

With dragging mechanism holder. Suitable for sockets Art. 1557 GA.
FOR DRILL BITS AND COUNTERSINKS WITH DIN 6329 CYLINDRICAL SHANK
Morse taper 1. Total length 65.5mm.

SCU

1557GF
1557GH
1557GL
1557GM

Ø	mm	3	3,2	3,5	4	4,2	4,5	5
1557GF	Each	44,10	59,10	44,10	44,10	59,10	44,10	44,10
Ø	mm	5,2	5,5	6	6,2	6,5	7	7,5
1557GF	Each	59,10	44,10	44,10	59,10	44,10	44,10	44,10
Ø	mm	8						
1557GF	Each	44,10						

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	49,60	64,40	49,60	49,60	64,40	49,60	49,60
Ø	mm	7,5	8	8,5	9	9,5	10	10,5
1557GH	Each	49,60	49,60	49,60	49,60	49,60	49,60	49,60
Ø	mm	11	11,5	12	12,5	13		
1557GH	Each	49,60	49,60	49,60	49,60	49,60		

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	66,90	81,80	66,90	81,80	66,90	81,80	66,90
Ø	mm	14	15	16	17	18		
1557GL	Each	66,90	66,90	66,90	66,90	66,90		

Product description as Art. 1557GF

Morse taper 4. Total length 124mm.

Ø	mm	14	15	16	17	18	19	20
1557GM	Each	99,10	99,10	99,10	99,10	99,10	99,10	99,10



6

1557GP
1557GR
1557GS
1557GT



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	78,10	59,10	44,10	44,10	44,10	44,10	44,10
Cyl. shaft Ø	mm	6	7	8				
Square side	mm	4,9	5,5	6,2				
1557GP	Each	44,10	44,10	44,10				

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	49,60	49,60	49,60	49,60	49,60	49,60	49,60
Cyl. shaft Ø	mm	10	11	12				
Square side	mm	8	9	9				
1557GR	Each	49,60	49,60	49,60				

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	66,90	66,90	66,90	66,90	66,90	66,90

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	99,10	99,10	99,10	99,10	99,10	99,10

FLOATING CHUCKS

1559GA



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.

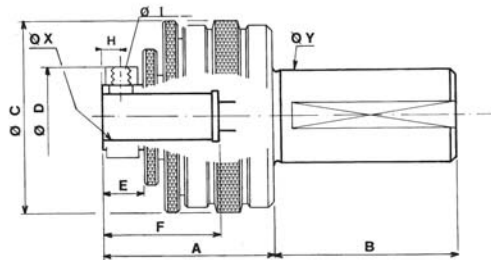
Radial correction from 0mm to 1.5mm (2mm for Art. 1559 GA 6).

Angular correction from 0° to 1°.

Type		5	6	8
1559GA	Each	942,00	1.230,00	1.140,00

Product running out of stock

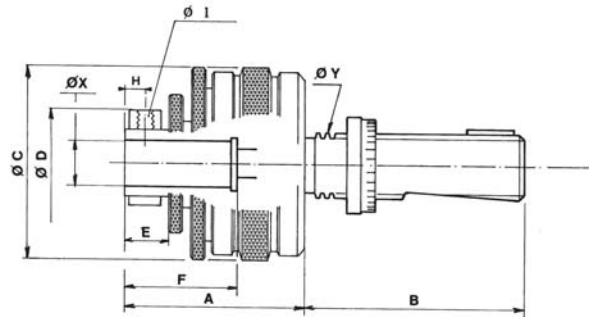
Tipo		5	6
Art. fornitore		22025M	32525M
Att. cilindr. est. ø mm Y		25	25
Att. cilindr. int. ø mm X		20	25
Misura A	mm	74	82,5
Misura B	mm	65	110
Misura C	mm	82	91
Misura D	mm	44	52
Misura E	mm	16	22
Misura F	mm	50	60
Misura H	mm	8	11
Misura I	M	8	8
Peso	gr	1900	2500



With trapezoidal machine shank (DIN 6327) - cylindrical tool shank.

With regulation collar of the trapezoidal screw.

Tipo		8
Art. fornitore		22020Tr
Att. trapezoidale ø mm Y		20
Att. cilindr. 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°.

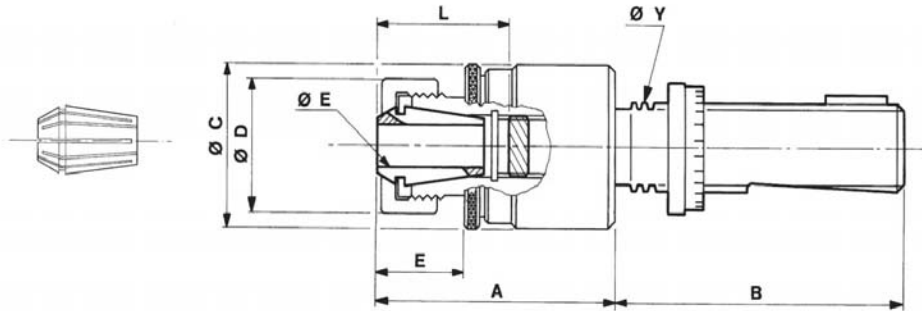
Type	4	
1559GB	Each	1.390,00

Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.
Product running out of stock

With trapezoidal machine shank (DIN 6327) - cylindrical tool shank.

With regulation collar of the trapezoidal screw.

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



SCU

1559GB



DIN 2080 ER PINCERS 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.

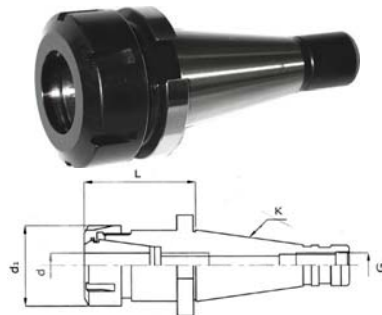
DIN 2080 shank, internally threaded end.

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	296,00	147,00	107,00	107,00	206,00			

Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.

SCU

1560GA



DIN 2080 MILLING CUTTER HOLDER CHUCKS WELDON MODEL

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	124,00	112,00	134,00	134,00	134,00	134,00

Sizes mm 10, 12, 16 and 20 are running out of stock

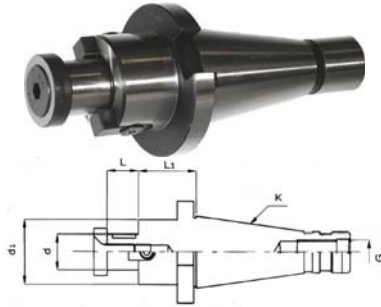
SCU

1560GAB



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.

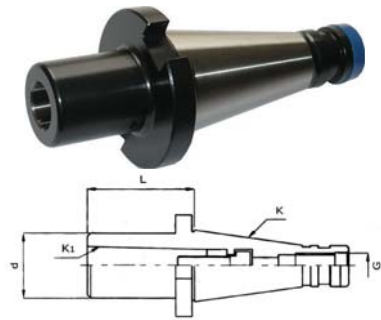
DIN 2080 shank, internally threaded end.

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	107,00	107,00	107,00	107,00

For cross-shaped clamping wrenches see Art. 911 GP.

DIN 2080 MORSE CONE REDUCTION CHUCKS FOR MILLING CUTTERS

1560GAE SCU



Prod. SCU

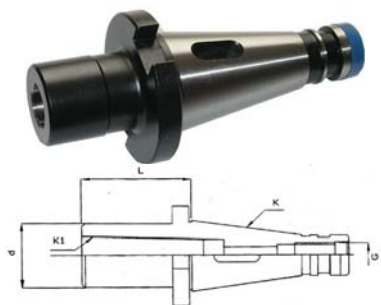
For milling cutters with Morse taper shank, internally threaded. High-precision, max centring of milling cutters with the highest torque.

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	153,00	153,00	153,00	163,00

DIN 2080 MORSE CONE REDUCTION CHUCKS FOR DRILLS

1560GAF SCU



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	151,00	151,00	151,00	156,00

DIN 2080 MONOLITHIC DRILL CHUCKS

1560GAL SCU



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	418,00	438,00

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DIN 2080 CONNECTION FOR CHUCKS DRILLS HOLDER

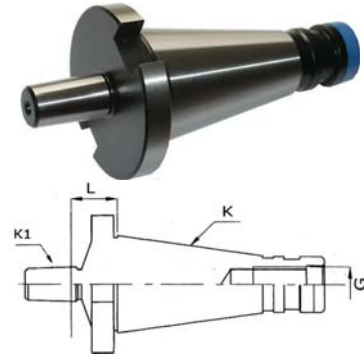
Prod. SCU

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	114,00	114,00	180,00	180,00

SCU

1560GAM



DIN 69871/A ER PINCERS HOLDER CHUCKS WITH LOCKING COLLAR

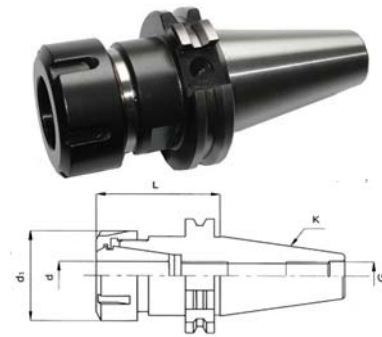
Prod. SCU

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	146,00	98,10	107,00	117,00	206,00

SCU

1560GB



Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.

DIN 69871/A MILLING CUTTER HOLDER CHUCKS WELDON MODEL

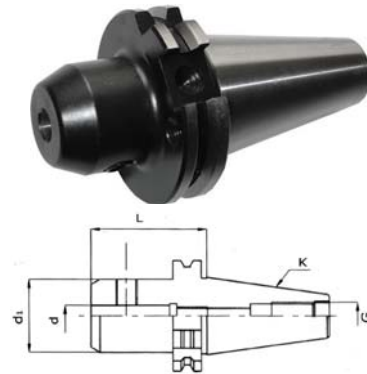
Prod. SCU

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
Shape/ thread K/G		ISO 40 M16	ISO 40 M16	ISO 40 M16	ISO 40 M16
Height L	mm	50	50	50	50
Height d1	mm	25	28	35	42
1560GBC	Each	134,00	134,00	134,00	134,00
d mills drive Ø	mm	16	20		
Shape/ thread K/G		ISO 40 M16	ISO 40 M16		
Height L	mm	63	63		
Height d1	mm	48	50		
1560GBC	Each	134,00	134,00		

SCU

1560GBC



Sizes mm 10,12, 16 and 20 are running out of stock

DIN 69871/A MILLING CUTTER HOLDER CHUCKS WITH FIXED DRAGGING

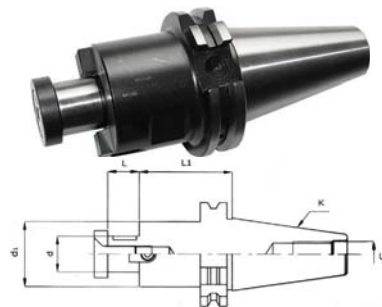
Prod. SCU

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	48	48	60
1560GBE	Each	107,00	107,00	107,00	107,00

SCU

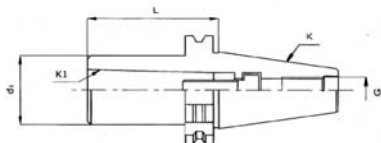
1560GBE



For cross-shaped clamping wrenches see Art. 911 GP.

DIN 69871/A MORSE CONE REDUCTION CHUCKS FOR MILLING CUTTERS

1560GBF SCU



Prod. SCU

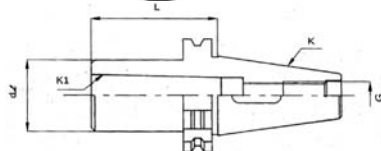
For milling cutters with Morse taper shank, internally threaded. High-precision, max centring of milling cutters with the highest torque.

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	139,00	139,00	144,00	151,00

DIN 69871/A MORSE CONE REDUCTION CHUCKS FOR DRILLS

1560GBL SCU



Prod. SCU

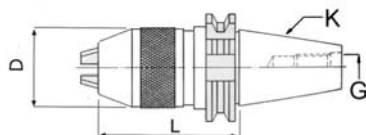
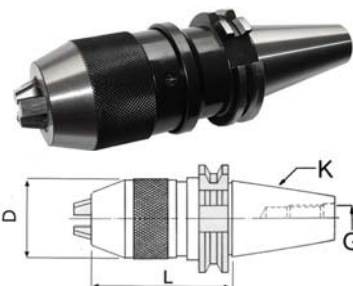
For drill bits with Morse taper shank. High-precision, max centring of drill bits with the highest torque.

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	136,00	136,00	139,00	148,00

DIN 69871/A MONOLITHIC DRILL CHUCKS

1560GBM SCU



Prod. SCU

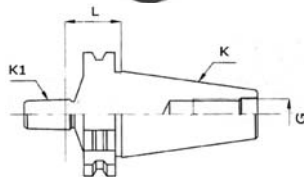
For drill bits with cylindrical shank. High-precision, max centring of drill bits with the highest torque.

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	416,00	440,00

DIN 69871/A DRILL HOLDER CHUCKS

1560GBP SCU



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	134,00	134,00	203,00	203,00

MAS-BT ER PINCERS HOLDER CHUCKS WITH LOCKING COLLARS

Prod. SCU

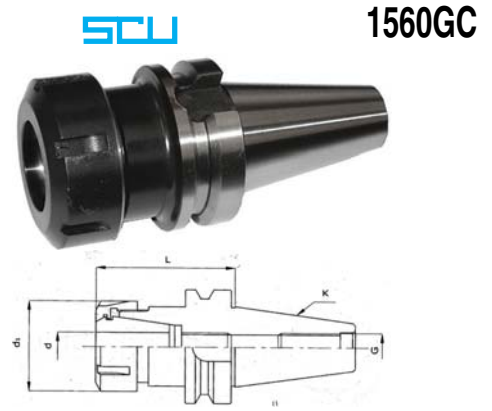
For ER-DIN 6499/ISO 15488 wide opening collets. High-precision, max centring of tools such as milling cutters, drill bits, countersinks, reamers, boring bars, with the highest torque.

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	mm 2-20	mm 3-25
Height L	mm 70	mm 70	mm 80
Height d1	mm 32	mm 50	mm 63
For pliers Art.	1560 GS- 1561 GC	1560 GZ- 1561 GN	1561 GR

1560GC	Each	136,00	103,00	127,00
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Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.



C.M. ER PINCERS HOLDER CHUCKS WITH LOCKING COLLARS

Prod. SCU

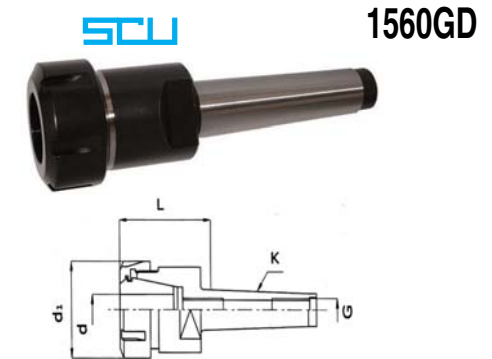
Product description as Art. 1560GC

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	mm 2-16	mm 2-13	mm 2-16	mm 2-20
Height L	mm 50	mm 54	mm 50	mm 53	mm 70
Height d1	mm 35	mm 42	mm 28	mm 42	mm 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	163,00	175,00	195,00	191,00	191,00
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Hook spanners for DIN 6499 locking collars see Art. 840 GE-L.



CUTTERS HOLDER MORSE TAPER CHUCK, FIXED DRAGGING

Prod. SCU

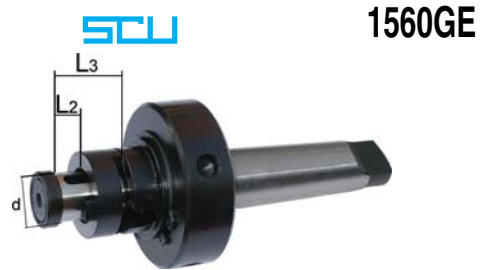
For milling cutters with through-hole connection. High-precision for cutter centring with very high torque.

Morse taper shank 4, with tang.

d mills bore Ø	mm 16	mm 22	mm 27
Height L 2	mm 17	mm 19	mm 21
Height L 3	mm 27	mm 31	mm 33

1560GE	Each	201,00	201,00	212,00
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Product running out of stock



TULLSTUDS FOR CHUCKS WITH SHANK DIN 69871/A

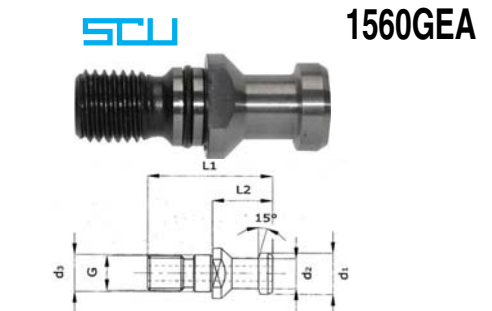
Prod. SCU

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	20,30	20,30	20,30
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TULLSTUDS FOR CHUCKS WITH SHANK MAS-BT

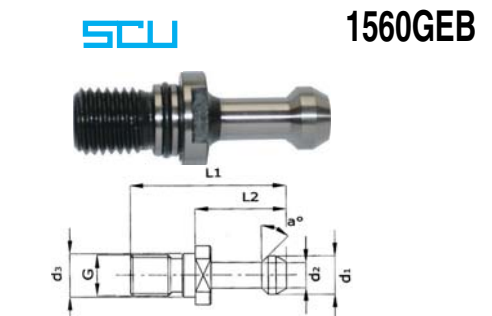
Prod. SCU

Product description as Art. 1560GEA

For chucks Art. 1560 GC.

Type	16	16A
Thread G	M. 16	M. 16
Angle a°	degrees 45	degrees 30
Height d1	mm 15	mm 15
Height d2	mm 10	mm 10
Height d3	mm 17	mm 17
Height L1	mm 60	mm 60
Height L2	mm 35	mm 35
For cones Gr.	BT 40	BT 40

1560GEB	Each	18,60	18,60
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LOCKING COLLARS FOR ER PINCERS HOLDER CHUCKS

1560GEC SCU



Prod. SCU

In hardened steel. High-precision, max centring, high tightness and easy replacement of tapping collets.

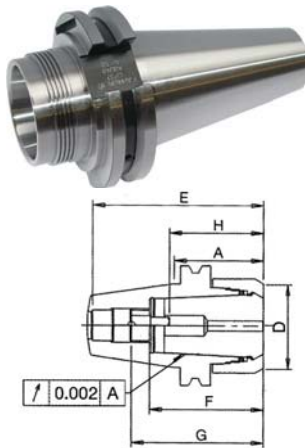
For chucks Art. 1560 GA-B-C-D.

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	25,40	25,40	25,40	25,40	33,80

HIGH QUALITY PINCERS HOLDER CHUCKS, HIGH SPEED

1560GH SCU



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	32
Tightening capacity Ø	mm	2-16	2-20
Height D	mm	40	50
Height a	mm	45	50
Height E	mm	85	92
Height F	mm	-	55
For pliers Art.		1561 GL	1561 GN
1560GH	Each	189,00	189,00

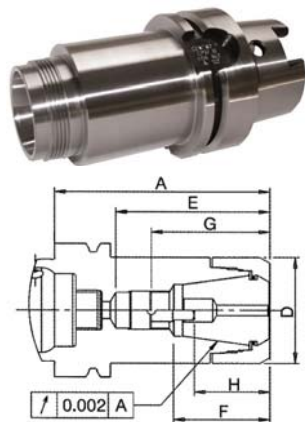
Chucks are supplied without locking collars and without seal rings.

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.

1560GL SCU



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		25	32
Tightening capacity Ø	mm	2-16	2-20
Height D	mm	40	50
Height a	mm	100	100
Height E	mm	60	71
Height F	mm	-	45
For pliers Art.		1561 GL	1561 GN
1560GL	Each	211,00	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.

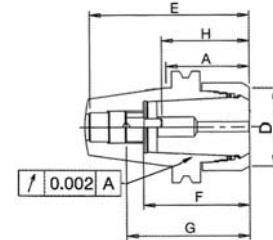
Product description as Art. 1560GH
 MAS/BT ER PINCERS HOLDER CHUCKS
 MAS/BT BT 40 shank, M16 internally threaded end.
 Balancing level G 6.3 15000 rpm

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.

SCU

1560GM



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

SCU

1560GPA



6

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

SCU

1560GPB



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	2	2.5	3	3.5	4	5	6
1560GPC	Each	28,80	28,80	23,50	23,50	23,50	23,50	23,50
Tightening Ø	mm	7	8	9	10	11	12	13
1560GPC	Each	23,50	23,50	23,50	23,50	23,50	23,50	23,50
Tightening Ø	mm	14	15	16				
1560GPC	Each	23,50	23,50	23,50				

SEALING RINGS FOR CHUCKS

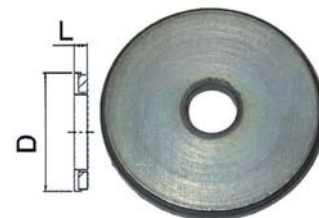
Size 32.

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	2	3	4	5	6	7	8
1560GPE	Each	29,90	24,60	24,60	24,60	24,60	24,60	24,60
Tightening Ø	mm	9	10	11	12	13	14	15
1560GPE	Each	24,60	24,60	24,60	24,60	24,60	24,60	24,60
Tightening Ø	mm	16	17	18	19	20		
1560GPE	Each	24,60	24,60	24,60	24,60	24,60		

SCU

1560GPC
1560GPE



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

Locking ring nuts Ø	mm	40	50
Overall length	mm	400	480
ER clamps	Gr.	25	32
1560GRA	Each	129,00	129,00

1560GRE SCU 14x18



Product description as Art. 1560GRA

TIGHTENING WRENCHES FOR CHUCK LOCKING COLLARS

Suitable for female drive torque wrenches 14x18mm (Art. 803 G 200 - 805 GH 200/300/400 - 805 GR) for controlled tightening.

Locking ring nuts Ø	mm	40	50
Male drive	mm	14x18	14x18
ER clamps	Gr.	25	32
1560GRE	Each	129,00	129,00

DIN 6499-B/ISO 15488 ER/ESX COLLETS FOR CHUCKS, WIDE OPENING

1560GS SCU 16



Prod. SCU

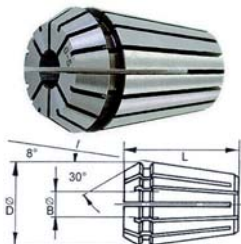
Made of steel, manufactured to a rotation precision of up to 10 µm. Particularly suitable for work that does not require high precision and long-lasting tools, but cost saving. With elastic clamping capacity of 1mm.

Size 16.

Dimensions (mm): D = 17 L = 27,5.

Tightening Ø	mm	3	4	5	6	7	8	9
1560GS	Each	21,90	21,90	21,90	21,90	21,90	21,90	21,90
Tightening Ø	mm	10						
1560GS	Each	21,90						

1560GT SCU 20



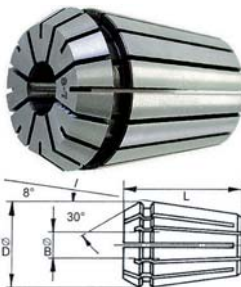
Product description as Art. 1560GS

Size 20.

Dimensions (mm): D = 21 L = 31,5.

Tightening Ø	mm	3	4	5	6	7	8	9
1560GT	Each	22,60	22,60	22,60	22,60	22,60	22,60	22,60
Tightening Ø	mm	10	11	12	13			
1560GT	Each	22,60	22,60	22,60	22,60			

1560GV SCU 25



Product description as Art. 1560GS

Size 25.

Dimensions (mm): D = 26 L = 34.

Tightening Ø	mm	3	4	5	6	7	8	9
1560GV	Each	22,60	22,60	22,60	22,60	22,60	22,60	22,60
Tightening Ø	mm	10	11	12	13	14	15	16
1560GV	Each	22,60	22,60	22,60	22,60	22,60	22,60	22,60

1560GZ SCU 32



Product description as Art. 1560GS

Size 32.

Dimensions (mm): D = 33 L = 40.

Tightening Ø	mm	3	4	5	6	7	8	9
1560GZ	Each	22,60	22,60	22,60	22,60	22,60	22,60	22,60
Tightening Ø	mm	10	11	12	13	14	15	16
1560GZ	Each	22,60	22,60	22,60	22,60	22,60	22,60	22,60
Tightening Ø	mm	17	18	19	20			
1560GZ	Each	22,60	22,60	22,60	22,60			

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	Nr 10	12	15	18
1560GZE	Each 214,00	277,00	327,00	402,00

SCU

1560GZE



DIN 6499-B/ISO 15488 ER/ESX COLLETS FOR CHUCKS, WIDE OPENING

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 chucks.

Size 8.

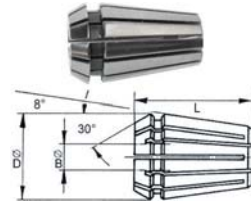
Clamping elastic capacity 0.5mm. Dimensions (mm) D = 8,5 L = 13,6.

Tightening Ø	mm	1	1,5	2	2,5	3	3,5	4	
1561GA	Each	50,10	50,10	50,10	50,10	41,60	41,60	41,60	
Tightening Ø	mm	4,5	5						
1561GA	Each	41,60	41,60						

SCU

8

1561GA



Product description as Art. 1561GA

Size 11.

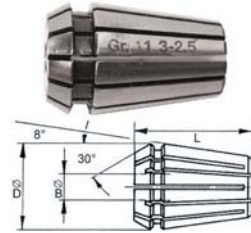
Clamping elastic capacity 0.5mm. Dimensions (mm) D = 11,5 L = 18.

Tightening Ø	mm	1	1,5	2	2,5	3	3,5	4
1561GB	Each	46,60	46,60	46,60	46,60	37,70	37,70	37,70
Tightening Ø	mm	4,5	5	5,5	6	6,5	7	
1561GB	Each	37,70	37,70	37,70	37,70	37,70	37,70	37,70

SCU

11

1561GB



Product description as Art. 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	45,10	45,10	45,10	45,10	35,50	60,90	35,50
Tightening Ø	mm	4,5	5	5,5	6	6,5	7	7,5
1561GC	Each	60,90	35,50	60,90	35,50	60,90	35,50	60,90
Tightening Ø	mm	8	8,5	9	9,5	10		
1561GC	Each	35,50	60,90	35,50	60,90	35,50		

SCU

16

1561GC



Product description as Art. 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	46,30	46,30	36,70	61,80	36,70	36,70	36,70
Tightening Ø	mm	7	8	9	10	11	12	13
1561GF	Each	36,70	36,70	36,70	36,70	36,70	36,70	36,70

SCU

20

1561GF



Product description as Art. 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	48,90	48,90	37,70	62,80	37,70	37,70	37,70
Tightening Ø	mm	7	8	9	10	11	12	13
1561GL	Each	37,70	37,70	38,30	37,70	37,70	37,70	37,70
Tightening Ø	mm	14	15	16				
1561GL	Each	37,70	37,70	37,70				

SCU

25

1561GL



1561GN SCU **32**



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	51,60	40,30	40,30	40,30	40,30	40,30	40,30
Tightening Ø	mm	9	10	11	12	13	14	15
1561GN	Each	40,30	40,30	40,30	40,30	40,30	40,30	40,30
Tightening Ø	mm	16	17	18	19	20		
1561GN	Each	40,30	40,30	40,30	40,30	40,30		

1561GR SCU **40**



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	69,70	52,10	52,10	52,10	52,10	52,10	52,10
Tightening Ø	mm	10	11	12	13	14	15	16
1561GR	Each	52,10	52,10	52,10	52,10	52,10	52,10	52,10
Tightening Ø	mm	17	18	19	20	21	22	23
1561GR	Each	52,10	52,10	52,10	52,10	52,10	52,10	52,10
Tightening Ø	mm	24	25	26	28	30		
1561GR	Each	52,10	52,10	52,10	61,10	61,10		

For Ø size mm 28 and 30 rotation's precision to 10 µm.

ASSORTMENT OF ER/ESX COLLETS FOR CHUCKS

1561GT SCU



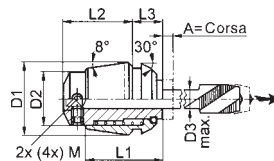
Prod. SCU - Orig. Fahrion

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	Nr	9	13	10	12	15	18	23
1561GT	Each	440,00	562,00	407,00	495,00	626,00	783,00	1.280,00

TRACTION COMPENSATED PINCERS

1562GG SCU
1562GH
1562GL
1562GM



Code	Thread range	DIMENSION						
		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

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	206,00	206,00	201,00	206,00	201,00	206,00
Tightening Ø	mm	4,5	5	5,5	6	6,3		
1562GG	Each	206,00	206,00	206,00	206,00	206,00		

Sizes mm 2,24, 3,15 and 3,55 are 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	206,00	206,00	201,00	206,00	201,00	206,00	206,00
Tightening Ø	mm	5	5,5	6	6,3	7		
1562GH	Each	206,00	206,00	206,00	206,00	206,00		

Sizes mm 3,15 and 3,55 are 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	216,00	211,00	216,00	216,00	216,00	216,00
Tightening Ø	mm	6	6,3	7	8	9	10	
1562GL	Each	216,00	216,00	216,00	216,00	216,00	216,00	

Sizes mm 3,15 and 3,55 are 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	231,00	231,00	231,00	231,00	231,00	231,00	231,00
Tightening Ø	mm	9	10	11	11,2	12	12,5	
1562GM	Each	231,00	231,00	231,00	231,00	231,00	231,00	

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.

Lunghezza corsa esp. 8mm. Dimensions (mm) D = 33 L = 48.

Tightening Ø	mm	3,5	4	4,5	6	7	8	9
1562GPA	Each	178,00	178,00	169,00	153,00	153,00	153,00	153,00
Tightening Ø	mm	10	11					
1562GPA	Each	153,00	153,00					

SCU 32 1562GPA

CNC CHUCK VICES
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 between centres	mm	85	85
Bores length between centres	mm	95	125
Weight	Kg	6,3	9,6
1562GRA	Each	312,00	350,00

SCU 1562GRA

ZERO-SETTERS
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 8. Zero-setter dimensions Ø 58mmx50 h.

1562GRE Each **141,00**

1562GRE

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 8. Zero-setter dimensions mm50x48x50 h.

1562GRF Each **196,00**

1562GRF

3-D TASTERS
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 **685,00**

Tasting bars for taster Art. 1562 S.

Ball Ø	mm	4	8
Overall length	mm	25	65
Type		standard	optional
O1562S	Each	81,10	140,00

SCU IP67 1562S




TASTERS AND CENTRING TOOLS FOR EDGES

1562TA



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 and 10
Drive Ø	mm	10	10
Overall length	mm	84	94
Supplier code		01027096	01027097
1562TA	Each	34,50	39,20

1562TE



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	126,00	149,00	157,00

ELECTRONIC 3-D CENTRING TOOLS, WITH LIGHT AND SOUND GENERATING MECHANISM

1562V



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	600,00

SELF-CENTRING CHUCKS

1563P
new



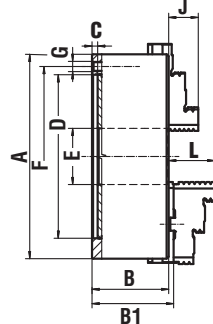
Prod. SCU

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
rev/min	Nr	5000	4500	4000	3600	3000	2500	2000
Tightening force	kN	10	17	24	31	37	46	55
1563P	Each	382,00	424,00	454,00	488,00	606,00	847,00	1.300,00



Riferimenti quote

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

1563R
new



Set of 3 internal jaws in tempered steel, integral. For Art. 1563 P.

Ø	mm	80	100	125	160	200	250	315
1563R	Per series	110,00	127,00	133,00	152,00	162,00	201,00	329,00

Set of 3 external jaws in tempered steel, integral. For Art. 1563 P.

Ø	mm	80	100	125	160	200	250	315
1563T	Per series	110,00	127,00	133,00	152,00	162,00	201,00	329,00

SCU



1563T
new

Set of 3 jaws in untempered steel, integral. For Art. 1563 P.

Ø	mm	80	100	125	160	200	250	315
1563V	Per series	85,20	89,70	89,50	104,00	119,00	150,00	240,00

SCU



1563V
new

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
rev/min	Nr	4500	4000	3600	3000	2500	2000
Tightening force	kN	27	31	47	55	63	69
1565G	Each	903,00	992,00	1.140,00	1.380,00	1.950,00	2.690,00

SCU

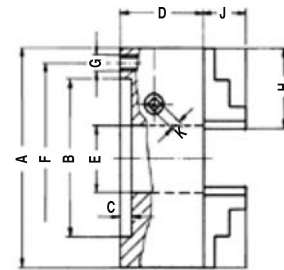


1565G

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	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



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
rev/min	Nr	4000	3600	3000	2500	2000
Tightening force	kN	24	31	37	46	55
1567P	Each	528,00	590,00	683,00	938,00	1.430,00

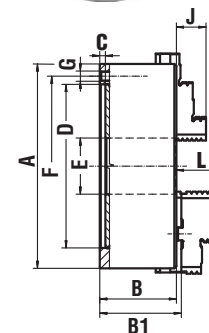
SCU



1567P
new

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



Set of 4 internal jaws in tempered steel, integral. For Art. 1567 P.

Ø	mm	125	160	200	250	315
1567R	Per series	210,00	240,00	256,00	316,00	519,00

SCU



1567R
new

Set of 4 external jaws in tempered steel, integral. For Art. 1567 P.

Ø	mm	125	160	200	250	315
1567T	Per series	210,00	240,00	256,00	316,00	519,00

SCU



1567T
new

1567V
new

SCU



Set of 4 jaws in untempered steel, integral. For Art. 1567 P.

Ø	mm	125	160	200	250	315
1567V	Per series	144,00	164,00	185,00	282,00	401,00

1569G

SCU



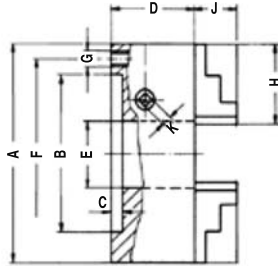
Prod. SCU - Röhm

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
rev/min	Nr	4500	4000	3600	3000	2500	2000
Tightening force	kN	27	31	47	55	63	69
1569G	Each	910,00	996,00	1.200,00	1.420,00	1.950,00	2.890,00

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

1569P
new

SCU



Prod. SCU

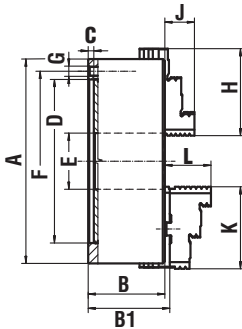
Double guide, special spheroidal die cast body. 3-jaws very high-precision model.

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
rev/min	Nr	3600	3000	2500	2000
Tightening force	kN	31	37	46	55
1569P	Each	1.050,00	984,00	1.330,00	2.060,00

Riferimenti quote

	mm	160	200	250	315
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



1569R
new

SCU



Set of 3 internal jaws in tempered steel, integral. For Art. 1569 P.

Ø	mm	160	200	250	315
1569R	Per series	273,00	291,00	398,00	612,00

1569T
new

SCU



Set of 3 external jaws in tempered steel, integral. For Art. 1569 P.

Ø	mm	160	200	250	315
1569T	Per series	272,00	291,00	398,00	612,00

1569V
new

SCU



Set of 3 jaws in untempered steel, integral. For Art. 1569 P.

Ø	mm	160	200	250	315
1569V	Per series	205,00	235,00	297,00	474,00

Prod. SCU - Röhlm

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	200	250	315
Bore Ø	mm	55	76	103
Weight	Kg	15	26,5	48
1570G	Each	2.100,00	2.910,00	4.460,00

Product running out of stock

SCU



1570G

Sets of 3 internal jaws, hardened. For Art. 1570 G.

Ø	mm	200	230	250	315
1570GA	Per series	721,00	905,00	960,00	1.380,00

Product running out of stock

SCU



1570GA

Sets of 3 external jaws, hardened. For Art.1570 G.

Ø	mm	200	230	250	315
1570GB	Per series	695,00	905,00	943,00	1.490,00

Product running out of stock

SCU



1570GB

Sets of 3 blocks, not hardened. Per Art. 1570 G.

Ø	mm	200	315
1570GE	Per series	112,00	224,00

Product running out of stock

SCU



1570GE

Sets of 3 hardened supports, for blocks. Per Art. 1570 G.

Ø	mm	200	250	315
1570GF	Per series	646,00	723,00	1.170,00

Product running out of stock

SCU



1570GF

FACE PLATE FOR SELF-CENTRING CHUCKS

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	145	320
Flange height	mm	15	22	18	25
Bore Ø	mm	30	30	15	30
Hub Ø	mm	60	85	72	118
Hub height	mm	30	35	40	55
Weight	Kg	1,5	3	4,5	25
1571P	Each	18,70	29,80	30,90	167,00

The dimensions listed below are indicative and may be subject to change.

Product running out of stock

SCU



1571P

REVOLVING CENTERS

Prod. SCU

Light. Made of hardened and ground steel, hardness HRC 61-62.

With tip at 60°.

Drive	C.M.	2	3	4
Rotating tip Ø	mm	25	28	32
Body Ø	mm	45	52	60
Radial workload	N	560	790	1100
Weight	Kg	0,350	0,700	1,200
1578	Each	92,10	114,00	129,00

SCU



60°

1578

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	129,00	134,00	172,00	246,00	358,00

SCU



60°

1579

C.M. 6 revolving centres available on request.

1580

SCU



60°

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	
rev/min	Nr	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	157,00	209,00	283,00	411,00	1.070,00

BULL NOSE LATHE CENTERS

1582

SCU



60°

Prod. SCU

Type suitable for pipe and hollow parts lathing and grinding.
Completely in hardened and ground steel.
Self-adjusting and thrust bearings.
Point at 60°

Size		2	2A	3A	5	
Drive	C.M.	2	2	3	5	
Rotating cone max Ø	mm	45	55	70	90	
Rotating cone min Ø	mm	15	20	25	32	
Max axial load	Kg	80	120	150	350	
	1582	Each	223,00	278,00	334,00	456,00

Product running out of stock

REVOLVING CENTERS WITH INTERCHANGEABLE INSERTS

1584E

SCU



Prod. SCU

Light. Made of 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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1584G

SCU



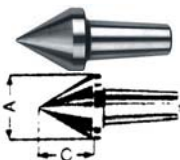
Prod. SCU - Röhml

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 rotating body only	mm	45	48	67	
Max axial load	Kg	40	130	250	
	1584G	Each	438,00	428,00	606,00

1584GA

SCU



60°

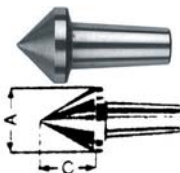
Point at 60° for Art. 1584 G.

For tailstock drive	C.M.	2	3	4	
	1584GA	Each	52,80	62,60	73,40

	1584 GA	
	A	C
2	16	13
3	20	17
4	28	23,5

1584GC

SCU



90°

Point at 90° for Art. 1584 G.

For tailstock drive	C.M.	2	3	4	
	1584GC	Each	71,80	71,80	85,60

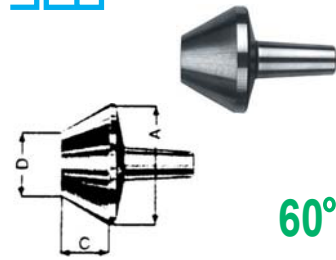
	1584 GC	
	A	C
2	16	7,5
3	20	9,5
4	28	13,5

60° truncated cone inserts for Art.1584G

For tailstock drive	C.M.	2	3	4
1584GE	Each	71,80	80,10	123,00

1584 GE				
	A	C	D	
2	25	13	10	
3	35	17,5	15	
4	55	21,5	30	

SCU



1584GE

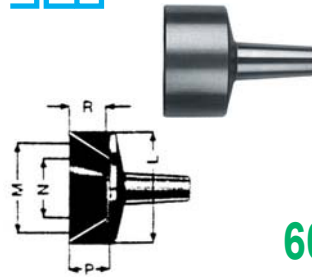
60°

60° truncated cone inserts for Art.1584G

For tailstock drive	C.M.	2	3	4
1584GF	Each	129,00	157,00	221,00

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

SCU



1584GF

60°

Insert pullers for Art. 1584 G.

For tailstock drive	C.M.	2	3	4
1584GL	Each	25,50	42,60	42,60

SCU



1584GL

DEAD LATHE CENTERS

Prod. SCU

Made of 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	14,10	14,10	20,70	30,30	54,60	117,00

SCU



1585

60°

Hard metal tipped.

Drive	C.M.	1	2	3	4	5	6
Length	mm	80	100	125	160	200	280
1586A	Each	32,90	32,90	42,80	57,70	98,70	206,00

SCU



1586A

HARTMETALL

60°

Product description as Art. 1586A

Drive	C.M.	2	3	4	5
Length	mm	100	125	160	200
1586B	Each	36,50	45,30	61,70	104,00

SCU



1586B

HARTMETALL

60°

QUICK-CHANGE TOOL BLOCKS

1587

SCU



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.

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	842,00	897,00	915,00	1.070,00	1.240,00	1.470,00

Spare flat seat tool holder. For Art. 1587.

Body dimensions	mm	70x70	80x80	100x100	115x115	126x126	145x145
O1587A	Each	112,00	112,00	112,00	129,00	160,00	193,00

Spare V-seat tool holder. For Art. 1587.

Body dimensions	mm	70x70	80x80	100x100	115x115	126x126	145x145
O1587B	Each	119,00	119,00	119,00	143,00	174,00	207,00

Spare tool holder with Morse cone. For Art. 1587.

Body dimensions	mm	70x70	80x80	100x100	115x115	126x126	145x145
O1587C	Each	214,00	214,00	214,00	266,00	289,00	381,00

These parts are only suitable for turrets supplied by us.

T-wrenches. Square socket. In forged steel. Burnished. For Art. 1587.

Opening	mm	7	9	10	12
For turrets	mm	70x70/80x80	100x100	115x115/126x126	145x145
O1587E	Each	23,80	23,80	31,10	33,90

Offset socket wrenches. Hexagonal opening.

In forged steel. Burnished. For Art. 1587.

Opening	mm	10	12	14	17	21
For turrets	mm	70x70	80x80	100x100	115x115/126x126	145x145
O1587F	Each	35,70	35,70	35,70	43,10	60,40

BUCKLING KNURLING TOOLS

1592GA **SCU**



AA

HSS

Prod. SCU

Professional model according to DIN 403 for knurling according to DIN 82. Diameter: 20mm. Thickness: 8mm. Hole: 6mm. In special QUICKSUPER steel (HSS), 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
1592GA	Each	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GA	Each	38,80	38,80	38,80	38,80	38,80		

1592GB **SCU**



BL

30°

HSS

Product description as Art. 1592GA

Helical profile, left, 30° (BL 30).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GB	Each	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GB	Each	38,80	38,80	38,80	38,80	38,80		

1592GC **SCU**



BL

45°

HSS

Product description as Art. 1592GA

Helical profile, left, 45° (BL 45).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GC	Each	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GC	Each	38,80	38,80	38,80	38,80	38,80		

1592GE **SCU**



BR

30°

HSS

Product description as Art. 1592GA

Helical profile, right, 30° (BR 30).

Pitch	mm	0,4	0,5	0,6	0,7	0,8	1	1,2
1592GE	Each	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GE	Each	38,80	38,80	38,80	38,80	38,80		

Prices in EURO - VAT not included

6

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	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GF	Each	38,80	38,80	38,80	38,80	38,80		

SCU



BR 1592GF
45°
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	66,10	66,10	66,10	66,10	66,10	66,10	66,10
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GH	Each	66,10	66,10	66,10	66,10	66,10		

SCU



GE 1592GH
30°
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	66,10	66,10	66,10	66,10	66,10	66,10	66,10
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GL	Each	66,10	66,10	66,10	66,10	66,10		

SCU



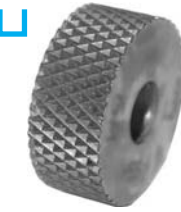
GE 1592GL
45°
HSS

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	72,30	72,30	72,30	72,30	72,30	72,30	72,30
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GM	Each	72,30	72,30	72,30	72,30	72,30		

SCU



GV 1592GM
30°
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	72,30	72,30	72,30	72,30	72,30	72,30	72,30
Pitch	mm	1,4	1,5	1,6	1,8	2		
1592GP	Each	72,30	72,30	72,30	72,30	72,30		

SCU



GV 1592GP
45°
HSS

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

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	39,20
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Knurling tools: see Art. 1592 GA to 1592 GP.

SCU



1592GR

Product description as Art. 1592GR

2-pcs knurling-tools. Length: 148mm.

Cross section: 18x25mm.

1592GS	Each	163,00
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Knurling tools: see Art. 1592 GA to 1592 GP.

SCU



1592GS

Product description as Art. 1592GR

6-pcs knurling tools. Length: 178mm.

Section: 25x25mm.

1592GT	Each	274,00
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Knurling tools: see Art. 1592 GA to 1592 GP.

SCU



1592GT

1592GV SCU



Product description as Art. 1592GR

2-pcs knurling tools, with compensating action. Adjustable capacity Ø mm 4 a 50. Lenght mm 215.

Section mm 18x25.

1592GV Each **392,00**

Knurling tools: see Art. 1592 GA to 1592 GP.

KNURLING TOOLS SETS

1592GZ SCU



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 **523,00**

CUTTING KNURLING TOOLS

1593GA SCU



AA

HSS

Prod. SCU

Professional model according to standard 403 for CUTTING knurling according to DIN 82.

Diameter 21.5mm. Thickness 5mm. Bore 8mm.

In special QUICKSUPER steel (HSS), 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	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1593GA	Each	38,80	38,80	38,80	38,80	38,80		

1593GB SCU



BL

15°

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	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1593GB	Each	38,80	38,80	38,80	38,80	38,80		

1593GC SCU



BL

30°

HSS

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	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1593GC	Each	38,80	38,80	38,80	38,80	38,80		

1593GE SCU



BR

15°

HSS

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	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1593GE	Each	38,80	38,80	38,80	38,80	38,80		

1593GF SCU



BR

30°

HSS

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	38,80	38,80	38,80	38,80	38,80	38,80	38,80
Pitch	mm	1,4	1,5	1,6	1,8	2		
1593GF	Each	38,80	38,80	38,80	38,80	38,80		

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

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 **706,00**

For knurls see Art. 1593 GA to 1593 GF.

SCU

1593GP



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.

Right-hand version.

1593GR Each **1.130,00**

For knurls see Art. 1593 GA to 1593 GF.

SCU

1593GR



RIGHT

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.

Left-hand version.

1593GT Each **1.130,00**

For knurls see Art. 1593 GA to 1593 GF.

SCU

1593GT



LEFT

6

AUTOMATIC LATHE DOGS

Prod. SCU

In hardened steel.

For lathes and grinders.

Rapid workpieces turnover. Suitable for serial works.

Size	1	4	5	6
Capacity min mm	4	24	32	40
Max capacity mm	8	32	40	48
Weight grams	70	320	540	780
1595 Each	55,60	77,80	88,90	134,00

Product running out of stock

Spare spring for Art. 1595.

Size	3	4	5	6
O1595 Each	6,68	6,68	7,80	8,34

Product running out of stock

Spare levers for Art. 1595.

Size	1	2	3	5	6
O1595A Each	22,30	27,80	31,20	44,50	55,60

Product running out of stock

SCU

1595



CLEANERS FOR CONE AND CYLINDRICAL SHANKS

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	36,10	47,20

SCU

1596G



Product description as Art. 1596G

Type for ISO/SK cones.

Cone ISO/SK	20	30	40	45	50
1597G Each	24,30	22,90	30,90	49,70	60,80

SCU

1597G



Product description as Art. 1596G

Type for HSK cones.

Cone HSK	25	32	40	50	63	80	100	125
1598G Each	75,10	71,50	75,10	77,90	82,20	94,70	104,00	158,00

SCU

1598G



1598GA SCU

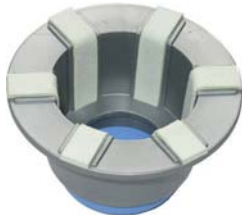


For cone outside cleaning. Housing in plastic material with longitudinal inserts in synthetic leather. Oil-proof and detergent-proof.

Type for HSK - 63 cones.

Cone HSK	63
1598GA	Each 82,20

1598GB SCU



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 75,10

1599G SCU



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	64,30	64,30	70,90	79,80	84,20

OIL-SYSTEM REGULATION

1601G maxiflex



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 18,80
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1602G maxiflex



Product description as Art. 1601G

HOSE 1/4" - 6 mm

Articulated hose. Length: 1m.

1602G	Per pack 53,10
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1603G maxiflex



Product description as Art. 1601G

HOSE 1/4" - 6 mm

Articulated hose. Length: 10m.

1603G	Per pack 531,00
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Product description as Art. 1601G

HOSE 1/4" - 6mm
4 x nozzles Ø 1.6mm.

1604GA Per pack **11,90**



Product description as Art. 1601G

HOSE 1/4" - 6mm
4 x nozzles Ø 3.2mm.

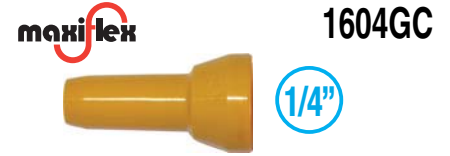
1604GB Per pack **11,90**



Product description as Art. 1601G

HOSE 1/4" - 6mm
4 x nozzles Ø 5.6mm.

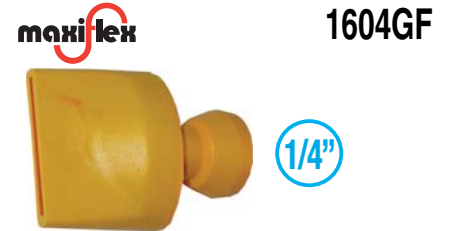
1604GC Per pack **11,90**



Product description as Art. 1601G

HOSE 1/4" - 6mm
2 x flat nozzles 24mm.

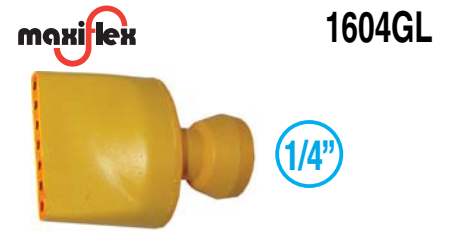
1604GF Per pack **15,60**



Product description as Art. 1601G

HOSE 1/4" - 6mm
2 x multi-hose flat nozzles 24mm.

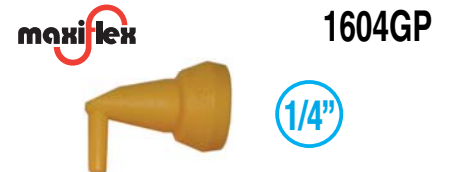
1604GL Per pack **15,60**



Product description as Art. 1601G

HOSE 1/4" - 6mm
4 x angled nozzles Ø 1.6mm.

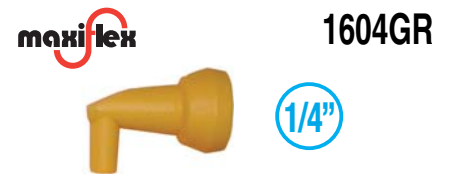
1604GP Per pack **13,90**



Product description as Art. 1601G

HOSE 1/4" - 6mm
4 x angled nozzles Ø 3.2mm.

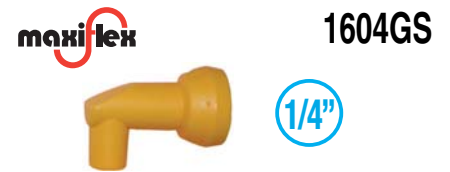
1604GR Per pack **13,90**



Product description as Art. 1601G

HOSE 1/4" - 6mm
4 x angled nozzles Ø 5.6mm.

1604GS Per pack **13,90**



Product description as Art. 1601G

HOSE 1/4" - 6mm
2 x multi-hole angled nozzles, 7 holes Ø 2mm.

1604GT Per pack **12,50**



1605GA **maxi lex**

Product description as Art. 1601G
HOSE 1/4" - 6mm
4 x R 1/8" connections.

1605GA Per pack **13,90**

1605GB **maxi lex**

Product description as Art. 1601G
HOSE 1/4" - 6mm
4 x R 1/4" connections.

1605GB Per pack **13,90**

1605GC **maxi lex**

Product description as Art. 1601G
HOSE 1/4" - 6mm
2 x Y - junctions.

1605GC Per pack **15,60**

1605GF **maxi lex**

Product description as Art. 1601G
HOSE 1/4" - 6mm
4 x adaptors for LOC-LINE and ARIANA systems.

1605GF Per pack **11,90**

1605GL **maxi lex**

Product description as Art. 1601G
HOSE 1/4" - 6mm
4 x double socket adaptors

1605GL Per pack **17,40**

1605GN **maxi lex**

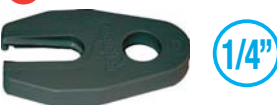
Product description as Art. 1601G
HOSE 1/4" - 6mm
4 x double socket adaptors.

1605GN Per pack **17,40**

1605GR **maxi lex**

Product description as Art. 1601G
HOSE 1/4" - 6mm
2 x clips junctions.

1605GR Per pack **15,60**

1607GA **maxi lex**

Product description as Art. 1601G
HOSE 1/4" - 6mm
1 x separator.

1607GA Each **5,90**

1607GB **maxi lex**

Product description as Art. 1601G
HOSE 1/4" - 6mm
1 x assembly pliers.

1607GB Each **24,40**

Product description as Art. 1601G

HOSE 1/2" - 12mm

SET:

1 x R 1/2" connection

1 x nozzle Ø 10mm

1 x hose pipe 320mm

1612G Each **21,40**

maxi flex

1612G



Product description as Art. 1601G

HOSE 1/2" - 12mm

Articulated hose, length: 1m.

1613G Per pack **65,10**

maxi flex

1613G



Product description as Art. 1601G

HOSE 1/2" - 12mm

Articulated hose, length: 10m.

1613GL Per pack **651,00**

maxi flex

1613GL



Product description as Art. 1601G

HOSE 1/2" - 12mm

4 x nozzles Ø 10mm.

1614GA Per pack **13,90**

maxi flex

1614GA



Product description as Art. 1601G

HOSE 1/2" - 12mm

2 x flat nozzles 30mm.

1614GB Per pack **17,40**

maxi flex

1614GB



Product description as Art. 1601G

HOSE 1/2" - 12mm

2 x flat nozzles 60mm.

1614GC Per pack **17,40**

maxi flex

1614GC



1614GF

maxi lex



1/2"

Product description as Art. 1601G
HOSE 1/2" - 12mm
2 x multihole flat nozzles 30mm.

1614GF Per pack **17,40**

1614GP

maxi lex



1/2"

Product description as Art. 1601G
HOSE 1/2" - 12mm
4 x angled nozzles Ø 7mm.

1614GP Per pack **17,40**

1614GR

maxi lex



1/2"

Product description as Art. 1601G
HOSE 1/2" - 12mm
4 x angled nozzles Ø 10mm.

1614GR Per pack **17,40**

1614GT

maxi lex



1/2"

Product description as Art. 1601G
HOSE 1/2" - 12mm
2 x angled nozzles with 8 holes, Ø 3.2mm.

1614GT Per pack **16,10**

1615GA

maxi lex



1/2"

3/8"

Product description as Art. 1601G
HOSE 1/2" - 12mm
4 x R 3/8" connections.

1615GA Per pack **15,10**

1615GB

maxi lex



1/2"

1/2"

Product description as Art. 1601G
HOSE 1/2" - 12mm
4 x R 1/2" connections.

1615GB Per pack **15,10**

1615GC

maxi lex



1/2"

1/2"

Product description as Art. 1601G
HOSE 1/2" - 12mm
2 x Y - junctions.

1615GC Per pack **17,40**

1615GF

maxi lex



1/4"

1/2"

Product description as Art. 1601G
HOSE 1/2" - 12 mm
2 x Y - junctions with 12 ÷ 6 adaptors.

1615GF Per pack **17,40**

6

Product description as Art. 1601G

HOSE 1/2" - 12mm
2 x 12 ÷ 6 adaptors.

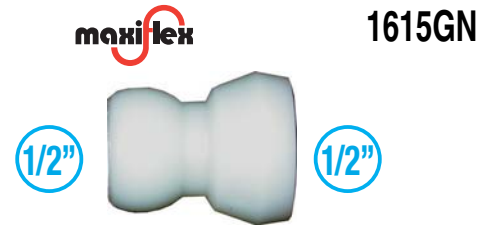
1615GL Per pack **15,60**



Product description as Art. 1601G

HOSE 1/2" - 12mm
4 x adaptors for LOC-LINE and ARIANA systems.

1615GN Per pack **13,90**



Product description as Art. 1601G

HOSE 1/2" - 12mm
4 x double socket adaptors

1615GP Per pack **20,10**



Product description as Art. 1601G

HOSE 1/2" - 12mm
4 x double adaptors.

1615GS Per pack **20,10**



Product description as Art. 1601G

HOSE 1/2" - 12mm
2 x clips junctions.

1615GT Per pack **17,40**



Product description as Art. 1601G

HOSE 1/2" - 12mm
1 x separator.

1616GA Each **9,70**



Product description as Art. 1601G

HOSE 1/2" - 12mm
1 x assembly pliers.

1616GB Each **24,40**



Product description as Art. 1601G

HOSE 1/2" - 12mm
4 x hose pipes, length: 120mm.

1619GA Per pack **23,70**



1619GM **maxi flex**



1/2"

Product description as Art. 1601G
HOSE 1/2" - 12mm
4 x box couplings.

1619GM Per pack **20,10**

1620GA **maxi flex**



1/4"

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 **153,00**

1620GB **maxi flex**



1/2"

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 **201,00**

1621G **maxi flex**



1/4"

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 p. units Art. 1604 GA
3 x nozzles p. units Art. 1604 GB
3 x nozzles p. units Art. 1604 GC
3 x nozzles p. units Art. 1604 GF
2 x connections p. units Art. 1605 GA
3 x connections p. units 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 **428,00**

1624G
1625G

maxi flex

1/4"



1/4"

1/2"

1/2"

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 Per pack **16,30**

Product description as Art. 1624G

FLOW REGULATORS

3 regulators with 1/2"-12mm fitting.

1625G Per pack **31,20**

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 **8,94**

Product description as Art. 1626G

Threaded drive NPT 1/2 and 1/2" - 12mm fitting.

1627G Each **10,20**



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 8.

MAGNETIC SUPPORTS FOR REGULATORS

Complete with 1/4" - 6mm pipe.

1628G Each **173,00**



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 15.

MAGNETIC SUPPORTS FOR REGULATORS

Complete with 1/2" - 12mm pipe.

1630G Each **268,00**



Magnetic supports with hose connection attacco Ø 10mm. Complete with 2 assortment Art. 1601 G for liquids or air double flow.

Magnetic traction force: Kg. 8.

MAGNETIC SUPPORTS FOR REGULATORS

Complete with 1/4" - 6mm pipes.

1632G Each **160,00**



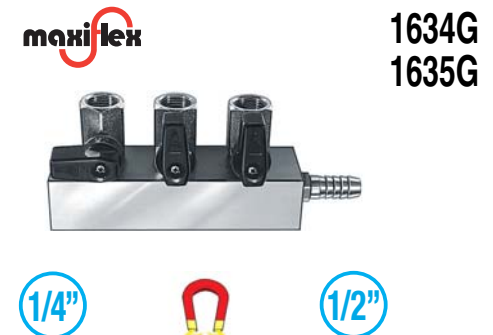
Magnetic supports with hose connection Ø 13mm. 3 x flow regulator valves for liquids or air triple inlet-outlet, 1/4" drive.

Magnetic traction force: Kg 24.

MAGNETIC SUPPORTS FOR REGULATORS

1/4" - 6mm system support.

1634G Each **384,00**



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 REGULATORS

1/2" - 12mm system support.

1635G Each **384,00**

NEW!

NEWS CHAPTER 7



1708GB 1

Blades For Electric Saws
► P. 485



1709GE

Blades For Electric Saws
► P. 486



1711G

Blades For Portable Electric And Pneumatic Saws ► P. 487



1714GCA

Air Impact Wrenches
► P. 491



1733CB

Elastic Compressed Air Hoses
► P. 507



1733CP

Elastic Compressed Air Hoses
► P. 507



1733H

Elastic Compressed Air Hoses
► P. 508



1847

Hooks For Chips
► P. 524



1669GAP

Percussion Battery Drills
► P. 473



1708GC 5

Blades For Electric Saws
► P. 485



1709GF

Blades For Electric Saws
► P. 486



1714GBE

Set of sockets with thin walls to be used for screwing bolts in confined spaces ► P. 491



1733CA

Elastic Compressed Air Hoses
► P. 507



1733CL

Elastic Compressed Air Hoses
► P. 507



1733CR

Elastic Compressed Air Hoses
► P. 507



1847C

Magnetic Metal Pickers
► P. 524



ELECTRIC TOOLS - COMPRESSED AIR TOOLS BRUSHES, GRINDING WHEEL DRESSES

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

<p>Hand and breast drills</p>		<p>From 1640G To 1660G</p>
<p>Cordless and electric screwdrivers Electric and electronic drills Drills stands Electric angle grinders and supports Hand grinders Stand electric grinders and accessories Other electric tools and accessories</p>		<p>From 1662G To 1712T</p>
<p>Air tools</p>		<p>From 17122G To 1729G 3F</p>
<p>Air tools accessories Automatic hose reels for air and water</p>		<p>From 1730G To 1744</p>
<p>Brushes Magnetic tools</p>		<p>From 1798A To 1847G</p>
<p>Dressing tools Industrial diamonds</p>		<p>From 1849GA To 1872</p>

HAND DRILLS

1640G
1642G
SCU

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	17,60
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Spare chucks for Art. 1640 G.

O1640G	Each	3,94
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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	21,10
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Spare chucks for Art. 1642 G.

O1642G	Each	4,82
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1644G
SCU


Practical storage handle.
 Reinforced model. With 1 gear and 2 pinions.
 With chuck for drill bits up to 8mm. Total length 285mm.

1644G	Each	27,00
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Spare chucks for Art. 1644 G.

O1644G	Each	4,82
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BREAST DRILLS

1660G
SCU

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	47,70

Spare chucks for Art. 1660 G.

O1660G	Each	7,64
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BATTERY SCREWDRIVERS

1662G
SCU

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 2 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 out	ore	3-5
Battery voltage:	Volt	3,6 - 1,5 Ah Li-Ion
Max torque	Nm	7
Weight	Kg	0,3
1662G	Each	103,00

3,6V
1/4"
CE


BATTERY IMPACT WRENCHES

Prod. Pneutec - Art. UT 8512 B / C

Pistol grip type, for professional use, high power and very sturdy. Ergonomic handle made of soft material for greater comfort. Reversible. Equipped with detachable LITHIUM battery, rechargeable. 230 V battery charger. In plastic case. Autonomy: 2 hours continuous operation.

Drive for bushes	inch	1/2
Length	mm	254
For bolts up to	M.	22
No-load speed	rev/min	0-2000 / 0-1800
Battery voltage:	Volt	18,0 - 3,0 Ah
Max torque	Nm	435 / 620
Noise level	dB	83,6
Vibrations	m/s ²	6,6 / 2,5
Weight	Kg	2,7 / 3,4

1665G	Each	978,00
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Spare batteries and battery charger available on request.

When the mod. UT 8512 B will run out of stock, mod. UT 8512 C will be supplied.

PNEUTEC
DRUCKLUFTWERKZEUGE

1665G



18V



PERCUSSION BATTERY DRILLS

Prod. SCU - SKIL

Continuous electronic speed adjustment type, reversible. 5-speed clutch plus top speed (for drilling or power screwing). Equipped with detachable Ni-Cd battery, rechargeable. 230-240 V battery charger.

Quick chuck connec.3/8x24	mm	10
Bores Steel/wall/wood	mm	6/13/20
For screws up to	M.	6
No-load speed	rev/min	0-550
Battery voltage:	Volt	12 - 1,5 Ah
Weight	Kg	1,5

1669G	Each	120,00
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Spare wheels for Art. 1669 G.

O1669G 1	Each	37,30
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Spare wheels for Art. 1669 GR.

O1669G 2	Each	80,80
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SCU

1669G



12V



Professional type, 2-speed type with mechanical speed adjustment. 17-speed clutch plus top speed (for drilling or power screwing). Equipped with 1 removable, rechargeable LITHIUM (Li-ion) battery. 230 V battery charger.

Quick chuck connec.3/8x24	mm	10
Bores Steel/wall/wood	mm	10/18/30
For screws up to	M.	8
No-load speed	rev/min	0-400/0-1500
Battery voltage:	Volt	14,4 - 1,5 Ah
Weight	Kg	1,2

1669GAP	Each	226,00
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Spare battery charger for Art. 1669 GAP.

O1669GAP 1	Each	85,80
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Spare battery for Art. 1669 GAP.

O1669GAP 2	Each	132,00
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SCU

1669GAP
new



14,4V



Super-professional, 2-speed type with mechanical speed adjustment. 19-speed clutch plus top speed (for drilling or power screwing). Equipped with 1 fixed, rechargeable LITHIUM (Li-ion) battery. 220-240 V battery charger.

Quick chuck connec.3/8x24	mm	10
Bores Steel/wall/wood	mm	10/20/35
For screws up to	M.	8
No-load speed	rev/min	0-400/0-1600
Battery voltage:	Volt	18 - 1,5 Ah
Weight	Kg	1,3

1669GB	Each	243,00
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Spare battery charger for Art. 1669 GB.

O1669GB 1	Each	85,80
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Spare V 12 battery for Art. 1669 GB.

O1669GB 2	Each	191,00
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SCU

1669GB



18V



ELECTRIC SCREWDRIVERS
1670G**SCU**

1/4"

**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.		
Hesagonal 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	195,00
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Product running out of stock
ELECTRONIC SCREWDRIVERS DRILLS
1670GP**SCU****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 to (~ 14,4 V)
No-load speed	rev/min	0-400/1600
Max torque	Nm	38
Weight	Kg	1,2

1670GP	Each	134,00
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ELECTRONIC DRILLS

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
For drilling concrete	mm	13
Absorbed power	W	550
No-load speed	rev/min	0-3000
No. of strikes per minute		0-48000
Weight	Kg	1,8
1671E	Each	84,50

Spare chucks available on request.



Professional type, modern and ergonomic line. Double safety insulation and radio/TV interference shielding according to European regulations. 220-240 Volt monophase motor, continuous electronic variation and automatic electronic stabilisation of speed. Reversible rotation and disengageable percussion. Equipped with additional handle and depth bar.

Quick Rack drive 1/2x20	mm	13
Bores Steel/wall/wood	mm	13/20/40
For drilling concrete	mm	13
Absorbed power	W	1000
No-load speed	rev/min	0-3000
No. of strikes per minute		0-48000
Weight	Kg	1,9
1671G	Each	173,00

Spare chucks available on request.



High-power professional type, for heavy duty. Double safety insulation and radio/TV interference shielding according to European regulations. 220-240 Volt monophase 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
For drilling concrete	mm	13
Absorbed power	W	1000
No-load speed	rev/min	0-3000
No. of strikes per minute		0-48000
Weight	Kg	2,1
1673G	Each	198,00

Spare chucks available on request.



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 monophase 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
For drilling concrete	mm	16
Absorbed power	W	1100
No-load speed	rev/min	0-1000/0-3000
No. of strikes per minute		0-16000/0-48000
Weight	Kg	3,3
1676G	Each	261,00

Spare chucks available on request.



1680G**SCU**

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 bar and ruck chuck mm 1,5-13.

Bores Steel/wall/wood	mm	13/26/40
For drilling concrete	mm	24
Absorbed power	W	850
No-load speed	rev/min	0-0-950
No. of strikes per minute		0-4400
Weight	Kg	2,8

1680G	Each	314,00
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For electric multi-purpose drills see. Art. 3078 B.

**DRILL STANDS****1681GA****SCU****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	146,00
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1681GB**SCU**

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	158,00
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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	353,00
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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
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	82,80
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For grinding wheels see Sonnenflex program.

1684GT


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	103,00
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For grinding wheels see Sonnenflex programme.

1685GE


Product description as Art. 1685GE

For wheels Ø	mm	125
Absorbed power	W	1100
No-load speed	rev/min	12000
Grinding shaft thread	M.	14
Disc bore Ø	mm	22
Weight	Kg	2,4

1686G	Each	243,00
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For grinding wheels see Sonnenflex program.

1686G


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	208,00
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For grinding wheels see Sonnenflex program.

1689G

ANGLE GRINDER SUPPORTS
Prod. SCU

Standard type, for grinders Art. 1686 G and the like with grinding wheel Ø 115/125mm.

Made from 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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1689L


1689P

SCU



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

ELECTRIC POLISHING MACHINES

1690G

SCU



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 with a diameter ranging from 125 to 180 mm, and 2 horn-shaped headphones.

Absorbed power	W	1300
No-load speed	rev/min	3600
Pad drive thread	M	14
Weight	Kg	2,9

1690G Each 349,00



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 736,00

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 Per series 37,50



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 progressive switch. With protection cup.

Suitable 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 538,00



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 discs	mm	100	50
Tools drive	mm	6	6
Weight	Kg	2,2	2,2

1691GP Each 361,00 314,00



ELECTRIC GRINDERS

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 with 2 grinding wheels

With mills	mm	200x20
Absorbed power	W	370
No-load speed	rev/min	2950
Weight	Kg	10,7

1692	Each	208,00
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1692

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 monophas motor.

Complete with grinding wheels, hole 20mm.

Type with 2 grinding wheels

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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1692A

Product description as Art. 1692A

Complete with grinding wheels, hole 20mm.

Type with 2 grinding wheels

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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1692E

Product description as Art. 1692A

Complete with grinding wheels, hole 16mm.

Type with 2 grinding wheels

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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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.

V 230/50 Hz monophas motor.

Complete with grinding wheel, hole 20mm., without brush.

Type with 1 comb. grinding wheels

With 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.



1693E

1693F**SCU****IP52**

Product description as Art. 1693E

Complete with grinding wheel, hole 16mm., without brush.

Type	with 1 comb. grinding wheels	
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.

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
Bore 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
Bore 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
Bore Ø	mm	12	16
O1693S	Each	25,20	38,30

1694A**SCU****IP52**

Workbench type, for industrial use.

Motor manufactured according 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	with 2 grinding wheels	
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	with 2 grinding wheels	
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 manufactured according 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	with 1 comb. grinding wheels	
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

Product description as Art. 1697A
Without grinding wheel and brush.

Type	with 1 comb. grinding wheels	
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

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
Bore Ø	mm	16	20
O1698M	Each	38,30	60,00

Product description as Art. O1698M

Medium grit.

Ø for thickness	mm	150x20	200x25
Bore 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
Bore Ø	mm	16	20
O1698S	Each	38,30	60,00

Grinders/sanders+vacuum cleaners are available on request.

STANDS FOR GRINDERS

Prod. SCU

For grinders Art. 1692 L - 1693 F. Dimensions base/height 370x360/790h mm ca. Weight 26Kg.

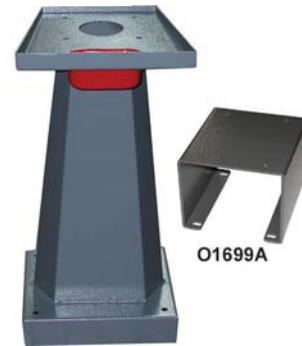
1699	Each	277,00
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With adaptor Art. O1699 A, the stand may be used also with grinders Art. 1692 A - 1692 E - 1693 E

Column adaptor Art. 1699 with grinders Art. 1692 A - 1692 E - 1693 E. Height 130mm.

O1699A	Each	29,30
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SCU **CE** **1699**



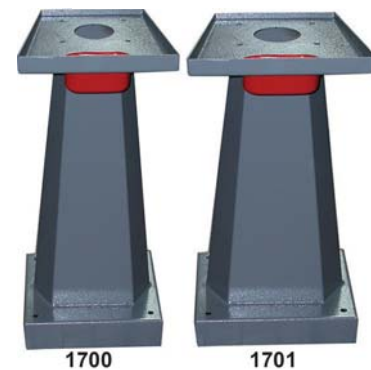
For grinders Art. 1694 A - 1697 A. Dimensions base/height 400x370/760h mm ca. Weight 26Kg.

1700	Each	277,00
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For grinders Art. 1696 A - 1698 A. Dimensions base/height 400x370/760h mm ca. Weight 33Kg.

1701	Each	347,00
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SCU **CE** **1700**
1701



7

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
Pass depth up to	mm	15
Absorbed power	W	900
No-load speed	rev/min	16000
Weight	Kg	3,7

1701GA	Each	384,00
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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	Per 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.

Operating plate	mm	185x92
Abrasive sheet dimensions	mm	230x93
Idle oscillations/minute		13000
Absorbed power	W	240
Weight	Kg	1,9

1702GA	Each	124,00
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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	Per pack	8,32
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Product running out of stock

Sanding sheets Size 120. Packing unit: 10pcs, not sold separately. For Art. 1702 GA.

O1702GB 120	Per pack	7,76
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Product running out of stock

Sanding sheets Size 180. Packing unit: 10 pcs, not sold separately. For Art. 1702 GA.

O1702GB 180	Per pack	7,76
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Product running out of stock
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.

Intergated aspiration.

With 3 sanding and velcroed disks and 8 holes.

Abrasive sheet Ø	mm	125
No. of idle revolutions/inute		13000
Absorbed power	W	430
Weight	Kg	2,3

1702GE	Each	138,00
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Lambskin cap, for Art. 1702 GE.

O1702GH 1	Each	14,70
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Sponge buffers, for Art. 1702 GE.

O1702GH 2	Each	15,70
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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	191,00
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Sanding belts Size 60. Packing unit: 3pcs, not sold separately. For Art. 1702 GL.

O1702GM 60	Per pack	9,02
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Sanding belts Size 80. Packing unit: 3pcs, not sold separately. For Art. 1702 GL.

O1702GM 80	Per pack	8,60
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Sanding belts Size 150. Packing unit: 3pcs, not sold separately. For Art. 1702 GL.

O1702GM 150	Per pack	8,60
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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 per minute		800 - 3000
Weight	Kg	1,4

1703G	Each	113,00
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For spare blades see Art. 1707 GR to 1708 GV 12

SCU

1703G



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. Lamp to illuminate the cut.

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	100/20/8
Absorbed power	W	710
No. of strokes per minute		0-3000
Weight	Kg	2,3

1704G	Each	173,00
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For spare blades see Art. 1707 GR to 1708 GV 12

SCU

1704G



BLADES FOR ELECTRIC SAWS

from **SCU**
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 and wood, wood with nails, iron, kitchen panels etc.
Toothing execution	milled and straight-set
Teeth pitch	mm variable 1,8 to 2,5
Useful length	mm 110
Corresponding to model	Universal
1705G	Per pack 13,60

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 and soft woods, plywoods and plastics	For hard and soft woods, plywoods and plastics	For hard and softwoods and chipboards	For hard, soft and laminated woods and reinforced plastics	For hard, soft and laminated woods and reinforced plastics to 50mm	For hard and softwoods and plastics
Toothing execution	straight-set and sharpened conic	straight-set and sharpened conic	straight-set and sharpened	straight-set and sharpened conic	sharpened conic	milled and 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
Per pack	6,44	6,44	4,82	5,88	6,02	4,44

In HSS steel.
Suitable for Black & Decker.
Packing unit: 5 pcs, not sold separately.

Art.	1705GC 9	1705GF	1705GF 1
Application:	For tinplates with thickness from mm 0,9 to 1,2, iron, soft metals and aluminium	For tinplates with thickness from mm 1,5 to 3, iron, soft metals and aluminium	For tinplates with thickness from mm 3 to 6, iron, soft metals and aluminium
Toothing execution	milled and straight-set	milled and straight-set	milled and straight-set
Teeth pitch	mm 0,9	1,2	2
Useful length	mm 50	50	50
Corresponding to model	B + D A5040-A2227	B + D A5039-A2224	B + D A5034-A2226
Per pack	6,72	6,72	6,72

In CHROME-VANADIUM steel.
Suitable for Black & Decker.
Packing unit: 5 pcs, not sold separately.

Art.	1705GL
Application:	To silhouet hard and soft woods, chipwoods, plastics and plexiglas
Toothing execution	milled and straight-set
Teeth pitch	mm 2
Useful length	mm 50
Corresponding to model	B + D A5033-A2203
1705GL	Per pack 4,70

from **SCU**
1705GM
to
1705GT



In CHROME-VANADIUM steel.
Suitable for MAKITA model.
Packing unit: 5 pcs, not sold separately.

Art.	1705GM	1705GM 1	1705GP	1705GR
Application:	To silhouet hard and soft woods, plastics and plexiglas	For hard, soft and laminated woods and reinforced plastics	For hard and soft woods and chipboards	For hard and soft woods and plastics
Toothing execution	milled and straight-set	straight-set and sharpened conic	straight-set and sharpened	straight-set
Teeth pitch	mm 2	2,5	4	3
Useful length	mm 55	75	75	75
Corresponding to model	MAKITA 16	MAKITA 42	MAKITA 5	MAKITA 3
Per pack	5,44	6,70	5,62	4,76

In HSS steel.
Suitable for MAKITA model.
Packing unit: 5 pcs, not sold separately.

Art.	1705GR 9	1705GS	1705GT
Application:	For tinplates with thickness from mm 0,9 to 1,2, iron, soft metals and aluminium	For tinplates with thickness from mm 1,5 to 3, iron, soft metals and aluminium	For tinplates with thickness from mm 3 to 6, iron, soft metals and aluminium
Toothing execution	milled and straight-set	milled and straight-set	milled and 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
Per pack	6,78	6,78	6,78

Suitable 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 and soft woods, woods with nails, iron, inox, kitchen panels etc..	For hard, soft and laminated woods and reinforced plastics	For hard and soft woods and plywoods	To silhouet hard and soft woods, panforti, plastics and plexiglas to 20mm
Toothing execution	milled and straight-set	straight-set and sharpened conic	straight-set and sharpened conic	straight-set extra-thin
Teeth pitch	mm variable 1,8 to 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 119B-Elu 142301204-Holz-Her 612383-Metabo 23646
Steel	bimetallic	bimetallic	chrome-vanadium	chrome-vanadium
Per pack	13,60	12,60	6,44	4,70
Art.	1708G 7	1708G 9	1708GA	1708GA 4
Application:	For straight cut of soft and hard woods, panforti and plastics until mm 60	For soft and hard woods, panforti and plastics until mm 75	For hard and soft woods and plastics	For very fast cuts of hard and soft woods, plywoods, laminated and plastic to 60mm. Winner of many comparing tests.
Toothing execution	sharpened conic	sharpened conic	straight-set and sharpened	straight-set and 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
Per pack	7,30	7,22	4,44	6,96
Art.	1708GA 8	1708GB	1708GB 1	1708GB 3
Application:	For net cuts without burring of hard and soft woods, plywoods and panforti to 60mm	For soft and hard woods, plywoods, panforti and plastics until mm 30	For clean cuts without chipping of hard and soft woods, plywood, panforti, particle board, laminates and plastics up to 30 mm	For soft and hard woods, plywoods, panforti and plastics until mm 30, special type with teeth on the back side for an easy curved cuts
Toothing execution	straight-set and sharpened conic	straight-set and sharpened conic	straight-set and sharpened conic	straight-set and 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 142301201-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
Per pack	6,96	6,46	6,70	8,08
Art.	1708GC	1708GC 5	1708GD	1708GE
Application:	For soft and hard woods, stratified until mm 60	For contouring hard and soft woods, plywood and plastics up to 20 mm	For soft and hard woods and plastics, special type for curved cuts	For brass, aluminium and plastics
Toothing execution	straight-set and sharpened	Rectified and tip sharpened	straight-set and 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
Per pack	5,14	6,60	5,96	6,72
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 and synthetic materials and aluminium
Toothing execution	ondulated	ondulated	ondulated	straight-set and 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
Per pack	6,72	8,06	6,72	8,60
Art.	1708GL 9	1708GM	1708GO	1708GP
Application:	For aluminium, not ferrous materials, plastic and synthetic materials	For finishing cuts of compress woods, soft metals, aluminium, plexiglas etc..	To silhouet soft metals, aluminium, fibreglass until mm 20	For soft metals, steels, aluminium and not ferrous materials until mm 3
Toothing execution	straight-set and sharpened	straight-set	straight-set	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
Per pack	10,90	12,10	10,20	7,96



Prices in EURO - VAT not included

Art.	1708GP 5	1708GR	1708GR 5	1708GS
Application:	For soft metals, steels, aluminium and not ferrous materials until mm 3	For soft metals, aluminium, INOX and not ferrous materials until mm 6	For soft metals, aluminium, INOX and not ferrous materials until mm 12 and woods with and 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
Per pack	9,22	7,96	9,22	10,40

Art.	1708GT	1708GV	1708GV 9	1708GV 11
Application:	For soft metals, aluminium, composite plywoods and plastics til mm 8	For fiberglass, hard plastics,ceramics, glass and bricks	For fine cuts of fibreglass,hard plastics, ceramics,glass, bricks	For reinforced fiberglass, pasterboard, asbestos cement panel to 60mm and for abrasive materials.
Toothing execution	ondulated	rough	fine	straight-set
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
Per pack	10,40	4,24	4,24	16,60

Art.	1708GV 12
Application:	For reinforced fiberglass, pasterboard, asbestos cement panel to 95mm and for abrasive materials.
Toothing execution	straight-set
Teeth pitch mm	4,2
Useful length mm	110
Corresponding to model	Bosch T 341HM
Steel	hard metal
Per pack	24,90

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 *new*



1709GF *new*



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.	1709GE	1709GF
Application:	For hard and soft woods, plywood, panforti and plastics up to 30 mm	For clean cuts without burrs of hard and soft woods, plywood, chipboard up to 60 mm
Toothing execution	straight-set and sharpened conic	straight-set and sharpened conic
Teeth pitch mm	2,5	2
Useful length mm	75	75
Steel	chrome-vanadium	chrome-vanadium
Per pack	3,90	4,52

Prices in EURO - VAT not included

BLADES FOR ELECTRIC PAD SAWS

Prod. SCU-Orig. MPS

Pad saw blades for models AEG - BOSCH - B + D - METABO - LENOX - HITACHI - SKIL - MILWAUKEE - FLEX - MAKITA.

Packing unit: 5 pcs, not sold separately (Packing unit for Art. 1710G 14 and 16: 2 pcs, not sold separately).



from **1710G 7**



to **1710G 42**

Art.	1710G 7	1710G 8	1710G 9	1710G 10	1710G 12	1710G 16
Application:	For all kind of woods and plasterboards	For all kind of woods, plywoods and aluminium	For quick cuts and silhouet of hard and soft woods and hard plastics	For woods and plastics	For quick cuts in both directions of woods, plastics and plasterboards	For synthetic and abrasive materials, fibreglass, reinforced plastics. For aerated concrete, bricks, concrete, synthetic materials.
Toothing execution	straight-set	straight-set	straight-set	straight-set	straight-set	-
Teeth pitch	mm 6,3	2,5	4,2	4,2	4,2	8,5
Useful length	mm 130	130	130	280	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	AEG 318-131-Bosch S 828 D-B + D 40127-Metabo 31136	Bosch 1241 HM
Steel	chrome-vanadium	chrome-vanadium	chrome-vanadium	chrome-vanadium	chrome-vanadium	hard metal
Per pack	10,70	11,10	12,50	16,20	14,90	52,50

Art.	1710G 20	1710G 22	1710G 24	1710G 26	1710G 28	1710G 30
Application:	For tinplates from 1,5 to 3 mm of iron,metals, trimmed and pipes until mm 12	For tinplates from 1,5 to 3 mm of iron,metals, trimmed and pipes until mm 12	For tinplates from 1,5 to 3 mm of iron,metals, trimmed and pipes until mm 12	For tinplates until mm 1 of iron, metals,subtile trimmed and pipes of small thickness	For tinplates until from 1 to 1,5 of iron, metals,subtile trimmed and pipes of small thickness	For tinplates until from 1 to 1,5 of iron, metals,subtile trimmed and pipes of small thickness
Toothing execution	milled and straight-set	milled and straight-set	milled and straight-set	milled and straight-set	milled and straight-set	milled and straight-set
Teeth pitch	mm 1,4	1,4	1,4	0,8	1	1
Useful length	mm 80	130	210	80	80	130
Corresponding to model	Bosch S522 EF- B + D 40115 - Metabo 31128	AEG 318-129-Bosch S922EF- B + D 40116 - Metabo 31132	Bosch S1122EF-Metabo 31133	Bosch S522GF- B + D 40118	Bosch S522AF	AEG 318-128-Bosch S922AF-B + D 40125-Metabo 31129
Steel	bimetallic	bimetallic	bimetallic	bimetallic	bimetallic	bimetallic
Per pack	12,60	15,20	22,30	12,60	12,60	15,20

Art.	1710G 34	1710G 36	1710G 38	1710G 40	1710G 42
Application:	For materials with thickness from mm 2 to 8 of iron, metals,soft metals, aluminium,trimmed and pipes	For materials with thickness from mm 2 to 8 of iron, metals,soft metals, aluminium,trimmed and pipes	For all kind of woods, even with nails, metals, soft metals, tinplates, aluminium, trimmed and pipes	For all kind of woods, even with nails, metals, soft metals, tinplates, aluminium, trimmed and pipes	Universal use, iron, metals, woods (even with nails) and plastic.
Toothing execution	milled and straight-set	milled and straight-set	milled and straight-set	milled and straight-set	milled and straight-set
Teeth pitch	mm 1,8	1,8	2,5	2,5	variable 1,8 to 2,5
Useful length	mm 130	210	130	280	130
Corresponding to model	AEG 318-130-Bosch S922BF-B + D 40113-Metabo 31134	Bosch S1122BF-Metabo 31135	Bosch S922HF-Metabo 31131	Bosch S1211H-Metabo 31125	Bosc S922VF
Steel	bimetallic	bimetallic	bimetallic	bimetallic	bimetallic
Per pack	15,20	22,30	15,20	27,10	15,50

Art. 1710G 16 running out of stock

BLADES FOR PORTABLE ELECTRIC AND PNEUMATIC SAWS

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.



1711G
new

Type	12A	12B	12C	12E	12F	16A	16B	16C
Overall length	mm 300	300	300	300	300	400	400	400
Width	mm 25	25	28	28	28	28	28	28
Thickness	mm 1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Teeth per inch	Nr 14	16	8	14	16	8	14	16
1711G	Each 9,64	9,64	10,80	10,80	10,80	15,40	15,40	15,40
Type	20A	20B	21A	21B	21C	21E	24A	24B
Overall length	mm 500	500	530	530	530	530	600	600
Width	mm 30	30	30	30	30	30	30	30
Thickness	mm 1,5	1,5	1,5	1,5	2	2	2	2
Teeth per inch	Nr 8	14	8	14	8	14	8	14
1711G	Each 19,30	19,30	20,40	20,40	27,80	27,80	31,30	31,30



HSS-Co

Prices in EURO - VAT not included

PORTABLE ELECTRIC SAWS
1712GA SCU

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	Strikes/min	800-2700
Stroke length	mm	28
Weight	Kg	3,7

1712GA	Each	243,00
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For spare pad saw blades see Art. 1710 G.

1712GC SCU

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	2,4

1712GC	Each	138,00
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For spare blades see Art. 4840 Gx130 A-B.

1712GE SCU


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	3,9

1712GE	Each	279,00
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For spare blades see Art. 4840 Gx184 A-B.

CUT-OFF MACHINES
1712GL SCU

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	415,00
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For spare sanding disks see Art. 7145 G 355mm.

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	1.210,00

Spare blades for saws Art. 1712 GP.

O1712GP	Each	273,00
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SCU



1712GP



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	336,00

SCU



1712GPA

example

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	101,00
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SCU



1712GPB

ELECTRIC BAND SAW MACHINES

Prod. SCU

Multi-purpose portable belt saw, dry operated or with spray lubricants.

For 90°/45° cutouts, profiles and pipes. Very powerful induction motor, double safety insulation, radio/TV interference shielding device, V 220-240/50-60 Hz monophase motor (with commutator).

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 mm640x300x400h.

Motor power	W	1010
Speed	m/min	30 to 80
Cutting capacity 90°/45°	mm	100/70
Weight	Kg	21
1712R	Each	771,00

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	Nr	8/12 (variables)
O1712R	Each	30,30

SCU



1712R



MIXERS

1712T



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	208,00
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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

O1712T 1	Each	50,70
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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

O1712T 2	Each	60,30
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AIR IMPACT WRENCHES

1712ZG




3/8"


Prod. Pneutec - Art. UT 8020 B

Straight type.

High torque/air consumption performance. Supplied with power regulator. Right - left directional changes. Very handy type due to light alloy casing and reduced dimensions. Protective front rubber cap.

Drive for bushes	inch	3/8
Max working torque	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	187,00
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Operating pressure: Atm 6,3

1713GA




3/8"


Prod. Pneutec - Art. UT 8022

Pistol model.

For high-performance regarding torque/air consumption ratio.

Comes with additional handle.

With 3 adjustable screw strengths. Switch for left and right rotation.

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
Max working torque	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	187,00
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Operating pressure Atm 6,3.

Prod. Pneutec - Art. UT 8110/ 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
Max working torque	Nm	420/695
For bolts up to	M.	14
Air consumption	l/sec	2
No-load speed	rev/min	9000
Length	mm	109
Noise level	dB	95
Vibrations	m/s ²	2,5
Air drive	inch	1/4
Weight	Kg	1,3

1714GB Each **375,00**



1714GB



Operating pressure Atm 6,3.

When the stocks of mod. UT 8110 will be run out, it will be supplied the mod. UT 8182 with torque max. 850 nm.

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 Per series **50,90**



1714GBE

new



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.

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
Max working torque	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 **187,00**



1714GCA

new



Operating pressure: Atm 6,3.

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. 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
Max working torque	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 **226,00**



1714GE



Operating pressure: Atm 6,3.

1714GL **PNEUTEC**
 DRUCKLUFTWERKZEUGE


1/2"


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 long
Max working torque	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.**
1714GM **PNEUTEC**
 DRUCKLUFTWERKZEUGE


1/2"


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
Max working torque	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	225,00
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Operating pressure **Atm 6,3.**
1714GPA **PNEUTEC**
 DRUCKLUFTWERKZEUGE


1/2"


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. Extremely high comfort thanks to the handle coated with bi-component material. Air exhaust through the handle, downwards.

Drive for bushes	inch	1/2
Max working torque	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	375,00
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Operating pressure: **Atm 6,3.**
1714GR **PNEUTEC**
 DRUCKLUFTWERKZEUGE


1/2"


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
Max working torque	Nm	830/950
For bolts up to	M.	24
Air consumption	l/sec	1,9
No-load speed	rev/min	7000
Length	mm	190
Noise level	dB	83,0
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1,8

1714GR	Each	450,00
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Operating pressure: **Atm 6,3.**

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 usable WITH ONE HAND. 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
Max working torque	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 **469,00**

Operating pressure Atm 6,3.



1714GRE



1/2"



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. High manoeuvrability and comfort, body made of composite material, very sturdy and lightweight. Air can be extracted from the handle, downward motion.

Art.		1714GRL	1714GRM	1714GRP
Drive for bushes	inch	3/8	1/2	1/2
Max working torque	Nm	338/407	338/407	746/1054
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	327,00	332,00	353,00

Operating pressure Atm 6,3.



1714GRL
1714GRM
1714GRP



3/8"

1/2"



7

SET OF AIR IMPACT WRENCHES

Prod. Pneutec - Art. UT 8145 RES

Professional high performance model for heavy-duty applications. Practical tool kit supplied in case.

Each set contains:

1 x air impact wrench Art. 1714 GE

5 x 14 - 16 - 17 - 19 - 22mm hexagonal sockets for above mentioned.

1714GT Each **292,00**



1714GT



1/2"



AIR IMPACT WRENCHES

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
Max working torque	Nm	1350
For bolts up to	M.	38
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 **526,00**

Operating pressure: Atm 6,3.



1715GC



3/4"



1715GE 


3/4"


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 lungo
Max working torque	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
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Operating pressure: **Atm 6,3.**

1715GP 


Auxiliary
handle

1"


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
Max working torque	Nm	1200/2600
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	846,00
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Operating pressure: **6,3 Atm.**

On request available with prolonged pin.

1715GSA 


Auxiliary
handle

1"


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
Max working torque	Nm	1900/2500
For bolts up to	M.	48
Air consumption	l/sec	11
No-load speed	rev/min	3900
Length	mm	293
Noise level	dB	96,2
Vibrations	m/s ²	6,3
Air drive	inch	1/2
Weight	Kg	11,4

1715GSA	Each	1.140,00
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Operating pressure: **Atm 6,3.**

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
Max working torque	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.

1715GT

AIR RATCHES
Prod. Pneutec - Art. UT 8001 A

Professional type.
 High performance model for continuous screwing operation
 With lever change for clockwise and counter-clockwise 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	187,00
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Operating pressure: Atm 6,3.

1716GA

Prod. Pneutec - Art. UT 8000 AG

Product description as Art. 1716GA
 Low noise level.
 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	236,00
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Operating pressure: Atm 6,3.

1716GA 2

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	187,00
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Operating pressure: Atm 6,3.

1716GA 3


1716GA 8 

Prod. Pneutec - Art. UT 8000 BG

Product description as Art. 1716GA

Low noise level.

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 **236,00**

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 **206,00**

Operating pressure: Atm 6,3.

1716GC 

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 **292,00**

Operating pressure: Atm 6,3.

1716GDA 

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 **281,00**

Operating pressure: Atm 6,3.

Prod. Pneutec - Art. UT 8018

Professional type.

Very high performance model for continuous screwing operation. With lever change for clockwise and counter clockwise 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 **450,00**

Operating pressure: Atm 6,3.

PNEUTEC
DRUCKLUFTWERKZEUGE

1716GE



AIR DRILLS

Prod. Pneutec - Art. UT 8831

Pistol grip handle.

Made of composite material and bi-component handle. Air discharge in the handle bottom end.

Standard type with left-right rotation for light-duty works, three-jaw chuck shank 3/8"x 24 threads (Art. 1495 G 10).

Chuck opening and bores steel	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 **206,00**

Operating pressure Atm 6,3.

A drill with the same performance levels but with a quick opening spindle.

PNEUTEC
DRUCKLUFTWERKZEUGE

1717GE



Prod. Pneutec - Art. UT 8844 RE

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 steel	mm	10
Air consumption	l/sec	7
No-load speed	rev/min	2000
Length	mm	160
Noise level	dB	96
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1,8

1717GL Each **243,00**

Operating pressure: Atm 6,3.

PNEUTEC
DRUCKLUFTWERKZEUGE

1717GL



Prod. Pneutec - Art. UT 8855 RE

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 steel	mm	13
Air consumption	l/sec	7
No-load speed	rev/min	450
Length	mm	184
Noise level	dB	84
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1,4

1718GB Each **281,00**

Operating pressure: Atm 6,3.

PNEUTEC
DRUCKLUFTWERKZEUGE

1718GB



1718GC 

Prod. Pneutec - Art. UT 8807 C

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 steel	mm	10
Air consumption	l/sec	1,8
No-load speed	rev/min	1800
Length	mm	190
Noise level	dB	85
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	1,1

1718GC Each **262,00**

Operating pressure: **Atm 6,3.**

AIR SHEARING MACHINES
1718GD 

Prod. Pneutec - Art. UT 8901

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	1,5
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 **225,00**

Operating pressure **Atm 6,3.**

AIR SAWING MACHINES
1718GP 

Prod. Pneutec - Art. UT 8922 / 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 1 blade.

For cutting sheets with thickness up to	mm	1,2
Minimum bending radius	mm	16
No. of excursions per minute		10000
Blade excursions	mm	10
Air consumption	l/sec	6
Noise level	dB	72
Vibrations	m/s ²	26
Air drive	inch	1/4
Weight	Kg	1

1718GP Each **300,00**

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 **4,90**

Spare blades for cutting of iron and aluminium thickness=5mm. For Art. 1718 GP.

O1718GS Each **4,90**

Spare blades for cutting of wood up to thickness=40mm. For Art. 1718 GP.

O1718GT Each **4,90**

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.

Transparent start lever for the safety and protection of the grinder. Comes with 1 cutting disc.

For cutting wheels	mm	76x2x10
Working torque	Nm	0,3
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 **168,00**

Operating pressure Atm 6,3.

Spare cutting discs Ø 76 mm, 2 mm thick, 10 mm hole.

For Art. 1718 GR.

O1718GRA Each **18,70**



1718GR



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	8
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 **311,00**

Operating pressure: Atm 6,3



1718GT



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 0.2. 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	79
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,6

1718GZ Each **149,00**

Operating pressure Atm 6,3.

For spare pliers see Art. O1719 G.



1718GZ



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 **149,00**

Operating pressure Atm 6,3.

Spare collets Ø 6mm, for Art. 1718 GZ and 1719 G.

O1719G Each **36,80**



1719G



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.

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	8
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 **217,00**
For tools with shank Ø mm 3 - see Art. 8148 A - G. Operating pressure: Atm 6,3

Spare collets Ø 6mm, for Art. 1719 G/2.

O1719G 2 Each **33,10**
1719GC **PNEUTEC**
 DRUCKLUFTWERKZEUGE

Prod. Pneutec - Art. UT8710 D

Stylus type, professional use.

High-frequency rotation with limited rpm reduction, even under strong pressure.

Particularly handy for use of light alloys. Collet chuck.

6 bar power: KW 0.2. Starter with safety lever.

For tools with shaft Ø	mm	6
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 **198,00**
Operating pressure: Atm 6,3.

Spare collets Ø 6mm, for Art. 1719 GC.

O1719GC 1 Each **47,60**

Additional collets Ø 3mm, for Art. 1719 GC.

O1719GC 2 Each **36,10**
1719GF **PNEUTEC**
 DRUCKLUFTWERKZEUGE

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.

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 **300,00**
Operating pressure: Atm 6,3

Spare collets Ø 3mm, for Art. 1719 GF.

O1719GF Each **23,90**

AIR ROTARY DIE GRINDERS
Prod. Pneutec - Art. UT 5715

Corner model.

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. 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	79
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,5

1719GP	Each	187,00
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Operating pressure Atm 6,3.
For spare pliers see Art. O1719 GS.
1719GP

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. Starter with safety lever.

For tools with shaft Ø	mm	6
Air consumption	l/sec	8
No-load speed	rev/min	22000
Length	mm	165
Noise level	dB	77
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,6

1719GS	Each	225,00
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Operating pressure: Atm 6,3.

Spare collets Ø 6mm. For Art. 1719 GP and 1719 GS.

O1719GS	Each	33,10
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1719GS

Prod. Pneutec - Art. UT 8713

Angular type.

Restricted size, industrial type, ideal when working in confined spaces. Extremely high frequency rotation with low rev 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	262,00
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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.

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	469,00
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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


1720GB **PNEUTEC**
 DRUCKLUFTWERKZEUGE

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.

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	601,00
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For spare grinding wheels and sanding disks hole 22mm, see SONNENFLEX program.
 Operating pressure: Atm 6,3.

ANGULAR AIR POLISHERS
1724G **PNEUTEC**
 DRUCKLUFTWERKZEUGE

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

Sponge polishing buffer Ø 160mm, for Art. 1724 G.

O1724GB	Each	39,40
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Product running out of stock
AIR BELT SANDERS
1725G **PNEUTEC**
 DRUCKLUFTWERKZEUGE

Prod. Pneutec - Art. UT 8765 A

For dry smoothing metals, wood, plastic, etc. in difficult to access areas.

360° rotating arm with lock for easy and safe belt changing. Pistol grip handle. Particularly handy for use of light alloys.

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	526,00
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Operating pressure: Atm 6,3.
When the stocks will be run out, the sander will be provided with start lever with safety.

Sanding belts Size 60, for Art. 1725 G.

O1725GA	Each	4,50
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Spare sanding belts Size 80, for Art. 1725 G.

O1725GB	Each	4,50
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Spare sanding belts Size 100, for Art. 1725 G.

O1725GC	Each	4,50
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ASSORTMENT OF AIR CHIPPING HAMMERS

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 **206,00**

For chisels see from Art. 2948 GA to M. Operating pressure: Atm 6,3



1727G



AIR CHIPPING HAMMERS

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 **161,00**

For chisels see from Art. 2948 GA to M. Operating pressure: Atm 6,3.



1727GM



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 **752,00**

For chisels see from Art. 2948 GP to Z. Operating pressure: Atm 6,3.



1727GP



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 **443,00**

Operating pressure: Atm 6,3.

Set of spare needles for Art. 1728 G (12 pcs).
Cylindrical shape with chisel-shaped end.

O1728G Per series **20,20**

Product description as Art. O1728G
Cylindrical shape with pointed end.

O1728G 1 Per series **20,20**



1728G



1728GE 
**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	518,00
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Operating pressure: Atm 6,3.

Set of spare needles for Art. 1728 GE (19 pcs.).

Cylindric shape with chisel fitting

O1728GE	Per series	31,90
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Product description as Art. O1728GE

Cylindrical shape with pointed end.

O1728GE 1	Per series	31,90
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1728GL 
**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	342
Noise level	dB	101,5
Vibrations	m/s ²	19,2
Air drive	inch	3/8
Weight	Kg	3,7

1728GL	Each	556,00
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Operating pressure: Atm 6,3.

Set of spare needles for Art. 1728 GL (28 pcs.).

Cylindric shape with chisel fitting

O1728GL	Per series	47,10
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Product description as Art. O1728GL

Cylindrical shape with pointed end.

O1728GL 1	Per series	47,10
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Supplied on request, set of cylindrical needles with flat terminals for descalers Art. 1728 G - 1728 GE - 1728 GL.

AIR HAMMERS
1728GT 
**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	319,00
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Operating pressure Atm 6,3.

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	281,00
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Operating pressure Atm 6,3.



1728GV



AIR SCREW DRIVERS

Prod. Pneutec - Art. UT 8955 A

Straight type with torque control.
Adjustable clutch. Reversible operation. 1/4" hex inserts drive. Light alloy construction with steel working parts. Lightweighted 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	83,3
Vibrations	m/s ²	11,8
Air drive	inch	1/4
Weight	Kg	1

1729G 2	Each	255,00
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For inserts see Art. 1994 GH to Z. Operating pressure: Atm 6,3.



1729G 2



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 to 6
Air consumption	l/sec	1
No-load speed	rev/min	1700
Noise level	dB	77
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,8

1729G 2E	Each	356,00
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For inserts see Art. 1994 GH to Z. Operating pressure: Atm 6,3.



1729G 2E



Prod. Pneutec - Art. UT 5935

Pistol-grip type.
Reversible operation. 1/4" hex inserts drive. Light alloy construction with steel working parts. Lightweighted 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	1,2

1729G 2L	Each	236,00
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For inserts see Art. 1994 GH to Z. Operating pressure: Atm 6,3.



1729G 2L



1729G 3
PNEUTEC
 DRUCKLUFTWERKZEUGE

1/4"

**Prod. Pneutec - Art. UT 5964**

Pistol grip with torque control. Adjustable clutch. 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	87,1
Vibrations	m/s ²	3,7
Air drive	inch	1/4
Weight	Kg	1,6

1729G 3	Each	262,00
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For inserts see Art. 1994 GH to Z. Operating pressure: Atm 6,3.

1729G 3F
PNEUTEC
 DRUCKLUFTWERKZEUGE

1/4"

**Prod. Pneutec - Art. UT 8963**

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 to 9
Air consumption	l/sec	1
No-load speed	rev/min	750
Noise level	dB	76
Vibrations	m/s ²	< 2,5
Air drive	inch	1/4
Weight	Kg	0,9

1729G 3F	Each	450,00
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For inserts see Art. 1994 GH to Z. Operating pressure: Atm 6,3.

OILS FOR AIR TOOLS**1730G****ewo****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	16,90
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Viscosity category VG 32 - ISO 3448 (Viscosity 40°C - 32 mm²/s).**COMPRESSED AIR HOSES****1732****SCU****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	9,70	13,10	16,40	23,40

For connections, couplings and nipples see Art. 3477 E to 3485 GC.

1732A**SCU**

Product description as Art. 1732

Ø 10x8mm.

Overall length	m	7.5	10	15
1732A	Each	16,70	21,20	30,30

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	6,82	10,30	13,70	20,50

1733 1**SCU**

Product description as Art. 1733

Ø 10x8mm.

Overall length	m	7.5	10	15
1733 1	Each	13,70	18,20	27,30

COMPRESSED AIR ACCESSORIES FOR HOSES
Prod. SCU

 With bayonet coupling.
 For pipes Ø 8x6mm.

1733A	Each	1,74
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1733A


Product description as Art. 1733A

For pipes Ø 10x8mm.

1733A 1	Each	1,82
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1733A 1


With quick release coupling.

For pipes Ø 8x6mm.

1733B	Each	1,84
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1733B


Product description as Art. 1733B

For pipes Ø 10x86mm.

1733B 1	Each	1,94
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1733B 1

For attacks, fittings, couplings and nipples see from Art. 3477 E to 3478 Z.
COMPRESSED AIR HOSES
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	10x6,5	12x8
1733CA	Each	39,40	47,10


1733CA
new

For connections, couplings and nipples see Art. 3477 E to 3485 GC.

Product description as Art. 1733CA

Max total length 12m

Supplied with male threaded swivel fittings 1/4 ".

Pipe Ø	mm	10x6,5	12x8
1733CB	Each	48,50	57,60


1733CB
new

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. 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	19,70
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1733CL
new

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	24,30
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1733CP
new

For connections, couplings and nipples see Art. 3477 E to 3485 GC.

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 8m

Supplied with female threaded swivel fittings 1/4 ".

Pipe Ø	mm	12x8	15x10
1733CR	Each	70,40	103,00

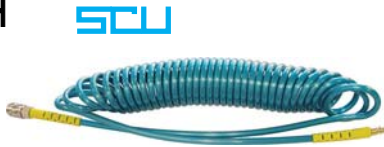

1733CR
new

For connections, couplings and nipples see Art. 3477 E to 3485 GC.

1733E

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	37,90	46,20	80,30

1733H*new*

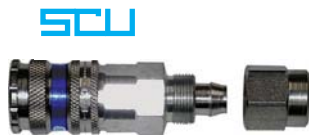
Product description as Art. 1733E

Max total length 4m

Supplied with quick connection and tap compatible with the most popular European couplings.

Pipe Ø	mm	10x6,5	12x8
1733H	Each	40,90	48,50

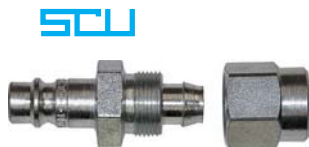
COMPRESSED AIR ACCESSORIES FOR POLYURETHANE HOSES

1733F

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	44,60	45,60	50,10

1733G

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	16,50	19,20	28,30

BALANCERS FOR TOOLS

1733S

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

1733T

Type for optimized weights use. With plastic body. Steel cable, hole and hook. Cable grasp tension adjusting grip knob.

Size		0,5
Balanceable min weight	Kg	0,5
Balanceable max weight	Kg	1,5
Cable length	m	1
1733T	Each	58,10

Product running out of stock



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 aluminium alloy.
 STAINLESS steel cable, hole and snap ring. Cable grasp tension adjusting grip knob.

Size		00	0	1	1A	1P	2	3
Balanceable min weight	Kg	0,2	0,4	1	2	1	2	4
Balanceable max weight	Kg	0,5	1	2	3	2,5	4	6
Cable length	m	1,6	1,6	1,6	1,6	2	2	2
1734	Each	51,20	52,30	56,60	61,10	128,00	144,00	167,00
Size		3A	4	5				
Balanceable min weight	Kg	6	8	10				
Balanceable max weight	Kg	8	10	14				
Cable length	m	2,5	2,5	2,5				
1734	Each	199,00	223,00	252,00				



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
Balanceable min weight	Kg	0,4	0,75	1,2
Balanceable max weight	Kg	0,8	1,5	2,5
1735	Each	177,00	183,00	187,00

On request supplied balancers ATEX certified.



AIR HOSES

Prod. SCU

Type in flexible wire polyurethane, 90 shore.
 Industrial use with any compressor and pneumatic tool.
 100m rolls approx., non-cuttable. Operating pressure: 20bar.
 Int Ø for ext. mm

		6,5x10	8x12	11x16
1736A	Per meter	2,28	3,18	5,22



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: 100m rolls approx Operating pressure: 20bar.
 Int Ø for ext. mm

		6x14	8x17
1736B	Per meter	2,18	3,02



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 approx.	m	200	100	100	100
Operating pressure:	bar	20	20	15	12
1736F	Per meter	1,32	1,70	2,00	1,98



COMPRESSOR HOSE DRUMS
1736G SCU

Prod. SCU

Type with 20m of hose \varnothing 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	69,30
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1737G SCU


also wall hanging

Professional type, wall-fixing and axial connection for easy rolling/unrolling also while working. Supplied with 20m of hose \varnothing 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	107,00
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AUTOMATIC HOSE REELS
1739 SCU


CE

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 \varnothing	mm	8/12
1739	Each	124,00

1740 SCU


CE

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, \varnothing 8/11mm. Provided with air inlet hose fitting, air outlet G. 1/4 M. Weight: 3Kg.

1740	Each	211,00
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1742 SCU


CE

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, \varnothing 8/12mm. Air inlet G 3/8 F, air outlet G. 1/4 M. Weight: 8Kg.

1742	Each	306,00
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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: 8Kg. Without revolving support.

SCU



1744

1744 Each **598,00**

Adjustable support for hose reels Art. 1744.

O1744A Each **49,80**

TOOLMAKERS BRUSHES

Prod. SCU

Corrugated steel wire with a diameter of 0.10 mm. Shank with a diameter of 3.17 mm. Particularly suitable for moulding devices, fine mechanics, etc max. speed of 2,000 rev/min. Disk shaped.

SCU



1798A

Ø	mm	19	25	28	38
1798A	Each	0,82	0,94	0,94	1,14

Corrugated steel wire with a diameter of 0.10 mm. Shank with a diameter of 3.17 mm (only size 5 shank has diameter of 3 mm) Particularly suitable for moulding devices, fine mechanics, etc max. speed of 2,000 rev/min. Pen shaped.

SCU



1798B

Ø	mm	5	6	8
1798B	Each	0,82	0,82	0,82

Corrugated steel wire with a diameter of 0.10 mm. Shank with a diameter of 3 mm. Particularly suitable for moulding devices, fine mechanics, etc max. speed of 2,000 rev/min. Cup shaped.

SCU



1798E

Ø	mm	12
1798E	Each	0,82

STEEL AND BRASS BRUSHES

Prod. SCU

Type with steel hardened and twisted wire Ø 0.40mm, with cylindrical shaft Ø 6mm.

SCU



1800A

Ø	mm	75	100
Thickness	mm	10	12
1800A	Each	13,50	14,10

Wheel brushes in high resistance HSS ondulated steel wire, with cylindrical shaft Ø 6mm.

SCU



1800G

Ø and thickness	mm	30x6	30x10	40x6	40x10	50x6	50x10	60x10
Wires Ø	mm	0,20	0,20	0,20	0,20	0,20	0,20	0,30
1800G	Each	3,74	4,78	4,36	5,18	4,36	5,18	4,98
Ø and thickness	mm	70x10	80x15					
Wires Ø	mm	0,30	0,30					
1800G	Each	5,40	8,30					

HSS

Wheel brushes in STAINLESS steel wire, with cylindrical shaft Ø 6mm.

SCU



1802G

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	5,40	6,44	6,44	6,84	6,84	11,40

INOX

1803G SCU**BRASS**

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	5,82	7,26	7,26	7,08	8,72	14,10

**1804G SCU****HSS**

Narrow brushes in high resistance HSS ondulated steel wire Ø 0.30mm, with cylindrical shaft Ø 6mm,

Ø	mm	11	16	22	28
Overall length	mm	65	70	70	75
1804G	Each	3,32	3,94	5,18	7,88

**1806G SCU****INOX**

Narrow brushes in STAINLESS steel wire Ø 0.30mm with cylindrical shaft Ø 6mm.

Ø	mm	11	16	22	28
Overall length	mm	65	70	70	75
1806G	Each	3,52	4,78	6,22	9,34

**1807G SCU****BRASS**

Narrow brushes in ondulated brass wire Ø 0.30mm, with cylindrical shaft Ø 6mm.

Ø	mm	11	16	22	28
Overall length	mm	65	70	70	75
1807G	Each	3,74	4,56	7,26	10,60

**1808G SCU****HSS**

Mushroom-shaped brushes in high resistance HSS ondulated steel wire Ø 0.30mm, with cylindrical shaft Ø 6mm.

Ext. Ø	mm	50	70
Body Ø	mm	22	28
1808G	Each	8,12	13,70

**1809G SCU****BRASS**

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	9,96	16,40

**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	4,70	6,22



Cap brushes in STAINLESS steel wire Ø 0.30mm, with cylindrical shaft Ø 6mm.

Ext. Ø	mm	50	75
1812G	Each	6,44	9,24

SCU



1812G

INOX



Cap brushes in ondulated brass wire Ø 0.30mm, with cylindrical shaft Ø 6mm.

Ext. Ø	mm	50	75
1813G	Each	6,84	12,20

SCU



1813G

BRASS



STEEL BRUSHES

Prod. SCU

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	9,76	12,80	15,30	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	200x30
Bore Ø	mm	13	16	16	16	16	16	20
1814G	Each	11,40	11,80	17,10	17,40	22,10	30,20	33,00
Ø and thickness	mm	200x50	250x30	250x60	300x45	300x60		
Bore Ø	mm	20	25	25	30	30		
1814G	Each	59,80	65,60	119,00	95,80	128,00		

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	35,20	47,10	53,40	76,80	103,00	148,00

SCU



1816G

INOX



7

1818 SCU


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	56,40	72,10	126,00	140,00

Size mm 300 is running out of stock

1819A SCU


Wheel brushes with steel hardened and twisted wire Ø 0.40mm. With threaded hole M14.

Ø	mm	115
Thickness	mm	11
1819A	Each	19,10

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	20,10	26,80	37,10

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	6,72	7,62	13,50

1819T 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
1819T	Each	11,50	13,10	22,90

Alternatively, it can be supplied in brass-plated steel.

1820GA SCU


Cup brushes in HSS ondulated steel wire Ø 0.30mm. With threaded hole M14.

Ø	mm	65	100	150
1820GA	Each	9,24	26,10	50,10

HSS

Cup brushes in STAINLESS steel ondulated wire Ø 0.30mm. With threaded hole M14.

Ø	mm	65	100	150
1820GE	Each	12,20	32,60	62,80

SCU



1820GE

INOX



Brushes, conic-disc type with brass plated steel (only Ø 150mm in phosphate steel) ondulted wire. With threaded hole M14.

Ø	mm	70	100	120	150
Wires Ø	mm	0,30	0,30	0,40	0,40
1820L	Each	5,50	10,10	14,60	21,40

SCU



1820L



Brushes, conic-disc type with brass plated steel (only Ø 150mm in phosphate steel) ondulted wire. With hole 22.2mm.

Ø	mm	80	100	120	150
Wires Ø	mm	0,30	0,30	0,40	0,40
1820P	Each	8,84	9,08	13,10	19,60

SCU



1820P



Cup brushes with HSS steel twisted wire Ø 0.50mm. With threaded hole M14.

Ø	mm	65	90	120
1822G	Each	13,20	41,40	52,40

SCU



1822G

HSS



Cup brushes with phosphate steel twisted wire, Ø 0.50mm (Ø 75mm with wire Ø 0.40). With threaded hole M14.

Ø	mm	75	100	120
1822L	Each	10,10	24,40	27,50

Alternatively, it can be supplied in brass-plated steel.

SCU



1822L



Cup brushes with phosphate steel twisted wire Ø 0.50mm. With hole 22.2mm.

Ø	mm	80	100	120
1823L	Each	21,10	22,90	26,10

Alternatively, it can be supplied in brass-plated steel.

SCU



1823L



STEEL BRUSHES WITH SYNTHETIC BINDER

1830G

SCU



HSS



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.

Wheel brushes, with cylindrical shaft Ø 6mm. Speed: 15000 r.p.m.

Ø	mm	40	50	60	70
Thickness	mm	6	10	10	10
1830G	Each	11,80	19,30	21,90	21,90

1832G

SCU



HSS



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.

Narrow brushes, with cylindrical shaft Ø 6mm. Speed: 15000 r.p.m.

Ø	mm	22	28
Overall length	mm	70	75
1832G	Each	12,70	15,80

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 Ø 6mm.

Grade 80.

Ø	mm	75	100
Thickness	mm	10	10
1832GA	Each	8,10	9,96

1832GB

SCU



Product description as Art. 1832GA

Wheel brush, with cylinder shaft Ø 6mm.

Grade 150.

Ø	mm	75	100
Thickness	mm	10	10
1832GB	Each	7,26	9,54

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 Ø 6mm.

Grade 80.

Ø	mm	22
1832GC	Each	6,92

1832GD

SCU



Product description as Art. 1832GC

Narrow brush, with cylinder shaft Ø 6mm.

Grade 150.

Ø	mm	22
1832GD	Each	6,92

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 Ø 6mm.

Grade 80.

Ø	mm	50	75
Thickness	mm	6	6
1832GE	Each	6,64	11,20

7

Product description as Art. 1832GE
Cap brush, with cylinder shaft Ø 6mm.
Grade 150.

Ø	mm	50	75
Thickness	mm	6	6
1832GF	Each	6,64	11,20

SCU



1832GF



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.

Wheel brush, with hole.

Grade 80.

Ø and thickness	mm	125x13	150x15	200x15
Bore	mm	16	16	20
Speed revolutions/min.	Nr	8000	6000	4500
1833GA	Each	20,80	29,90	51,10

SCU



125

1833GA
1833GB
1833GC
1833GE

Product description as Art. 1833GA

Wheel brush, with hole.

Grade 120.

Ø and thickness	mm	125x13	150x15	200x15
Bore	mm	16	16	20
Speed revolutions/min.	Nr	8000	6000	4500
1833GB	Each	21,50	31,50	48,30



150

Product description as Art. 1833GA

Wheel brush, with hole.

Grade 180.

Ø and thickness	mm	125x13	150x15	200x15
Bore	mm	16	16	20
Speed revolutions/min.	Nr	8000	6000	4500
1833GC	Each	22,10	29,40	48,30



200

Product description as Art. 1833GA

Wheel brush, with hole.

Grade 320.

Ø and thickness	mm	125x13	150x15	200x15
Bore	mm	16	16	20
Speed revolutions/min.	Nr	8000	6000	4500
1833GE	Each	22,10	28,60	44,30



CLOTH BRUSHES

Prod. SCU

Wheel brushes made from 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	7,72

SCU



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	12,20	22,10	42,90

SCU



1833S

COTTON WHEELS
1833T SCU

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

For electric finishing machines see Art. 1691 GE.
1833V SCU


With connection hole Ø 19.1mm and key slot. Suitable for the most common brands of sanding, polishing and finishing machine. Made of 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.

Ø 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 brands of sanding machine, polishing machine, etc.. Made of wool felt. Suitable to clean and mirror polish metals, copper, brass, aluminium, stainless steel, etc.. To be used in combination with abrasive pastes (Art. 1834 - 1834 A - 1834 B). Speed 12500 rpm.

Ø	mm	100	115
Thickness	mm	12	12
1833Z	Each	14,40	16,70

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.

Ø 115mm.

1833ZE	Each	6,70
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FELT FLAP WHEELS
1833ZF SCU

Prod. SCU

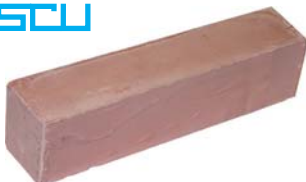
Shank with 6 mm diameter. Wool felt with flexible strips to provide a more convenient working shape and to prevent any overheating.

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.

Ø	mm	30	40	50	60	80
1833ZF	Each	3,80	4,28	4,78	5,32	7,32

GRINDING PASTES
1834 SCU

Prod. SCU

Supplied in blocks, for machining of non-ferrous metals. To be used with cloth, cotton, sisal, felt, nylon and steel wire brushes, disks and wheels.

Brown/pink paste used for roughing and cleaning of non-ferrous metals.

Weight approx.	grams	800
1834	Each	8,28

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.

White paste used to metal roughing and pre-cleaning.

Weight approx.	grams	800
1834A	Each	6,44

SCU



1834A

Product description as Art. 1834A

Light blue paste used to perform metal polishing and brightening.

Weight approx.	grams	800
1834B	Each	8,50

SCU



1834B

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.

Grade 80.

Ø	mm	6	8	10	12	15	20	25
Overall length	mm	125	125	125	125	125	125	125
Useful length	mm	50	50	50	65	65	65	65
Shank Ø	mm	3,5	3,5	3,5	5	5	5	5
1834E	Each	10,80	10,80	10,70	11,10	11,70	16,30	16,30

Ø	mm	30	35	40
Overall length	mm	125	125	125
Useful length	mm	65	65	65
Shank Ø	mm	5	5	5
1834E	Each	16,30	16,30	16,30

SCU



1834E
1834G



Product description as Art. 1834E

Grade 120.

Ø	mm	6	8	10	12	15	20	25
Overall length	mm	125	125	125	125	125	125	125
Useful length	mm	50	50	50	65	65	65	65
Shank Ø	mm	3,5	3,5	3,5	5	5	5	5
1834G	Each	9,64	9,64	10,70	11,10	11,70	16,30	16,30

Ø	mm	30	35	40
Overall length	mm	125	125	125
Useful length	mm	65	65	65
Shank Ø	mm	5	5	5
1834G	Each	16,30	16,30	16,30

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.

Ø	mm	15	20	25	30
Brush length	mm	100	100	100	100
Overall length	mm	300	300	300	300
1834L	Each	8,72	8,50	9,12	9,34

SCU



1834L



HSS

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	2,52	2,52	2,52	2,52	2,52	2,52

In substitution it can be provided in brass-plated steel.

SCU



1834R



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	2,68	2,68	2,68	2,68	2,68	2,68

SCU



1834S



BRASS

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	3,82	3,82	3,82	3,82	3,82

In substitution it can be provided in brass-plated steel.

SCU



1834T



1834V



BRASS

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	3,82	3,82	3,82	3,82	3,82

1835



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
1835	Each	4,58	4,58	4,58	4,58	4,58	4,58	4,58
Ø	mm	55	60	65	70	75	80	90
1835	Each	4,58	4,58	4,58	4,58	4,58	4,58	5,18
Ø	mm	100	120	140	150			
1835	Each	5,18	5,94	6,40	7,02			

1835B



Rigid handle M6, length: 1000mm. For Art. 1834 T.

1835B	Each	5,50
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1835E



Rigid handle M12, length: 1000mm. For Art. 1835.

1835E	Each	6,32
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1835F



Flexible handle M12, length: 1000mm. For Art. 1835.

1835F	Each	11,50
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1835H



Flexible handle M12, length: 1000mm. For Art. 1835.

1835H	Each	15,90
--------------	-------------	--------------

1836G



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	15,20	16,80	13,20	15,10	15,10	15,10	15,20
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	15,20	15,90	15,90	17,10	17,10	17,10	15,20

ABRASIVE NYLON INTERIOR BRUSHES

1837G



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	17,10	18,20	19,70	21,70	41,10	49,50

FLUE BRUSHES HANDLES

1839G



Prod. SCU

Flexible handles 3/8 inch, length: 1000mm. For Art. 1836 G 20 - 25.

1839G	Each	15,90
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1840G



Flexible handles 1/2 inch, length: 1000mm. For Art. 1836 G 32 to 101 and Art. 1837 G (all dimensions).

1840G	Each	15,90
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1840GP



Flexible extensions, length: 1000mm. For handles 3/8 inch. For Art. 1839 G.

1840GP	Each	27,10
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1841G



Flexible extensions, length: 1000mm. For handles 1/2 inch. For Art. 1840 G.

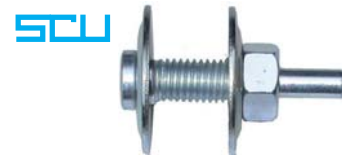
1841G	Each	27,10
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BRUSH AND GRINDING WHEELS SHAFT

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	5,38	5,74



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
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1842A

Product running out of stock

INDUSTRIAL BRUSHES

Prod. SCU

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	4,58
--------------	-------------	-------------

Wooden handles with diameter of 23 mm.

Total length 1,300 m

Suitable for brushes in accordance with Art. 1842 P.

O1842P	Each	3,42
---------------	-------------	-------------



1842P

PVC WIRE BRUSHES

Prod. SCU

Model with plastic handle.

In feathered PVC wire - Overall length: approx. 245mm

1843P	Each	6,36
--------------	-------------	-------------



1843P

Product description as Art. 1843P

With rigid PVC wire. Overall length: approx. 260mm

1843R	Each	5,52
--------------	-------------	-------------



1843R

HORSEHAIR BRUSHES

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	7,02
--------------	-------------	-------------

Product description as Art. 1843S

5 rows. Size of brush with handle approx. 500x35mm.

1843T	Each	14,10
--------------	-------------	--------------



1843S

1843T

BRASS WIRE BRUSHES

Prod. SCU

Universal model with plastic handle. Wire Ø 0.30mm.

With undulated brass wire. Overall length: approx. 260mm.

1843Z	Each	6,26
--------------	-------------	-------------



1843Z

BRASS

Curved model. Wooden body. Wire Ø 0.25mm. Overall length 260mm.

4 rows. Ondulated brass wire.

1843ZE	Each	4,88
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1843ZE

BRASS

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	1,80
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1844B

SCU

INOX



Product description as Art. 1844A

With ondulated STAINLESS steel wire. Overall length: approx. 260mm.

1844B	Each	5,94
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1844C

SCU



Product description as Art. 1844A

With ondulated brass plated steel wire. Long pattern. Overall length: approx. 360mm.

1844C	Each	5,18
-------	------	------

1844D

SCU



Type for round parts with ondulated brass plated steel. Overall length: approx. 290mm.

1844D	Each	1,46
-------	------	------

Product running out of stock

1844T

SCU



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	3,06
-------	------	------

1845A

SCU



Curved type for foundry and welding use. Wooden body. Smooth steel wire Ø 0.40mm. Total length approx. 290mm.

4 rows.

1845A	Each	2,52
-------	------	------

In substitution it can be provided in brass-plated steel.

1845B

SCU



Product description as Art. 1845A

5 rows.

1845B	Each	2,74
-------	------	------

In substitution it can be provided in brass-plated steel.

1845C

SCU

INOX



Curved type for foundry and welding use. Wooden body. Wavy stainless steel wire Ø 0.30mm. Total length approx. 270mm.

4 rows.

1845C	Each	4,88
-------	------	------

1845M

SCU



Straight cookie-shaped type approx. 190x55mm. Wooden body. Smooth steel wire Ø 0.40mm.

5 rows.

1845M	Each	3,52
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In substitution it can be provided in brass-plated steel.

1845P

SCU



Shoe-shaped type approx. 210x55mm. Wooden body. Smooth steel wire Ø 0.40mm.

6 rows.

1845P	Each	3,96
-------	------	------

In substitution it can be provided in brass-plated steel.

1845R

SCU



Rectangular trowel model, with connection for handle, measures 270 x 77 mm. Aluminium body. Corrugated steel wire, brass, diameter of 0.40 mm.

7 rows. Without handle.

1845R	Each	12,10
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Wooden handles with diameter of 25 mm.

Total length 1500mm.

Suitable for scrubbing brush Art. 1845 R.

O1845R	Each	6,60
--------	------	------

Type to clean files and rasps. Brush dimensions handle included: approx. 213x26mm.

1845S Each **3,36**

Product running out of stock
When the stock will be run out see Art. 2451G.



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 220 mm. Steel wire, smooth Ø 0.40x25mm, for roughing.

1845SG Each **8,30**



Product description as Art. 1845SG
Steel wire, smooth Ø 0.35x25mm, for cleaning.

1845SH Each **8,10**



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**



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 220 mm. Steel wire, smooth Ø 0.35x25mm.

1845SLE Each **10,20**



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**



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 220 mm. Stainless steel wire, wavy Ø 0.35x25mm.

1845SP Each **17,50**



Universal model which works well when particularly close to small bodywork and in spaces which are difficult to access. Cast steel body. 1 row. Wavy steel wire. Size of brush with handle approx. 220x6mm.

1845SPA Each **4,48**



Product description as Art. 1845SPA
1 row. Wavy stainless steel wire. Size of brush with handle approx. 220x6mm.

1845SPE Each **6,48**



BRASS WIRE BRUSHES

Prod. SCU
Type for spark plugs approx. 145x20mm. Plastic body. Brass wire Ø 0.20mm. 3 rows.

1845T Each **1,46**



Universal model with raised handle. Aluminium body. 3 rows. Brass wire Ø 0.20mm. Dimensions of brush with handle 220x20mm.

1845Z Each **2,60**



1845Z 4 SCU**BRASS**

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 \varnothing 0.30x25 mm.

1845Z 4	Each	19,60
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1845ZA SCU**BRASS**

Universal model which works well when particularly close to small bodywork and in spaces which are difficult to access. Cast steel body. 1 row.

Brass wire, wavy. Size of brush with handle approx. 220x6mm.

1845ZA	Each	6,48
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NYLON WIRE BRUSHES**1845ZL SCU****NYLON****Prod. SCU**

Product description as Art. 1845ZA

Nylon wire. Size of brush with handle approx. 220x6mm.

1845ZL	Each	4,48
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BRUSHES FOR BATTERY**1846 SCU****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	12,40
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HOOKS FOR CHIPS**1847 SCU***new***Prod. SCU**

Type in steel for the removal of long chips, cuttings, etc.

With pointed end \varnothing mm 3. With hand guard, \varnothing 110 mm, to avoid accidental injury.

Total length 500 mm.

1847	Each	40,10
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MAGNETIC METAL PICKERS**1847C SCU***new***Prod. SCU**

Type with round magnetic steel rod \varnothing 25 mm. Sliding rear knob to remove chips and scrap iron.

Total length 400 mm, working length 180 mm.

1847C	Each	81,70
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1847G SCU

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	132,00
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DRESSING TOOLS**1849GA SCU****Prod. SCU**

Set of spare rollers for Art. 1849 G. Hole: \varnothing 8 mm.

1849GA	Per series	3,94
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1850 SCU

Steel model.

Complete with set of bushed rollers \varnothing 30mm.

1850	Each	21,60
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Set of spare rollers, bushed for Art. 1850. Hole Ø 6.5 mm.

1850 1 Per series **3,60**

SCU



1850 1

Set of spare rollers, non-bushed for Art. 1850. Hole Ø 6.5 mm.

1850A Per series **1,98**

SCU



1850A

DRESSING TOOLS

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 **171,00**

SCU



1854

Spare abrasives for Art. 1854.

1854A Each **9,30**

SCU



1854A

Suitable to grind, profile and dress grinding wheels.
With hard silicon carbide grinding wheel. Gross grade.
Complete with grinding wheel, 22mm hole.

Wheel Ø mm 90
Wheel width mm 40

1862 Each **228,00**

SCU



1862

Spare grinding wheels for Art. 1862.

1862A Each **16,90**

SCU



1862A

DRESSING ROD TOOLS

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**

SCU



1870

Spare abrasive, round shape, for Art. 1870 or for manual use.

1870R Each **5,74**

SCU



1870R

Abrasive, square shape, can be used manually.

Square side mm 20
Overall length mm 200

1871 Each **6,96**

SCU



1871

INDUSTRIAL DIAMONDS

Prod. SCU

Suitable to grind, profile and dress grinding wheels. First choice diamond. Perfect coupling. Morse taper shank 1.

Size	carati	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	carati	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

SCU



1872

NEW!

NEWS CHAPTER 8



1895GL

Screwdrivers For Watchmakers And Fine Mechanics ▶ P. 532



1909GE

Combined Screwdrivers ▶ P. 536



MINI-SCREWDRIVER SETS

1910GV, 1910GZ ▶ P. 537

WITTE
WERKZEUGE



SET OF 1/4" SHANK BITS IN COMBIT-BOX DIN 3126 C 6.3

2013GA, 2013GB, 2013GE, 2013GL ▶ P. 578



ANTI-DUST MASKS

2071ZA, 2071ZC, 2071ZE, 2071ZF, 2071ZG, 2071ZH ▶ P. 587-588



2079GE 4

Tool Cases On Wheel ▶ P. 597



MODULAR TOOL-BOXES IN ABS

2088A, 2088B, 2088C, 2088D, 2088E, 2088F, 2088G, 2088H, 2088L ▶ P. 604-606



MALE AND FEMALE EYEBOLTS

2160L, 2161L ▶ P. 615



2215

Adjustable Jack Stands ▶ P. 616



2226T

Scaffolds - Work Benches ▶ P. 619



1884GZA

Endoscopes ▶ P. 531



1908GT

Voltage Testers ▶ P. 536



1910GP

Shortened Screwdrivers With Reversible Blade ▶ P. 537



1995A

Torque Adapters For 1/4" Bits DIN 3126 C 6.3 ▶ P. 572



2071A

Industrial Safety Helmets ▶ P. 584



2071DA

Ear Protectors ▶ P. 585



2079GFE

Tool Cases In Aluminium ▶ P. 598



2133PE

Winches ▶ P. 610



2157E

Thimbles, Rope Clips And Screw Pin Shackles ▶ P. 613



2165P

Snap Cotter Pins ▶ P. 616



2216V

Hydraulic Garage Jacks ▶ P. 617



NEEDLE FILES FOR METALS

2301GA, 2301GE ▶ P. 623



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**



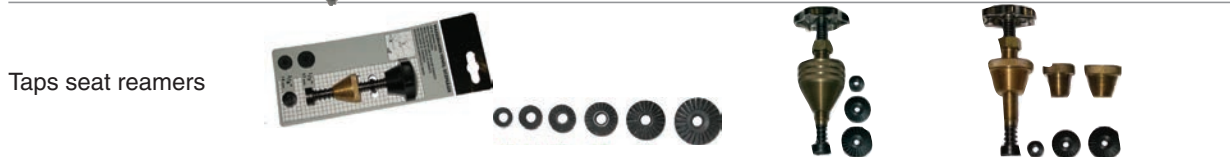
Safety and protection accessories

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	12,30	12,80	15,70	18,10

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	16,20	18,60	21,60

VDE SCREW HOLDING TOOLS

1877GA


**Orig. Witte**

To place screws in hard-to-access positions. Reinforced slot that can be handled from the base of the blade. Model with anatomic handle in unbreakable plastic, cadmium-free. Tips in CHROME VANADIUM steel, insulated according to VDE rules 0680 up to 1000 V. (Individually tested at 5000 V).

Flat tip type.

Blade length	mm	75	100	150
Blade Ø	mm	2,5	3	5
Cutting edge	mm	2,5x0,4	3x0,5	5x1
Handle		75x21	85x24	100x30
Supplier code		87500	87501	87503
1877GA	Each	20,10	21,40	30,30

Product running out of stock

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	17,10
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1880G




Product description as Art. 1880E

Total length 600mm.

1880G	Each	20,10
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MAGNET LIFTERS

1880GP


**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 260mm.

Max lifting	grams	700
1880GP	Each	4,80

1880GR


**Orig. Gedore - Art. 640**

MINI type, flexible with plastic handle.

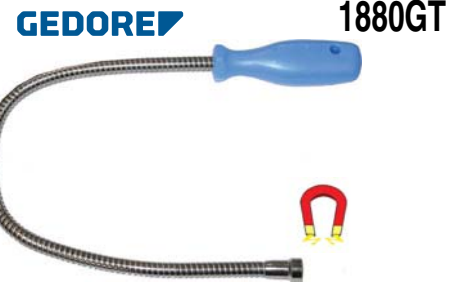
Permanent magnet end fitting.

Suitable to recover very small objects in confined areas.

Head Ø	mm	4	5
Overall length	mm	400	400
Max lifting	grams	120	270
1880GR	Each	8,92	8,82

Flexible type with plastic handle. Permanent magnet end fitting.
Suitable to recover small objects in confined areas.

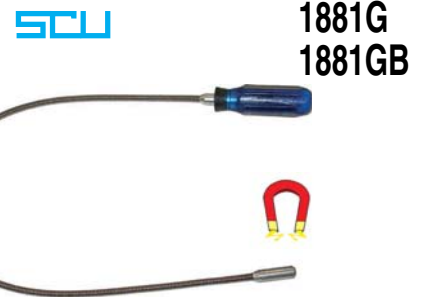
Head Ø	mm	9	15	19
Overall length	mm	460	520	520
Max lifting	grams	500	1800	3000
1880GT	Each	46,50	55,10	85,10



Prod. SCU

Flexible type with plastic handle. Permanent magnet end fitting.
Suitable to recover small items in particularly hard-to-access positions.

Art.		1881G	1881GB
Overall length	mm	520	540
Flexible length	mm	425	355
Head Ø	mm	8	14
Max lifting	grams	700	2250
Each		19,10	28,50



Orig. Peddinghaus - Art. 9601300001

Product description as Art. 1881G

Head Ø	mm	18
Overall length	mm	500
Max lifting	grams	3000
1881GE	Each	22,40



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	6,50



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	23,60



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	21,40



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	54,20



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	22,40

MAGNETIC SCREW FINDERS WITH MIRROR
1882GPB


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 220 mm.

Head Ø	mm	20
Max lifting	grams	7250
1882GPB	Each	70,80

MINI-SUPPORTS FOR BOLTS
1882GPC


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	8,80
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1882GPE


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	8,58
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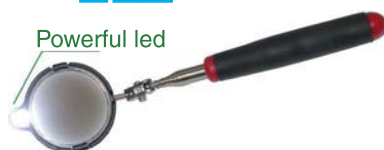
MIRRORS WITH MAGNET
1882GRE


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	28,10
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TELESCOPIC MIRRORS
1882GRF



Powerful led

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.

Length open/closed: 160/940mm.

1882GRF	Each	49,50
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1882GS



Telescopic model, pocket execution, with clip and jointed mirror Ø 32mm.

Length (closed/open): 165/485mm. Full metal finish.

1882GS	Each	11,40
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1882GV


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	6,12
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1883G


Prod. SCU

Telescopic model, with clip and jointed mirror Ø 32mm. Non-slipping handle. Length (closed/open): 210/885mm.

1883G	Each	30,90
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Telescopic model with jointed mirror Ø 56mm and plastic handle.
Open/closed length: 265/370mm.

1883GB Each **15,20**



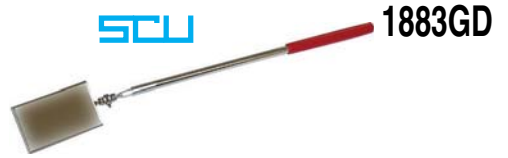
Telescopic model with 87x53 mm articulated rectangular mirror and plastic handle.
Open/closed length 285/400 mm.

1883GC Each **23,80**



Telescopic model, plastic handle.
Rectangular jointed model 87x53mm. Length (closed/open): 435/690mm.

1883GD Each **34,70**



Flexible model with mirror Ø 56mm and anti-slip handle.
Total length: 810mm.

1883GP Each **36,60**



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. Has the ability to record video material and take pictures during inspections, can amplify tool potential and increase the versatility of its range.

- 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 **376,00**



1884GZA
new



Prod. SCU

Product description as Art. 1884GZA
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 **639,00**



1884GZE



STETHOSCOPES FOR MECHANICS
1885A GEDORE

Orig. Klann - Art. KL-0140-95

Professional, especially suitable for garages, for listening to noises, hisses, etc. in engines, transmissions, gears, bearings, etc.

Length approx. 1100 mm.

1885A	Each	35,70
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ELECTRICIAN SCREWDRIVERS - EXTRA LONG PATTERN
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	300
Cutting edge width	mm	4	4
1885G	Each	12,10	12,80

Product running out of stock
FIBER OPTICS TOOLS SETS
1891G SCU

Prod. SCU - Orig. Plasdammit

4-tools set supplied in handy bag. 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
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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	4,00	4,00	4,00	4,00	4,00

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	4,00	4,00	4,00

1895GL SCU
new


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	7,94	7,66

For other TORX sizes see Art. 982 RVE and 1912 GD.
1896G SCU


5 piece screwdriver set as per Art. 1895 G 1 - 1.4 - 1.8 - 2.5 - 3 mm.

1896G	Per series	26,50
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3 piece screwdriver set as per Art. 1895 GE 2 - 2.5 - 3 mm.
In plastic casing.

1896GE Per series **19,10**

SCU

1896GE



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

SCU

1900G



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

SCU

1900GE



Assortment of 6 screwdrivers Art. 1900 G size 1 - 1.5 - 2 - 2.5 - 3 - 3.5mm.
In wooden case.

1901GA Per series **30,90**

SCU

1901GA



Product description as Art. 1901GA
In enamelled sheet case.

1901GB Per series **35,90**

SCU

1901GB



Product description as Art. 1901GA
In plastic case.

1901GF Per series **22,70**

SCU

1901GF



Assorted set of 4 screwdrivers Art. 1900 G , flat-tipped. Sizes: 1 - 1.5 - 1.8 - 2.3
2 x 2 - 2.5mm screwdrivers Art. 1900 GE, cross-tipped.
Supplied in wooden case.

1901GH Per series **39,30**

SCU

1901GH



1901GM SCU



Assorted set of 6 screwdrivers Art. 1900 G. Size: 0.6 - 0.8 - 1 - 1.5 - 1.8 - 2.3. Supplied in plastic bag.

1901GM Per series **21,30**

1901GP SCU



3 piece screwdriver set as per Art. 1900 GE 2 - 2.5 - 3 mm. Supplied in a plastic bag.

1901GP Per series **15,10**

1901GR SCU



4 piece screwdriver set as per Art. 1900 GE 1.5 - 2 - 2.5 - 3 mm. Supplied in wood case.

1901GR Per series **25,60**

SCREWDRIVERS WITH INTERCHANGEABLE BLADE

1902G SCU



Prod. SCU

Made of aluminium. 4 x 1.5 - 2 - 2.5 - 3mm flat blades made from hardened MOLYBDENUM-VANADIUM steel. Length: 115mm.

1902G Each **8,50**

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	1,08	1,08	1,08	1,08	1,08	1,08

1902GA SCU



In unbreakable plastic material. Nickel-plated brass clamp. 5 x 1.5 - 2 - 2.5 - 3 mm flat blades in MOLYBDENUM-VANADIUM steel. Length: 135mm.

1902GA Each **9,64**

PRECISION TOOLS SETS

1903GC SCU



Prod. SCU

In metal. Suitable for electronics, watchmaking and optics. 6-pcs. sets. Available in the following assortment: 2 x cross blade screwdriver size 0 - 1 4 x 1.4 - 2 - 2.4 - 3mm straight blade screwdriver. Supplied in plastic wallet.

1903GC Per series **2,56**

1903GM SCU



Product description as Art. 1903GC

16-pcs. sets. Available in the following assortment: 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. Supplied in plastic wallet.

1903GM Per series **7,74**

8

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	1,08
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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	1,76
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SCU

1906G



For tester for scar see Art. 4482 GR-T.

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 all voltage between 6-24 Volts.

1906GS	Each	3,24
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SCU

1906GS



VOLTAGE TESTERS

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	0,94
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SCU

1907G



Product description as Art. 1907G

With clip.

Overall length	mm	140
Cutting edge width	mm	3

1907GA	Each	0,98
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SCU

1907GA



Product description as Art. 1907G

Overall length	mm	190
Cutting edge width	mm	4

1907GB	Each	1,52
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SCU

1907GB



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	1,08
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SCU

1907GL



Product description as Art. 1907GL

Overall length	mm	190
Cutting edge width	mm	3,5

1907GP	Each	1,62
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SCU

1907GP



1907GT 


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	2,20

1907GV 


Product description as Art. 1907GT

With clip.

Overall length	mm	190
Cutting edge width	mm	3
1907GV	Each	2,70

1908GE 


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	11,30

1908GL 


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.

Overall length	mm	145
Blade length	mm	15
Cutting edge width	mm	3
1908GL	Each	21,70

1908GT  **new**


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.

Overall length	mm	210
Blade length	mm	100
Blade seal	PH	2
For screws	M.	3,5-5
1908GT	Each	45,70

COMBINED SCREWDRIVERS
1909GE  **new**


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

1909GE	Each	5,22
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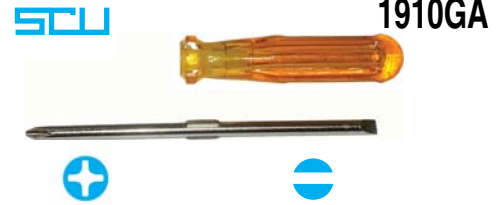
REVERSIBLE SCREWDRIVERS

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.

1910GA Each **2,24**

Supplied in 20-pcs packing.



Orig. Witte - Art. 84304

Model with bayonet connector. Handle in unbreakable plastic material. Combination blades in CHROME VANADIUM steel, zinc finish. Blade dimensions: 60x6mm. Handle: 90x21mm. 6mm flat blade and PH 2 blade.

1910GB Each **6,50**

Supplied in 10-pcs packing.
Product running out of stock



Orig. Witte - Art. 84302

Product description as Art. 1910GB
PH 1 and PH 2 blades.

1910GE Each **4,36**

Supplied in 10-pcs packing.
Product running out of stock



Orig. Witte - Art. 84305

Product description as Art. 1910GB
PH 1 and PH 2 blades.

1910GF Each **6,66**

Supplied in 10-pcs packing.
Product running out of stock



SHORTENED SCREWDRIVERS WITH REVERSIBLE BLADE

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 **1,66**



MINI-SCREWDRIVER SETS

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 **23,60**



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 **26,60**



WITTRON SCREWDRIVERS

1912GA



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	8,62	8,62	7,36	6,64	5,84	5,84	5,98
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	6,14	6,44	7,26	6,76	7,54	9,06	9,68

Supplied in 10-pcs packing.

1912GB



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	9,58	8,30	6,14	6,76	8,14

Supplied in 10-pcs packing.

1912GC



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	8,62	9,40

Supplied in 10-pcs packing.

1912GD



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	9,24	9,24	9,24	9,24	9,24	9,24	9,58	9,58

Supplied in 10-pcs packing.

1912GE



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	7,64	7,36	6,44	6,14	5,60	5,60	5,40

Supplied in 10-pcs packing.

1912GF



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	9,24	8,28	7,64	7,36

Supplied in 10-pcs packing.

8

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	13,40	13,40	13,10	13,10	12,20	12,20	13,10
Hexagon	mm	4	4,5	5	5,5	6		
Supplier code.....		89788	89789	89790	89791	89792		
1912GH	Each	13,10	13,10	13,10	13,70	13,70		

Supplied in 10-pcs packing.

WITTE
WITTRON

1912GH



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	62,50
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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	61,80
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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	81,00
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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	60,20
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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	106,00
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WITTE
WITTRON

1912GM
1912GO
1912GR
1912GT
1912GZ



8

WITTRON VDE SCREWDRIVERS

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	9,40	8,62	8,76	8,76	8,90

Supplied in 10-pcs packing.

WITTE
WITTRON

1913GA



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	11,10	8,90

Supplied in 10-pcs packing.

WITTE
WITTRON

1913GB



When the stocks will be run out the Orig. Witte screwdrivers will be supplied in different colours.

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	12,10	12,10	12,10	12,10	12,10	12,10	12,50

Supplied in 10-pcs packing.

1913GF 1913GH



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	80,30
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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	101,00
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ESD CONDUCTIVE SCREWDRIVERS

1915GA



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.

Flat-tipped model.

Type	40B	75A
Cutting edge	mm 1,5x0,3	3x0,5
Blade length	mm 40	75
Supplier code	89414	89418
1915GA	Each	7,56 7,16

Supplied in 10-pcs packing.
Product running out of stock

1915GB



Product description as Art. 1915GA

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

Supplied in 10-pcs packing.
Product running out of stock

1915GE



Product description as Art. 1915GA

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

Supplied in 10-pcs packing.
Product running out of stock

When the stocks will be run out the Orig. Witte screwdrivers will be supplied in different colours.

SETS OF ESD CONDUCTIVE SCREWDRIVERS

Orig. Witte - Art. 89313

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.

Assorted set of 7 screwdrivers.

Each set contains:

4 x flat-tipped screwdrivers Art. 1915 GA x 40B - 60A - 75 - 75A

3 x cross-tipped screwdrivers Art. 1915 GB x 00 - 0 - 1.

Supplied in unbreakable case.

1916G Each **69,50**

Product running out of stock



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	5,76	5,92	6,20	6,54	7,64	9,58	13,20	17,80

Supplied in 10-pcs packing.



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	5,96	7,06	9,00	13,30	19,70

Supplied in 10-pcs packing.



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	7,84	9,56

Supplied in 10-pcs packing.



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	7,26	8,70	10,90	14,50	24,20

Supplied in 10-pcs packing.



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	9,28	11,60

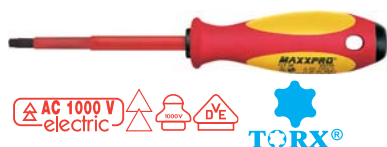
Supplied in 10-pcs packing.



When the stocks will be run out the Orig. Witte screwdrivers will be supplied in different colours.

1921GF

WITTE
WENZELGE



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	9,08	9,08	9,86	10,90	12,10	13,20	16,20

Supplied in 10-pcs packing.

1921GP

WITTE
WENZELGE



Product description as Art. 1921GA
Type with hexagonal socket. (DIN 7445).

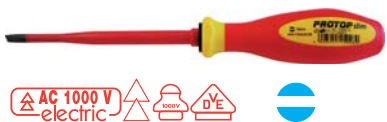
Hexagon	mm	6	7	8	9	10	11	12	13
Blade	mm	125x5	125x6	125x6	125x6	125x6	125x8	125x8	125x8
Handle	mm	117x37	117x37	117x37	117x37	117x37	127x39	127x39	127x39
Supplier code		53750	53751	53752	53753	53754	53755	53756	53757
1921GP	Each	19,30	21,30	22,10	23,20	24,60	29,30	31,40	33,60

Supplied in 10-pcs packing.

VDE "PROTOP SLIM" SCREWDRIVERS

1922GB

WITTE
WENZELGE



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

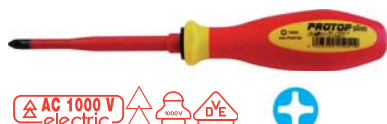
With flat tip (DIN 7437 and ISO 2380).

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	8,38	9,26	11,60	14,30

Supplied in 10-pcs packing.

1922GC

WITTE
WENZELGE



Product description as Art. 1922GB

TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

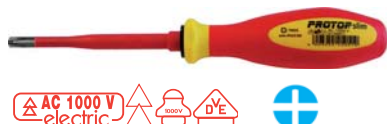
With PHILLIPS tip (DIN 7438 and ISO 8764).

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	10,20	12,70

Supplied in 10-pcs packing.

1922GD

WITTE
WENZELGE



Product description as Art. 1922GB

TYPE WITH WIRE BLADE INSULATION FOR OPERATIONS IN POSITIONS OF DIFFICULT ACCESS

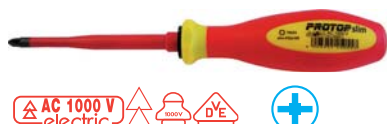
With PHILLIPS tip combined with straight cut (MODUL).

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	11,20	14,10

Supplied in 10-pcs packing.

1922GF

WITTE
WENZELGE



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	11,90	14,70

Supplied in 10-pcs packing.

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 13,20	15,30

Supplied in 10-pcs packing.

WITTE
WENZEL

1922GH



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	2,80	3,20	3,88	4,46	5,64

Supplied in 12-pcs packing. When the stocks will be run out, the screwdrivers will be provided with handles in different colors and shape.

SCU

1923GA



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 2,98	3,26	3,92	5,16

Supplied in 12-pcs packing. When the stocks will be run out, the screwdrivers will be provided with handles in different colors and shape.

SCU

1923GE



SCREWDRIVERS LINE "MAXXPRO"

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 4,12	4,52	4,96	6,64	8,70	9,32	11,80

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GA



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 3,94	4,96	6,82	6,62	13,40	12,10	20,20

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GB



Product description as Art. 1932GA

PHILLIPS-TIPPED SCREWDRIVERS WITH HEXAGON RECEPTACLE (DIN 5260/5261 and ISO 8764)

Size	1	2	3
Blade length	mm 80	100	150
Blade Ø	mm 4,5	6	8
Hexagon	mm 7	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 8,42	10,80	15,30

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GE



When the stocks will be run out the Orig. Witte screwdrivers will be supplied in different colours.



1932GF

WITTE
WENZELGE


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	5,82	7,06	14,20	8,18	16,40	13,80	24,20

Supplied in 10-pcs packing.

1932GH

WITTE
WENZELGE


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	11,10	12,60	17,20

Supplied in 10-pcs packing.

1932GL

WITTE
WENZELGE


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		53103	53103	53102	53104	53105	53106	53107
1932GL	Each	4,14	4,86	4,84	4,62	8,02	7,30	8,90

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	8,18	12,10	12,50	13,70

Supplied in 10-pcs packing.

1932GM

WITTE
WENZELGE


Product description as Art. 1932GA

ROUND BLADE - FLAT TIP SCREWDRIVERS WITH HEXAGON RECEPTACLE (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	9,08	11,50	15,80	17,10

Supplied in 10-pcs packing.

1932GP

WITTE
WENZELGE


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	6,64	5,86	5,86	5,86	5,86	6,00	6,02

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	6,40	7,84	8,18	8,80	9,52	12,10

Supplied in 10-pcs packing.

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	8,46	8,46	8,46	8,70	8,70	8,84	9,46

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	9,62	10,50	12,10	13,30

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GQ



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	11,60	11,60	11,60	11,60	11,60	12,10	12,80	13,10

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	13,40	14,30	15,90	16,60	17,40	19,90	21,40

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GR



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	23,90	23,90	23,90	24,60	25,30

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GS



Product description as Art. 1932GA

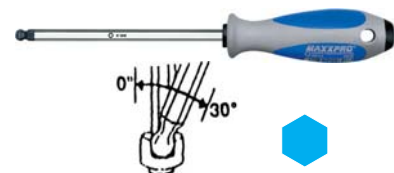
ROUND BLADE - FLAT TIP SCREWDRIVERS

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	6,02	6,96	7,64	8,46	12,10

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GT



Product description as Art. 1932GA

ROUND BLADE - FLAT TIP SCREWDRIVERS

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	5,62	7,50	9,00

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GV



Product description as Art. 1932GA

ROUND BLADE - FLAT TIP SCREWDRIVERS

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	19,20	19,20	19,20	19,20

Supplied in 10-pcs packing.

WITTE
WENZEL

1932GZ



INOX SCREWDRIVERS LINE "MAXXPRO"

1932GZA



Orig. Witte

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. In questo modo si possono evitare contaminazioni di scorie metalliche che potrebbero causare formazioni di ruggine nelle viti.

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	7,28	8,90	12,70	15,40

Supplied in 10-pcs packing.

1932GZB



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	8,68	11,90	18,20

Supplied in 10-pcs packing.

1932GZF



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	11,70	15,10	20,60

Supplied in 10-pcs packing.

1932GZP



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	10,50	10,50	10,70	11,40	12,90	14,50

Supplied in 10-pcs packing.

SCREWDRIVERS LINE "MAXXPRO"

1933GA



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	6,30	6,86	7,48

Supplied in 10-pcs packing.

1933GB



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	6,62	7,10

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	8,10	8,22

Supplied in 10-pcs packing.

WITTE
HERZOG

1933GE



T-HANDLE WRENCHES

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	5,84	5,96	5,96	6,16	6,62	7,22	10,50	11,90

Supplied in 10-pcs packing.

WITTE
HERZOG

1933GZA



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	10,20	10,60	11,10	11,90	12,90	14,30	19,40	23,50

Supplied in 10-pcs packing.

WITTE
HERZOG

1933GZB



Product description as Art. 1933GZA

T-HEXAGONAL NUT DRIVER

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	12,50	12,50	12,50	12,80	13,10	16,40	16,80

Supplied in 10-pcs packing.

WITTE
HERZOG

1933GZE



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	11,90	12,80	13,20	14,20	15,20	15,50	16,10

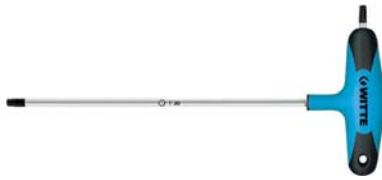
Supplied in 10-pcs packing.

WITTE
HERZOG

1933GZL



1933GZP



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	16,80	17,90	18,40	20,10	21,20	21,50	22,30

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	24,10	33,30

Supplied in 10-pcs packing.

1933GZR



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

1933GZS



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"

1934GAN



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	6,82	7,54	8,12	9,22	11,30	13,10	14,60

Supplied in 10-pcs packing.

1934GCN



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	7,64	9,62	16,10	12,50	20,60	17,40	27,50

Supplied in 10-pcs packing.

When the stocks will be run out the Orig. Witte screwdrivers will be supplied in different colours.

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	11,90	15,40	20,20

Supplied in 10-pcs packing.



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	6,64	8,36	14,20	10,60	19,40	15,80	24,50

Supplied in 10-pcs packing.



Product description as Art. 1934GAN
PHILLIPS-TIPPED SCREWDRIVERS WITH HEXAGON RECEPTACLE (DIN 5260/5261 and 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	10,60	13,70	19,10

Supplied in 10-pcs packing.



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	7,34	7,84	7,78	8,28	10,90	11,30	12,30

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	13,50	15,80	16,10	19,70

Supplied in 10-pcs packing.



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	12,10	15,40	17,70	18,90

Supplied in 10-pcs packing.



1934GMN



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	8,40	8,40	8,40	8,40	8,52	8,88	8,94
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	9,48	9,90	11,20	11,60	12,80	14,10	

Supplied in 10-pcs packing.

1934GON

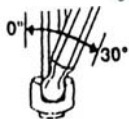


Product description as Art. 1934GAN
SCREWDRIVERS FOR TORX SCREWS WITH HANG-UP HOLE

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	9,46	9,46	9,56	11,50	11,80	11,90	12,30
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	12,60	13,90	15,10	16,10			

Supplied in 10-pcs packing.

1934GRN



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	7,36	7,64	8,94	10,90	15,40

Supplied in 10-pcs packing.

1936GA



Product description as Art. 1934GAN
HEXAGONAL NUT DRIVERS

Blade length: 125mm.

Hexagon opening	mm	3,5	4	4,5	5	5,5	6	7
Handle	mm	107x32	107x32	107x32	107x32	107x32	117x37	117x37
Supplier code		63401	63402	63403	63404	63405	63406	63407
1936GA	Each	13,20	13,20	13,20	13,20	13,20	14,10	14,60
Hexagon opening	mm	8	9	10	11	12	13	14
Handle	mm	117x37	117x37	117x37	127x39	127x39	127x39	127x39
Supplier code		63408	63409	63410	63411	63412	63413	63414
1936GA	Each	15,10	15,60	16,60	17,80	18,60	18,90	20,40
Hexagon opening	mm	17						
Handle	mm	127x39						
Supplier code		63415						
1936GA	Each	22,10						

Supplied in 10-pcs packing.

1936GB



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	25,10	25,10	25,10	25,60	26,20

Supplied in 10-pcs packing.

SCREWDRIVERS LINE "PROTOP II IMPACT"

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	9,84	10,70	12,70	16,80	19,90	21,60



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	11,40	15,30	21,10



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	14,60	17,30	23,40



When the stocks will be run out, the screwdrivers Orig. Witte will be provided with handles in different colors.

HEXAGONAL SCREWDRIVERS

Prod. SCU

Blade tanged through the handle, 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	4,24	4,88	5,82	7,00	11,30



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	4,82	5,06	7,10



Orig. Witte

Blade tanged through the handle, riveted, in CHROME VANADIUM steel, polished nickel finish, with hexagon bolster.

Hardwood handle with leather end cap.

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	8,58	8,88	9,50	12,60	16,20	18,60	22,50	30,80



Supplied in 10-pcs packing.

1938GF



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	11,10	12,10	17,10	24,30

Supplied in 10-pcs packing.

1938GP



Blade tanged through the handle, 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	12,70	14,90	20,10	28,10

Supplied in 10-pcs packing.

SCREWDRIVERS FOR SLOTTED SCREWS

1940G



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	18,60	23,10	31,20	38,30	48,40	52,60

1940GS



Orig. Gedore

Set of 5 screwdrivers Art. 1940 G.
Blade length: 125 - 150 - 175 - 200 - 250mm.
Painted wooden base.

1940GS	Per series	226,20
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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.

Each set consists of 5 items:

- 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.

Supplied in cardboard packing.

Sold as assorted set.

1943GB Each **38,10**

1943GB

Orig. Witte

Product description as Art. 1943GB

Each set consists of 5 items:

- 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.

Supplied in cardboard packing.

Sold as assorted set.

1943GC Each **52,20**

1943GC

Orig. Witte - Art. 653742

Product description as Art. 1943GB

Each set consists of 6 items:

- 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.

Supplied in cardboard packing

Sold as assorted set.

1943GE Each **44,40**

1943GE

Orig. Witte - Art. 653747

Product description as Art. 1943GB

Each set consists of 7 items:

- 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.

Sold as assorted set.

1943GF Each **49,70**

1943GF

Orig. Witte

Product description as Art. 1943GB

Each set consists of 7 items:

- 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

Supplied in cardboard packing.

Sold as assorted set.

1943GL Each **63,80**

1943GL


When the stocks will be run out the Orig. Witte screwdrivers will be supplied in different colours.

SLIM VDE "PROTOP" SCREWDRIVERS SETS
1943GLA

WITTE
**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	54,90
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1943GM

WITTE
**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	69,90
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1943GP

WITTE
**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	75,50
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When the stocks will be run out, the screwdrivers Orig. Witte will be provided with handles in different colors.

SETS OF VDE INSULATED SCREWDRIVERS
1943GT

SCU
**Prod. SCU**

Model with ergonomic handle in unbreakable plastic material and blade in special steel insulated according to VDE 0680 norms up to 1000 V.

Each set consists of 7 items:

- 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

Sold as assorted set.

1943GT	Each	21,20
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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.

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 Phillips-tip screwdriver Art. 1932 GBx1
- 1 x Phillips-tip screwdriver Art. 1932 GBx2.

Supplied in cardboard packing

Sold as assorted set.

1948GA Each **38,40**


1948GA

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.

Supplied in cardboard packing

Sold as assorted set.

1948GE Each **42,40**


1948GE

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 **60,20**


1948GF

Orig. Witte - Art. 653754

Product description as Art. 1948GA

Each set consists of 6 items:

- 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 pcs Art. 1932 GFx1
- 1 x Pozidriv-tip screwdriver Art. 1932 GFx2.

Supplied in cardboard packing

Sold as assorted set.

1948GH Each **52,50**


1948GH

Orig. Witte - Art. 653864

Product description as Art. 1948GA

Each set consists of 6 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 flat-tip screwdriver Art. 1932 GLx150A
- 1 x Phillips-tip screwdriver Art. 1932 GBx1
- 1 x Phillips-tip screwdriver Art. 1932 GBx2.

Supplied in cardboard packing

Sold as assorted set.

1948GL Each **48,50**


1948GL


1948GM

WITTE
WERKZEUGE
**Orig. Witte**

Product description as Art. 1948GA

Each set consists of 6 items:

- 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.

Sold as assorted set.

1948GM	Each	49,60
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1948GR

WITTE
WERKZEUGE
**Orig. Witte - Art. 653863**

Product description as Art. 1948GA

Each set consists of 6 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 flat-tip screwdriver Art. 1932 GLx150A
- 1 x Pozidriv-tip screwdriver Art. 1932 GFx1
- 1 x Pozidriv-tip screwdriver Art. 1932 GFx2.

Supplied in cardboard packing

Sold as assorted set.

1948GR	Each	52,50
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1948GS

WITTE
WERKZEUGE
**Orig. Witte**

Product description as Art. 1948GA

Each set consists of 6 items:

- 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

Supplied in cardboard packing

Sold as assorted set.

1948GS	Each	51,80
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1948GT

WITTE
WERKZEUGE
**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	51,30
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1948GV

WITTE
WERKZEUGE
**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	58,60
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INOX SCREWDRIVERS' LINE "MAXXPRO" SETS

Orig. Witte - Art. 67002

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.

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 Phillips-tip screwdriver Art. 1932 GZBx1
1 x Phillips-tip screwdriver Art. 1932 GZBx2
Supplied in cardboard packing.
Sold as assorted set.

1949GA Each **58,30**

WITTE
WITTE

1949GA



Orig. Witte - Art. 67001

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
Supplied in cardboard packing.
Sold as assorted set.

1949GE Each **64,30**

WITTE
WITTE

1949GE



Orig. Witte - Art. 67007

Product description as Art. 1949GA
Each set consists of 6 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 flat-tip screwdriver Art. 1932 GZAx150
1 x Phillips-tip screwdriver Art. 1932 GZBx1
1 x Phillips-tip screwdriver Art. 1932 GZBx2
Supplied in cardboard packing.
Sold as assorted set.

1949GH Each **75,70**

WITTE
WITTE

1949GH



Orig. Witte - Art. 67006

Product description as Art. 1949GA
Each set consists of 6 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 flat-tip screwdriver Art. 1932 GZAx150
1 x Pozidriv-tip screwdriver Art. 1932 GZFx1
1 x Pozidriv-tip screwdriver Art. 1932 GZFx2
Supplied in cardboard packing.
Sold as assorted set.

1949GL Each **81,80**

WITTE
WITTE

1949GL



Orig. Witte - Art. 67008

Product description as Art. 1949GA
Each set consists of 6 items:
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.
+H63.

1949GV Each **73,10**

WITTE
WITTE

1949GV



SCREWDRIVERS' LINE "MAXXPRO PLUS" SETS
1950GA

WITTE
Werkzeuge
**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.

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 Phillips-tip screwdriver Art. 1934 GDNx1
- 1 x Phillips-tip screwdriver Art. 1934 GDNx2.

Supplied in cardboard packing

Sold as assorted set.

1950GA	Each	52,30
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1950GE

WITTE
Werkzeuge
**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.

Supplied in cardboard packing

Sold as assorted set.

1950GE	Each	56,40
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1950GL

WITTE
Werkzeuge
**Orig. Witte - Art. 663864**

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 Phillips-tip screwdriver Art. 1934 GDNx1
- 1 x Phillips-tip screwdriver Art. 1934 GDNx2.

Supplied in cardboard packing

Sold as assorted set.

1950GL	Each	66,60
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1950GPA

WITTE
Werkzeuge
**Orig. Witte - Art. 663870**

Product description as Art. 1950GA

Each set consists of 6 items:

- 1 x flat-tip screwdriver with hexagon receptacle Art. 1934 GLNx100
- 1 x flat-tip screwdriver with hexagon receptacle Art. 1934 GLNx125
- 1 x flat-tip screwdriver with hexagon receptacle Art. 1934 GLNx150
- 1 x Phillips-tip screwdriver with hexagon receptacle Art. 1934 GEPx1
- 1 x Phillips-tip screwdriver and hexagon receptacle Art. 1934 GEPx2.
- 1 x Phillips-tip screwdriver and hexagon receptacle Art. 1934 GEPx3.

Supplied in cardboard packing

Sold as assorted set.

1950GPA	Each	88,80
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1950GR

WITTE
Werkzeuge
**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.

Supplied in cardboard packing.

Sold as assorted set.

1950GR	Each	69,50
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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	64,60
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1950GV

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	76,50
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1950GZ

SCREWDRIVERS' LINE "PROTOP II IMPACT" SETS
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.

Each set consists of 6 items:

- 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
 Sold as assorted set.

1951GE	Each	79,40
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1951GE

Orig. Witte - Art. 670091

Product description as Art. 1951GE

Each set consists of 6 items:

- 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 pcs Art. 1936 GPx1
- 1 x Phillips-tip screwdriver pcs Art. 1936 GPx2

 Supplied in cardboard packing
 Sold as assorted set.

1951GF	Each	84,50
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1951GF

When the stocks will be run out, the screwdrivers Orig. Witte will be provided with handles in different colors.
WOODEN GRIP SCREWDRIVERS SETS
Orig. Witte - Art. 620306

Screwdrivers with blade tanged through the handle, riveted, in CHROME VANADIUM steel, polished nickel finish, with hexagon bolster. Hardwood handle with leather end cap.

Each set consists of 5 items:

- 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.

 Supplied in cardboard packing
 Sold as assorted set.

1951GR	Each	57,50
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1951GR


1951GT



Orig. Witte - Art. 620303

Product description as Art. 1951GR

Each set consists of 5 items:

- 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.

Supplied in cardboard packing

Sold as assorted set.

1951GT Each **62,10**

1952G



Orig. Witte - Art. 620302

Product description as Art. 1951GR

Each set consists of 6 items:

- 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.

Supplied in cardboard packing

Sold as assorted set.

1952G Each **73,70**

PLASTIC HANDLE SCREWDRIVERS

1970GA



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	2,48	2,62	2,84	3,34	3,78

Supplied in 12-pcs packing.

1970GE



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	7	8	8
Cutting edge width	mm	4	5	6	7	8	10
1970GE	Each	2,84	3,08	3,44	4,46	5,68	6,74

Supplied in 12-pcs packing.

1970GP



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	2,58	2,90	3,70	5,16	7,86

Supplied in 12-pcs packing.

1970GPZ



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	2,66	3,02	4,06	6,00

1970GR



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	3,98	3,26	3,26	3,26	3,26	3,44	3,60
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	3,88	4,10	4,52	4,78	5,32	5,82	6,38

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	2,88	3,12	3,52



Product description as Art. 1970GA

Shortened patter 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	3,12	3,24	3,66



Product description as Art. 1970GA

Shortened patter with round blade and POZIDRIV tip.

Size		1	2
Blade	mm	30x4,5	30x6
For screws	M	2-3	3,5-5
1970GRM	Each	3,12	3,24



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	3,12	2,48	2,48	2,48	2,48	2,52	2,58
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	2,76	2,94	3,20	3,42	3,80		



When the stocks will be run out, the screwdriver will be supplied with bi-component handles.

Product description as Art. 1970GA

Assorted set of 6 screwdrivers supplied in cardboard packing.

- 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.
- Sold as assorted set.

1970GS	Each	20,90
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Product description as Art. 1970GA

Assorted set of 5 screwdrivers supplied in cardboard packing.

- 5 x TORX screwdrivers Art. 1970 GR T10 - T15 - T20 - T25 - T30
- Sold as assorted set.

1971G	Each	19,70
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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).

Overall length as open with blade	mm	250	330	480
Blade Ø	mm	5,5	5,5	7
Blades screws with straight cutting	mm	4,5-5,5	4,5-5,5	5,5-6,5
Blades screws with cross cutting	Gr	1-2	2	2
Supplier code		1.004.4	1.032.4	1.062.4
1980GA	Each	40,30	49,70	67,20

schröder **1980GA**



Spare bits and accessories: see Art. 1980 GD to 1980 GL.

1980GD



FLAT-TIPPED SPARE BITS

Screwdrivers: see Art. 1980 GA.

Size	1	2	3	4	5	6
Blades screws with straight cutting mm	3	4,5	5,5	5,5	6	6,5
For screwdrivers overall length mm	250e330	250e330	250e330	480	480	480
1980GD Each	2,42	2,42	2,42	3,26	3,26	3,26

1980GF



PHILLIPS-TIPPED SPARE BITS

Screwdrivers: see Art. 1980 GA.

Size	0	1	2	3	4	4A
Blades screws with cross cutting Gr	0	1	2	1	2	3
For screwdrivers overall length mm	250e330	250e330	250e330	480	480	480
1980GF Each	3,70	2,70	2,70	3,52	3,52	4,60

1980GL



POZIDRIV/SUPADRIV-TIPPED SPARE BITS

Screwdrivers: see Art. 1980 GA.

Size	1	2	3	4	4A
Blades screws with cross cutting Gr	1	2	1	2	3
For screwdrivers overall length mm	250e330	250e330	480	480	480
1980GL Each	3,12	3,12	3,88	3,88	4,68

AUTOMATIC SPIRAL SCREWDRIVERS FOR 1/4 BITS

1981G



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 Phillips-slotted screws Size: 1-2-3.

Overall length as open with blade mm	255	335	480
Supplier code	1.024.6	1.052.6	1.082.6
1981G Each	39,80	53,70	68,50

Bits: see from Art. 1993 GA to 1993 GV.

LEVER SCREWDRIVERS

1985GA



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	3,44	3,52	3,60	5,60	8,62	10,20

1985GB



Product description as Art. 1985GA

Suitable for Phillips-slotted screws.

Overall length mm	100	200
For screws Gr	1-2	3-4
1985GB Each	4,60	8,68

HAND IMPACT DRIVERS

1986A



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). Right and left operated. Supplied 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	13,70
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Bits: see Art. 2000 GA to 2000 GT.

5/16"

1/2"

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 **181,00**

For other bits see Art. 983 GB-D-H-M-R - 984 GB-D.

GEDORE

1986GB



5/16" 1/2"

Orig. Gedore - Art. K 1900-013

Percussion part only, for Art. 1986 GB.

1986GP Each **71,70**

GEDORE

1986GP



1/2"

BITS WITH 1/4" HEXAGONAL SHANK, DIN 3126 C 6.3 FOR SCREWDRIVERS AND DRILLS

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 turning moment.

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	0,70	0,70	0,70	0,70	0,70	0,70	0,70

Type	08	8	10
Cutting width mm	8	8	10
Cutting thickness mm	1,2	1,6	1,6
1991GA Each	1,00	1,00	1,20

SCU

1991GA



1/4"

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	4,62	4,62	4,62

WITTE

1991GAT



TIN 1/4"

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	0,70	0,38	1,40	1,74	1,92	4,78	0,38	2,52

Type	2B	2C	3	3A	3C	3F	4
For cross Gr	2	2	3	3	3	3	4
Overall length mm	39	50	25	32	50	100	25
Supplier code.....	-	-	27022	27013	-	-	-
1991GB Each	1,68	1,92	0,38	2,82	1,92	4,78	0,90

Bits measures without Art.Witte are SCU manufactured.

WITTE

1991GB



1/4"

Product description as Art. 1991GA

PHILLIPS cross head. Special hardening assuring HRC 62-64 hardness for higher turning moments and long-lasting bit. Total length: 25mm.

For cross Gr	1	2	3
Supplier code.....	27120	27121	27122
1991GBA Each	0,44	0,44	0,44

WITTE

1991GBA



1/4"

1991GBE



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	1,30	1,30	1,30

1991GBF



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	3,94	3,94	3,94

1991GBL



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	3,02	3,02	3,02

1991GBR



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	0,80
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1991GBS



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	0,90
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1991GC



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	0,70	0,38	1,44	1,10	1,92	0,38	2,68	1,02
Type		2C	2E	3	3A	3C	3F	4	
For cross	Gr	2	2	3	3	3	3	4	
Overall length	mm	50	70	25	32	50	100	25	
Supplier code		-	-	27047	27053	-	-	-	
1991GC	Each	1,92	2,94	0,38	2,98	1,92	4,78	0,90	

Bits measures without Art.Witte are SCU manufactured.

1991GCA



Product description as Art. 1991GA
 Pozidriv cross head. Special hardening assuring HRC 62-64 hardness for higher turning moments and long-lasting bit. Total length: 25mm.

For cross	Gr	1	2	3
Supplier code		27245	27246	27247
1991GCA	Each	0,44	0,44	0,44

1991GCE



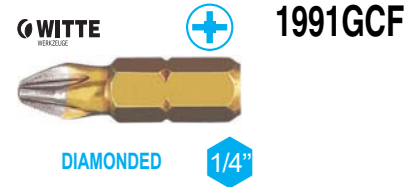
Product description as Art. 1991GA
 Pozidriv cross head. Yellow TIN coated for longer lasting. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		27345	27346	27347
1991GCE	Each	1,30	1,30	1,30

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	3,94	3,94	3,94



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	3,02	3,02	3,02

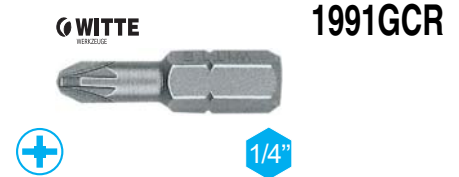


Orig. Witte - Art. 27057

Product description as Art. 1991GA

Pozidriv cross head, Size 2. Thinned tip for easy introduction into screw head. Total length 25mm.

1991GCR	Each	2,06
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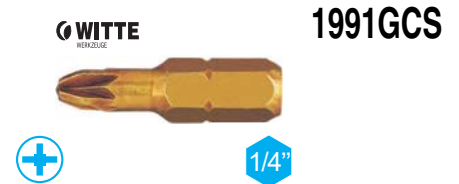


Orig. Witte - Art. 27248

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	2,06
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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	0,70	0,70	0,70	0,70	0,70	0,70	0,70	
Hexagon	mm	8	10						
1991GE	Each	1,00	1,20						



Product description as Art. 1991GA

Hexagonal head, with hole. Total length 25mm.

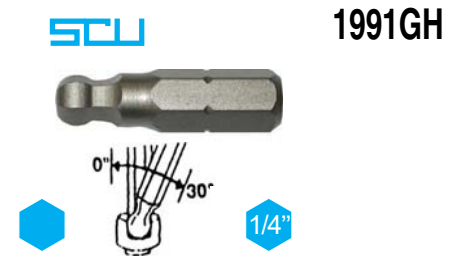
Hexagon	mm	2	2,5	3	4	5	6	8	
1991GF	Each	1,30	1,30	1,30	1,30	1,30	1,30	1,50	
Hexagon	mm	10							
1991GF	Each	1,70							



Product description as Art. 1991GA

Ball bits for embedded hexagons. Total length 25mm.

Hexagon	mm	2,5	3	4	5	6
1991GH	Each	0,80	0,80	0,80	0,80	0,80



1991GL



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	0,82	0,82	0,82	0,82	0,82	0,82	0,82
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	3,26	0,82	3,26	0,82	3,26	0,82	3,26
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	0,82	3,26	0,82	3,26	0,82		

Bits measures without Art.Witte are SCU manufactured.

1991GLT



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	1,64	1,64	1,64	1,64	1,64	1,64	1,64

1991GLV



INOX



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	3,74	3,74	3,74	3,74	3,74	3,74	3,74

1991GN



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	1,16	1,16	1,16	1,16	1,16	1,16	1,16
TORX size	T	27	30	40				
Supplier code	.....	29484	29485	29486				
1991GN	Each	1,16	1,16	1,16				

1991GNA



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	1,96	1,96	1,96	1,96	1,96	1,96	1,96

1991GNB



Product description as Art. 1991GA

5-point head, with hole (TAMPER STAR). Total length 25mm.

IPR size		10	15	20	25	27	30	40
Supplier code	.....	26870	26871	26872	26873	26874	26875	26876
1991GNB	Each	5,68	5,68	5,68	5,68	5,68	5,68	5,68

1991GNC



Prod. SCU

Product description as Art. 1991GA

RIBE head. Total length 25mm.

For RIBE-CV screws	M.	5	6	8	10
1991GNC	Each	0,70	0,70	0,90	1,10

Product description as Art. 1991GA

XZN bi-hexagonal head. Total length 25mm.

For screws with XZN polygon	M.	4	5	6	8
1991GND	Each	0,70	0,70	0,70	1,00

SCU



1991GND



Orig. Witte

Product description as Art. 1991GA

Torq – Set® head. Particularly used in the aeronautics industry. Total length 25mm.

Torq-Set size		0	1	2	3	4	5	6	8	10
Supplier code.....		27330	27331	27332	27333	-	-	-	-	-
1991GNE	Each	8,26	8,26	8,26	8,26	0,70	0,70	0,70	0,70	0,70

WITTE
WERKZEUGE



1991GNE



Bits measures without Art.Witte are SCU manufactured.

Prod. SCU

Product description as Art. 1991GA

Tri – Wing® head. Particularly used in the aeronautics industry. Total length 25mm.

Tri-Wing Size		0	1	2	3	4	5
1991GNF	Each	0,70	0,70	0,70	0,70	0,70	0,70

SCU



1991GNF



Product description as Art. 1991GA

Square head. Total length 25mm.

For screws with square	Nr	0	1	2	3
1991GNH	Each	0,70	0,70	0,70	0,70

SCU



1991GNH



Product description as Art. 1991GA

2-hole head. Total length 25mm.

For screws with two bores	Nr	6	8	10
1991GNL	Each	0,70	0,70	0,70

SCU



1991GNL



Product description as Art. 1991GA

Flexible extension with male/female 1/4" hexagonal shank.

Overall length	mm	190
1991GP	Each	7,92

SCU



1991GP



Orig. Carolus - Art. 7080.00

Product description as Art. 1991GA

Male adapters for 1/4" sockets.

Overall length	mm	25
1991GR	Each	1,22

carolus
by GEDORE



1991GR



SOCKET REDUCERS FOR INSERT BITS

Prod. SCU

Hand use. Chrome-plated finish.

(Art. 1991 GS 1 - Orig. Carolus Art. 4178.60)

Size		1	2
Square drive	inch	1/4	3/8
Hexagonal inserts drive	inch	1/4	5/16
1991GS	Each	2,74	3,92

SCU



1991GS



For reductions from square connection 1/2 to hexagonal connection 5/16 see Art. 971 RI and reductions from square connection 3/8 to hexagonal connection 1/4 see Art. 956 RI.

BITS WITH BITFLEX 1/4" HEXAGONAL SHANK, FOR SCREWDRIVERS AND DRILLS

1992GN

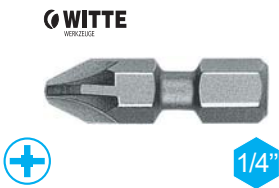


Orig. Witte

"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	1,86	1,86	1,86

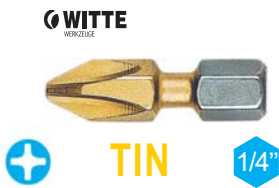
1992GP



Product description as Art. 1992GN
Pozidriv cross head. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		28045	28046	28047
1992GP	Each	1,86	1,86	1,86

1992GR



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	1,92	1,92	1,92

1992GS



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	1,92	1,92	1,92

1992GT



"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	4,72	4,72	4,72

1992GZA

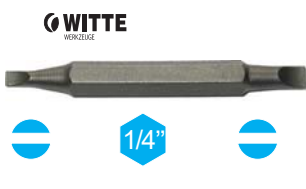


Product description as Art. 1992GT
Pozidriv cross head. Diamond tip for longer lasting, high precision, screw tightening. Particularly suitable for set of tools including screwdrivers. Total length 25mm.

For cross	Gr	1	2	3
Supplier code		28011	28012	28013
1992GZA	Each	4,72	4,72	4,72

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 turning moment and long lasting. Straight head. Total length 60mm.

Cut 1	mm	3x0,5
Cut 2	mm	4,5x0,6
Drive		1/4
1993GA	Each	3,24

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	3,24

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	3,24
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1993GC
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	3,24
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1993GD
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	3,24
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1993GE
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	3,24
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1993GF
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	3,24
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1993GH
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	3,24
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1993GI
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	3,24
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1993GL
Orig. Witte - Art. 29004

Product description as Art. 1993GA

Pozidrov cross head + straight head. Total length 60mm.

PZD cross	Gr	1
Straight cutting	mm	4,5x0,6
Drive		1/4

1993GN	Each	3,24
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1993GN
Orig. Witte - Art. 29005

Product description as Art. 1993GA

Pozidrov cross head + straight head. Total length 60mm.

PZD cross	Gr	2
Straight cutting	mm	5,5x0,8
Drive		1/4

1993GP	Each	3,24
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1993GP

1993GR



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	3,24
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1993GS



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	4,46
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1993GT



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	4,46
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1993GV



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	4,46
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INSERT BITS WITH 1/4" HEXAGONAL SHANK, DIN 3126 E 6.3, UNIVERSAL MODEL, FOR ELECTRIC AND BATTERY SCREWDRIVERS AND DRILLS

1994GH



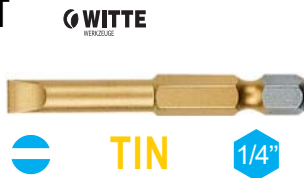
Orig. Witte

Milled bits for direct mounting into screwdrivers such as: Pneutech, 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	4,08	4,08	1,10	1,10	1,10	3,16	1,10
Cutting width	mm	8	9	10	12			
Cutting thickness	mm	1,6	1,6	1,6	2			
Supplier code		-	27516	-	-			
1994GH	Each	1,50	4,94	2,10	5,70			

Bits measures without Art.Witte are SCU manufactured.

1994GHT

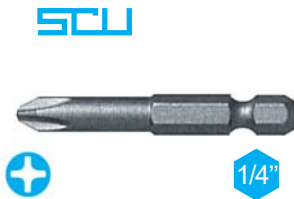


Milled bits for direct mounting into screwdrivers such as: Pneutech, Bosch, B+D, Skil, Makita, Atlas Copco, Ingersoll, etc. In alloy steel. The accurate finish and a particular hardening procedure enable perfect transmission of the turning moment and long lasting.

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	6,10	6,10	6,10

1994GL



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	1,10	1,10	1,90	2,92	4,92	1,10	1,90
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	2,92	4,92	1,10	1,90	2,92	4,92	1,50

8

Prices in EURO - VAT not included



Product description as Art. 1994GHT

Phillips cross head. ZIRCONIUM coated for longer lasting.
Total length 50mm.

For cross	Gr	1	2	3
1994GLT	Each	3,32	3,32	3,32

SCU**1994GLT**

ZIRCONIUM

**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	6,22	6,52

WITTE
WERKZEUGE**1994GLV****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	1,10	1,10	1,90	2,92	4,92	1,10	1,90
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	2,92	4,92	1,10	1,90	2,92	4,92	1,50

SCU**1994GM**

Product description as Art. 1994GHT

Pozidriv cross head. ZIRCONIUM coated for longer lasting.

Total length 50mm.

For cross	Gr	1	2	3
1994GMT	Each	3,32	3,32	3,32

SCU**1994GMT**

ZIRCONIUM

**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	6,22	6,52

WITTE
WERKZEUGE**1994GMV****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	1,10	1,90	1,10	1,90	1,10	1,90	1,10	1,90
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	1,10	1,90	1,10	1,90	1,60	2,20	2,30	2,42

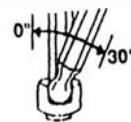
SCU**1994GO****Orig. Witte**

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	5,74	5,74	3,12	3,12	3,12	3,12	6,08

Bits measures without Art.Witte are SCU manufactured.

WITTE
WERKZEUGE**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	1,40	1,40	1,40	1,40	1,40	1,40	1,40
TORX size	T	30	40	45	50	55		
1994GT	Each	1,40	1,40	1,70	2,42	2,62		

SCU**1994GT**

1994GTA



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	6,14	6,14	6,14	6,14	6,14	6,14	6,14

1994GV



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	2,00	2,00	2,00	2,00	2,00	2,00	2,00
TORX size	T	30	40	45	50	55		
1994GV	Each	2,00	2,00	2,30	3,02	3,02		

1994GZ



Product description as Art. 1994GHT

Inside hexagon model, with magnet.

Opening	mm	4	5	5,5	6	7	8	9
Overall length	mm	42	45	45	45	45	45	45
1994GZ	Each	5,02	4,46	4,46	4,46	4,46	4,46	4,46
Opening	mm	10	11	12	13	14	17	1/4
Overall length	mm	45	45	45	45	45	45	45
1994GZ	Each	4,46	4,46	4,46	4,46	6,02	9,22	4,46
Opening	mm	5/16	3/8	7/16				
Overall length	mm	45	45	45				
1994GZ	Each	4,46	4,46	5,32				

INSERT BITS WITH 1/4" HEXAGONAL SHANK, DIN 3126 E 6.3, UNIVERSAL MODEL, FOR ELECTRIC SCREWDRIVERS AND DRILLS

1994RA



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	3,32	3,32	3,32

1994RB



Product description as Art. 1994RA

POZIDRIV tip. Overall length 38mm.

For cross	Gr	1	2	3
Supplier code		28523	28524	28525
1994RB	Each	3,32	3,32	3,32

1994RE



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	3,32	3,32	3,32	3,32	3,32

For insert sets like "IMPACT" see. Art. 2018 G.

TORQUE ADAPTERS FOR 1/4" BITS, DIN 3126 C 6.3

1995A new



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	20,10	20,10	20,10	20,10	20,10	20,10	20,10

MAGNETIC ADAPTERS FOR 1/4" BITS, DIN 3126 C 6.3

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



1995GA

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	6,82



1995GB

**Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.
For long types see Art. 1996 G.**

Orig. Witte - Art. 26002

Product description as Art. 1995GB

For drills: Bosch – AEG – Metabo.

Overall length	mm	79
Drive	mm	5,5
1995GC	Each	34,10



1995GC

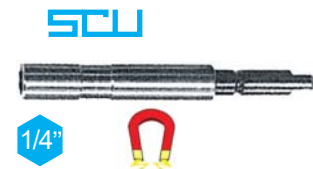
Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

Prod. SCU

Product description as Art. 1995GB

For drills: Fein – AEG – Baier.

Overall length	mm	65
Drive	mm	7
1995GD	Each	9,02



1995GD

Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

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	28,70



1995GF

Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

Prod. SCU

Product description as Art. 1995GB

For drills with SDS-PLUS shank.

Overall length	mm	75
Drive	mm	10
1995GL	Each	13,10



1995GL

Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

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	15,10



1995GM

Orig. Carolus - Art. 7070.00

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	52
Drive	inch	1/4
1995GP	Each	12,00



1995GP

1995GR SCU



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	9,92

1995GT SCU



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	15,20	18,60	22,80

1995GZ WITTE



Orig. Witte - Art. 26027

Magnetic model with strong pull, for use straight or articulated. Provides centring precision.

For drills: Universal E 6.3 steel.

Overall length	mm	100
Drive	inch	1/4"
1995GZ	Each	13,80

Product running out of stock

1996G SCU



Prod. SCU

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	7,52	8,92	9,12	9,32

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

1996GB SCU



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	5,62

Connections not suitable for use with bits from Art. 1992 GN to 1992 GZA.

SOCKET HOLDER ADAPTERS

1996GE SCU



Prod. SCU - Art. 7080.50

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	3,72

For a similar Orig. Carolus adaptor, see Art. 946 GZ.

1996GF SCU



Prod. SCU

Product description as Art. 1996GE

Overall length	mm	100
1996GF	Each	13,10

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	4,22

1996GM SCU



Product description as Art. 1996GL

Overall length	mm	100
1996GM	Each	17,10

SOCKET REDUCERS FOR INSERT BITS

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 13,10	16,80	6,38

For other measures see Art.984 GF – Orig. Gedore



BITS WITH 5/16" HEXAGONAL SHANK, DIN 3126 C 8, FOR SCREWDRIVERS AND ELECTRIC DRILLS

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 turning moment.

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	1,80	2,20



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



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



Product description as Art. 2000GA

"TORX" head. Total length 35mm.

TORX size	T	20	25	27	30	40	45	50
2000GD	Each	1,60	1,60	1,60	1,60	1,60	1,60	1,60
TORX size	T	55						
2000GD	Each	1,80						

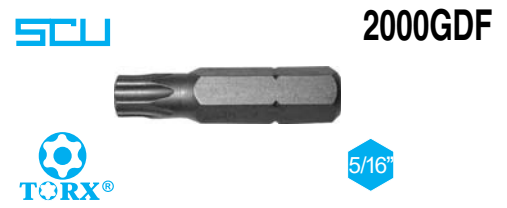


Product description as Art. 2000GA

"TORX" head, with hole. Total length 35mm.

TORX size	T	20	25	27	30	40	45	50
2000GDF	Each	2,00	2,00	2,00	2,00	2,00	2,00	2,00
TORX size	T	55						
2000GDF	Each	2,42						

Size 55 is 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	4,14	1,30	1,40
Hexagon	mm	12		14				
2000GE	Each	2,00		2,30				



Orig. Witte

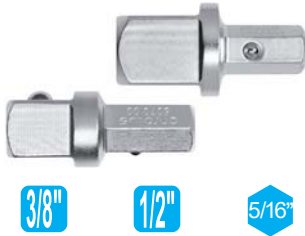
Product description as Art. 2000GA

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 9,72	9,72	9,72	9,72	9,72



2001G **carolus**
by GEORE



Orig. Carolus
Made from 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

INSERT BITS WITH HEXAGONAL SHANK 5.5MM, DIN 3126, FOR SCREWDRIVERS

2003GA **WITTE**



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 turning moment 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	4,94	4,94	4,94	4,94	4,94	7,70

2003GB **WITTE**



Product description as Art. 2003GA
Phillips cross head. Total length 50mm.

For cross	Gr	1	2	3
Supplier code		30691	30692	30693
2003GB	Each	4,70	4,70	6,50

2003GF **WITTE**



Product description as Art. 2003GA
Pozidriv cross head. Total length 50mm.

For cross	Gr	1	2	3
Supplier code		30701	30702	30703
2003GF	Each	4,94	4,94	6,78

2003GL **WITTE**



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	6,36	6,36	6,36	6,36	6,36

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: AEG, Baier and Fein. In alloy steel.
The accurate finish and a particular hardening procedure enable perfect transmission of the turning moment and long lasting.
Phillips cross head. Total length 53mm.

For cross	Gr	3
2005GB	Each	1,80

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	1,80	1,80	1,80

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	2,10	3,12	2,10	3,12	2,10	3,12	2,10	3,12
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	2,10	3,12	2,10	3,12	2,10	3,12	2,20	3,52

8

Product description as Art. 2006GA

XZN head.

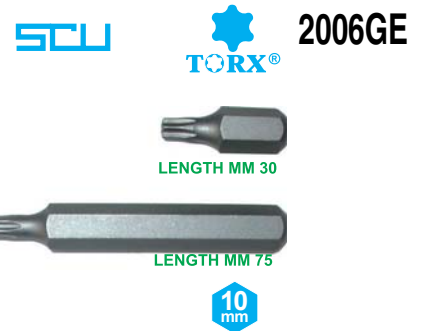
Type		5	5L	6	6L	8	8L	10
For screws with XZN polygon	M.	5	5	6	6	8	8	10
Overall length	mm	30	75	30	75	30	75	30
2006GC	Each	2,10	3,12	2,10	3,12	2,10	3,12	2,10
Type		10L	12	12L				
For screws with XZN polygon	M.	10	12	12				
Overall length	mm	75	30	75				
2006GC	Each	3,12	2,10	3,12				



Product description as Art. 2006GA

TORX head.

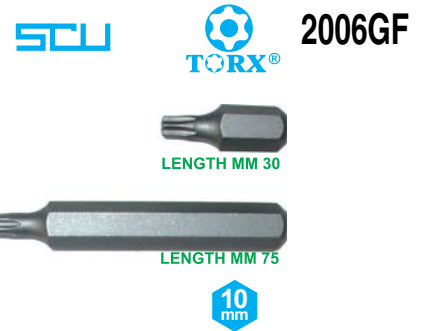
Type		10	10L	15	15L	20	20L	25
TORX size	T	10	10	15	15	20	20	25
Overall length	mm	30	75	30	75	30	75	30
2006GE	Each	2,10	3,12	2,10	3,12	2,10	3,12	2,10
Type		25L	27	27L	30	30L	40	40L
TORX size	T	25	27	27	30	30	40	40
Overall length	mm	75	30	75	30	75	30	75
2006GE	Each	3,12	2,10	3,12	2,10	3,12	2,10	3,12
Type		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	2,10	3,12	2,10	3,12	2,10	3,12	



Product description as Art. 2006GA

TORX head, with hole.

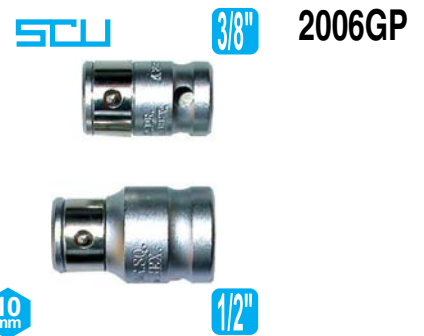
Type		10	10L	15	15L	20	20L	25
TORX size	T	10	10	15	15	20	20	25
Overall length	mm	30	75	30	75	30	75	30
2006GF	Each	3,12	4,22	3,12	4,22	3,12	4,22	3,12
Type		25L	27	27L	30	30L	40	40L
TORX size	T	25	27	27	30	30	40	40
Overall length	mm	75	30	75	30	75	30	75
2006GF	Each	4,22	3,12	4,22	3,12	4,22	3,12	4,22
Type		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	3,12	4,22	3,12	4,22	3,12	4,22	



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	3,52	3,92



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	12,10
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2008GE



1/4"

Product description as Art. 2008GA

Set of 7 pcs:
6 bits TORX T10-15-20-25-30-40
1 universal magnetic adapter.

2008GE Each **13,40**

ASSORTMENTS OF 1/4" SHANK BITS IN COMBIT-BOX, DIN 3126 C 6.3

2013GA *new*



1/4"

Orig. Witte - Art. 28454

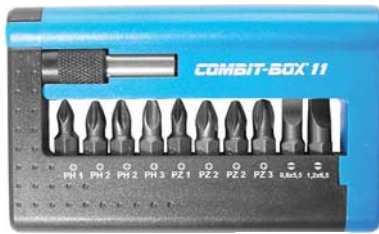
In sturdy plastic container, with support function, ideal for universal usage.

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 **46,50**

2013GB *new*



1/4"

Orig. Witte - Art. 28455

Product description as Art. 2013GA

The set contains 11 pcs:

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 assortment.

2013GB Each **48,40**

2013GE *new*



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
1 x TORX head bit Art. 1991 GLx40
1 x universal connection with ring E 6.3
Complete assortment.

2013GE Each **52,20**

2013GL *new*



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 **68,60**

ASSORTED BITS, 1/4" RATCHDRIVE CONNECTION

Orig. Witte - Art. 251012000

Reversible ratchet handle with built in D+S 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 **35,20**



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 **35,70**



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 **38,60**



ASSORTMENTS OF 1/4" SHANK BITS, DIN 3126 BITCAS

Orig. Witte - Art. 31201

In a practical and robust plastic box, with a transparent cover and belt clip.

Set of 32 pieces:

- 2 Phillips bits Art. 1991GBx1
 - 5 Phillips bits Art. 1991GBx2
 - 2 Phillips bits Art. 1991GBx3
 - 2 Pozidriv bits Art. 1991GCx1
 - 5 Pozidriv bits Art. 1991GCx2
 - 2 Pozidriv bits Art. 1991GCx3
 - 2 TORX impression bits Art. 1991GLx10
 - 2 TORX impression bits Art. 1991GLx15
 - 2 TORX impression bits Art. 1991GLx20
 - 2 TORX impression bits Art. 1991GLx25
 - 2 TORX impression bits Art. 1991GLx30
 - 2 TORX impression bits Art. 1991GLx40
 - 1 male adapter for square connection sockets 1/4"
 - 1 universal magnetic connection with ring.
- Complete set.

2015GR Each **20,80**



**For alternative assortment see Art. 984 GZA 4.
Product running out of stock**

2016GB**SCU**

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

2016GB Each **42,30****2016GE****SCU**

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

2016GE Each **43,50****2018G****WITTE**
WERKZEUGE

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

2018G Each **43,70****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 165mm, 1/4" hexagonal. Handle 117x37mm 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

2021G Each **75,70****Loose blades available on request.**

DISPLAY UNITS FOR 1/4 SHANK BITS, DIN 3126 WITTE - CENTER

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. |

2022G Each **198,76**



2022G



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. |

2023G Each **595,60**



2023G



8

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 **89,40**



2025G



GAUGES FOR TORX SCREWS

2030G GEDORE

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	8,00
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APPARATUS FOR MAGNETIZATION AND DEMAGNETIZATION

2040G SCU

Prod. SCU

Body made of unbreakable plastic material, without cadmium. For magnetizing and demagnetizing screwdriver blades, bits, etc.

2040G	Each	9,46
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SAFETY VEST

2050 SCU

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
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CLIMBING IRONS

2060G SCU

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
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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
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Belts without ropes are supplied on request.

Spare safety rope, length 2m, with spring catch and buckle for Art. 2062.

O2062	Each	38,10
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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 **39,80**



2063A



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**



2063E



Combination of harness Art. 2063 A and positioning belt 2062. In compliance with UNI-EN 358/361 standards.

2064A Each **137,00**



2064A



Combination of harness Art. 2063 E and positioning belt 2062. In compliance with UNI-EN 358/361 standards.

2064E Each **161,00**



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 **206,00**

Product description as Art. 2070F

Rope length: 20m.

2070L Each **223,00**



2070F
2070L



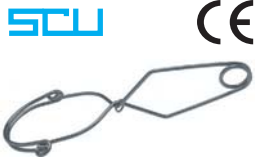
Dissipator device that absorbs energy after a fall. Supplied with polyamide rope, strap with high ultimate tensile strength and 2 safety karabiners. Total length: 2m approx. It can be equipped with scaffolding anchor pliers.

2070P Each **109,00**



2070P



2070S
2070T


Scaffolding anchor pliers, opening Ø 100 mm.

2070S	Each	56,20
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Scaffolding anchor pliers, opening Ø 140 mm.

2070T	Each	59,60
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INDUSTRIAL SAFETY HELMETS

2071A
new
**Prod. SCU**

Reinforced helmet in polyethylene with adjustable shell.

Made in compliance with EN 397 standards.

Yellow color.

2071A	Each	8,08
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2071B


Product description as Art. 2071A

White colour.

2071B	Each	8,08
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For muffs to be mounted on helmets 2071 B see Art. 2071 BE.

2071BA


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	134,00
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EAR PROTECTORS

2071BC
**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	73,50
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2071BE


Model for direct helmet application as per 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	29,10
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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**

SCU



2071C



Product description as Art. 2071C
Strong insulation type for constant noise. Headband and adjustable, padded ear shells.

2071D Each **37,70**

SCU



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



2071DA
new



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.
Made in compliance with EN 352-1 standards.
Standard type, with padded rotating ear shells.

2071E Each **15,10**

SCU



2071E



EAR PLUGS

Prod. SCU
In foam, soft and comfortable material.
In package unit of 250 pairs.

2071F Per pack **132,00**

SCU



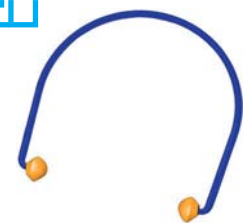
2071F



With headband and round-shaped plugs, in soft, washable plastic material. Indicated for high constant noise.

2071H Each **11,10**

SCU



2071H



Pair of spare plugs for Art. 2071 H.

OT2071H Per pair **5,52**

With cord and cone-shaped plugs in soft, washable plastic material. Indicated for strong discontinuous noises.

2071M Each **5,60**

SCU



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 **1,52**
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).

In accordance with standards EC-EN 149 Level FFP1.

2071P 1 Each **2,82**
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).

In accordance with standards EC-EN 149 Level FFP2.

2071P 2 Each **3,40**
2071P 3 SCU

CE

Professional with double layer filter, with exhalation valve, total sealing edge, nose clip and elastic heat-sealed.

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 **5,90**
2071P 4 SCU

CE

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 **9,02**

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 **3,68**

SCU



2071P 6

CE

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).
 In compliance with CE-EN 149 standards. Level FFP2.

2071R Each **5,18**

SCU



2071R

CE

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 **9,60**

SCU



2071T

CE

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).

In compliance with CE-EN 149 standards. Level FFP2.

2071Z Each **3,40**

SCU



2071Z

CE

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 **8,00**

SCU



2071Z 3

CE

PROTECTIVE HELMETS

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 **29,60**

SCU



2071ZA
new

CE

2071ZC
new
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 **196,00**
2071ZE
new
SCU


Interchangeable filters with bayonet coupling for masks 2071 ZA and 2071 ZC. Manufactured according to EN 14387 (for gas and combined substances) and EN 143 (for particulates). P3R type. From toxic dust protection.

2071ZE Each **10,50**
2071ZF
new
SCU


Product description as Art. 2071ZE
 A2 type. Protection against gases and organic vapors, class 2.

2071ZF Each **9,06**
2071ZG
new
SCU


Product description as Art. 2071ZE
 A2P3R type. protection against gases and organic vapors, class 2 and toxic dust.

2071ZG Each **17,60**
2071ZH
new
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 **20,60**

TOOL POCKETS

2071ZL
SCU


Prod. SCU
 Professional type in sturdy polyesther. 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 **12,90**
For pouches Art. 2071 ZL complete with tools see Art. 985 GA 13.
2071ZM
SCU


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 **15,70**
For pouches Art. 2071 ZM complete with tools see Art. 359 A - 985 GA 16.

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	75,40
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For bags Art. 2071 ZP complete with tools see Art. 985 GM.



Handy box professional type with incorporated trolley, 2 hard rubber wheels on ball bearings and telescopic handle. Made of 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 (cell phone, pens, etc.). Lower space with zip and plastic storage case. Padded carrying handle. Weight: 4.3kg.
 Dimensions: 410x260x480h mm.

2071ZT	Each	142,00
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For bags Art. 2071 ZT complete with tools see Art. 359 P - 985 P.


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 (cell phone, pens, etc.). Adjustable padded shoulder straps, carrying handle. Weight: 1.3kg.
 Dimensions: 320x120x400h mm.

2071ZV	Each	45,10
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For rucksacks Art. 2071 ZV complete with tools see Art. 985 G 25.


COMBINED TOOL BAGS
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

Dimensions	mm	440x330x230 h
2072	Each	104,00


TOOL VESTS
Prod. SCU

Professional model in reinforced polyester, practical and robust for working comfort. Zip closure, with 9 multi-purpose pockets of different dimensions, pen holder pocket, through-hole for coat-holding, 1 x tongue-shaped karabiner hook, 1 x through hole with ring holder for tools.
 One size fits all with 4 adjusting buckles.

2072 1	Each	58,10
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SITTING TOOL BAGS

2072 3


**Prod. SCU - Orig. Hepco & Becker**

Practical combination of capacious tool bag and folding stool with a high load capacity (120 Kg). Made of reinforced polyester, particularly functional and robust. 1 very large compartment with practical bags 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 84,30

Product running out of stock

UNIVERSAL BAGS

2072 6A


**Orig. Peddinghaus - Art. 6443000010**

Made of 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 220x210

2072 6A Each 25,20

2072 9


**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 35,20

2072 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 metal support. With adjustable belt made of fabric. Ideal for carpenters, maintenance personnel, building personnel, joiners etc.

Dimensions mm 550x210

2072 10 Each 18,10

2072A




In genuine hide, belt with buckle and ring. 3 compartments plus one big pocket.

Dimensions mm 240x60x350 h

2072A Each 52,40

BELTS

2072L


**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 bags Art. 2071 ZL - ZM - 2072 4.

2072L Each 21,50

UNIVERSAL BAGS

Prod. SCU

Made of 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



Made of 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



In genuine, natural, heavy-duty leather.
 Sturdy structure, accurate seams, carrying strap and 2 buckle locks in genuine leather.
 Colour: black. Indicated for electricians, aerial fitters, etc.

Art.	2074A	2074B	2074C	2074E
Dimensions	mm	300x110x200 h	350x115x220 h	400x140x250 h 500x150x250 h
Each	60,50	67,40	74,30	86,40

SCU



2074A
2074B
2074C
2074E



Made of 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

SCU

2074P
2074R
2074S



Made of 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

SCU

2074V
2074Z



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	82,30

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	93,30	98,50	104,00

For universal bags Art. 2075 S complete with tools see Art. 986 G/8.

2076GA
2076GB
2076GBB
2076GC
2076GD
2076GE

SCU



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	8,62

Product description as Art. 2076GA

With 8 pockets

Dimensions	mm	400x300
2076GB	Each	9,32

Product description as Art. 2076GA

With 10 pockets

Dimensions	mm	500x325
2076GBB	Each	9,68

Product description as Art. 2076GA

With 12 pockets

Dimensions	mm	560x325
2076GC	Each	10,60

Product description as Art. 2076GA

With 15 pockets

Dimensions	mm	660x330
2076GD	Each	12,10

Product description as Art. 2076GA

With 20 pockets

Dimensions	mm	750x330
2076GE	Each	14,10

For universal bags Art. 2076 GE complete with tools see Art. 985 GL.

2076GL

SCU



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	34,50

Bag type with shoulder strap. Made of 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	115,00

SCU

2076GP



Briefcase model with handle and latches complete with keys.
Made from 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	101,00

SCU

2077GA



Case type with handle.
Made of leather, snap locks with keys.
Bottom and side walls reinforced with metal plate. Ample central compartment with adjustable holders.
Front wall opens for easy access. Connections for conveyor belts. Weight 2.2 Kg.

Dimensions	mm	420x155x255 h
2077GD 5	Each	149,00

**For bags Art. 2077 GD 5 complete with tools see Art. 986 G 6.
For conveyor belts see Art. 2078 GH.**

SCU

2077GD 5



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.
Weight: 2.6kg

Dimensions	mm	420x160x270 h
2077GF 6	Each	169,00

For carrying straps see Art. 2078 GH.

SCU

2077GF 6



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	183,00

2077GM SCU


Case type with handle.
In reinforced leather, 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.

2077GP SCU

Prod. SCU - Orig. Hepco & Becker

Carrying case model with handle. CRMade from 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	211,00

For conveyor belts see Art. 2078 GH.

2078G 5 SCU

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 8 SCU


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

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	229,00

Product running out of stock

SCU



2078GD

UNIVERSAL BAGS WITH WHEELS

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

SCU



2078GE

ACCESSORIES FOR UNIVERSAL BAGS

Prod. SCU - Orig. Hepco & Becker

BAG ACCESSORIES

Adjustable carrying straps in fabric with shoulder-protection and 2 snaps.

Dimensions	mm	1130x25h
2078GH	Each	17,60

SCU



2078GH

Product description as Art. 2078GH

Leather connections with metal ring.

2078GH 1	Per pair	9,32
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SCU



2078GH 1

8

TOOL-CASES IN POLYPROPYLENE

Orig. Carolus - Art. 2034.001

Made of 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	212,00

carolus
by GEDORE



2078GH 3

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. Equipped with 1 double panel, 1 carrying insert with adjustable dividers, lid and pocket for documents. Weight: 5.4kg

Dimensions	mm	460x310x180 h
2078GH 6	Each	158,00

2078GH 8 SCU


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 double panel, 1 carrying insert with adjustable dividers, lid and pocket for documents. Weight: 6.1kg

Dimensions	mm	470x360x200 h
2078GH 8	Each	169,00

For cases Art. 2078 GH 8 complete with tools see Art. 986 GE 3.

2078GH 10 SCU


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

2078GH 12 SCU


Made from 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

ABS TOOL HOLDER SUITCASES, "CARGO" SERIES
Prod. SCU - Parat

Industrial type.
 High-resistant ABS material, shock-proof, shape retaining, reinforced.
 With sturdy, special double frame, in duraluminium. The concealed frame gives the suitcase a particular elegant look. Rounded edges, hermetic closure with two steel locks and keys.
 Articulated handle, sturdy and ergonomic.
 Complete with 1 double-wall panel with patented storage system, for easy and precise tool location, for tools with thickness up to 11 and 15mm. Carrying insert with adjustable dividers, cover and patented storage system for tools with thickness up to 26mm. Panel for calculator, block-notes, documents and pens.
 Weight 4.5kg. Load up to 40kg. Also suitable for air travel.

Dimensions	mm	460x310x140 h
2079GD	Each	331,00

Product running out of stock

SCU
2079GD

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	277,00

SCU
2079GE 1


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 double panel with pockets and rubber bands, 1 carrying insert with adjustable dividers, lid and pocket for documents.

Weight: 6.5kg.

Dimensions	mm	470x360x220 h
2079GE 2	Each	406,00


SCU
2079GE 2

Prod. SCU - Orig. Hepco & Becker

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	467,00

SCU
2079GE 4
new


2079GE 5 


Industrial model, with wheels integrated onto ball bearings, made from rubber, very strong. Telescopic system, adjustable, can be towed easily. Made from 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	578,00

TOOL CASES IN ABS "PARATOOL" SERIES WITH WHEELS
2079GF 

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

TOOL CASES IN ALUMINIUM
2079GFE 
new

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	146,00

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: 5.6kg.

Dimensions	mm	440x350x170 h
2079GH 1	Each	394,00

SCU



2079GH 1

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: 6kg.

Dimensions	mm	450x360x170 h
2079GH 5	Each	560,00

SCU



2079GH 5

TOOL CASES IN ALUMINIUM "CLASSIC" SERIES

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 30. Also suitable for air travel.

Dimensions	mm	460x310x170 h
2079GL 3	Each	557,00

SCU



2079GL 3

8

STORAGE CASES IN POLYPROPYLENE

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 extractible 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	77,30
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Individual trays not supplied.

SCU



2079LA

TOOL BOXES IN STEEL

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	430x210x100 h 480x210x100 h
Each	30,30	33,50

SCU



2079LE
2079M

2079ME SCU
2079P
2079PE



Product description as Art. 2079LE

3 compartments type.

Art.....	2079ME	2079P	2079PE
Dimensions	mm 430x200x150 h	480x200x150 h	580x200x150 h
Each	38,40	41,70	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.

2079PF SCU
2079R
2081B



Product description as Art. 2079LE

5 compartments type.

Art.....	2079PF	2079R	2081B
Dimensions	mm 430x200x210 h	480x200x210 h	580x200x210 h
Each	58,10	60,50	73,50

For tool boxes Art. 2081 B complete with tools see Art. 987 B.
 For Orig. Gedore tool boxes see Art. 987 E - 987 GF.

INSTALLATION TOOL BOXES IN STEEL

2081G GEDORE



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	160,00

ALL-PURPOSE TOOL BOXES

2081Z SCU
2082A
2082B
2082C



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	178,00	270,00	346,00	394,00

2083G GEDORE
2083GA
2083GB
2083GC
2083GD



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	281,00	422,00	458,00	557,00	481,00

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	112,00	116,00	117,00	117,00

GEDORE



2083GF
2083GH
2083GL
2083GP

STORAGE CASES IN POLYPROPYLENE

Prod. SCU

Made from resistant polypropylene, indeformable, unbreakable, antirust, shock-proof.

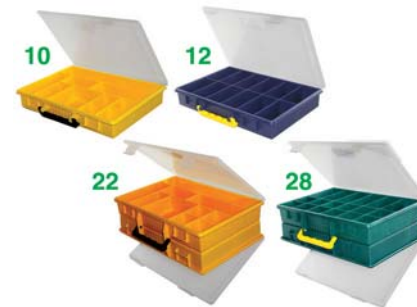
With lid, 2 quick-action locks, stable hinges, foldable handle.

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	11,80	11,80	17,30	17,30

SCU

2083T



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	420x350 x60h
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2083V	Each	19,70
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SCU

2083V



POLYPROPYLENE STORAGE CASES

Orig. Carolus - Art. 2032.00

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
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2083Z	Each	150,00
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carolus
by GEDORE

2083Z



TOOL-BOXES IN POLYPROPYLENE

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
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2084	Each	8,16
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SCU

2084



Product description as Art. 2084

One tool compartment and 2 drawers for small parts, hinged. With one lock.

Dimensions	mm	380x200x175 h
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2084A	Each	12,10
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SCU

2084A



2084M**SCU**

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	8,74

2084N**SCU**

Product description as Art. 2084M

With one lock. Hole for padlock.

Dimensions	mm	415x210x200 h
2084N	Each	12,10

For boxes Art. 2084 N complete with tools see Art. 987.

2084P**SCU**

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	12,80

2085GD**SCU**

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	41,70

2085GE**SCU**

Product description as Art. 2085GD

With two locks.

Dimensions	mm	480x240x260 h
Weight	Kg	1,8
2085GE	Each	51,70

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	24,20


2085R


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	33,30


2085S


For boxes Art. 2085 S complete with tools see Art. 987 A 5.

TOOL-BOXES IN POLYPROPYLENE WITH WHEELS
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	48,80


2086F


Professional model in resistant polypropylene.

Indeflexible, unbreakable, antirust, shock-proof, waterproof. Carrying fold-down handgrip. Ergonomic fold-down handle. Wide compartment, removable insert, 2 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	96,10


2086FA

TOOL-BOXES IN POLYPROPYLENE
Prod. SCU - Parat

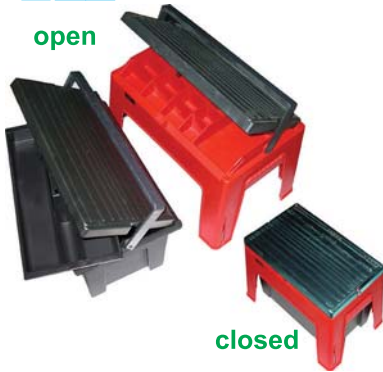
Industrial type, in resistant polypropylene. Indeflexible, unbreakable, anti-rust, shock-proof, resistant to attack by oils and acids. Compartment with large stowage capacity and handy removable insert. Airtight hooked lock for maximum safety and impermeability. Sturdy fold-down handle (when the handle is up, the box is automatically locked) and eyelet for padlock. With two locks.

Dimensions	mm	580x290x280 h
Weight	Kg	3,0
2086G	Each	69,80


2086G


TOOL-BOXES IN POLYPROPYLENE WITH STOOL
2087P **SCU**

open



closed

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	48,10

TOOL-BOXES IN POLYPROPYLENE WITH WHEELS
2088 **SCU**

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.

Dimensions	mm	450x270x630 h
2088	Each	89,50

MODULAR TOOL-BOXES IN ABS
2088A **SCU**
new

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. 2090 30) Box size mm 464x335x142h.

Empty box.	2088A	Each	55,10
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2088B **SCU**
new


Product description as Art. 2088A

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	71,20
--------------	------	--------------

Product description as Art. 2088A

Box size mm 464x335x142h.

Box Art. 2088 A with sponge in the lid and tray with 18 fixed slots for parts.

2088C Each **67,10**

SCU



2088C
new

Product description as Art. 2088A

Box size mm 464x335x142h.

Box Art. 2088 A with sponge in the lid and tray with 18 fixed slots for parts.

2088D Each **74,10**

On request we will supply single loose trays.

SCU



2088D
new

Product description as Art. 2088A

Box size mm 464x335x212h.

Empty box.

2088E Each **62,90**

SCU



2088E
new

Product description as Art. 2088A

Box size mm 464x335x212h.

Box Art. 2088 E with tool panel with elastic slots, on the cover.

2088F Each **80,20**

SCU



2088F
new

Product description as Art. 2088A

Box size mm 464x335x362h.

Empty box.

2088G Each **82,60**

SCU



2088G
new

2088H SCU
new



Product description as Art. 2088A

Box size mm 464x335x362h.

Box Art. 2088 G with 2 toolholder panels with elastics slots in the bottom of the box.

2088H	Each	152,00
--------------	------	---------------

2088L SCU
new



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	68,80
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TROLLEYS

2089 SCU



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 bags, 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	121,00
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8

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
Arc length	mm	45	55	65
2091	Each	5,32	7,90	12,30

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

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



2093

TAPS SEAT REAMERS

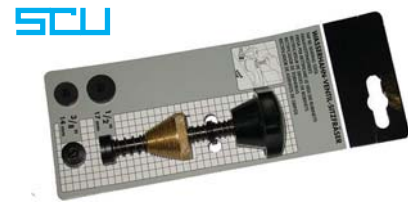
Prod. SCU

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	13,40
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2098

Professional type

To cut the taps seat with inside threading

With 4 cutters of 3/8"-1/2"-3/4"-1" inches.

2099	Each	46,80
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2099

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	46,80
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2100

Spare cutter for Art. 2098 - 2098 E - 2099 - 2100.

Ø	inch	1/8	1/4	3/8	1/2	3/4	1
2101	Each	4,16	4,16	3,98	3,98	4,20	4,58



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	0,38	0,40	0,48	0,60	0,80	1,08	1,30



2119

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	1,86	2,48	3,48

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	1,76	2,04	2,60	3,38	4,50	7,82	11,10	20,90



2119E

2120 SCU


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	11
Working load	Kg	37	37	225	425	550
Breakage load	kN	1,5	1,5	9	17	22
2120	Each	6,32	6,60	7,78	10,60	13,30

2121 SCU INOX


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	11
Working load	Kg	85	120	300	500	700
Breakage load	kN	3,5	5	15	22	28
2121	Each	7,50	8,06	11,50	18,60	23,60

STEEL KARABINERS WITH LOCKING RING
2122 SCU


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	11
Working load	kN	2,25	4,25	5,50
Breakage load	kN	9	17	22
2122	Each	10,70	13,70	16,20

2123 SCU


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	1,08	1,80	2,54

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	0,52	0,62	0,66	1,18	2,28	3,56

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	1,28	1,80	3,24	6,12	10,80	17,20

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	30	40	50	60
Throat width	mm	9	9	12	12
2130	Per pair	68,90	82,40	95,50	120,00

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
Load capacity	Kg	100	150	150	250	250	500	1000
2132A	Each	42,70	45,20	54,10	62,70	68,90	85,70	104,00

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
Load capacity	Kg	100	150	250	500	500	1000	1000
2132B	Each	58,10	62,10	76,60	99,90	108,00	128,00	160,00

SCU



2132B

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
Load capacity	Kg	150	250	500	1000	1000	1500	2000
2132C	Each	75,80	84,20	102,00	132,00	141,00	172,00	219,00

SCU



2132C

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
Load capacity	Kg	100	150	150	250
2132D	Each	70,10	78,10	91,90	99,20

SCU



2132D

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
Load capacity	Kg	1500	2000	4000
2133A	Each	281,00	350,00	662,00

SCU



2133A

Product description as Art. 2133A

2-wheels pulley blocks.

Throat bottom wheel Ø	mm	150	170	230
Rope Ø	mm	8	9	12
Load capacity	Kg	2000	3000	5000
2133B	Each	400,00	518,00	809,00

SCU



2133B

Product description as Art. 2133A

3-wheels pulley blocks.

Throat bottom wheel Ø	mm	115	150	190
Rope Ø	mm	6	8	10
Load capacity	Kg	2000	3000	5000
2133C	Each	452,00	584,00	813,00

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
Load capacity	Kg	1000	1500	2000	3000	4000
Weight	Kg	4,3	5	7,5	10,5	16,5
2133F	Each	147,00	170,00	210,00	278,00	392,00

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.

Load capacity	Kg	750	1500	3000
Chain paths	Nr	1	1	1
Max strain on lever	Kg	14	22	32
Minimum distance between hooks	mm	325	360	470
Weight with chain	Kg	7	11	21
2133H	Each	273,00	343,00	508,00

SCU



2133H



2133L SCU



CE

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.

Load capacity	Kg	500	1000	2000	3000
Chain paths	Nr	1	1	1	2
Strain on operating chain	Kg	22	30	45	34
Minimum distance between hooks	mm	255	306	386	486
Weight with chains	Kg	8	10	18	24
2133L	Each	127,00	136,00	185,00	422,00

Misura 3000 in esaurimento.

BEAM CLAMPS

2133M SCU



CE

Prod. SCU

Manufactured in compliance with EUROPEAN standards. Suitable for fixing lever hoists (Art. 2133 H) and chain hoists (Art. 2133 L) on double-T beams. In special steel, with threaded screw and bolster for fast and safe adjustment.

Load capacity	Kg	1000	2000	3000
Min/max beam width	mm	75 to 220	75 to 220	80 to 320
Pliers min/max width	mm	180 to 360	180 to 360	235 to 490
Beam thickness	mm	26	26	35
Pliers lateral thickness	mm	64	74	103
Hoist drive Ø	mm	22	22	24
Weight	Kg	4,5	5	10,5
2133M	Each	71,20	79,50	143,00

Product running out of stock

TROLLEYS FOR MANUAL COAIN HOISTES

2133P SCU



CE

Prod. SCU

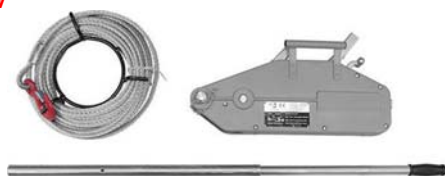
Manufactured in compliance with EUROPEAN standards. Pushing movement, apt for manual chain hoists (art. 2133 L), sliding on lower flange of double T-beams, conical and flat. With fall-protection and anti-tilting devices. Possibility to change the distance between wheels. In special steel, with wheels on ball bearings.

Load capacity	Kg	500	1000	2000
Min/max beam width	mm	50 to 150	65 to 200	90 to 200
Weight	Kg	5	8,7	13,9
2133P	Each	126,00	187,00	279,00

WINCHES

2133PE SCU

new



CE

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 load capacity	Kg	1200	2500	5000
Weight	Kg	6	12	22
Dimensions	mm	426x170	545x190	660x220
2133PE	Each	461,00	645,00	1.100,00

2133R SCU



CE

Product description as Art. 2133PE

Winch without rope and hook.

Lifting load capacity	Kg	1600	3200
Traction load capacity	Kg	2500	5000
Weight	Kg	11	22
Dimensions	mm	545x280x97	660x325x116
2133R	Each	372,00	644,00

Product running out of stock

10m long rope with hook for Art. 2133 R x 1600.

2133T 10 Each **124,00**

Product running out of stock

30m long rope with hook for Art. 2133 R x 1600.

2133T 30 Each **292,00**

Product running out of stock

SCU

CE 2133T 10
2133T 30



10m long rope with hook for Art. 2133 R x 3200.

2133U 10 Each **170,00**

Product running out of stock

20m long rope with hook for Art. 2133 R x 3200.

2133U 20 Each **307,00**

Product running out of stock

30m long rope with hook for Art. 2133 R x 3200.

2133U 30 Each **444,00**

Product running out of stock

SCU

CE 2133U 10
2133U 20
2133U 30



EYE HOIST HOOKS

Prod. SCU

Fixed type, made from special hardened carbon steel. Safety latch.

Painted finish. Marked with load limit in tons.

Load 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	3,90	5,26	8,30	12,30	19,50	37,60	67,90

The above-mentioned dimensions may vary at the manufacturer's discretion.

SCU

2133V



CE

Fixed model, made from GRADE 80 stainless steel, hardened. Safety lock.

Enamel finish. Provides an indication of flow rate in tonnes.

Load 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	5,46	11,10	14,40	29,90	59,30	130,00

The above-mentioned dimensions may vary at the manufacturer's discretion.

SCU

2133VE



CE

Swivel type, made from special hardened carbon steel. Safety latch.

Painted finish. Marked with load limit in tons.

Load 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	10,30	12,10	18,70	21,70	27,20	56,20	89,10

The above-mentioned dimensions can vary at the manufacturer's discretion.

SCU

2133Z



CE

Rotary model, made from GRADE 80 stainless steel, hardened. Safety lock.

Enamel finish. Provides an indication of flow rate in tonnes.

Load 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	7,64	19,40	21,70	36,10	77,20	146,00

The above-mentioned dimensions may vary at the manufacturer's discretion.

SCU

2133ZE



CE

CABLE CLAMPS

2134E
2134G
2134GA
2134GB
2134GC

SCU



Prod. SCU
Self-clamping type.
For steel cables, copper cables and steel ropes.
In forged steel, long hardened anti-sliding cheeks.

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		73,80	104,00	120,00	169,00	356,00

2134GD
2134GE
2134GF

SCU



Self-clamping type.
For ALUMINIUM cables and ropes.
In forged steel, long hardened anti-sliding cheeks.

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		108,00	125,00	173,00

2134GH
2134GL
2134GP
2134GR

SCU



Frog-shaped type.
For steel cables. With hardened knurled cheeks.

Art.....		2134GH	2134GL	2134GP	2134GR
For cable Ø	mm	1-4	1-5	1-8	1-12
Each		29,60	34,40	38,40	56,40

MANUAL TWISTERS

2140G

schröder



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	9,20

AUTOMATIC TWISTERS

2142G

schröder



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	29,50

TURNBUCKLES

2150

SCU



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	1,32	1,90	2,64	3,80	5,56	7,56	11,50

Screw Ø	M.	18	20	22	24
Working load	Ton	1,5	1,8	2,25	2,8
2150	Each	19,20	19,50	26,20	36,60

Size M 5 not marked "CE" for small dimension.

2151

SCU



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	1,32	1,90	2,64	3,80	5,56	7,56	11,50

Screw Ø	M.	18	20	22	24
Working load	Ton	0,45	0,65	0,9	1,2
2151	Each	19,20	19,50	26,20	36,60

Size M 5 not marked "CE" for small dimension.

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	1,32	1,90	2,64	3,80	5,56	7,56	11,50

Screw Ø	M.	18	20	22	24
Working load	Ton	0,45	0,65	0,9	1,2
2151E	Each	19,20	19,50	26,20	36,60

Size M 5 not marked "CE" for small dimension.

SCU

2151E



CE

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	9,08	12,60	25,90	28,90	46,50	62,10	67,30

SCU

2151T



CE

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	4,80	6,48	10,70	18,60	32,70

SCU

INOX

2152



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	4,80	6,48	10,70	18,60	32,70

SCU

INOX

2153



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	0,12	0,14	0,16	0,20	0,28	0,34	0,46

For ropes Ø	mm	14	16	20	22	25
2155	Each	0,54	0,74	1,68	1,80	2,48

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	0,34	0,42	0,54	0,60	0,88	0,92	1,38

For ropes Ø	mm	14	16	20	22	24
2156	Each	1,58	1,90	2,90	3,16	3,72

SCU

2156



CE

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	0,46	0,68	1,12	1,32	1,58	1,90	2,56

Pivot Ø	mm	16	20	22	25
Working load	Ton	1	1,6	2	2,5
2157	Each	3,82	6,62	8,94	12,30

SCU

2157



CE

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	1,42	1,56	2,22	2,96	3,90	6,28	10,20

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	15,70	22,70	31,60	40,40	56,20	73,10

SCU

 2157E
new


CE

2158A SCU



INOX

Stainless steel type AISI 316.
Stainless steel thimbles.

For ropes Ø	mm	3	4	5	6	8	10	12
2158A	Each	0,42	0,48	0,54	0,80	1,34	2,32	3,00
For ropes Ø	mm	14	16	20				
2158A	Each	5,36	7,82	11,90				

2158B SCU



INOX

Product description as Art. 2158A
Stainless steel rope clips.

For ropes Ø	mm	3	5	6	8	10	12	14
2158B	Each	1,14	1,42	1,58	2,40	3,70	5,98	6,76
For ropes Ø	mm	16	20	22	26			
2158B	Each	9,18	13,10	17,60	21,10			

2158E SCU



INOX

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	1,52	1,58	2,08	3,70	6,34	11,10	16,30
Pivot Ø	mm	16	20					
Working load	Ton	0,80	1					
2158E	Each	23,50	38,70					

2158F SCU



INOX

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	4,08	6,90	12,10	17,90	25,90	42,70

For the dimensions of redances - shackles - clips see technical tables at the end of the catalogue.

MALE AND FEMALE EYEBOLTS

2159T SCU



CE

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	0,80	0,82	1,22	1,72	2,56	2,62	3,88
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
2159T	Each	3,94	7,96	8,10	16,40	16,90	30,30	47,20

2160 SCU



CE

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	0,84	0,84	1,28	1,80	2,66	2,74	4,06	4,12
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	8,24	8,44	17,20	17,80	31,10	48,60	74,60	74,60

The measurement MF 48x3 is fine pitch.

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	4,36	4,50	7,98	12,60	21,20	31,70

SCU



INOX **2160F**

AISI 316 stainless steel, forged type. With round eye.

Male eyebolts, INOX, 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	4,68	4,86	8,60	13,40	22,60	33,80

SCU



INOX **2160L**
new



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	0,80	0,82	1,22	1,72	2,56	2,62	3,88
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
2160T	Each	3,94	7,96	8,10	16,40	16,90	30,30	47,20

SCU



2160T



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	0,84	0,84	1,28	1,80	2,66	2,74	4,06
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	4,12	8,24	8,44	17,20	17,80	31,10	48,60

SCU



2161



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	4,36	4,50	7,98	12,60	21,20	31,70

SCU



INOX **2161F**

AISI 316 stainless steel, forged type. With round eye.

Female eyebolts, INOX, 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	4,68	4,86	8,60	13,40	22,60	33,80

SCU



INOX **2161L**
new



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.

Made of 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	32,50	34,10	35,80	37,50	58,60	87,70

SCU



CE **2162**

BETA COTTER PINS
2165 **SCU**

Prod. SCU

Galvanised steel model.

Tension rod Ø	mm	2	3	3,5	4	5	6
2165	Each	0,10	0,16	0,20	0,24	0,50	0,82

2165F **SCU**

INOX

AISI 304 stainless steel model.

Tension rod Ø	mm	2	3	4	5	6
2165F	Each	0,32	0,66	1,18	2,36	3,70

SNAP COTTER PINS
2165P **SCU**
new

Prod. SCU

Galvanised steel type

Pivot Ø	mm	4,5	6	8	10
2165P	Each	0,62	0,66	0,70	0,80

TROLLEYS FOR RADIATORS
2200A **SCU**

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	628,00
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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	825,00
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ADJUSTABLE JACK STANDS
2215 **SCU**
new

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 load capacity	Kg	3000	6000
Min height	mm	288	395
Max height	mm	425	605
Each column weight approx.	Kg	3,2	6,5
2215	Per pair	69,40	128,00

For garages and repair shops.
Sturdy and safe. Finely painted.
Standard type.

Art.		2216A	2216B	2216C
Max load 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		56,80	68,50	128,00



2216A
2216B
2216C

For heavy loads, with 5 position holes and adjustment pin.
Reinforced type with carrying handle.

Art.		2216P	2216S
Max load capacity	Kg	8000	12000
Min height	mm	450	450
Max height	mm	740	740
Weight	Kg	20	26
Base		square	square
Each		330,00	399,00



2216P
2216S

HYDRAULIC GARAGE JACKS

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.

	Kg	2000	3000
Capacity on fine plate	Kg	2000	3000
Min lifting	mm	135	145
Max lifting	mm	330	500
Trolley length	mm	460	640
Weight	Kg	8	36
2216V	Each	104,00	357,00



SCU

CE

2216V
new

3000

2000

Hydraulic type, for garages and repair shops. Sturdy and ribbed finish.

	Kg	1200	1500	3000	5000
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	601,00	769,00	965,00	1.290,00



SCU

CE

2217

8

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. Safety overload valve. Sector lever in the package.

	Kg	2000	3500	5000	8000	10000
Max load 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	115,00	129,00	146,00	171,00	179,00

	Kg	12000	15000	20000	25000	30000
Max load 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	193,00	212,00	274,00	394,00	407,00

Sets of spare gaskets for Art. 2220 G.

	Kg	2000	3500	5000	8000	10000
Max load capacity	Kg	2000	3500	5000	8000	10000
O2220G	Each	31,10	31,10	45,70	51,90	51,90
Max load capacity	Kg	12000	15000	20000	25000	30000
O2220G	Each	45,70	48,60	47,70	35,30	68,50

WEBER-HYDRAULIK

CE

2220G



THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.

2220GS

**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. Indeflexible, high-seal gaskets.

With lever.

Max load 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 hand pump	t.	12,5	25
Flow rate II right hand pump	t.	50	100
Reinforced base	mm	290x235	330x295
2220GS	Each	1.110,00	4.120,00

Sets of spare gaskets for Art. 2220 GS.

Max load capacity	Kg	50000	100000
O2220GS	Each	118,00	222,00

THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.
Size 100000 is running out of stock

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.

With lever.

Max load 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	426,00

Sets of spare gaskets for Art. 2221 GA.

O2221GA	Each	56,40
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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.

With lever.

Max load 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	446,00

Sets of spare gaskets for Art. 2222 G.

O2222G	Each	56,40
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THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.

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.

With lever.

Max load 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	204,00	265,00

Sets of spare gaskets for Art. 2223 G.

Max load capacity	Kg	4000	10000
O2223G	Each	37,40	51,90

THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.



2223G



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 load 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	262,00	353,00

The tool with the load capacity kg. 3000 has the plate concave instead of flat.

Sets of spare gaskets for Art. 2224 G.

Max load capacity	Kg	3000	5000
O2224G	Each	58,10	64,10

THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.



2224G



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 load 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	429,00	509,00

Sets of spare gaskets for Art. 2225 G.

Max load capacity	Kg	10000	12000
O2225G	Each	56,40	48,60

THE HYDRAULIC JACKS ARE ONLY LIFTING TOOLS AND THEY HAVE TO BE USED IN COMBINATION WITH SUPPORT BRACKETS.



2225G



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	239,00
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Folding workbenches see also Art. 994 GBR.



RIPIANO REVERSIBILE

TROLLEYS FOR UNDER-CAR REPAIRS
2227**GEDORE****Orig. Gedore - Art. 905**

In polypropylene, comfortable, anatomic, well tolerated by the skin, resistant to oils, grease and brake liquids.

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 **104,00**

2227A**SCU****Prod. SCU**

In painted steel sheet.

On 4 pivoting wheels.

With headrest.

Length mm 1000

Width mm 440

2227A Each **143,00**

2227B**SCU**

Product description as Art. 2227A

With mattress for maximum comfort.

Length mm 1000

Width mm 480

2227B Each **232,00**

HIGH BOARDS
2227B 3**GEDORE****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 **18,20**

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 **190,00**

MOBILE HYDRAULIC CRANES
2227D**SCU****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 **928,00** **1.360,00**

CRANE DIMENSIONS Art. 2227 D

Power 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

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	1.210,00	1.660,00
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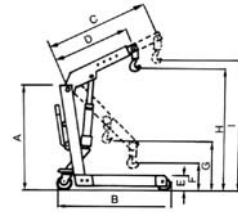
CRANE DIMENSIONS Art. 2227 E

Power 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

SCU



2227E



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 load capacity	Kg	250	500	1000
Weight	Kg	24	35	42

2227F	Each	555,00	683,00	919,00
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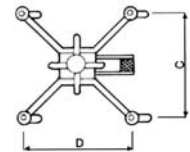
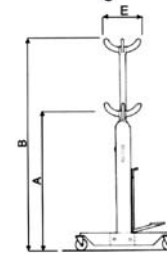
LIFTER DIMENSIONS Art.2227 F

Power kg	A	B	C	D	E
250	1100	1910	380	410	320
500	1130	1930	500	410	350
1000	1150	1930	500	540	360

SCU



2227F



RATCHET JACKS

Prod. SCU

Made from steel, sturdy and handy, tested to 3175 Kg. Lever operated, apt for lifting, pulling and tightening.

Max load capacity	Kg	2114
Overall height	mm	1568
Max lifting height	mm	1210
Weight	Kg	14,20

2228G	Each	318,00
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SCU



2228G



RACK AND PINION JACKS

2228G 1

**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 load 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	315,00	351,00	389,00	479,00

2228GA

**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 load 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



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 load 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



Product description as Art. 2228GBN

With safety winch and cric.

Max load 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



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 load 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

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.



CE **2232GN**

Max load 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

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.



CE **2240G**

Max load capacity	Kg	5000	10000
Stroke	mm	280	350
Max height as closed	mm	650	800
Weight	Kg	26	38
2240G	Each	3.880,00	4.550,00

NEEDLE FILES FOR METALS

Orig. Hasen-Feilen

Suitable for iron and soft metals. Bastard (B), Second-cut (1/2D) and smooth (D) cut files.

Profiles		A	A	A	B	B	B	D
Cut		B	1/2D	D	B	1/2D	D	B
2300G	Each	5,16	5,16	5,16	5,16	5,16	5,16	5,16
Profiles		D	D	E	E	E	F	F
Cut		1/2D	D	B	1/2D	D	B	1/2D
2300G	Each	5,16	5,16	5,16	5,16	5,16	5,16	5,16
Profiles		F	H	H	H			
Cut		D	B	1/2D	D			
2300G	Each	5,16	5,80	5,80	5,80			



2300G
2301G
2301GA *new*

2301GE *new*

Product description as Art. 2300G

Total length 160mm. Shank diameter: 3mm.

Profiles		A	A	A	B	B	B	D	D	D	E	E	E
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D
2301G	Each	5,94	5,94	5,94	5,94	5,94	5,94	5,94	5,94	5,94	5,94	5,94	5,94
Profiles		F	F	F	H	H	H						
Cut		B	1/2D	D	B	1/2D	D						
2301G	Each	5,94	5,94	5,94	6,22	6,22	6,22						

Product description as Art. 2300G

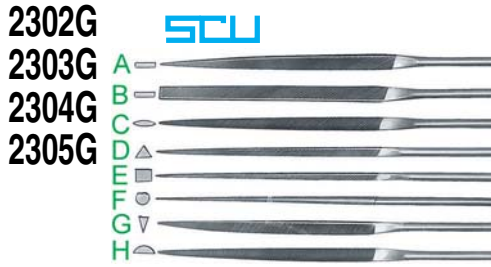
Total length 180 mm. Ø stem 3,5 mm.

Profiles		B	B	B	D	D	D	E	E	E	F	F	F
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D
2301GA	Each	6,56	6,56	6,56	6,56	6,56	6,56	6,56	6,56	6,56	6,56	6,56	6,56
Profiles		H	H	H									
Cut		B	1/2D	D									
2301GA	Each	7,20	7,20	7,20									

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
Cut		B	1/2D	D	B	1/2D	D	B	1/2D	D	B	1/2D	D
2301GE	Each	7,60	7,60	7,60	7,60	7,60	7,60	7,60	7,60	7,60	7,60	7,60	7,60
Profiles		H	H	H									
Cut		B	1/2D	D									
2301GE	Each	8,52	8,52	8,52									



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.

Profiles	A	A	B	B	B	C	C	C	
Cut	1/2D	D	B	1/2D	D	B	1/2D	D	
2302G	Each	14,10	14,10	12,50	12,50	12,50	18,00	18,00	18,00
Profiles	D	D	D	E	E	E	F	F	
Cut	B	1/2D	D	B	1/2D	D	B	1/2D	
2302G	Each	14,10	14,10	14,10	16,20	16,20	16,20	12,50	12,50
Profiles	F	G	G	G	H	H	H		
Cut	D	B	1/2D	D	B	1/2D	D		
2302G	Each	12,50	15,70	15,70	15,70	15,70	15,70	15,70	

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	15,30	15,30	15,30	14,40	14,40	14,40	19,20	19,20	19,20	15,30	15,30	15,30	17,60	17,60	17,60
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	14,40	14,40	14,40	16,70	16,70	16,70	16,70	16,70	16,70						

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	17,80	17,80	17,80	15,80	15,80	15,80	22,20	22,20	22,20	17,80	17,80	17,80	20,60	20,60	20,60
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	15,80	15,80	15,80	19,30	19,30	19,30	19,30	19,30	19,30						

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	21,20	21,20	21,20	18,90	18,90	18,90	26,20	26,20	26,20	21,20	21,20	21,20	24,30	24,30	24,30
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	18,90	18,90	18,90	22,90	22,90	22,90	22,90	22,90	22,90						

SETS OF NEEDLE FILES



Orig. Hasen-Feilen - Art. 2200/6

Set of 6 files in plastic wallet.
Second-cut file. Shapes: flat, half-round, triangular, square, round, equalling.

Overall length	mm	140	160
2306G	Per series	30,60	35,50



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	Per series	61,30	70,40

DIAMOND NEEDLE FILES FOR METALS

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	28,20	28,20	28,20	28,20	28,20	28,20

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

SCU

2309G
2310G
2311G
2313G



DIAMONDED

SETS OF DIAMOND NEEDLE FILES

Prod. SCU

Set of 5 diamond files. Art. 2310 GB-D-E-F-H. In plastic wallet.

2320G	Per series	118,00
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SCU

2320G



DIAMONDED

Set of 5 diamond files. Art. 2311 GB-D-E-F-H. In plastic wallet.

2321G	Per series	140,00
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SCU

2321G



DIAMONDED

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	Per series	22,30
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2330G 6



Prod. SCU

Standard set of 6 thin flat dead-smooth files. Cutting edge length 90mm. Total length 150mm. In plastic bag.

2331G	Per series	19,20
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SCU

2331G



DIAMOND FILES WITH HANDLES

2332G

SCU



DIAMONDED

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

RIFFLER FILES

2334

SCU



Prod. SCU

Suitable for iron and soft metals. Length 180mm. Second-cut type.

Profiles	A	B	C	D	E	F	G
2334	Each	38,60	42,60	47,90	42,60	42,60	38,60

Profiles	H	
2334	Each	47,90

2334G

SCU



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	54,10	54,10	64,60	64,60	54,10	54,10	64,60

Profiles	D	E	E	F	F	G	G	
Cut	1/2D	B	1/2D	B	1/2D	B	1/2D	
2334G	Each	64,60	64,60	64,60	70,50	70,50	64,60	64,60

Art. 2334 GBB e 2334 GE 1/2D are running out of stock

RIFFLER FILES SET

2335

SCU



Prod. SCU

Set of 8 curved files Art. 2334 A-B-C-D-E-F-G-H. In plastic bag.

2335	Per series	319,00
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DIAMOND RIFFLER FILES

2336G

SCU



DIAMONDED

Prod. SCU

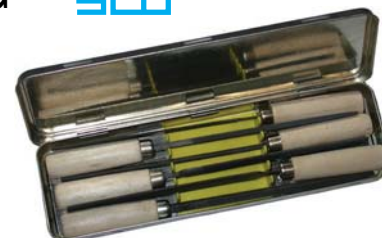
Diamond curve type, for hand use. For the finishing of tools made of hardened steel or hard metal. Suitable also for glasses, crystals, hard stones, marbles etc. Total length 150mm, length of diamond surface 25mm, medium grain (126)

Profiles	A	B	C	D	G	
2336G	Each	38,80	38,80	38,80	38,80	38,80

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	Per series	18,90
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Standard set of 6 files for minor repairs. With handgrip. Length 4 inches.
Second-cut type. Shapes: flat, blunt, half-round, triangular, square, round, equaling.
In plastic bag.

2338 Per series **17,10**

SCU



2338

PARALLEL FLAT FILES WITH HANDLE

Orig. Hasen-Feilen - Art. 1112 SBH

With drilled plastic handgrip to be hooked on display panel. In bag.
With one toothed side and one 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	6,54	6,68	6,94	7,50	7,76	8,38	9,78
Overall length	inch	10	10	12	12	12		
Cut		1/2 D	D	B	1/2 D	D		
2340G	Each	10,20	10,90	13,10	13,40	14,10		



2340G



HALF-ROUND FILES WITH HANDLE

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	9,38	9,64	9,86	10,90	11,50	11,90	14,20
Overall length	inch	10	10	12	12			
Cut		1/2 D	D	B	1/2 D			
2342G	Each	14,80	15,40	18,10	18,60			



2342G



ROUND FILES WITH HANDLE

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	6,10	6,54	6,90	7,16	7,42	7,90	8,98
Overall length	inch	10	10	12	12			
Cut		1/2 D	D	B	1/2 D			
2343G	Each	9,34	10,10	11,70	12,30			



2343G



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	10	10
Cut		B	1/2 D	D	B	1/2 D	D	B	1/2 D	D
2344G	Each	6,54	7,12	7,42	7,68	8,16	8,60	9,86	10,10	10,60



2344G



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	10	10
Cut		B	1/2 D	D	B	1/2 D	D	B	1/2 D	D
2346G	Each	7,68	8,08	8,34	8,86	9,60	9,90	12,10	12,60	13,70



2346G



SETS OF FILES FOR MECHANICS

Orig. Hasen-Feilen

In plastic bags suitable for display and workshops.

Set of 6 files with handgrip, assorted shapes: flat blunt, equaling, half-round, square, triangular, round.

Bastard files

Overall length	inch	6	8
Supplier code.....		150/1	200/1
2348G	Per series	57,30	66,40

Product description as Art. 2348G

Second-cut files

Overall length	inch	6	8
Supplier code.....		150/2	200/2
2349G	Per series	58,10	67,40



2348G

2349G



FILE AND RASP SETS

2349GL



Orig. Hasen-Feilen - Art. 5050

Set of 4 8" bastard files in plastic bags. With handgrip. Assorted shapes: flat blunt, triangular, round, square and 1 8" rasp with handgrip, half-round type.

2349GL	Per series	56,60
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PARALLEL FLAT FILES

2350G



Orig. Hasen-Feilen - Art. 1112

With one side toothed and one smooth.

Overall length	inch	4	4	4	6	6	6	8
Cut		B	1/2 D	D	B	1/2 D	D	B
2350G	Each	4,36	4,40	4,46	4,58	4,80	5,16	5,42
Overall length	inch	8	8	10	10	10	12	12
Cut		1/2 D	D	B	1/2 D	D	B	1/2 D
2350G	Each	5,68	6,06	7,42	7,68	8,50	9,82	10,60
Overall length	inch	12	14	14				
Cut		D	B	1/2 D				
2350G	Each	11,50	13,60	14,10				

EQUALLING FILES

2352G



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	4,58	4,80	5,16	5,42	5,68	6,06	7,42
Overall length	inch	10	10	12	12	12		
Cut		1/2 D	D	B	1/2 D	D		
2352G	Each	7,68	8,50	9,82	10,60	11,50		

HALF-ROUND FILES

2356G



Orig. Hasen-Feilen - Art. 1152

Overall length	inch	4	4	4	6	6	6	8	8
Cut		B	1/2 D	D	B	1/2 D	D	B	1/2 D
2356G	Each	7,24	7,54	7,76	7,54	7,68	8,02	8,68	9,30
Overall length	inch	8	10	10	10	12	12	12	
Cut		D	B	1/2 D	D	B	1/2 D	D	
2356G	Each	9,78	12,20	12,60	13,10	15,60	16,10	17,20	

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	4,28	4,54	5,02	4,28	4,54	5,02	5,06
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	5,36	5,80	6,80	7,24	7,90	9,04	9,82
Overall length	inch	12	14	14				
Cut		D	B	1/2 D				
2358G	Each	10,90	12,50	12,90				

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	4,46	5,06	5,24	4,72	5,16	5,50	5,58
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	6,02	6,42	7,46	7,90	8,46	11,30	11,90

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	10,90	11,10	13,20	14,70	19,60	21,50

TRIANGULAR FILES

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	5,06	5,36	5,68	5,76	5,94	6,10	7,12
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	7,42	7,90	9,90	10,60	11,50	14,50	15,10



2364G



LATHE FLAT FILES

Orig. Peddinghaus - Art. 0904

Smooth files suitable for lathes.

Overall length	inch	12
2370G	Each	27,20



2370G



FILES WITH CROSS MILLING

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	10,10	12,70	16,20



2372G



DIAMOND FILES

Prod. SCU

Diamond type, for hand use. Suitable for tools made of 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 to 2	6x6	9,5x9,5
2375G	Each	91,60	95,10	50,40	84,50	84,50

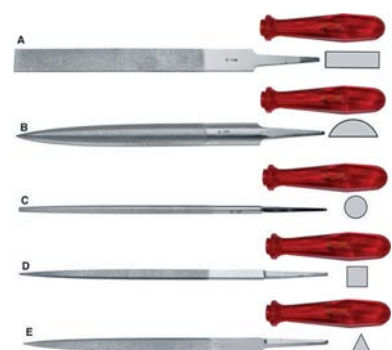
Product description as Art. 2375G

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 to 2	8x8	14x14
2376G	Each	189,00	168,00	115,00	150,00	150,00



2375G
2376G



TAPPER SAW FILES

Orig. Hasen-Feilen - Art. 1232

Second-cut. Standard type. Sharp edges.

Overall length	inch	4	5	6	7	8
2380G	Each	3,54	4,06	4,36	5,50	6,42



2380G



Orig. Hasen-Feilen - Art. 1237

Second-cut. Thin type. Sharp edges.

Overall length	inch	4	5	6	7	8
2382G	Each	3,54	4,06	4,36	5,50	6,42



2382G



Orig. Hasen-Feilen - Art. 1231

Second-cut. Heavy type. Round edges.

Overall length	inch	5	6	8
2384G	Each	5,38	6,02	8,86



2384G



Size inch 5 is 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	7,90	10,90



2386G



Orig. Hasen-Feilen - Art. 1212

With 2 flat edges.

Overall length	inch	8	10
2388G	Each	6,42	8,64



2388G



CHAIN SAW FILES

2394GA**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	3,10

2394GB**Orig. Hasen-Feilen**

Product description as Art. 2394GA

Length 200mm.

Ø	mm	4	4,8	5,5
2394GB	Each	3,14	3,14	3,14

2395**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	2,26	2,26	2,26	2,26	2,26

MILLED FLAT FILES

2400G**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	37,10	40,20	44,50	46,60	55,40	58,10

2402G**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	39,20	41,30	46,70	50,20	57,30	60,10

MILLED HALF-ROUND FILES

2404G**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	34,60	38,20	43,10	45,40

MILLED FLAT FILES

2412G**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	35,10	35,10	37,70	37,50	41,10

Art. 2412 G 10B e 12 1/2D are running out of stock

HOLDER FOR MILLED FILES

2414**Prod. SCU**

Made of steel, with 2 fastening screws. Suitable for flat files 2412 G.

For files length	inch	10	12	14
2414	Each	18,60	20,60	24,80

MILLED FILES FOR BODY SHOPS

2419G**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
2419G	Each	35,50	36,80

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
2420G	Each	39,80	43,90

TITAN
2420G

HOLDER FOR BODY SHOP FILES
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

TITAN
2421G


Suitable for flexible milled files Art. 2420 G.

Adjustable holder for straight, convex or concave milling.

Without file.

Overall length	mm	350
2422G	Each	35,50

TITAN
2422G

BUNDLE FILES
Prod. SCU

Flat type. First quality. Bastard file.

Deburring files	Nr	1	2	3
Overall length	mm	350	300	250
2430	Each	14,30	18,50	21,40

SCU
2430


Half-round type. First quality. Bastard file.

Deburring files	Nr	1	2	3
Overall length	mm	350	300	250
2432	Each	21,40	28,50	31,30

SCU
2432

FILES FOR SOFT METALS
Orig. Hasen Feilen - Art. 1612 W

Flat blunt bastard file.

Overall length	inch	10	12
2434G	Each	11,20	17,20


2434G

Orig. Hasen Feilen - Art. 1652 W

Half-round bastard file.

Overall length	inch	10	12
2435G	Each	17,20	23,10


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	51,10
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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 - 3 mm.

2436GB	Each	51,10
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2436GA
2436GB
2436GF
2436GL

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	51,10
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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	51,10
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FILES FOR PLASTIC MATERIALS

2438GC



Prod. SCU

These special files - with bored cutting edges for chip removal - are suitable for filing and milling plastic materials and synthetic resins and also 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	12,80	17,10

2438GD



These special files - with bored cutting edges for chip removal - are suitable for filing and milling plastic materials and synthetic resins and also 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	13,90	17,80

FILE HOLDER WITH HANDLE

2440GB



Prod. SCU

Suitable for files Art. 2438 G

With straight handle, without file.

For files length	mm	260	400
2440GB	Each	52,00	59,20

CURVED WOOD RASPS

2441



Prod. SCU

Suitable for wood.

Length 200mm. Smooth cut.

Profiles		A	B	C	D	E	F	G
2441	Each	22,10	22,10	22,10	22,10	22,10	22,10	22,10
Profiles		H						
2441	Each	22,10						

CURVED WOOD RASPS IN SETS

2441P



Prod. SCU

Set of 8 curved rasps Art. 2441 A-B-C-D-E-F-G-H in plastic bag.

2441P	Per series	133,00
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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 bag.

Flat. First quality.

Overall length	inch	8	8	10	10
Cut		B	1/2 D	B	1/2 D
2441S	Each	10,90	11,50	14,10	14,50

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	15,30	17,30	19,90	21,50

Orig. Hasen Feilen - Art. 1562 SBH

Product description as Art. 2441S

Round. First quality. Second-cut type.

Overall length	inch	8	10
2441V	Each	11,10	12,40



WOOD RASPS

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	8,32	9,02	11,10	12,10	13,80	14,50



Orig. Hasen Feilen - Art. 1512

Flat. First quality.

Overall length	inch	8	8	10	10
Cut		B	1/2D	B	1/2D
2442E	Each	9,68	10,10	12,60	13,40



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	8,62	9,28	11,50	11,90	14,30	14,90



Prod. SCU

Half-round. Cabinet shape. First quality. Second-cut.

Overall length	inch	8	10	12
2444	Each	7,40	9,86	12,30



Orig. Hasen Feilen - Art. 1558

Product description as Art. 2444

Overall length	inch	8	10	12
2444G	Each	10,40	12,90	16,30



Orig. Hasen Feilen - Art. 1562

Round. First quality. Second-cut.

Overall length	inch	8	10
2445G	Each	4,88	6,88



KEY HOLE RASPS

Prod. SCU

Combined. Round and flat. Quality first. Second cutting.

Overall length	mm	210
2446	Each	11,10



HANDLES FOR FILES AND RASPS

Prod. SCU

Made of hard wood, with brass-coated ring nut.

Overall length	mm	80	100	120	140	160
2448	Each	0,56	0,62	0,70	0,90	1,18



ACCESSORIES FOR FILES

Orig. Hasen Feilen - Art. 85PH

Handles for needle files of all sizes.

Length	mm	80
2448G	Each	3,84



Orig. Hasen Feilen - Art. 80KH-90KH-110KH-130KH

Handles for files and rasps. Made of 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	1,70	1,82	2,02	3,10



Art. 2449 G 3 is suitable for chain saw files Art. 2394 GA – B.

2451G**Orig. Hasen Feilen - Art. FB 10040**

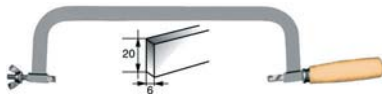
Professional cleaning brushes for files.
Size without handle: 110x40x20 mm.

2451G	Each	9,60
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HACK SAWS**2599****SCU****Prod. SCU**

For saws with length 12 inches.
Fixed type. Cross head. Painted finish.
Polished wood handgrip.

2599	Each	8,40
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For hand saws see Art. 9563 G to 9565 GT.**2600****SCU**

Product description as Art. 2599

Fixed strengthened type. Cross head. Painted finish.
Polished wood handgrip. Heavy-duty type.

2600	Each	8,82
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For hand saws see Art. 9563 G to 9565 GT.**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.

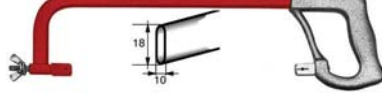
2602	Each	11,50
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For hand saws see Art. 9563 G to 9565 GT.**2608****SCU**

Product description as Art. 2599

Fixed type in flat tube. Handgrip made of unbreakable ABS material, mounted on the hack saw metallic side. Lacquered finish.

2608	Each	7,96
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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.

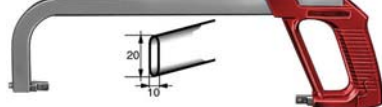
2612	Each	10,10
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For hand saws see Art. 9563 G to 9565 GT.**2612E****SCU**

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	9,70
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For hand saws see Art. 9563 G to 9565 GT.**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	13,30
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For hand saws see Art. 9563 G to 9565 GT.**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	13,20
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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	19,20
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For hand saws see Art. 9563 G to 9565 GT.

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 **40,80**

For hand saws see Art. 9563 G to 9565 GT.



2613H



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 **49,00**

For hand saws see Art. 9563 G to 9565 GT.



2613L



Orig. Carolus - Art. 9150.00

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 Each **30,20**

For hand saws see Art. 9563 G to 9565 GT.



2613T



Prod. SCU

Product description as Art. 2613

Fixed type with wide gauge. Height 235mm. Depth cut of objects of various sizes. Painted finish. Wooden handgrip.

2614A Each **10,60**

For hand saws see Art. 9563 G to 9565 GT.



2614A



HOLDERS FOR SAWS

Prod. SCU

Sawing length of 12 inches.

Suitable for cutting in awkward and confined spaces.

Made from rigid reinforced plastic with ergonomic dual-component material.

Includes clamping screws for the blades.

Equipped with 1 dual metal blade with 18 teeth per inch.

2615A Each **9,84**

For hand saws see Art. 9563 G to 9565 GT.



2615A



Orig. Peddinghaus - Art. 6314

Sawing length of 12 inches.

Suitable for cutting in awkward and confined spaces.

Made from rigid reinforced plastic with ergonomic dual-component material.

Includes clamping screws for the blades.

Equipped with 1 dual metal blade with 24 teeth per inch.

2615G Each **15,10**

For hand saws see Art. 9563 G to 9565 GT.



2615G



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 **9,10**



2630G



2631GA 


UNIVERSAL

Professional replacement blades as per Art. 2630 G. For universal usage on iron, steel, plastics, etc.

25 teeth per inch.

2631GA Per dozen **7,72**
2631GB 


STEEL

Professional replacement blades as per Art. 2630 G. For use on iron, high-strength steels, stainless steels, non-ferrous metals.

32 teeth per inch.

2631GB Per dozen **7,72**
2631GC 


WOOD

Professional replacement blades as per Art. 2630 G. For use on soft and hard wood, chipboard, fibre, cardboard, soft plastics, etc.

14 teeth per inch.

2631GC Per dozen **6,38**
2642 


Suitable for precision mechanics. Made of chromium plated steel rod. Fixed handgrip. With blade for metals.

Overall length mm 250

Blade length mm 150

2642 Each **1,06**
2643G 


UNIVERSAL

Professional spare blades for Art. 2642 - 2644 G - 2647 G - 2647 GE - 2649. Universal use, on iron, steel, plastic, etc.. 25 teeth per inch.

2643G Per dozen **7,48**
2643GA 


STEEL

Professional spare blades for Art. 2642 - 2644 G - 2647 G - 2647 GE - 2649. For use on high resistance steels, stainless steel, non-ferrous metals. 32 teeth per inch.

2643GA Per dozen **7,48**
2643GB 


WOOD

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. 14 teeth per inch.

2643GB Per dozen **6,18**
2644G 


Suitable for precision mechanics. Made of drawn steel rod, Fixed wooden handgrip. Mat chrome-plated finish.

With blade for metals.

Overall length mm 290

Blade length mm 150

2644G Each **6,92**
2647G 


Professional type, suitable for precision mechanics. Made of epoxy painted steel rod. Fixed pistol grip.

With blade for metals.

Overall length mm 230

Blade length mm 150

2647G Each **4,10**
2647GE 


Professional type, suitable for precision mechanics. Made of 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 **6,34**
For similar VDE article see Art. 354 GF.

Professional type, suitable for precision mechanics. Made of 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	7,10



2649

FRET SAW FRAMES

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	6,06



2650G

Assistance and support always by your side

**SEND REQUESTS FOR SUPPORT AND
SEND RETURNS FOR REPAIRS**

- www.sicutool.it/moduli

CONSULT ADDITIONAL TECHNICAL INFORMATION

- www.sicutool.it/catalogo-web

SAVE THE SICUTOOL PRICELISTS

- www.sicutool.it/listini

NEW!

NEWS CHAPTER 9



2876G

Machine Vices
▶ P. 690



2993

Buttons Removers
▶ P. 705



3009F

Nail Pullers And Crow Bars
▶ P. 705



3078E

Electric Tap Machine
▶ P. 714



3078GSV

Diamond Hole Cutters, For Harder Materials
▶ P. 717



3078GZ 20

Hole Cutters Set
▶ P. 719



3078GZM

Hole Cutters Set
▶ P. 720



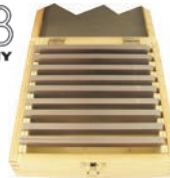
3078GZR

Set Of Diamond Hole Cutters, For Harder Materials
▶ P. 720



2789GRL

Rubber Mallets
▶ P. 656



2878GT

Parallel Couples
▶ P. 690



3009E

Nail Pullers And Crow Bars
▶ P. 705



3011L

Carpenter's Pinching Bars
▶ P. 706



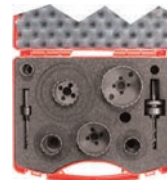
3078GST

Diamond Hole Cutters, For Harder Materials
▶ P. 717



3078GUE

Tips For Hole Saw
▶ P. 718



3078GZ 40

Hole Cutters Set
▶ P. 719



3078GZP

Set Of Diamond Hole Cutters, For Harder Materials
▶ P. 720













3079SE

HSS-E Hole Cutters
▶ P. 721



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 2795</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 2835GA 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 3045B</p>
<p>Disk cutters Electric taps Multipurpose electric drills Magnetic drills Saws and hole saws</p>		<p>From 3074 To 3080GZ</p>
<p>Punching tools</p>		<p>From 3081 To 3090GR</p>



GOLDSMITH'S HAMMERS

2660



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	19,40	24,70	24,70

UPHOLSTERER'S HAMMERS

2662



Prod. SCU

In forged and hardened steel.
Hardwood handle with metal reinforcements. Hammer weight: 300g.

Head Ø	mm	8	11
2662	Each	35,30	35,30

SADDLER'S HAMMERS

2664



Prod. SCU

In forged and hardened steel.
Hardwood handle with metal reinforcements. Hammer weight: 300g.

2664	Each	35,30
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GLAZIER'S HAMMERS

2666



Prod. SCU

In forged and hardened steel.
Hardwood handle. Hammer weight: 120g.

2666	Each	11,30
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TILER'S HAMMERS

2668GA



Orig. Peddinghaus - Art. 5270.12

In alloyed steel. Special hardening procedure of the working parts. Polished striking surface.
1 square face and 1 cutting face.

Size		1
Weight without handle	grams	50
Overall weight	grams	70
Handles length	mm	300
2668GA	Each	8,98

Product running out of stock

HAMMERS FOR ELECTRIC WELDERS

2670A



Prod. SCU

In forged steel. Fine execution.
Horizontal peen and wooden handle.

2670A	Each	6,14
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2670B



Product description as Art. 2670A

Horizontal peen and steel handle.

2670B	Each	5,48
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2670C



Product description as Art. 2670A

Vertical peen and wooden handle.

2670C	Each	5,98
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Orig. Peddinghaus - Art. 5095.02

In forged steel, progressive hardening. Extra-fine execution.
Horizontal peen and wooden handle.

2670GA	Each	29,40
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Orig. Peddinghaus - Art. 5096.02

Product description as Art. 2670GA
Vertical peen and wooden handle.

2670GB	Each	23,10
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Orig. Peddinghaus - Art. 5094.05

Product description as Art. 2670GA
Combination model. Steel tubing handle. Vertical peen.

2670GC	Each	21,30
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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	4,60	5,86	6,70	7,12	8,16	8,58	11,10	14,10



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
2701G	Each	17,40	20,90	23,20	24,50	29,40	33,30	39,10

Overall weight	grams	1500	2000
2701G	Each	52,10	67,30

Size grams 200 is running out of stock



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	2,94	3,68	4,68	5,44	6,28	7,12	8,58

Overall weight	grams	1000	1500
2702	Each	9,84	13,20



DIN 1041

Forged and hardened steel.
Anatomic hardwood handle.
First quality.

Overall weight	grams	100	200	300	400	500	600	800
2702F	Each	6,06	6,50	7,62	8,64	9,46	11,10	13,60

Overall weight	grams	1000	1500	2000
2702F	Each	15,40	18,80	22,70

Spare handles for Art. 2702 F.

For hammers weight	grams	100	200	300	400	500	600	800
O2702L	Each	2,58	2,66	2,76	2,88	3,06	3,18	3,40

For hammers weight	grams	1000	1500	2000
O2702L	Each	3,50	3,84	4,26



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	16,40	16,40	18,40	19,90	21,30	25,30	29,10

Overall weight	grams	1000	1500	2000
Handles length	mm	360	380	400
2702G	Each	33,90	44,60	57,40

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	3,16	3,16	4,12	4,20	4,40	5,58	6,08

For hammers weight	grams	1000	1500	2000
Handles length	mm	360	380	400
2702GR	Each	6,28	6,76	7,18

Spare handle wedges for Art. 2702 G.

For hammers weight	grams	100	200	300	400	500	600	800
2702GT	Each	1,52	1,52	1,70	1,80	1,90	2,00	2,08

For hammers weight	grams	1000	1500	2000
2702GT	Each	2,08	2,28	2,36

2703G **mob**
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	15,20	15,20	15,20	16,50	18,30	19,20	23,10

Overall weight	grams	800	1000	1500	2000
Handles length	mm	350	360	380	400
2703G	Each	25,80	30,50	40,90	52,30

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	3,36	3,54	3,54	4,28	4,28	4,28	4,88

For hammers weight	grams	800	1000	1500	2000
Handles length	mm	350	360	380	400
2703GR	Each	4,88	5,04	5,62	5,96

Spare wedges for Art. 2703 G.

For hammers weight	grams	50	100	200	300	400	500	600
2703GT	Each	0,60	0,60	0,60	0,76	0,76	0,76	0,76

For hammers weight	grams	800	1000	1500	2000
2703GT	Each	0,76	0,76	1,02	1,02

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. Standard differentiated hardening treatment of hammer head.

Overall weight	grams	200	300	400	500	600	800	1000
2705GA	Each	23,80	23,80	26,30	28,50	34,60	37,60	45,40

Overall weight	grams	1500	2000
2705GA	Each	56,70	70,20

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	26,50	28,60	31,90	33,90	38,60	45,10	53,70
Overall weight	grams	1500	2000					
2705GB	Each	67,80	80,50					

GEDORE

2705GB



Spare handles for Art. 2705 GA and 2705 GB.

For hammers weight	grams	200	300	400	500	600	800	1000
2705GE	Each	8,70	10,60	10,90	11,60	13,30	14,20	16,60
For hammers weight	grams	1500	2000					
2705GE	Each	18,50	20,80					

GEDORE

2705GE



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	20,70	22,70	26,70	34,80	40,20	51,20	65,50

mob

2705GL



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	1500	2000
2705GM	Each	22,20	36,80	55,90	73,60

mob

2705GM



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 guanteed 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	19,30	21,50	25,50	33,80	39,60

mob

2705GR
2705GS



Only handles for wedges for Art. 2705 GR.

For hammers weight	grams	200	300	500	800	1000
2705GS	Each	8,56	9,56	11,60	15,40	17,70

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	26,10	26,30

GEDORE

2705GT



LOCKSMITH'S HAMMERS, GERMAN PATTERN, WITH FIBRE SHAFT

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	5,02	6,06	6,70	7,94	10,30	11,80

SCU

2705GTE



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	41,80	43,90	48,10	51,10	54,30	63,30	70,90	
Overall weight	grams	1500	2000						
2705GTL	Each	82,40	107,00						

LOCKSMITH'S HAMMERS WITH ULTRATEC-HANDLE, GERMAN PATTERN

2705GVA mob



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 differentiated hardening treatment of hammer head. Ash wood handle.

Overall weight	grams	200	300	500	600	800	1000	1500	2000
2705GVA	Each	24,20	24,60	29,10	33,50	38,70	49,70	63,70	82,10

2705GVB mob



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	27,70	30,80	37,60	42,40	59,10	76,40	98,30

LOCKSMITH'S HAMMERS, GERMAN PATTERN, WITH THREE COMPONENTS HANDLES

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	8,64	9,54	13,20	16,10	18,90	26,10	29,50

Size 2000g is Orig. Cados-Peddinghaus.

SOFT FACE CAPS

2705GZ mob



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	7,82	12,20	14,60	18,90

ENGINEERS' HAMMERS

2706 SCU



Prod. SCU

Made from forged, hardened steel. Hardwood handle.

Overall weight	grams	200	300	400	500	600	800	1000
2706	Each	8,12	8,78	9,96	10,30	11,40	13,60	15,70

2707G mob



Orig. Peddinghaus - Art. 5081.03

Made from 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	pounds	1/2	3/4	1	1.1/8	1.1/2	2
2707G	Each	25,20	26,60	28,60	29,10	34,90	37,50

COPPER MALLETS

2716 SCU



Prod. SCU

In copper. Hardwood handle, anatomic-shaped.

Overall weight	grams	200	300	400	500	600	800	1000
2716	Each	9,72	14,60	19,50	24,30	29,20	38,90	48,60

Overall weight	grams	1500	2000
2716	Each	72,90	97,20

In copper. Pinned head on hardwood handle, anatomic-shaped.

Overall weight	grams	200	300	400	500	600	800	1000	
2717	Each	11,10	16,60	22,10	27,80	33,50	44,50	55,50	
Overall weight	grams	1500	2000						
2717	Each	82,70	111,00						



In copper. Steel handle with accident-prevention fastening system.

Overall weight	grams	300	500	800	1000	1500	2000	5000
2718	Each	18,40	25,90	37,10	41,30	62,10	75,50	190,00



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	108,00	142,00	191,00	244,00



CLAW HAMMERS

Prod. SCU

In forged and hardened steel. Hardwood handle.

Metal reinforcements. Standard quality.

Overall weight	grams	200	300	400	500
2720	Each	8,98	9,74	10,30	11,10



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	33,30	35,30



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	24,80	24,80



MASON'S HAMMERS

Prod. SCU

In forged steel. Hardened striking surface.

Hardwood handle.

Square striking face and horizontal peen.

Overall weight	grams	400	500	600
2732A	Each	8,36	9,62	10,90



Product description as Art. 2732A

MALEPEGGIO

Combination peen model: 1 horizontal and 1 vertical.

Overall weight	grams	400	500	600
2732B	Each	8,36	9,62	10,90



2732E



Product description as Art. 2732A

CATANIA

Pointed striking face and horizontal peen.

Overall weight	grams	400	500
2732E	Each	8,36	10,90

2733G



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	33,00
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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	29,60

CARPENTER'S HAMMERS

2736B



Prod. SCU

In forged steel. With nail slot.

Wooden handle.

Overall weight	grams	300	400	500	600
2736B	Each	7,94	9,00	9,62	12,60

Spare handles for Art. 2736 B.

For hammers weight	grams	300	400	500	600
O2736C	Each	2,72	2,72	2,72	2,72

2736F



In forged steel. With nail slot.

Handle in synthetic material with fiberglass reinforcement.

Overall weight	grams	300	400	500
2736F	Each	11,80	12,60	13,40

Spare handles on request.

CARPENTER'S HAMMERS WITH THREE COMPONENTS HANDLES

2736FE



Prod. SCU

In forges 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 absorbtion capacity. Oil-proof. Lubricant and acid resistant. With hung-up hole.

Overall weight	grams	300	400
2736FE	Each	16,50	16,60

CARPENTER'S HAMMERS

2736GA



Orig. Cados-Peddinghaus - Art. 0231250001

In forged steel. Hardened striking surface.

Steel tubing handle with anatomic grip in soft syntheric material.

Pinned head with nail slot, balck lacquered. Weight: 600g.

2736GA	Each	15,60
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Orig. Cados-Peddinghaus - Art. 023025001

In forged steel. Hardened striking surface.
Steel tubing handle with anatomic grip in soft syntheric material.
Pinned head with nail slot. Weight: 700g.

2736GB Each **20,30**



2736GB

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 **45,50**



2736GE

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 **69,40**



2736GF

PLASTERER'S HAMMERS

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 **30,80**



2739GA

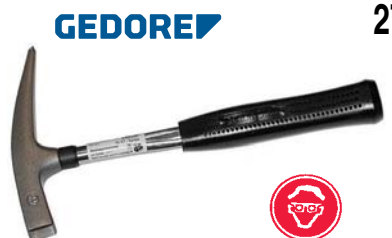
GEOLOGIST'S HAMMERS

Orig. Gedore - Art. 76 ST SP

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 **104,00**

Product running out of stock



2739GE

BELT HAMMER-HOLDERS

Prod. SCU

Steel ring universal type with support made of high-resistant polyester. For belt max height 40mm.
Tool-holder ring width 70mm.

2739GT Each **6,00**



2739GT

HATCHETS

2740A


**Prod. SCU**

In special steel, hardened.
Hardwood handle. Sharpened edges.

Overall weight	grams	600	700	800
2740A	Each	12,60	13,80	15,10

2740E


**Prod. SCU**

In special steel, hardened.
Hardwood handle, long pattern. Sharpened edges.

Overall weight	grams	1500
Overall length	mm	800
2740E	Each	24,30

HATCHETS WITH THREE COMPONENTS HANDLES

2740ET


**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	15,90

UNIVERSAL HATCHETS

2740GF


**Orig. Ochsenkopf-Dankre - DIN 5131 - Art. 232 H**

Extra top quality. In C60 special steel, hardened.
Finely sharpened edges. With German safety approval.
Ash handle, anatomically shaped.

Overall weight	grams	600	800	1000
2740GF	Each	27,60	30,40	32,80

Size grams 1000 is running out of stock

2740GL


**Orig. Ochsenkopf-Dankre - DIN 7294 - Art. 205 H**

Product description as Art. 2740GF
Long ash handle, anatomically shaped.

Overall weight	grams	1250
Overall length	mm	700
2740GL	Each	44,90

CARPENTER'S HATCHETS

2740GM


**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	124,00

FIRE BRIGADE HATCHETS

2740GP


**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	55,40

Leather sheath for Art. 2740 GP.

O2740GP	Each	37,10
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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	82,30



SPLITTING AXES

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	42,70



WOOD SPLITTING WEDGES

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	26,70	35,40



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	33,70	45,60



DOUBLE FACE BLACKSMITH HAMMERS

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	7,06	8,54	9,50	12,60	15,30



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.

Ash wood handle.

Weight mallet only	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
2761G	Each	27,10	28,20	30,20	38,80

Spare handles for Art. 2761 G.

For mallets weight	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
02761GA	Each	4,28	4,28	4,58	6,28



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.

Ash wood handle.

Weight mallet only	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
2762G	Each	25,50	26,60	28,50	37,10

Spare handles for Art. 2762 G.

For mallets weight	Kg	1	1,25	1,5	2
Handles length	mm	260	260	280	300
02762GA	Each	4,70	4,70	5,20	6,14



DOUBLE FACE BLACKSMITH HAMMERS "ROTBAND"
2765G 

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	31,20	32,70	34,50	44,30

DOUBLE FACE BLACKSMITH HAMMERS WITH STEEL HANDLE
2765GE 

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	28,30	28,30

DOUBLE FACE BLACKSMITH HAMMERS WITH FIBER GLASS HANDLE
2766 

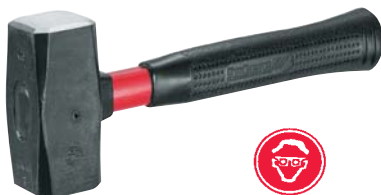
Prod. SCU

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
2766	Each	11,10	12,60	14,30	16,40	18,90

2766G 

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	64,30	65,30	68,90	78,90

DOUBLE FACE BLACKSMITH HAMMERS WITH ULTRATEC HANDLE
2767GE 

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	35,60	39,10	39,70	50,20

DOUBLE FACE BLACKSMITH HAMMERS WITH THREE COMPONENTS HANDLES
2767H 

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	15,20	16,80	19,20	22,60	24,50

Sizes 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	16,70	22,20	27,80


2767L


Product description as Art. 2767L

With handle.

Overall weight	Kg	3	4	5
2767P	Each	24,10	29,50	35,10


2767P


Spare handles for Art. 2767 L and 2767 P.

For mallets weight	Kg	3	4	5
O2767P	Each	7,30	7,30	7,30

SLEDGE HAMMERS WITH HANDLE
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	63,30	74,70	89,60	111,00	151,00

2768GA

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	61,60	73,10	87,40	108,00	147,00

2768GB


Spare handles for Art. 2768 GA and 2768 GB.

For mallets weight	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
O2768G	Each	12,90	13,70	17,80	17,80	23,20

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	58,90	69,70	82,80	105,00	143,00

2768GE

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	60,40	72,20	85,60	105,00	143,00

2768GF


Spare handles for Art. 2768 GE / 2768 GF.

For mallets weight	Kg	3	4	5	6	8
Handles length	mm	600	700	800	800	900
OM2768G	Each	13,50	18,20	18,20	18,20	22,90

SLEDGE HAMMERS WITH GLASSFIBER HANDLE
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	166,00	174,00	192,00	208,00	237,00

2769GA


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	166,00	174,00	192,00	208,00	237,00

2769GF

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
2770

Prod. SCU

Double flat head model.

In forged steel. Hardened striking surfaces. Tightly fixed and unbreakable handle in fiberglass covered with synthetic anti-slip material.

Weight mallet only	Kg	3	4	5	6
Handles length	mm	910	910	910	910
2770	Each	31,20	36,10	40,80	45,60

CARPENTER'S HATCHETS
2771

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	44,30	51,90	62,10

COPPER SLEDGE HAMMERS, WITH HANDLE
2781

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	124,00	151,00	198,00	214,00

Copper hammers with steel handle: see Art. 2718.
INTERCHANGEABLE HEAD HAMMERS
2782GAA SCU

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, etc.

Head Ø	mm	30	40	50
Colour 1st head		A	A	A
Colour 2nd head		A	A	A
Weight approx.	grams	330	650	1150
2782GAA	Each	29,40	39,90	63,30

Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		A	A	A
Colour 2nd head		B	B	B
Weight approx.	grams	330	650	1150
2782GAB	Each	29,90	41,10	59,10


2782GAB


Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		A	A	A
Colour 2nd head		G	G	G
Weight approx.	grams	330	650	1150
2782GAG	Each	30,50	43,10	62,50


2782GAG


Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		A	A	A
Colour 2nd head		N	N	N
Weight approx.	grams	330	650	1150
2782GAN	Each	26,80	35,10	51,80


2782GAN


Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		B	B	B
Colour 2nd head		B	B	B
Weight approx.	grams	330	650	1150
2782GBB	Each	28,10	37,30	50,60


2782GBB


Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		B	B	B
Colour 2nd head		G	G	G
Weight approx.	grams	330	650	1150
2782GBG	Each	26,60	36,20	52,10


2782GBG


Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		B	B	B
Colour 2nd head		N	N	N
Weight approx.	grams	330	650	1150
2782GBN	Each	24,90	32,10	44,30


2782GBN


Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		G	G	G
Colour 2nd head		G	G	G
Weight approx.	grams	330	650	1150
2782GGG	Each	26,90	38,20	56,40


2782GGG


Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		G	G	G
Colour 2nd head		N	N	N
Weight approx.	grams	330	650	1150
2782GGN	Each	25,70	34,50	48,70


2782GGN


2782GNN 


Product description as Art. 2782GAA

Head Ø	mm	30	40	50
Colour 1st head		N	N	N
Colour 2nd head		N	N	N
Weight approx.	grams	330	650	1150
2782GNN	Each	24,40	30,10	42,30

02782GA 
02782GB
02782GG
02782GN


Spare heads for Art. 2782 GAA to Art. 2782 GNN.

ANTHRACITE colour. (when the product will run out of stock, we will supply a WHITE version with the same characteristic).

Head Ø	mm	30	40	50
02782GA	Each	7,12	10,90	18,50

Product description as Art. 02782GA

BLUE colour.

Head Ø	mm	30	40	50
02782GB	Each	5,14	7,12	9,94

Product description as Art. 02782GA

YELLOW colour.

Head Ø	mm	30	40	50
02782GG	Each	5,70	9,14	13,30

Product description as Art. 02782GA

BLACK colour.

Head Ø	mm	30	40	50
02782GN	Each	4,32	5,64	7,60

02782GM 


Spare handles for Art. 2782 GAA and Art. 2782 GNN, Hickory wood.

for head Ø	mm	30	40	50
Overall length	mm	275	300	330
02782GM	Each	6,38	6,86	8,50

02782GP 


Head-holder jaws, in cast iron, with screw for Art. 2782 GAA to Art. 2782 GNN.

for head Ø	mm	30	40	50
02782GP	Per pair	11,30	16,20	22,30

PLASTIC HAMMERS
2785G 


Prod. SCU

With interchangeable heads, made from transparent cellulose acetate. Ash wood handle.

Head Ø	mm	22	27	32	35	40	50	60
Weight approx.	grams	160	240	360	450	600	910	1390
2785G	Each	6,46	7,98	10,60	12,70	15,90	23,80	36,40

Spare heads for Art. 2785 G.

Head Ø	mm	22	27	32	35	40	50	60
02785G	Each	0,66	1,08	1,78	2,12	2,28	4,14	6,30

2788 


With interchangeable heads, made from plastic.

Ash wood handle.

Head Ø	mm	22	28	35	45	60
Weight approx.	grams	100	250	450	700	1400
2788	Each	8,32	10,20	14,60	20,70	34,50

Spare heads for Art. 2788.

Head Ø	mm	22	28	35	45	60
02788	Each	1,50	1,84	3,24	5,10	8,12

NYLON HAMMERS
Prod. SCU

With interchangeable heads, made from special unbreakable Nylon. Ash wood handle.

Head Ø	mm	22	27	32	35	40	50	60
Weight approx.	grams	160	250	350	420	580	900	1340
2788GA	Each	7,50	9,62	13,20	16,10	20,20	36,90	46,70

Spare heads for Art. 2788 GA.

Head Ø	mm	22	27	32	35	40	50	60
O2788GA	Each	1,36	1,90	3,08	3,98	4,98	9,08	12,30


RECOILLESS HAMMERS
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 approx.	grams	400	530	640	790	1050	1350
2789	Each	24,00	26,60	28,60	32,10	38,70	48,40

Spare heads for Art. 2789.

Head Ø	mm	30	35	40	45	50	60
O2789	Each	1,64	2,24	2,68	3,46	4,86	6,96


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 approx.	grams	300	585	670	820	1030	1180	1800
Overall length	mm	305	330	335	360	365	370	370
2789B	Each	34,40	35,40	39,10	44,70	51,40	58,10	99,60

Head Ø	mm	70	80	100
Weight approx.	grams	2300	4000	7000
Overall length	mm	370	880	1000
2789B	Each	128,00	257,00	395,00

Spare heads for Art. 2789B.

Head Ø	mm	80	100
O2789B	Each	27,50	44,10

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 approx.	grams	650	760	1270	1470
2789F	Each	25,80	28,50	38,60	48,20

Spare heads for Art. 2789F.

Head Ø	mm	35	40	50	60
O2789F	Each	2,24	2,68	4,86	6,96



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 approx.	grams	700	800	900	1250	1550
2789G	Each	33,80	36,40	39,30	46,60	54,30

For spare heads see Art. O2789.



2789GM **GEDORE**



Orig. Gedore - Art. 248 ST

With interchangeable heads, in white Poliamide, unbreakable, abrasions resistant, tested for temperatures up to -20 degrees. Balanced filling of the body with metal balls. Double beat effect compared to traditional hammers. Grip in sturdy steel tubing coated with soft rubber.

Head Ø	mm	25	30	35	40	45	50	60	70
Weight approx.	grams	370	585	670	820	1030	1180	1800	2400
2789GM	Each	39,60	41,60	43,50	51,10	57,30	59,50	105,00	164,00

Spare heads for Art. 2789 B and 2789 GM-O.

Head Ø	mm	25	30	35	40	45	50	60	70
O2789GM	Each	4,38	4,80	5,50	6,70	7,54	7,68	13,60	20,60

2789GO **GEDORE**



Orig. Gedore - Art. 248 F

With interchangeable heads, in white Poliamide, unbreakable, abrasions resistant, tested for temperatures up to -20 degrees. Balanced filling of the body with metal balls. Double beat effect compared to traditional hammers. Grip made of unbreakable fiberglass, for the utmost safety, covered with soft rubber.

Head Ø	mm	25	30	35	40	45	50	60
Weight approx.	grams	300	585	670	820	1030	1180	1800
2789GO	Each	57,20	59,60	65,30	72,30	78,90	89,80	143,00

For spare heads see Art. O2789GM.

NYLON HAMMERS, RECOILLESS

2789GP **GEDORE**



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 approx.	grams	570	670	800
2789GP	Each	49,50	52,90	68,60

Spare heads for Art. 2789 GP.

Head Ø	mm	30	35	40
O2789GP	Each	4,80	5,50	6,84

RECOILLESS HAMMERS

2789GR **mob**



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 runbber.

Head Ø	mm	30	35	45	50	60	100
Weight approx.	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	38,50	40,20	52,60	53,50	114,00	189,00

RUBBER MALLETS

2789GRL **SCU**

new



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 approx.	grams	300	430	525
2789GRL	Each	2,74	3,76	5,58

2789GS **SCU**



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 approx.	grams	180	310	540	800	1250
2789GS	Each	5,74	8,62	8,90	13,20	19,60

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 approx.	grams	310	540	800	1250
2789GT	Each	5,60	7,36	11,40	20,20



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	9,10
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Orig. Gedore-DIN 5128 - Art. 226 E

In black hard rubber, undeformable (90 Shore). With nylon fabric reinforcement. Ash wood handle.

Weight approx.	grams	310	540	800	1250
Head Ø	mm	55	65	75	90
2790G	Each	10,20	13,50	19,90	27,60



Orig. Gedore-DIN 5128 - Art. 227 E

In black semi-hard rubber, undeformable (60 Shore). With nylon fabric reinforcement. Ash wood handle.

Weight approx.	grams	310	540	800
Head Ø	mm	55	65	75
2791G	Each	16,50	21,60	26,20



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	53,50
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RAWHIDE MALLETS

Prod. SCU

In buff leather. Hardwood handle.

Weight approx.	grams	100	280	400	570	800	1400
Head approx. Ø	mm	30/35	40/45	50/55	60/65	70/75	85/90
Head height approx	mm	70	100	110	120	130	160
2792A	Each	74,90	118,00	146,00	181,00	253,00	399,00



WOODEN MALLETS

Prod. SCU

In hardwood, shaped handle.

Head Ø	mm	50	60	70	80	100
Weight approx.	grams	200	340	450	590	900
2793	Each	5,74	6,10	8,26	10,40	18,70



HARD LEAD MALLETS

Prod. SCU

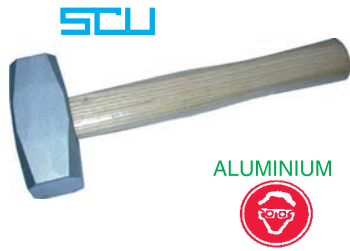
In lead alloy. Steel handle with accident-prevention fastening system.

Weight approx.	Kg	1	1,5	2	2,5	3	4	6
2794	Each	16,10	19,10	23,50	27,10	35,30	45,10	62,60
Weight approx.	Kg	9	12					
2794	Each	107,00	142,00					



ALUMINIUM HAMMERS

2795



Prod. SCU

Aluminium alloy.
Suitable for working easily deformable steel sheets and materials.
Ash wood handle, anatomic-shaped.

Size	2000	
Weight approx.	grams	600
2795	Each	29,10

Product running out of stock

SETS OF PANEL BEATING DOLLIES

2803T



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	261,00
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PANEL BEATING DOLLIES

2804



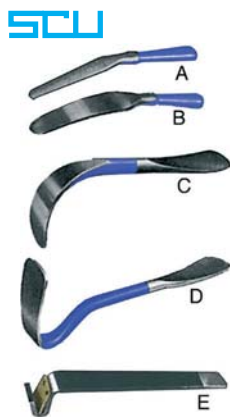
Prod. SCU

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	53,10	37,90	42,10	42,30	31,10	38,70	58,50

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	51,20	40,50	56,10	58,10	42,30	23,30

2805



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	40,10	46,60	69,80	104,00	24,10

2805GL



Prod. SCU

In special steel.
Knurled sheet striking tool, handle in plastic material. Length: 325mm. Width: 35mm. Weight: 400g.

2805GL	Each	165,00
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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 **32,70**



2806GA



Product description as Art. 2806GA

Length: 600mm.

2806GA 1 Each **37,80**



2806GA 1



Orig. Peddinghaus - Art. 197.01

Product description as Art. 2806GA
Head bent at 90°.
Length: 400mm.

2806GB Each **30,80**



2806GB



Prod. SCU

In CHROME-VANADIUM steel.
Chromium-plated levers to straighten bumpers and remove motor mechanical parts (heads, gears, etc.).
Length: 400mm.

2806P Each **25,90**



2806P



Product description as Art. 2806P

Head bent at 90°.

Length: 400mm.

2806T Each **22,50**



2806T



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 **38,90**



2808A



Product description as Art. 2808A

1 x knurled round head Ø 45mm and 1 x smooth square head 40mm. Weight: 350g..

2808F Each **51,80**



2808F



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 **26,40**



2809B



Product description as Art. 2808A

1 x smooth round crowned head Ø 40mm and 1 x ball head Ø 20mm. Weight: 420g.

2810 Each **29,80**



2810



Product description as Art. 2808A

1 x smooth round crowned head Ø 40mm and 1 x pointed head. Weight: 400g.

2810A Each **29,80**



2810A



2810B**SCU**

Product description as Art. 2808A

1 x smooth round crowned head Ø 40mm and 1 x peen head, width: 20mm. Weight: 420g.

2810B Each **29,80****2810C****SCU**

Product description as Art. 2808A

1 x smooth round flat head Ø 35mm and 1 x peen head, width: 38mm. Weight: 630g.

2810C Each **31,50****2810D****SCU**

Product description as Art. 2808A

Smooth and flat wide head, rectangular 50 x 30mm. Weight: 260g.

2810D Each **30,10****2810E****SCU**

Product description as Art. 2808A

With rectangular, crowned, wide flat head 50 x 30mm. Weight 280g.

2810E Each **31,40****TWISTING FORCE-BUMPING HAMMERS****2810G**

**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

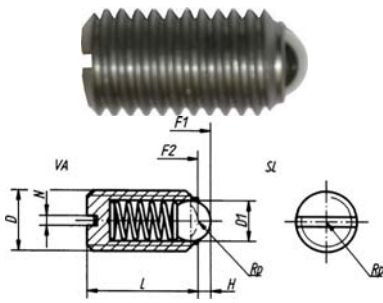
Hammer length mm 115

Overall weight grams 300

2810G Each **143,00**

2812C

SCU INOX

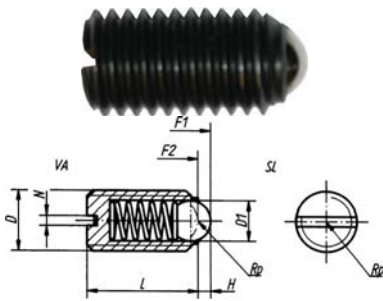


Ball spring plunger with slotted drive. In stainless steel. Hardened ball.

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 approx.	grams	0,2	0,6	0,9	1,5	3,5	7	10	24	44,3
2812C	Each	4,78	2,64	2,82	3,06	4,76	5,92	7,02	8,88	11,80

2812E

SCU

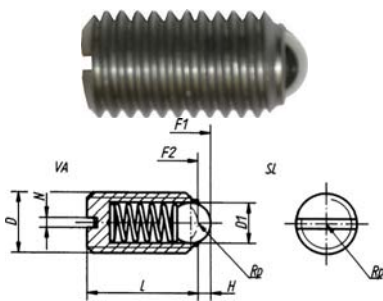


Ball spring plunger with slotted drive and heavy end pressure. In hardened steel, 5.8 resistance class, burnished. Hardened ball.

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 approx.	grams	0,9	1,5	3,5	7	10	24	44,3
2812E	Each	0,96	1,06	1,34	1,74	3,14	3,70	6,52

2812F

SCU INOX

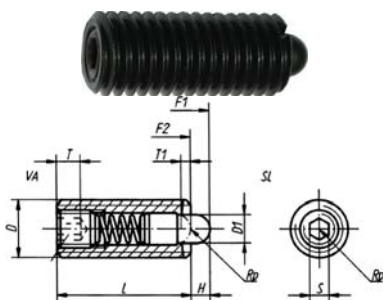


Ball spring plunger with slotted drive and heavy end pressure. In stainless steel. Hardened ball.

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 approx.	grams	0,9	1,5	3,5	7	10	24	44,3
2812F	Each	2,96	3,14	4,96	6,34	7,76	9,62	13,10

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 approx.	grams	0,35	0,8	1,3	2,5	6	9	16	
2812L	Each	4,34	3,46	3,28	3,46	3,92	4,34	5,66	
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 approx.	grams	35	66,3	122,2					
2812L	Each	7,20	9,36	16,40					

Ball nose spring plunger, in special plastic material, with hex socket.

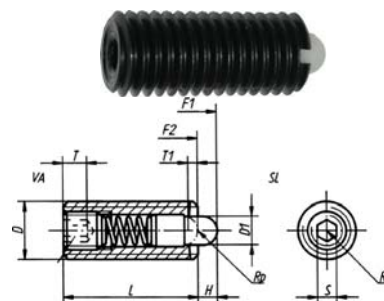
Hardened steel body, 5.8 resistance class, burnished.

Straight slot in the nose in plungers Ø from 4 to 16 is used for installation in blind boringd, 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 approx.	grams	0,8	1,3	2,5	6	9	16	35
2812M	Each	3,90	3,70	3,90	4,58	5,44	6,76	8,26

Installation wrenches for Art. 2812 L/M.

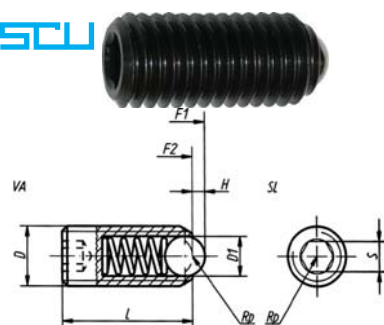
Size		3	4	5	6	8	10	12	16
For pressers 2812 L Ø	mm	3	4	5	6	8	10	12	16
For pressers 2812 M Ø	mm	-	4	5	6	8	10	12	16
O2812M	Each	45,40	26,20	26,20	26,20	31,70	32,70	36,90	40,30

2812M


Ball spring plunger with hex socket. In hardened steel, 5.8 resistance class, burnished.

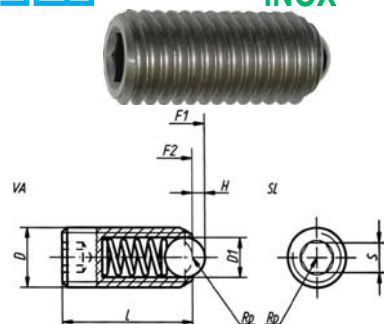
Hardened ball.

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 approx.	grams	2	4	8	12	31	64	100
2812P	Each	2,62	3,28	3,70	4,78	6,30	8,48	14,90

2812P


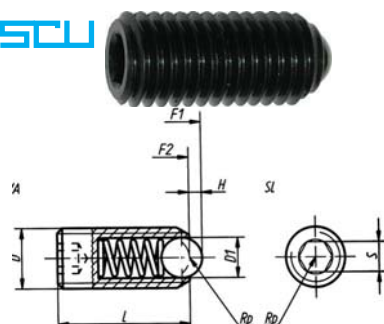
Ball spring plunger with hex socket. In stainless steel. Hardened ball.

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 approx.	grams	2	4	8	12	31	64	100
2812R	Each	6,76	7,40	8,68	11,60	18,10	23,10	36,90

INOX
2812R


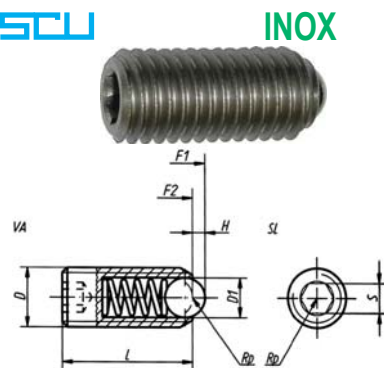
Ball spring plunger with hex socket and heavy end pressure. In hardened steel, 5.8 resistance class, burnished. Hardened ball.

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 approx.	grams	2	4	8	12	31	64	100
2812S	Each	2,86	3,68	3,92	5,44	6,96	9,36	16,40

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 approx.	grams	2	4	8	12	31	64	100
2812T	Each	7,62	8,26	9,58	12,70	19,90	25,10	41,40

INOX
2812T


STOP PINS

2812TE SCU



Prod. SCU

Type with retractable pin, control head and tightening counternut to adjust the pin depth. Made of 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	11,60	12,50	15,10	23,10

On demand, also available the STAINLESS STEEL version.

2812TF SCU

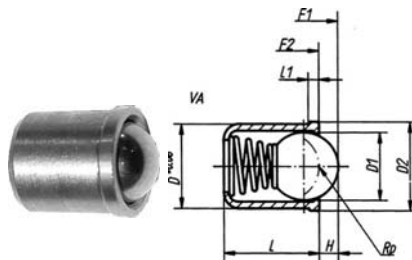


Serrated washers for screwing, made of steel, to be applied to the stop pins Art. 2812 TE so as to lock them in the desired position.

For pivots 2812TE	mm	5	6	8	10
2812TF	Each	19,50	20,10	20,40	20,60

SMOOTH SPRING PLUNGERS

2812V SCU



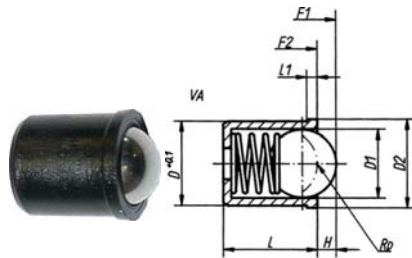
INOX

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 approx.	grams	0,3	0,6	1	2
2812V	Each	1,52	1,52	1,52	1,94

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 approx.	grams	0,17	0,35	0,66	1,46
2812Z	Each	0,90	1,08	1,08	1,30

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: 29mm, 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	Per pack	15,20

EXPANSION FIXING PLUGS

2813A SCU



Prod. SCU

High quality nylon fixing plugs.

Fixing lugs assure high tightness.

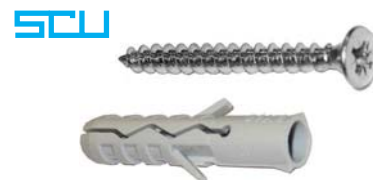
Without screw.

Ø	mm	5	6	8	10
Length	mm	25	30	40	50
Indivisible pck.	pcs	200	200	100	50
2813A	Per pack	3,56	4,06	4,00	3,74

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	Per pack	6,12	6,54	5,64	5,60


2813B

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	12x34	15x38
Indivisible pck.	pcs	200	100	100	50	40
2813Z	Per pack	47,60	29,30	42,70	30,10	43,50


2813Z

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	50	60	75
Screw thread	M.	6	8	10	12
Indivisible pck.	pcs	50	50	25	20
2814A	Per pack	50,10	65,50	46,50	49,70


2814A

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	Per pack	65,90	82,10	60,80	71,90


2814B

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	Per pack	87,10	106,00	76,30	89,50


2814C

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	Per pack	112,00	143,00	96,70	81,90


2814D

Product description as Art. 2814A

With open eyelet.

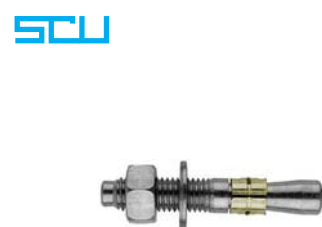
Ø	mm	12	14	16	20
Length	mm	40	50	60	75
Screw thread	M.	6	8	10	12
Indivisible pck.	pcs	50	50	25	15
2814E	Per pack	135,00	149,00	102,00	96,90


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	23	39	40	30	54	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	Per pack	67,20	73,80	77,20	105,00	57,90	64,90	64,90
Ø for length	mm	12x110	12x145	16x110	16x175	20x170	20x220	
Thread length	mm	68	84	58	88	70	70	
Indivisible pck.	pcs	50	40	25	20	10	10	
Max load on R 250	Kg	800	800	1200	1200	1900	1900	
2814L	Per pack	64,90	79,10	78,70	86,80	59,30	71,10	


2814L

2814P**SCU**

Product description as Art. 2814L

With blind nut and anti-rotation ring.

Ø for length	mm	8x65	8x80	10x75	10x110	12x85	12x120	14x100
Min bore depth	mm	50	50	60	60	70	70	80
Max use thickness	mm	15	30	15	50	15	50	20
Indivisible pck.	pcs	50	50	50	50	50	50	25
Max load on R 250	Kg	350	350	500	500	800	800	1000
2814P	Per pack	113,00	166,00	172,00	239,00	239,00	290,00	204,00
Ø for length	mm	14x130	16x110	16x130				
Min bore depth	mm	80	90	90				
Max use thickness	mm	50	20	40				
Indivisible pck.	pcs	25	25	25				
Max load on R 250	Kg	1000	1200	1200				
2814P	Per pack	255,00	312,00	364,00				

PERMANENT MAGNETS**2815A****SCU**

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.

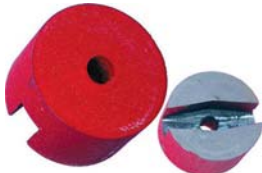
Ø	mm	12,7	17,5	20,6	27	34	35	50
Height	mm	15,8	15,8	19	25,4	20	30	40
Thread bore Ø	M.	4	6	6	6	6	6	8
Magnetic force	Kg	1,5	2,5	4	9,5	6	19	45
2815A	Each	6,20	6,76	7,98	12,90	23,10	26,60	56,40

2815B**SCU**

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	7,66	9,42	15,10

2815C**SCU**

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	5,72	8,06	14,20	25,80

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	27,40	40,30	162,00	290,00

2815F**SCU**

Product description as Art. 2815A

U-bolt-shaped type.

Height: 25.4mm. Thickness: 8mm.

2815F	Each	10,70
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PERMANENT MAGNETS FOR RAISING

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 bar 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	514,00	856,00	1.720,00	3.420,00

To choose the right lifting capacity, see thickness, surface finish tables and air gap. (table section)



MAGNETIC BLOCKS

Prod. SCU

Heat resistance: 450°C
In ALNICO alloy, completely magnetised.

Cylindric-type

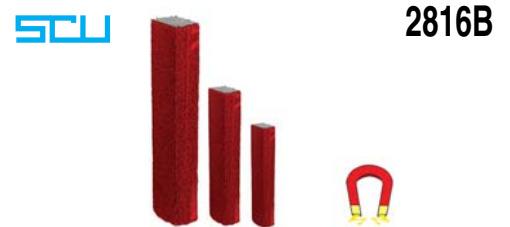
Ø	mm	6	8	10
Height	mm	20	25	30
2816A	Each	2,34	3,54	5,32



Product description as Art. 2816A

Rectangular-type

Width x thickness	mm	10x5	12,5x5	15x5	15x10
Height	mm	20	40	60	75
2816B	Each	3,54	7,10	10,70	19,40



PERMANENT CERAMIC MAGNETS

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	10,50	13,70	16,10



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	5,16	6,92



SETS OF CLAMPING DEVICES
2821A**SCU****Prod. SCU**

Set for "CAVA" 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.

Supplied in case.

2821A	Each	452,00
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2821B**SCU**

The set for 14mm SLOT contains: 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.

Supplied in case.

2821B	Each	485,00
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2821E**SCU**

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	569,00
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2821F**SCU**

The set for 18mm SLOT contains:

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.

Supplied in case.

2821F	Each	619,00
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CLAMPING DEVICES

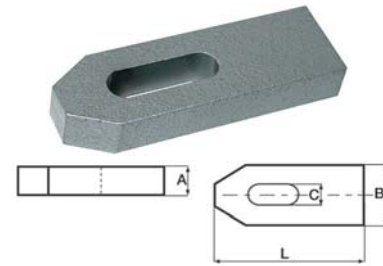
Prod. SCU

In special steel, hardened. Enamelled.
Simple construction - DIN 6314.

Art.		2822A	2822B	2822C	2822E	2822H	2822L	2822P	2822R
Bolts thread	M.	8	10	12-14	12-14	16-18	16-18	20-22	20-22
Groove (C) width	mm	9	11	14	14	18	18	22	22
Length (L)	mm	60	80	100	125	125	160	160	200
Thickness (A)	mm	12	15	20	20	25	25	30	30
Width (B)	mm	25	30	40	40	50	50	60	60
Each		8,20	9,00	12,40	14,80	17,40	20,90	26,80	33,50

Art.		2822S	2822T
Bolts thread	M.	24	24
Groove (C) width	mm	26	26
Length (L)	mm	200	250
Thickness (A)	mm	30	30
Width (B)	mm	70	70
Each		38,50	48,50

SCU

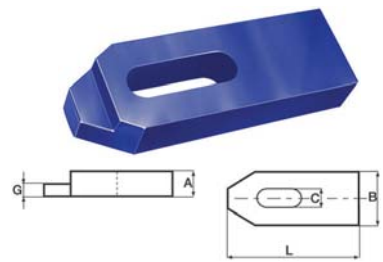


2822A
2822B
2822C
2822E
2822H
2822L
2822P
2822R
2822S
2822T

Product description as Art. 2822A
Simple construction, thin extremity.

Art.		2823A	2823B	2823C	2823E	2823F	2823L	2823P	2823R
Bolts thread	M.	8	10	12-14	12-14	16-18	16-18	20-22	20-22
Groove (C) width	mm	9	11	14	14	18	18	22	22
Length (L)	mm	60	80	100	125	125	160	160	200
Thickness (A)	mm	12	15	20	20	25	25	30	30
Width (B)	mm	25	30	40	40	50	50	60	60
End (G) thickness	mm	7	9	12	12	15	15	20	20
Each		11,80	13,40	16,80	18,40	21,80	23,50	31,80	35,20

SCU

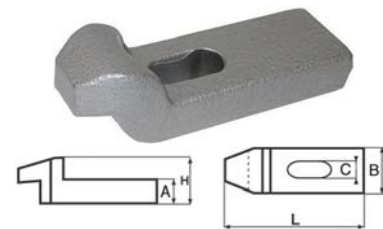


2823A
2823B
2823C
2823E
2823F
2823L
2823P
2823R

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		24,40	39,10	55,20	59,30	67,80	82,10	95,40

SCU

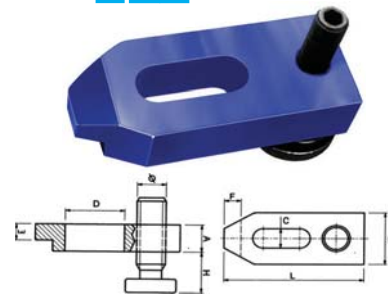


2824A
2824B
2824C
2824D
2824E
2824F
2824L

Product description as Art. 2822A
Simple construction, thin extremity and adjustable screw - DIN 6314AT.

Art.		2824M	2824P	2824Q	2824R	2824S	2824T	2824V	2824Z
Bolts thread	M.	12-14	12-14	16-18	16-18	20-22	20-22	24	24
Groove (C) width	mm	15	15	19	19	23	23	27	27
Length (L)	mm	125	160	160	200	160	200	200	250
Thickness (A)	mm	20	20	25	25	30	30	40	40
Width (B)	mm	40	40	50	50	60	60	70	70
End (E) thickness	mm	12	12	15	15	15	15	25	25
Adjustable height (H)	mm	15-50	15-50	15-70	15-70	15-70	15-70	15-70	15-70
Screw diameter	mm	20x4	20x4	30x6	30x6	30x6	30x6	30x6	30x6
Each		28,50	30,10	40,20	43,50	46,90	51,90	61,90	68,60

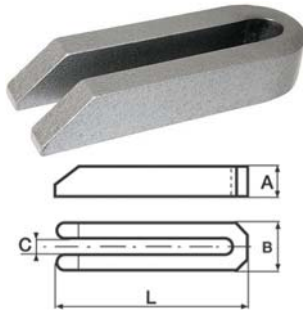
SCU



2824M
2824P
2824Q
2824R
2824S
2824T
2824V
2824Z

2825A
2825B
2825C
2825E
2825F
2825L
2825P
2825R
2825RA
2825S
2825T

SCU



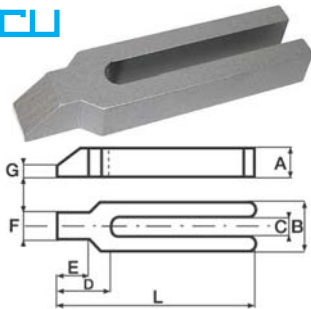
Product description as Art. 2822A
Grooved-type, chamfered - DIN 6315 B.

Art.....	2825A	2825B	2825C	2825E	2825F	2825L	2825P
Bolts thread	M. 8	10	12-14	12-14	16-18	16-18	20-22
Groove (C) width	mm 9	11	14	14	18	18	22
Length (L)	mm 80	100	125	160	160	200	200
Thickness (A)	mm 15	20	25	25	30	30	40
Width (B)	mm 25	30	40	40	50	50	50
Each	11,80	13,30	14,10	15,90	19,70	22,10	30,40

Art.....	2825R	2825RA	2825S	2825T
Bolts thread	M. 20-22	24	24	24
Groove (C) width	mm 22	26	26	26
Length (L)	mm 250	200	250	315
Thickness (A)	mm 40	40	40	40
Width (B)	mm 60	70	70	70
Each	37,70	33,90	42,10	61,90

2826A
2826B
2826C
2826E
2826L

SCU

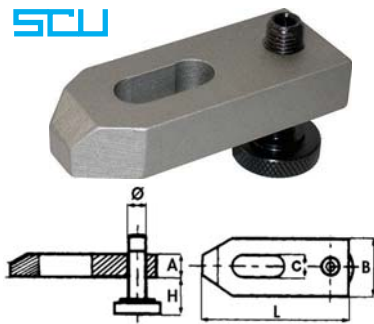


Product description as Art. 2822A
Grooved-type, with pin.

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	18,20	22,10	27,10	38,40	63,30

2827A
2827B
2827D
2827E

SCU

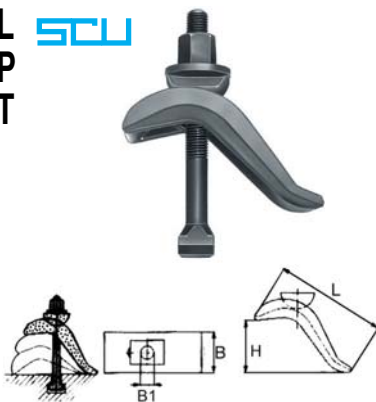


Product description as Art. 2822A
Simple construction type with adjusting screw - Similar to DIN 6314.

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	24,10	28,70	41,20	55,20

2827GL
2827GP
2827GT

SCU

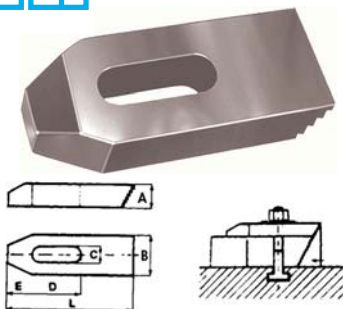


Product description as Art. 2822A
Curved-type, adjustable. Complete with screw for nuts, nut and washer. Suitable to tighten thick items in restricted areas.

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	91,10	101,00	139,00

2828A
2828B
2828C
2828D
2828E
2828F

SCU



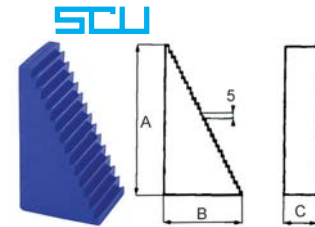
Product description as Art. 2822A
Simple construction, toothed extremity.

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	13,40	15,10	19,50	25,10	35,20	50,20

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	23	35	68
Overall height (A)	mm	32	64	128
Tooth height	mm	5	5	5
Each		7,90	14,50	20,90

The Art. 2828 P is in gray color.



2828L
2828P
2828R

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	352,00
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Available on request: couples of side clamps for contemporaneous vertical/horizontal clamping.



2828S

In UNI 42 CrMo4 steel.

According to ASTM A 193-B7 standard - class 10.9 - Threaded bars with thread obtained by rolling.

Lenght 1000 mm.

Thread	M.	6	8	10	12	14	16	18
2829	Each	6,52	7,54	11,10	12,90	18,40	23,50	26,80
Thread	M.	20	22	24				
2829	Each	33,50	41,90	53,60				



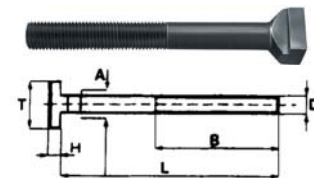
2829

In special steel, hardened. Burnished. Screws for T-nuts - DIN 787.

Thread.(D) x length (L) Mxmm		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	11,80	12,10	12,50	4,68	4,86	5,18	5,18
Thread.(D) x length (L) Mxmm		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	5,36	5,70	6,36	5,36	5,70	6,20	7,54
Thread.(D) x length (L) Mxmm		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	6,20	6,86	7,70	8,86	7,86	9,20	8,86
Thread.(D) x length (L) Mxmm		20x125	20x160	20x250	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	10,10	10,90	15,10	13,40	15,10	18,40	15,10
Thread.(D) x length (L) Mxmm		24x160	24x250					
Thread (B) length	mm	110	150					
Body Ø (A)	mm	23,7	23,7					
Head dimensions (TxH)	mm	40x16	40x16					
2829A	Each	17,60	26,10					

SCU

2829A



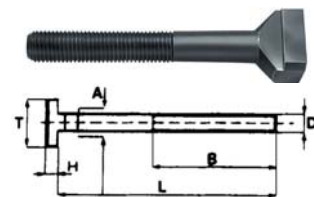
9

Screws for T-nuts - DIN 787 (Oversize head).

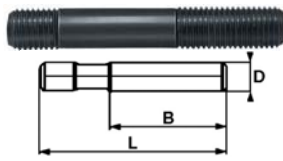
Thread.(D) x length (L) Mxmm		12x50	12x80	12x125	14x63	14x100	14x160	16x100	16x160
Thread (B) length	mm	35	55	75	45	63	100	63	100
Body Ø (A)	mm	13,7	13,7	13,7	15,7	15,7	15,7	17,7	17,7
Head dimensions (TxH)	mm	22x8	22x8	22x8	25x9	25x9	25x9	28x10	28x10
2829B	Each	6,02	7,02	7,86	6,70	7,02	7,86	9,70	11,10
Thread.(D) x length (L) Mxmm		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	11,90	13,40	15,30	17,90	19,80	19,40	23,80	29,10

SCU

2829B



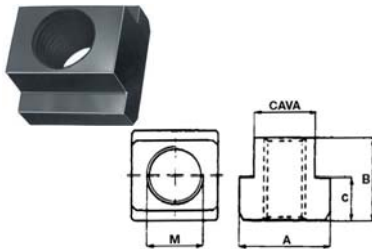
2829E



Threaded pins (stud bolts) DIN 6379.

Thread.(D) x length (L) Mxmm		6x40	6x60	6x80	8x40	8x63	8x80	8x125	10x50
Thread (B) length	mm	20	37	60	20	40	50	75	25
2829E	Each	0,78	0,84	1,14	0,96	1,04	1,34	1,90	1,18
Thread.(D) x length (L) Mxmm		10x80	10x100	10x160	12x63	12x80	12x125	12x200	14x63
Thread (B) length	mm	50	75	100	32	50	75	125	32
2829E	Each	1,38	1,72	2,38	1,86	2,02	2,40	3,02	1,88
Thread.(D) x length (L) Mxmm		14x100	14x160	14x200	16x100	16x160	16x200	16x250	18x80
Thread (B) length	mm	63	100	125	63	100	125	160	50
2829E	Each	2,14	3,00	3,50	2,68	4,02	4,72	4,86	2,68
Thread.(D) x length (L) Mxmm		18x160	18x200	20x125	20x160	20x200	20x250	22x100	22x160
Thread (B) length	mm	100	125	70	100	125	160	45	100
2829E	Each	4,18	4,86	4,02	4,86	5,70	6,70	4,18	6,02
Thread.(D) x length (L) Mxmm		22x200	22x250	24x160	24x200	24x250			
Thread (B) length	mm	125	160	100	125	160			
2829E	Each	6,70	8,36	6,36	7,36	9,04			

2829F



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	2,14	2,30	2,54	2,80	3,44	3,48	4,40	
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	5,86	6,48	6,98	11,10	13,30			

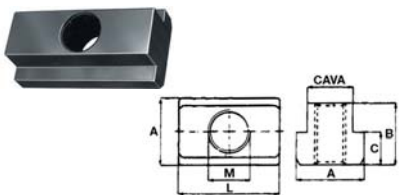
2829G



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	1,52	1,52	1,68	2,02	2,52	3,02	4,18	5,36	8,36

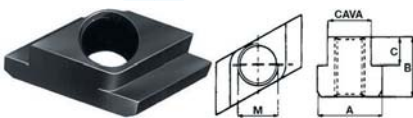
2829L



Threaded plugs for T-nuts, rectangular

Thread (M)	M.	8	10	12	14	16	18	20	24
Size (GROOVE)	mm	10	12	14	16	18	20	22	28
Plug dimensions (AxLxB)	mm	15x30x12	18x36x14	22x44x16	25x50x18	28x56x20	32x64x24		
Height (C)	mm	6	7	8	9	10	12		
2829L	Each	3,34	3,68	5,36	6,02	7,54	10,40		
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	14,30	20,10	26,80					

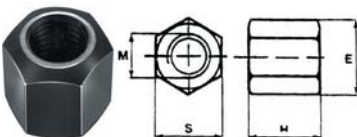
2829M



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	6,52	7,54	8,36	9,38	13,40	15,10	20,10

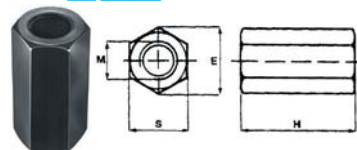
2829P



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	0,68	0,70	0,88	1,14	1,42	1,78	2,52
Thread (M)	M.	20	22	24				
Height x key opening (HxS)	mm	30x30	33x32	36x36				
2829P	Each	3,00	4,12	5,24				

2829R

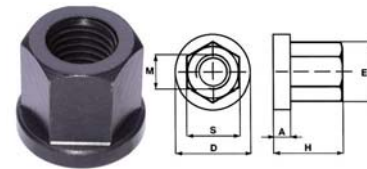


Nuts for threaded pins.

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	1,50	1,54	1,76	2,04	2,78	2,94	4,88
Thread (M)	M.	20	22	24				
Height x key opening (HxS)	mm	60x30	66x32	72x36				
2829R	Each	5,28	7,14	9,06				

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	1,50	1,60	1,78	2,18	2,82	3,36	6,36
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	5,28	7,94	10,00				

2829RA

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	0,74	0,84	1,02	1,24	1,50	1,70	1,98	2,84

2829S

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	0,50	0,60	0,78	0,94	1,10	1,34	1,50
For screws	M.	20	22	24				
Bore Ø	mm	21	23	25				
Ext. Ø x length	mm	50x6	50x8	60x8				
2829T	Each	1,86	2,54	3,30				

2829T

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	0,50	0,66	0,80	0,88	1,20	1,26	1,42
For screws	M.	20	22	24				
Bore Ø	mm	21	23	25				
Ext. Ø x length	mm	40x6	45x8	45x8				
2829TA	Each	1,42	1,68	1,84				

2829TA

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	0,74	0,84	1,02	1,24	1,50	1,70	1,98	2,84

2829V

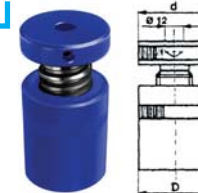
Concave washers, oversize DIN 6319 G.

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	1,18	1,26	1,42	1,52	1,68	2,02	4,36	4,86

2829Z

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 load capacity	kN	20	60	60	105	180
Weight	Kg	0,19	0,62	0,90	2,60	4,60
2830A	Each	21,80	33,50	38,50	66,90	114,00

2830A

50mm size has no central hole.
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
Portata max	kN	60	60	40	25
Weight	Kg	1,75	2,20	3,40	4,85
2830B	Each	83,70	109,00	151,00	210,00

2830B


2830E

SCU

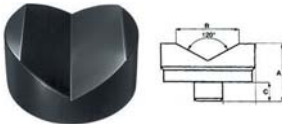


Rods for Art. 2830 A (except 50mm) and 2830 B.

Shape		convex
Support (B) Ø	mm	37
Height (A-C)	mm	18-8
2830E	Each	16,80

2830L

SCU

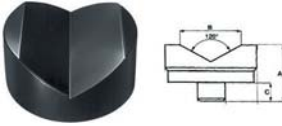


Product description as Art. 2830E

Shape		prismatic
Support (B) Ø	mm	32
Height (A-C)	mm	23-8
2830L	Each	26,80

2830M

SCU



Product description as Art. 2830E

Shape		prismatic
Support (B) Ø	mm	56
Height (A-C)	mm	38-8
2830M	Each	36,80

CLAMPING DEVICES

2831GA

SCU



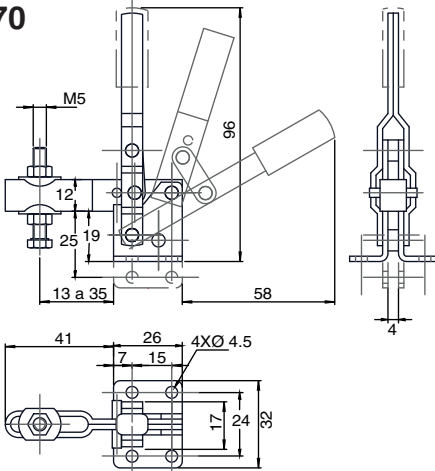
Prod. SCU

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.

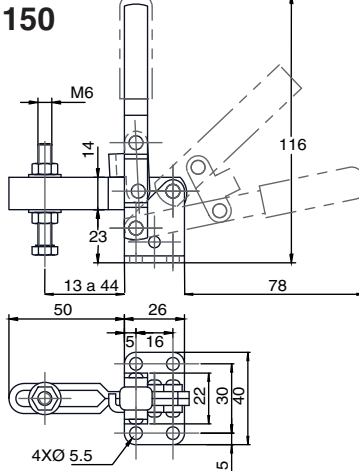
Vertical type, flat base.

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	20,40	22,20	30,70	37,10	48,30	50,80

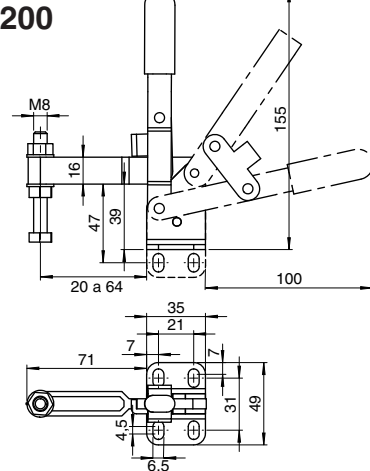
70



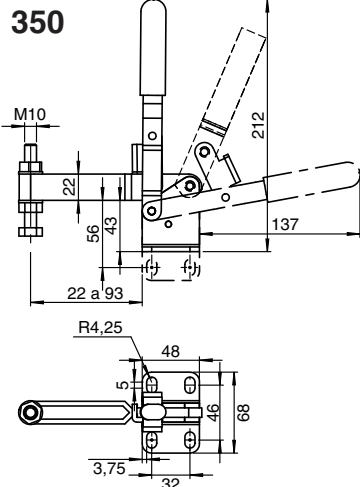
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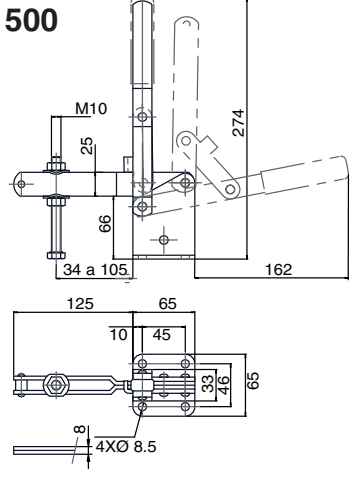
200



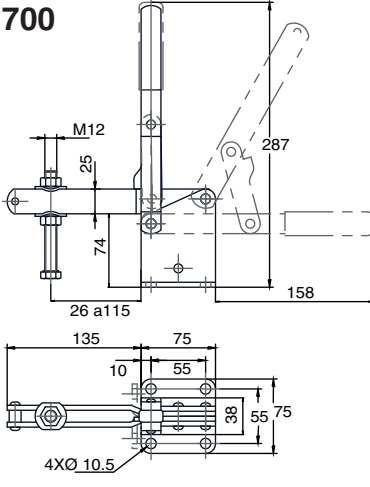
350



500



700

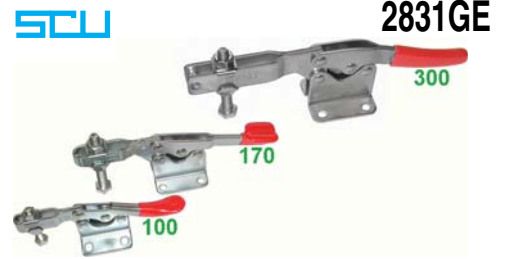
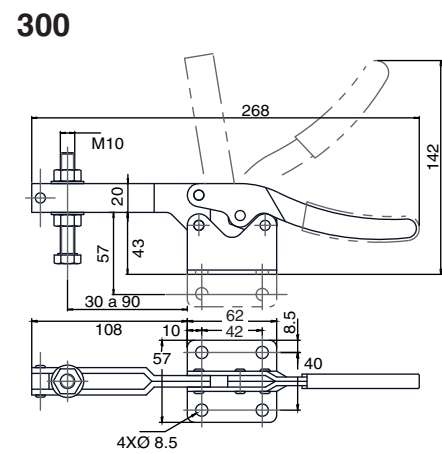
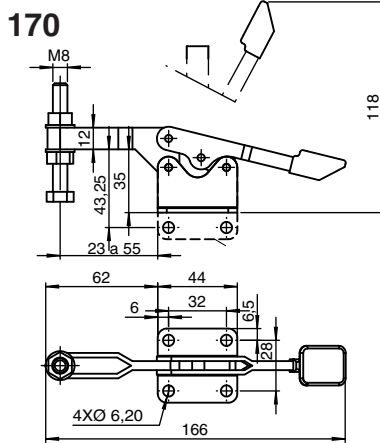
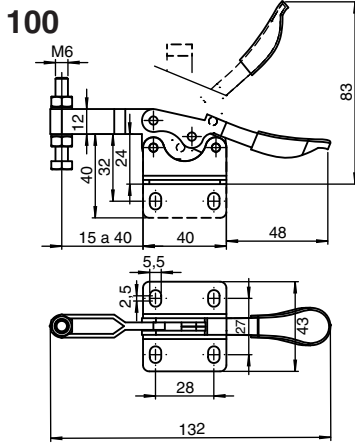


9

Product description as Art. 2831GA

Horizontal type, flat base.

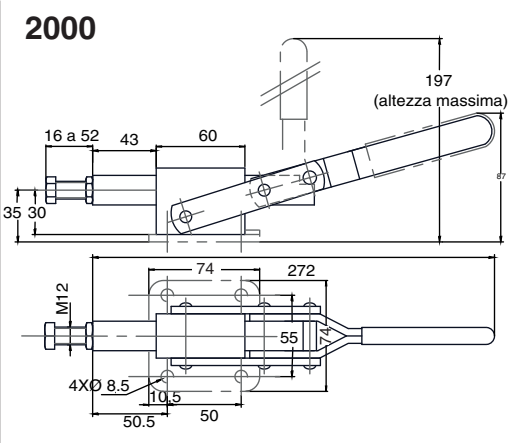
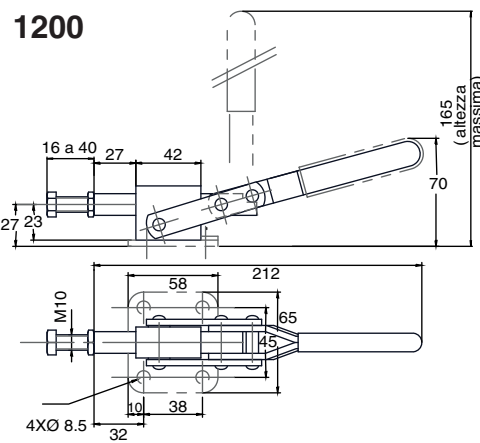
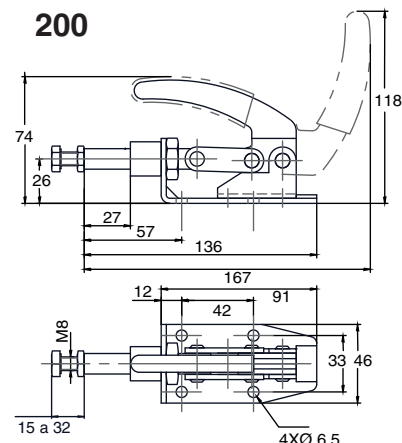
Max. force	daN	100	170	300
Threaded screw Ø	M	6	8	10
Hexagonal tip dimensions	mm	10	13	16
Weight	grams	110	220	500
2831GE	Each	22,30	23,70	39,30



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	34,80	81,60	113,00

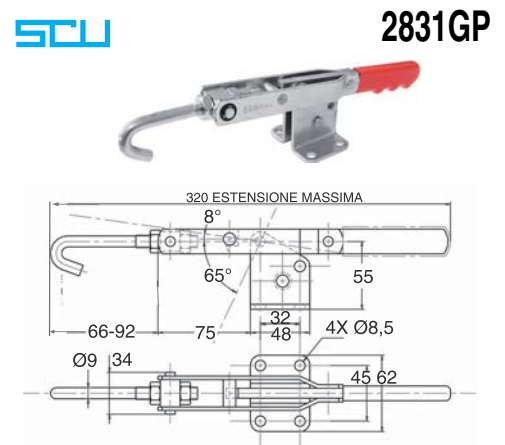


Secure and consistently high quality clamping devices. Double lever function, which does not allow any uncoupling during sealing. Galvanised steel with vinyl handle and stainless steel rivets.

Max. force expressed in daN.

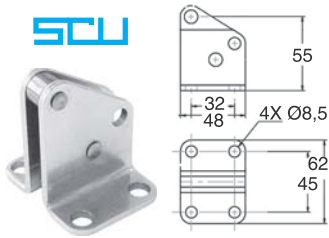
Tie rod type with hook, flat base.

Max. force	daN	350
Tie-rod Ø	mm	9
Tie rod stroke	mm	26
Weight	grams	714
2831GP	Each	51,50



2831GR

SCU

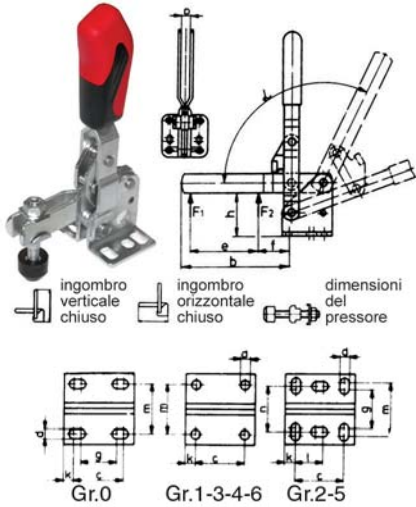


Galvanised steel.
Supporting attachment as per Art. 2831 GP.
Weight 225 grams.

2831GR	Each	16,80
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2832GA

SCU



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, base plane.

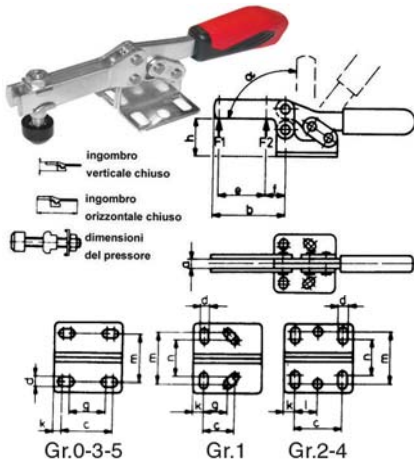
Size		0	1	2	3	4	5	6
Force min F1	N	500	800	1000	1400	2000	3000	3500
Max. force F2	N	700	1100	1200	2500	3000	5000	5500
Vertical dimensions as closed	mm	90	105	144	206	230	300	347
Horiz. dimensions as closed	mm	49	60	82	112	140	195	230
Presser dimensions	mm	M 4x25	M 5x30	M 6x35	M 8x45	M 8x65	M 12x80	M 12x110
Weight	grams	60	105	175	410	630	1480	2200
2832GA	Each	26,80	29,10	37,10	44,70	58,60	95,10	123,00

DIMENSIONS:(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°

2832GF

SCU



Product description as Art. 2832GA

Horizontal type, base plane.

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
Vertical dimensions as closed	mm	23	30	44	48	74	71
Horizontal dimensions 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	23,10	33,20	36,10	45,50	56,40	90,90

DIMENSIONS:(mm)

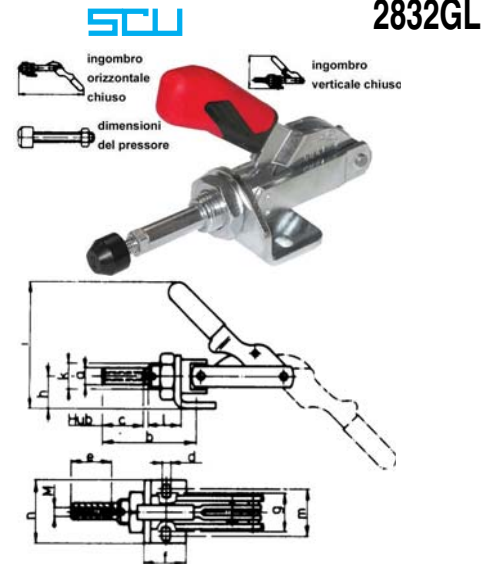
Gr.	a	b	c	d	e	f	g	h	k	l	m	n	α
0	4	26	16	4,6	11	10	11,2	15	5	-	16	-	90°
1	5	40	15	4,8	26	11	13	20	5,5	-	22	18	90°
2	6	64	26	5,5	35	22	-	25	6	12,7	29	20	90°
3	8	72	25,5	6,5	44	22	-	33	7	-	29	23	90°
4	10	111	41	8,5	66	34	-	44	8	20,5	43	29	90°
5	10	121	41,5	8,5	78	30	41,5	46	12,5	-	41,5	-	90°

Product description as Art. 2832GA
Thrust and traction type, base plane.

Size		0	1	2	3	5
Force min F1	N	800	1000	2000	2500	4500
Max. force F2	N	800	1000	2000	2500	4500
Vertical dimensions as closed (i)	mm	46	60	95	96	131
Horizontal dimensions 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	48,40	49,90	54,70	62,40	97,40

DIMENSIONS:(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

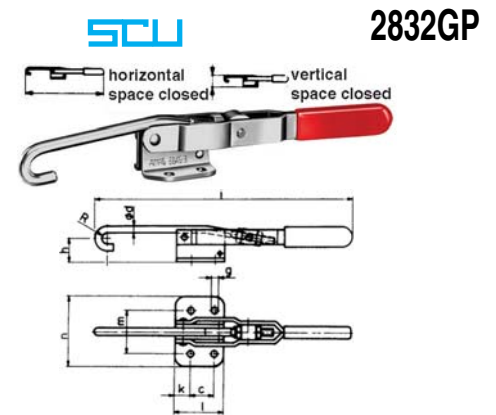


Product description as Art. 2832GA
Threaded rod type, base plane.

Size		1	3	5
Max. force F2	N	2000	3000	5000
Tie rod stroke	mm	5	12	12
Vertical dimensions as closed	mm	33	36	70
Horiz. dimensions as closed (i)	mm	148	242	320
Weight	grams	100	270	850
2832GP	Each	47,40	52,80	82,80

DIMENSIONS:(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

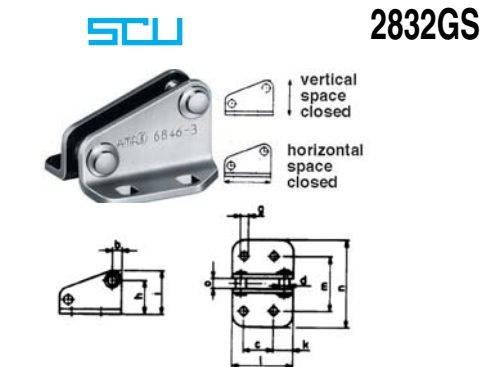


Product description as Art. 2832GA
Supports for Art. 2832 GP.

Size		1	3	5
Vertical dimensions as closed (i)	mm	29	29	61
Horiz. dimensions as closed (l)	mm	31	40	55
Weight	grams	40	70	320
2832GS	Each	17,90	21,10	26,20

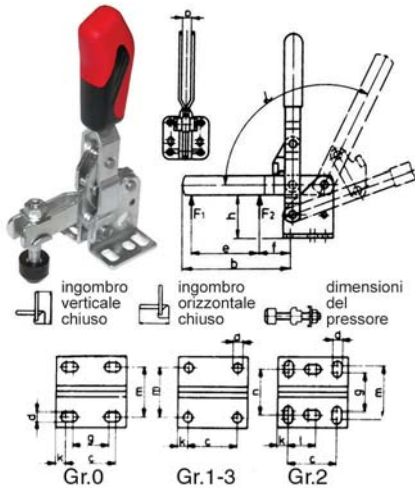
DIMENSIONS:(mm)

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



CLAMPING DEVICES IN STAINLESS STEEL

2834GA SCU INOX



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).

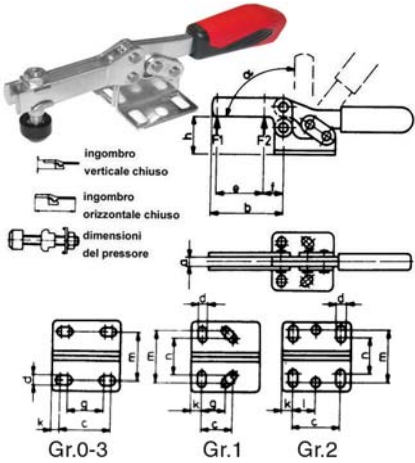
Vertical type, base plane.

Size		0	1	2	3
Force min F1	N	500	800	1000	1400
Max. force F2	N	700	1100	1200	2500
Vertical dimensions as closed	mm	90	105	144	206
Horizontal dimensions 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	47,40	52,10	67,20	94,20

DIMENSIONS:(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°

2834GB SCU INOX



Product description as Art. 2834GA

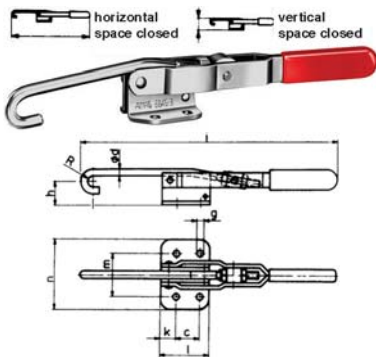
Horizontal type, base plane.

Size		0	1	2	3
Force min F1	N	250	800	1000	1800
Max. force F2	N	400	1100	1200	2500
Vertical dimensions as closed	mm	22	30	44	48
Horizontal dimensions 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	41,90	59,30	65,80	82,10

DIMENSIONS:(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°

2834GL SCU INOX



Product description as Art. 2834GA

Threaded rod type, base plane.

Size		1	3	5
Max. force F2	N	1000	1500	2500
Tie rod stroke	mm	5	12	12
Vertical dimensions as closed	mm	33	36	70
Horiz. dimensions as closed (i)	mm	148	242	320
Weight	grams	100	270	850
2834GL	Each	85,30	91,70	151,00

DIMENSIONS:(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

9

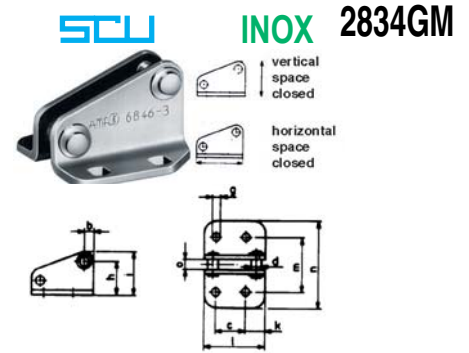
Product description as Art. 2834GA

Supports for Art. 2834 GL.

Size	1	3	5
Vertical dimensions as closed (i) mm	29	29	61
Horiz. dimensions as closed (l) mm	31	40	55
Weight grams	40	70	320
2834GM	Each 43,70	50,50	68,90

DIMENSIONS: (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
Prod. SCU

In forged steel. Knurled handle and through hole. Finely polished.

With wide jaws.

Overall length mm	115	130
Jaws width mm	16	20
2835GA	Each 28,60	33,60

2835GA

Product description as Art. 2835GA

With narrow jaws.

Overall length mm	115	130
Jaws width mm	8	8
2835GB	Each 28,60	30,70

2835GB

Size mm 130 is running out of stock

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 25,10	25,50	28,60	32,60	38,10	42,80	63,40	89,50

2836G

Locking thumb screws for Art. 2836 G.

For terminals mm	85	100	120	130	145	160	180	200
O2836G	Each 11,70	13,10	14,10	14,60	15,60	17,50	20,90	26,30

In forged steel. Hardened jaws.

Inner spring. Zinc finish.

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 57,10	64,10	84,40	112,00

2836GE

Locking thumb screws for Art. 2836 GE.

For terminals mm	145	160	180	200
O2836GE	Each 20,90	25,60	26,30	31,30

In forged steel. Hardened jaws.

Inner spring. Zinc finish.

Heavy model. Thumb locking

Overall length mm	145	180	200
Jaws width mm	50	62	65
Max opening mm	35	45	55
Weight grams	1360	2200	2500
2836GP	Each 74,40	106,00	135,00

2836GP

Screws with nut for Art. 2836 GP.

For terminals mm	145	180	200
O2836GP	Each 25,30	26,30	31,30

In forged steel. Hardened jaws.

Inner spring. Zinc finish.

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 25,10	28,40	40,50

2837G

HAND VICES

2840G SCU



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	mm	25	50	75	110	150	240	255
Min÷max depth	mm	15/17	35/40	35/50	60/75	60/85	80/135	150/190
Jaws side	mm	8	12	22	22	22	32	32
Weight	grams	30	170	500	900	1400	3300	4850
2840G	Each	49,70	59,50	79,10	92,90	148,00	400,00	577,00

2842G SCU



Product description as Art. 2840G

In rust-proof, stainless steel.

Size		1	2	3
Max opening	mm	25	50	75
Min÷max depth	mm	15/17	35/40	35/50
Jaws side	mm	8	12	22
Weight	grams	40	220	600
2842G	Each	103,00	135,00	193,00

SWIVEL PRECISION VICES

2845G SCU



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	233,00

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	233,00

Spare aluminium jaws for Art. 2845 G-2846 G.

O2847GA	Per pair	14,60
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Plastic jaws for Art. 2845 G-2846 G.

O2847GB	Per pair	14,60
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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. enuta delle schede con guide a molla.

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

Product running out of stock

CLAMPING BENCH VICES

2853G SCU



Prod. SCU

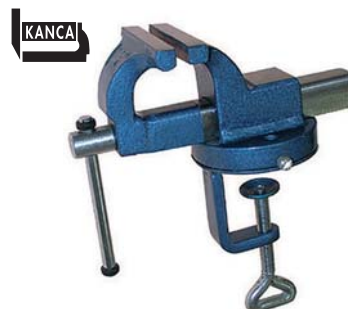
Swivel type. In high resistance special cast iron and hardened steel inserted jaws. Suitable to goldsmiths, watchmakers and fine mechanics. Revolving basement and bench fixing with clamp.

Jaws width	mm	50
Max jaws opening	mm	45
Weight	Kg	2,5
Terminal opening	mm	45
2853G	Each	34,40

Orig. KANCA

Swivel type, vice parallel to anvil. Very sturdy construction completely in forged steel. Milled jaws, additionally hardened clamping tables and anvil. Bench fixing with clamp.

Art.		2853GL	2853GP
Jaws width	mm	50	75
Max jaws opening	mm	35	45
Weight	Kg	1	1,6
Terminal opening	mm	50	48
Supplier code.....		FORTISSIMO	FORTISSIMO
Each		66,20	88,20



2853GL
2853GP

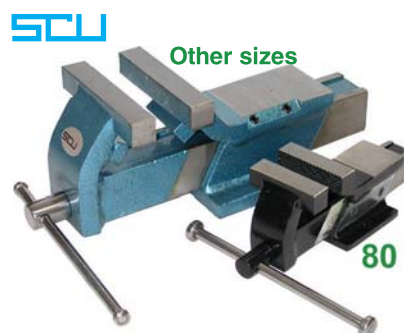
BENCH VICES

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	106,00	118,00	148,00	197,00



2853T

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	105	130	160	175
Weight	Kg	6	10	19	28
2854	Each	136,00	191,00	276,00	383,00



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 vise.

Jaws width	mm	125	150
Max opening	mm	150	170
Weight	Kg	9,15	16
2854E	Each	134,00	193,00



2854E
new

Prod. SCU

LEAD JAWS FOR VICES

Jaws width	mm	100	120	150
2855	Per pair	14,40	16,80	20,60



2855

COPPER JAWS FOR VICES

Jaws width	mm	100	120	150
2855B	Per pair	37,10	43,50	51,40



2855B

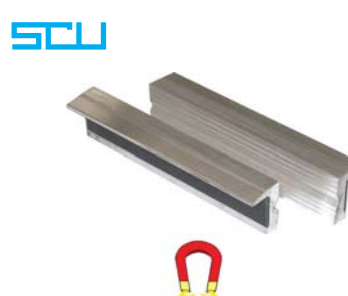
SPECIAL MAGNETIC JAWS FOR VICES

Prod. SCU

Provided with special earth 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	32,30	34,30	34,30	36,30



2855CM

In combination with jaws Art. 2855 FM to tighten taper sleeves.

2855CP

SCU



Product description as Art. 2855CM

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. Round magnet for a very firm tightening.

Jaws length	mm	100	120	125	150
2855CP	Per pair	44,70	47,10	48,70	57,20

In combination with jaws Art. 2855 FP to tighten taper sleeves.

2855DM

SCU



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	36,30	40,40	40,40	42,40

2855DP

SCU



Product description as Art. 2855CM

Aluminium type with 2 horizontal slightly deep grooves, 2 horizontal deeper grooves and 3 vertical grooves on one jaw only to place workpieces in different working positions. Ideal to tighten even round components such as rod iron, etc. Round magnet for a very firm tightening.

Jaws length	mm	100	120	125	150
2855DP	Per pair	54,30	57,20	61,10	66,80

2855EM

SCU



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	36,30	40,40	40,40	44,50

2855EP

SCU



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. Round magnet for a very firm tightening.

Jaws length	mm	100	120	125	150
2855EP	Per pair	50,20	54,90	59,20	62,50

2855FM

SCU



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	36,30	40,40	40,40	44,50

In combination with jaws Art. 2855 CM to tighten taper sleeves.

2855FP

SCU



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. Round magnet for a very firm tightening.

Jaws length	mm	100	120	125	150
2855FP	Per pair	50,20	54,90	59,20	62,50

In combination with jaws Art. 2855 CP to tighten taper sleeves.

UNIVERSAL BENCH VICES, BENCH VICES FOR INSTALLERS
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 between 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	172,00	202,00	279,00	382,00


2855GA

Orig. KANCA

Swivel type.

Vice parallel to anvil, sturdy and stable double profile guide.

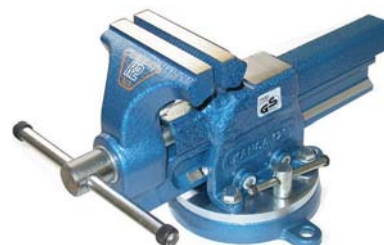
Completely in forged steel. Indestructible, milled jaws and additionally hardened clamping tables.

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 between 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	238,20	281,40	376,10	494,00


2855GL


Swiveling base only, for Art. 2855 GA and 2855 GL.

For vices	mm	100	120	140	160
O2855GP	Each	66,20	79,40	97,10	112,00

BENCH VICES, BENCH VICES FOR INSTALLERS
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 between 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	195,00	235,00	268,00	318,00	406,00	441,00


2856GA

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 between 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	259,10	303,40	338,60	395,20	487,60	522,60


2856GL


Swiveling base only, for Art. 2856 GA and 2856 GL.

For vices	mm	115	125	135	150	175	200
O2856GM	Each	64,10	68,40	70,60	77,20	81,60	81,60

UNIVERSAL BENCH VICES
2859GA**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 between 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	157,00	175,00	215,00	247,00	296,00	384,00	421,00

2859GL**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 between 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	214,40	239,10	283,40	317,60	373,20	465,60	502,60

Swiveling base only, for Art. 2859 GA and 2859 GL.

For vices	mm	100	115	125	135	150	175	200
O2859GP	Each	57,40	64,10	68,40	70,60	77,20	81,60	81,60

2860G

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	160	190
Height between guides and jaws	mm	75	100
Anvil dimensions	mm	50x70	65x80
Weight	Kg	8,9	17,4
2860G	Each	162,00	222,00

For turntable bases see Art. O2859 GP 125 - 150.

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 between guides and jaws	mm	73,5
Weight	Kg	17
2860GE	Each	426,00

ACCESSORIES FOR STEEL DROP-FORGED VICES
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	48,60	57,40	61,80	70,60

The jaw width 125 mm is also suitable for the vices Art. 2859 GA L-115.


2861GA

Product description as Art. 2861GA

Unbreakable plastic jaws.

Jaws width	mm	115	125	135	150	175
2861GB	Each	43,10	45,20	47,50	49,70	54,10


2861GB

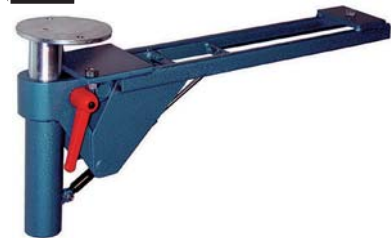
Screw terminals for bench fixing of vices Art. 2856 GA / 2859 GA.

For vices	mm	100	115	125
Terminal opening	mm	85	85	85
2861GF	Each	90,40	90,40	90,40


2861GF
LIFT MOBILS
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	642,00	642,00	642,00


2861GR
AUTOMATIC ELEVATORS
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	375,00	375,00	375,00	375,00


2861GS
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	461,00	534,00


2861GT
PIPE WORKING VICES
Prod. SCU

Body in rolled steel. Milled jaws, hardened.

For pipes up to	inch	2	3	4	6
Weight	Kg	4,5	8	15	41
2863	Each	128,00	198,00	428,00	719,00


2863

PIPE WORKING VICES
2863E **SCU**

Prod. SCU

 In forged steel.
 Milled jaws, hardened.

For pipes up to	inch	2	3
Weight	Kg	6	9
2863E	Each	192,00	277,00

2863GA **KANCA**

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	164,00	249,00	454,00

2864G **SCU**

Prod. SCU

 In forged steel.
 Milled jaws, hardened.

For pipes up to	inch	2	3	4
Weight	Kg	4,7	8	12
2864G	Each	132,00	215,00	283,00

CHAIN PIPE VICES
2865G **SCU**

Prod. SCU

 In forged steel. Hardened jaw.
 Reinforced chain.

For pipes up to	inch	2.1/2	4	6
Weight	Kg	1,9	4	11,8
2865G	Each	152,00	224,00	291,00

2865L **SCU**

 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	900,00
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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	21	25	40
2866	Each	323,00	465,00	561,00

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	29,40	55,00

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 distance between centres	mm	108	128	153	178
Eyelets width	mm	13,5	13,5	13,5	13,5
2868B	Each	90,60	105,00	138,00	182,00


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	7	14	24
Useful opening	mm	85	110	150	180
Transversal distance between centres	mm	125	160	195	215
Eyelets width	mm	9,5	13	15	15
2868E	Each	138,00	229,00	301,00	399,00


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 distance between centres	mm	220
2869A	Each	240,00

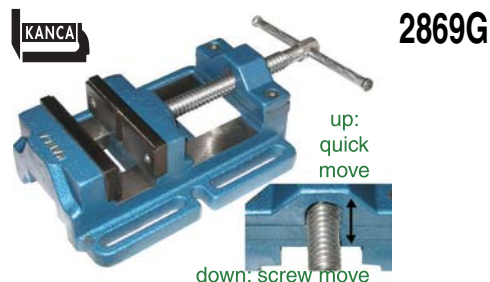


Type with quick closing system.

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 distance between centres	mm	157,5
Eyelets width	mm	13
2869G	Each	152,00



The vice is not suitable for high vibration operations.

MACHINE VICES
Prod. SCU

Swivel type.

Body in high resistance special cast iron. Jaws in steel, hardened and ground.

Ground sliding parts. Completely covered screw. With crank.

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	41	56
2872G	Each	251,00	283,00	430,00	573,00



Swivel type 360°, tilting 90°.

Per lavorazioni su fresatrici e trapani.

Body in high resistance special cast iron. Interchangeable jaws in steel, hardened and ground.

Ground sliding parts. Completely covered screw. With crank.

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	453,00	536,00	618,00



2874G



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

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	235,00	298,00	470,00

2874GE



Product description as Art. 2874G

Jaw extension rapid adjustment

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	220,00	360,00

2876G

new



Prod. SCU - Röh

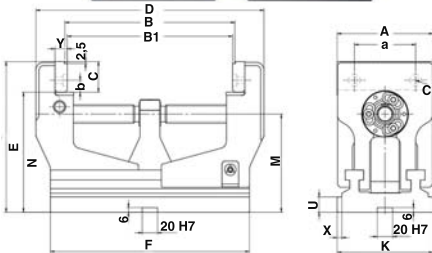
High-precision SELF-CENTERING type for machining workpieces on 5 sides for NC machines.

Compact size, with large clamping jaws for a firm grip of the piece. Made entirely of high hardness steel, hardened and milled. Interchangeable jaws in steel, hardened and ground.

Concentric locking jaws with manual feed. The device can be connected to a torque wrench for precise and constant tightening. Maximum force applicable 150. Nm. (Tightening repeatability 0.02 mm).

Jaws width	mm	125
Dimensions B min	mm	23
Dimensions B max	mm	142
Dimensions B1	mm	17-136
Dimensione C	mm	128
Dimensions d	mm	218
Dimensions E	mm	196,5
Dimensione F	mm	180
Dimensione N	mm	156,5
Dimensions U	mm	20
Dimensione X	mm	6
Tightening force	kN	25
Weight	Kg	17,4

2876G	Each	4.330,00
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PARALLEL COUPLES

2878GT

new



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	Each	235,00
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2879



Orig. MIB - Art. 06062032

Product description as Art. 2878GT

Parallels total length 150 mm. The set consists of Nr. 14 couples having the following thickness x width: 10x14 - 10x16 - 10x18 - 10x20 - 10x22 - 10x24 - 10x26 - 10x28 - 10x30 - 10x32 - 10x35 - 10x40 - 10x45 - 10x50 mm.

Supplied in case.

2879	Each	345,00
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ANVILS

Prod. SCU

In moulded cast iron, with hardened and enamelled working surface.
Suited to mechanics and fine mechanics.

SCU



2883

Weight approx.	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	31,60	58,10	114,00	216,00	325,00	545,00



In moulded steel, with hardened and polished working surface.
Suited to mechanics and fine mechanics.

SCU



2884

Weight approx.	Kg	10	20	30	40	50	60	80
Dimensions	mm	360x90	465x105	515x120	600x130	630x140	665x150	745x170
Height approx.	mm	96	140	145	170	190	205	220
2884	Each	175,00	362,00	506,00	644,00	782,00	940,00	1.210,00



Weight approx.	Kg	100
Dimensions	mm	800x180
Height approx.	mm	240
2884	Each	1.540,00

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.

KANCA



2885G

Weight approx.	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	342,00	598,00	854,00	1.290,00



MACHINIST'S SCRAPERS

Prod. SCU

Type with triangular blade in chrome plated steel, hardened, hardness 58-62 HRc. Wooden handle.
Suited to mechanics and fine mechanics.
Blade dimensions: 75x7mm.

SCU

2909G

2909G	Each	11,50
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In chrome plated steel, hardened, hardness 58-62 HRc.
Wooden handle.

SCU

2910G

Triangular and profiled-type

Blade length	mm	100	150	200	250
2910G	Each	9,28	9,94	10,70	12,60



Product description as Art. 2910G

Spoon-shaped type.

SCU

2911G

Blade length	mm	100	150	200	250
2911G	Each	10,10	11,20	12,20	13,50



Product description as Art. 2910G

Flat type

SCU

2912G

Blade length	mm	100	150	200	250
2912G	Each	9,58	10,60	12,30	13,70



Product description as Art. 2910G

Triangular, flat-type

SCU

2913G

Blade length	mm	80	100	150	200	250
2913G	Each	8,80	9,92	11,20	12,90	15,20



Sizes mm 80 and 250 are running out of stock

Product description as Art. 2910G

Triangular spoon-shaped type

SCU

2914G

Blade length	mm	100	150	200	250
2914G	Each	10,10	11,20	12,20	13,50



2916G

SCU



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	15,70

CARBIDE TIPPED FLAT SCRAPERS

2918GA
2918GP

SCU



HARTMETALL

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	74,40	90,50	115,00

Spare tips for Art. 2918 GA.

Cutting edge width	mm	20	25	30
2918GP	Each	44,60	50,70	60,60

TRIANGULAR SCRAPERS

2920G

SCU



Prod. SCU

Model with interchangeable special steel blade, hardened.
Wooden handle.

Cutting edge side	mm	60	80
Overall length	mm	240	240
2920G	Each	6,62	6,84

Spare blades for Art. 2920 G.

Cutting edge side	mm	60	80
O2920GA	Each	3,36	3,82

"L" SHAPE SCRAPERS

2921

SCU



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	15,70

EXTRA-FLAT CHISELS

2926G

SCU



Prod. SCU

Made from CHROME-VANADIUM steel.
Self-hardened, lacquered. Hardened heads.
Narrow flat chisels for metal and stone working

Length	mm	240
Section	mm	26x7
2926G	Each	10,40

COLD CHISELS, CROSS CUT CHISELS, DRIFTS, PUNCHES, PIN PUNCHES

2927GA

SCU



Prod. SCU

Made from CHROME-VANADIUM steel. Self-hardening, 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	6,10	6,64	8,06	8,90	10,90	13,40

2927GB

SCU



Prod. SCU

Product description as Art. 2927GA
Flat cross cut chisels.

Length	mm	125	150	175	200	250
Cutting edge width	mm	5	6	7	8	9
Section	mm	17x11	17x11	17x11	20x12	23x13
2927GB	Each	6,94	8,14	9,28	9,84	12,60

2927GC

SCU



Product description as Art. 2927GA

Knurled drifts

Length	mm	100	115	130
Body Ø	mm	8	10	12
2927GC	Each	3,68	4,66	5,96

Product description as Art. 2927GA

Octagonal drifts

Size		1	2	3
Length	mm	120	120	150
Body Ø	mm	10	12	12
2927GD	Each	2,82	3,16	4,36



Product description as Art. 2927GA

Knurled pin punches

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	3,46	3,46	3,58	3,58	4,68	4,68	4,68



Product description as Art. 2927GA

Octagonal pin punches. DIN 6450.

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	4,66	4,66	4,66	4,66	4,66	5,30	5,30

For pins Ø	mm	9	10	12
Length	mm	150	150	150
Section	mm	12	12	14
2927GE	Each	5,30	5,30	6,78



Product description as Art. 2927GA

Octagonal pin punches. DIN 6450 with hand guard in bi-component material.

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	7,10	7,10	7,10	7,10	7,10	7,74



Product description as Art. 2927GA

Octagonal pin punches. DIN 6450.

Long type.

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	5,76	5,76	5,76	6,60	6,60



Product description as Art. 2927GA

Octagonal punches

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	2,98	2,98	2,98	2,98	3,24	3,24	3,24	3,24



ELECTRICIANS' CHISELS

Prod. SCU

Made from 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	22,50



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	4,90	5,72	6,20	6,64	7,58



STONE CHISELS
2927GH SCU


Cutting 50/70 mm

**Prod. SCU**

Made from CHROME-VANADIUM steel. Self-hardening, 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	8,24	10,90	17,20	18,70	12,20	13,70	15,60	18,70

2927GL SCU


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	8,24	9,84	12,20	13,70	15,60	18,70

2927GM SCU


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	8,24	9,28	11,10	12,20	13,20	19,10

ASSORTMENT OF CHISELS, PUNCHES, PIN PUNCHES
2928G SCU
**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	32,60
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2928GA SCU


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	42,50
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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	20,10
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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 **29,20**

SCU

2928GF



Composition:
 6 2927 GE 3-4-5-6-8-10 mm punches
 Complete assortment. In a practical plastic holder.

2928GG Each **31,30**

SCU

2928GG



Composition:
 6 2927 GE 3-4-5-6-8-10 mm punches
 Complete assortment. In a plastic box.

2928GH Each **38,20**

SCU

2928GH



Each set contains:
 6 pin punches 2927 GE 3-4-5-6-8-10mm
 Complete set. Supplied in practical jointed metal case.

2928GL Each **41,10**

SCU

2928GL



Composition:
 5 2927 GEP 2-3-4-5-6 mm punches
 Complete assortment. In a practical and sturdy plastic box.

2928GP Each **51,10**

SCU

2928GP



RIBBED CHISELS

2931




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	11,30	14,50	20,10	28,80

EXTRA-FLAT CHISELS

2933E




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	7,14

2933G




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	14,30

COLD CHISELS, CROSS CUT CHISELS, DRIFTS, PUNCHES, PIN PUNCHES

2934GA




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	7,10	8,32	9,88	12,90	13,50	15,50	18,50	21,10

2934GB




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	5,94	8,92	16,10

2934GC




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	9,04	10,90	13,80	14,30

2934GD




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	6,44

2934GE




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	4,66	5,38	7,00	10,70

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	4,38	4,38	4,42	4,42	4,38	5,38	5,38	5,38	5,38
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GEDORE

2934GF



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	3,66	3,66	3,66	3,66	3,66	3,66	3,66	3,66	3,66
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SCU

2934GN



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 quality, professional execution.

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	6,94	7,00	6,94	6,94	6,94	10,80	8,32
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For pins Ø	mm	8	9	10	12
Length	mm	150	150	150	150
Section	mm	12	12	12	14

2934GR	Each	8,26	8,32	8,28	9,08
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GEDORE

2934GR



PIN PLUS PRECISION COLD CHISELS, PUNCHES, PIN PUNCHES

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.

Pin punch

For pins Ø	mm	6	7
Overall length	mm	150	150

2934GZ	Each	9,18	9,18
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Product running out of stock

GEDORE

2934GZ



PRECISION PIN PUNCHES

Prod. SCU

Made from 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	5,48	5,48	6,06	6,28	6,44	8,60	8,96
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SCU

2935G



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 quality, professional execution.

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	6,22	6,22	7,36	7,92	10,90
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GEDORE

2935GA



2935GB GEDORE



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	10,60	13,60

2936GA GEDORE



Cutting 50/80 mm

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	12,10	14,80	17,40	20,50	20,30	22,90	25,60

Type 250 A - 250 B with 50-80mm with oversize cutting edge.

2936GB GEDORE



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	14,00	16,20	20,60	21,30	26,80

2936GC GEDORE



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	14,00	16,40	21,10	21,30	23,20

MARKING TOOLS

2936GM GEDORE



HARTMETALL

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	23,30

AUTOMATIC MARKING TOOLS

2936GMF SCU



125

160

Prod. SCU

Automatic percussion model with spring mechanism for manual use.

Made from 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	12,30	24,50

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	28,70

Prod. SCU

Automatic percussion model with spring mechanism for manual use. Made from 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	19,10

SCU
2936GRE


HARTMETALL


HEADERS FOR RIVETS
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	6,00	6,00	6,84	8,00	9,12

GEDORE
2936GV

CHISELS HAND GUARDS
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	6,04
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GEDORE
2936GZ

DRIFTS AND PIN PUNCHES HAND GUARDS
Prod. SCU

Universal type. Made from dual component material for a safe and comfortable grip.

For tools with octogonal section	mm	10
Length	mm	75

2936GZE	Each	2,46
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SCU
2936GZE

SETS OF CHISELS AND PUNCHES
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	46,70
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GEDORE
2937GB

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	38,50
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GEDORE
2937GC


SETS OF PIN PUNCHES
2937GCR SCU

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	42,90
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2937GD GEDORE

Orig. Gedore - Art. 116

Each set contains :

6 x 2934 GR cross cut chisels 3-4-5-6-7-8mm

Complete set supplied on wooden tool holder, enamelled.

2937GD	Each	53,60
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2937GE GEDORE

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	55,70
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2937GL SCU

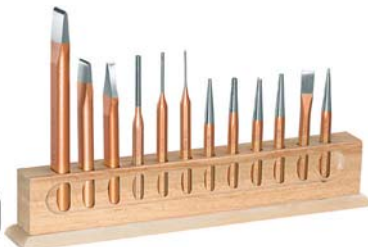
Prod. SCU

Contents :

5 2935 G 3-4-5-6-8 mm punches

Complete assortment. With metal bracket for a bench or for suspension.

2937GL	Each	58,20
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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	103,00
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CHISELS FOR PNEUMATIC HAMMERS
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 **37,70**


2948GA


Product description as Art. 2948GA
 Sheet cutting chisel. Overall length: 155mm.

2948GB Each **45,20**


2948GB


Product description as Art. 2948GA
 Flat chisel width: 19mm. Overall length: 175mm.

2948GC Each **35,80**


2948GC


Product description as Art. 2948GA
 Scraper width: 32mm. Overall length: 165mm.

2948GE Each **37,70**


2948GE


Product description as Art. 2948GA
 Scraper-bent chisel. Width: 35mm. Overall length: 160mm.

2948GF Each **37,70**


2948GF


Product description as Art. 2948GA
 Square-tipped chisel. Overall length: 175mm.

2948GH Each **35,80**


2948GH


Types for hammer Art. 1727 GP.
 Hexagonal drive diam. 10.5mm, length: 50mm.
 Flat chisel. Cutting edge width: 19mm. Overall length: 175mm.

2948GP Each **39,60**


2948GP


Product description as Art. 2948GP
 Flat chisel. Cutting edge width: 32mm. Overall length: 175mm.

2948GQ Each **41,50**


2948GQ


Product description as Art. 2948GP
 Sheet cutting chisel. Overall length: 190mm.

2948GR Each **45,20**


2948GR


Product description as Art. 2948GP
 Square-tipped chisel. Overall length: 255mm.

2948GS Each **41,50**


2948GS


Product description as Art. 2948GP
 Round-tipped chisel. Overall length: 180mm.

2948GS 3 Each **41,50**


2948GS 3


Product running out of stock

Product description as Art. 2948GP
 Sheet cutting edged chisel. Overall length: 175mm.

2948GT Each **45,20**


2948GT


Product description as Art. 2948GP
 Chisel for solder connection points. Overall length: 175mm.

2948GZ Each **41,50**


2948GZ


CHISELS FOR SDS-PLUS PERCUSSION DRILLS

2949G 4



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.

Gouge chisels - cutting edge width: 22mm.

2949G 4	Each	20,10
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2949G 6



Product description as Art. 2949G 4

Flat chisels - width: 40mm.

2949G 6	Each	16,80
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2949G 8



Product description as Art. 2949G 4

Flat chisels - width: 20mm.

2949G 8	Each	10,20
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2949G 10



Product description as Art. 2949G 4

Square tip chisels.

2949G 10	Each	10,20
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CHISELS FOR SDS-MAX PERCUSSION DRILLS

2949G 14



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.

Gouge chisels - cutting edge width: 26mm.

Overall length mm 300

2949G 14	Each	34,80
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2949G 15



Product description as Art. 2949G 14

Tip chisels.

Overall length	mm	280	400	600
2949G 15	Each	13,70	14,10	20,40

2949G 17



Product description as Art. 2949G 14

Flat chisels.

Overall length	mm	280	400	600
Cutting edge width	mm	25	25	25
2949G 17	Each	13,70	14,10	20,40

2949G 19



Product description as Art. 2949G 14

Flat-spade shaped type.

Overall length	mm	300	400
Cutting edge width	mm	75	50
2949G 19	Each	32,60	25,40

CHISELS FOR ELECTRO-HAMMERS

2949GB



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



Product description as Art. 2949GB

Chisel type

Overall length	mm	300	400
2949GC	Each	14,50	16,30

Product running out of stock

9

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

SCU



2949GM



Product description as Art. 2949GM

Tip chisels.

Overall length	mm	360	500
2949GP	Each	19,40	23,60

Product running out of stock

SCU



2949GP



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

SCU



2950GA



Product description as Art. 2950GA

Tip chisels.

Overall length	mm	300	400
2950GB	Each	9,14	10,30

Product running out of stock

SCU



2950GB



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

SCU



2950GD



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	6,52
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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	50,40
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SCU

2957GC



HARTMETALL

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

2957GL



HARTMETALL

TILE PUNCH CUTTERS
2957GP SCU


HARTMETALL

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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TILE PUNCH CUTTERS
2958G SCU


HARTMETALL

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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SPRING TILE CUTTERS
2959G SCU


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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TILE DRILLS
2959GL SCU


HARTMETALL

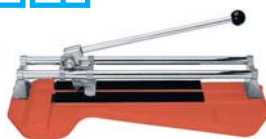
Prod. SCU

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.

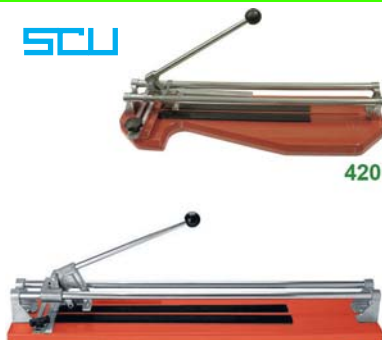
Max cutting length mm 300

Weight Kg 1,7

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.

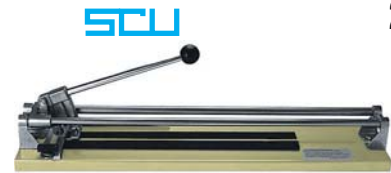
Max cutting length	mm	420	600
Max cutting depth	mm	15	15
wheel Ø	mm	22	22
Working base in		aluminium	steel
Weight	Kg	2,4	7
2961G	Each	76,30	96,50

Spare wheel for Art. 2961 G 420-600 see Art. 02959 GA.
Size mm 420 is running out of stock

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
Max cutting depth	mm	18	18
Weight	Kg	7,4	8,4
2963G	Each	154,00	162,00

For spare wheel see Art. 02959 GA.



HARTMETALL

2963G

NAIL PULLERS
Prod. SCU

Suitable for upholsterers and decorators. Steel blade 80mm, plastic handle.

2992	Each	6,46
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SCU



2992

BUTTONS REMOVERS
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	13,90
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SCU


 2993
new

MARKING TOOLS
Orig. Witte - Art. 91504

In CHROME VANADIUM steel, nickel plated. Reinforced model - Round blade tanged into the handle. Wooden handle, lacquered. Blade 100x6mm.

2996G	Each	7,88
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2996G

Orig. Witte - Art. 91900

Product description as Art. 2996G. Reinforced model - Square blade tanged into the handle. Wooden handle, lacquered. Blade 100x6mm.

2997G	Each	9,34
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2997G

Prod. SCU

In CHROME VANADIUM steel. Round blade. Plastic handle. Blade 100x6mm.

2998G	Each	2,62
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SCU



2998G

Product description as Art. 2998G

Square blade. Plastic handle. Blade 100x6mm.

2999G	Each	2,90
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SCU



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	12,50
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 3009E
new

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	14,00
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 3009F
new

3009P**SCU****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	7,94	8,58

CARPENTER'S PINCHING BARS**3009R****mob****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	17,20	24,80

3009S**SCU****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	6,58	8,78	9,20	9,62

3010G**mob****Orig. Peddinghaus - Art. A 117.01**

Forged model, sturdy construction with 1 bent crab-shaped opening and 1 bent chisel opening. Round cross section.

Overall length	mm	500	600	800
3010G	Each	16,10	17,30	21,10

3011G**mob****Orig. Peddinghaus - Art. A 117.K 1**

Extra sturdy forged model, combination type with 1 curved crab-shaped opening and 1 bent chisel opening. Hexagonal cross section.

Overall length	mm	600	800
3011G	Each	21,40	25,20

3011GP**mob****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	18,70	25,80	33,90

3011L**new****SCU****Prod. SCU**

Forged, sturdy type with 2 chisel openings, bent. Round cross section.

Overall length	mm	600	700	800
3011L	Each	15,20	19,10	22,90

CROW BARS**3011S****SCU****Prod. SCU**

In forged steel.

Chisel type, bent.

Overall length	mm	1000	1200	1500
3011S	Each	23,40	32,90	40,20

3011T**SCU**

Product description as Art. 3011S

V-notch type, bent.

Overall length	mm	1000	1200	1500
3011T	Each	23,40	32,90	40,20

3012G**mob****Orig. Peddinghaus - Art. 0101.51**

In special forged steel. Round cross section.

Chisel type, flat, bent.

Overall length	mm	1000	1250	1500
3012G	Each	37,10	32,10	40,10

Orig. Peddinghaus - Art. 0111.01

Product description as Art. 3012G

V-notch type, flat, bent.

Overall length	mm	1000	1250	1500
3012GA	Each	41,20	42,60	45,70


3012GA

Orig. Peddinghaus - Art. A 107.01

In special forged steel. Flat cross section.

Type with steel wheels

Length	mm	1550
Max load capacity	Kg	3000
Weight	Kg	15
3013G	Each	437,00


3013G

Orig. Peddinghaus - Art. A 107.G1

Product description as Art. 3013G

Type with rubber wheels

Length	mm	1550
Max load capacity	Kg	3000
Weight	Kg	15
3014G	Each	487,00


3014G

SPADES AND SHOVELS
Prod. SCU

Spades in sheet steel, painted, with handle.

Overall length: approx. 1600mm.

3018	Each	21,40
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3018


General purpose shovels in stamped sheet steel with handle and grip.

Overall length: approx. 800mm.

3019	Each	25,10
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3019


Carbon shovels and similar, in stamped sheet steel, with handle and grip.

Overall length: approx. 1050mm.

3020	Each	26,70
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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	57,40
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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	48,50
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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	20,10
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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 **24,10**

BILLHOOKS



Prod. SCU

Sharp blade in forged and hardened steel. Leather handle, with hand protector. Length: 410mm. Weight: 0.5kg.

3021G Each **33,80**

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 **14,90**



Blue colour cartridges for marking on iron and steel with pen Art. 3027 A.

3027B Each **15,30**



Green colour cartridges for marking on stainless steel, copper, nickel, lead, tin, bronze with pen Art. 3027 A.

3027C Each **15,30**



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 **21,40**

MARKING PUNCH SETS



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	Per series	7,84	8,16	8,70	9,80	10,50	14,50	19,30

Available on request loose punches.

until 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	Per series	23,50	24,60	26,10	29,40	31,60	43,40	57,90

Available on request loose punches.



3029

 until 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	Per series	18,30	12,20	12,20	12,70	13,50	15,10	16,20

Characters height	mm	7	8	10	12	15
Punches side x length	mm	11x76	11x76	12x80	14x80	16x85
3032G	Per series	22,40	22,40	29,80	35,10	62,10

Available on request loose punches.



3032G

 until 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	Per series	54,80	36,30	36,30	37,80	40,30	43,40	48,60

Characters height	mm	7	8	10	12	15
Punches side x length	mm	11x76	11x76	12x80	14x80	16x85
3033G	Per series	67,10	67,10	89,10	106,00	166,00

Available on request loose punches.



3033G

 until 80 kg/mm²


Right handed model LARGE SIZE.

Produced with CNC for maximum accuracy. Made of 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	Per series	167,00	167,00	214,00

Available on request loose punches.



3034G

 until 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	Per series	500,00	500,00	642,00

Available on request loose punches.



3035G

 until 80 kg/mm²


3036G SCU

 until 130 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: 10pcs from 0 to 9.

Characters height	mm	2	3	4	5	6	8	10
Punches side x length	mm	8x64	8x64	8x64	10x69	10x69	13x77	15x85
3036G	Per series	19,40	19,40	19,40	26,80	26,80	41,50	56,40

Characters height	mm	12	15
Punches side x length	mm	18x95	20x100
3036G	Per series	153,00	201,00

Punches NOT be supplied loose.

3037G SCU

 until 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	Per series	51,30	51,30	51,30	70,50	70,50	115,00	155,00

Characters height	mm	12	15
Punches side x length	mm	18x95	20x100
3037G	Per series	331,00	447,00

Punches NOT be supplied loose.

MARKING PUNCH SETS
3040G SCU

 until 130 kg/mm²


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	Per series	32,10	39,10	39,10	61,50	61,50	83,30	146,00

Punches NOT be supplied loose.

3041G SCU

 until 130 kg/mm²


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	Per series	91,10	113,00	113,00	174,00	174,00	236,00	367,00

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	Each	64,90
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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	Each	79,20
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ASSORTMENTS OF INTERCHANGEABLE STEEL MARKING PUNCHES
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 characters in the character holder		8	8	8
Punches dimensions	mm	3x6x20	3x6x20	4x8x25
3041GR	Each	549,00	549,00	549,00


3041GR


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 characters in the character holder		13	10	8
Punches dimensions	mm	3x6x19	4x8x19	5x8x19
3041GT	Each	625,00	612,00	612,00


3041GT

ZINC MARKING STENCIL SETS
Prod. SCU

In heavy zinc plate.

Number sets: 10 numbers

Characters height	mm	20	30	40	50	60	80	100
3042	Per series	5,18	5,18	6,06	7,44	8,64	12,70	17,30
Characters height	mm	120	150	200	250			
3042	Per series	22,50	36,10	65,70	88,90			


3042

Product description as Art. 3042

Letter sets: 27 letters.

Characters height	mm	20	30	40	50	60	80	100
3043	Per series	13,90	13,90	18,20	19,40	21,80	29,40	42,20
Characters height	mm	120	150	200	250			
3043	Per series	54,10	89,20	143,00	212,00			


3043
MARKING INK FOR STENCILS
Prod. SCU

Aerosol-type especially developed to stencil on metals, woods and cardboards. Very good resistance to light and water. In 400ml spray cans.

Colour: black

3045B	Each	14,50
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Product running out of stock


3045B
ADJUSTABLE DISK CUTTERS
Prod. SCU

In steel. Wooden handle. Hardened steel knives. Graduated bar. For leather, cardboard, rubber, plastic seals, etc.

With 1 knife.

For gaskets up to Ø	mm	200	400	600	800
Rod useful length	mm	100	200	300	400
3074	Each	77,70	84,10	90,60	102,00


3074

3075**SCU**

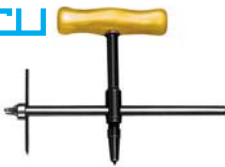
Product description as Art. 3074

With 2 knives.

For gaskets up to Ø	mm	200	400	600	800
Rod useful length	mm	100	200	300	400
3075	Each	93,60	99,20	111,00	123,00

Spare knives for Art. 3074 and 3075, 200-400-600-800mm.

O3075	Each	11,60
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3075G**SCU**

In steel. Wooden handle, adjustable sliding bar. For leather, rubber, plastic, synthetic seals, etc.

With 1 knife.

For gaskets up to Ø	mm	300	400	500
3075G	Each	49,40	50,20	50,90

For spare knives see Art. 03076 G.

3076G**SCU**

In steel, with adjustable sliding bar. For leather, rubber, plastic, synthetic seals, etc. Cylindrical shank Ø 17mm for use on drills.

With 1 knife.

For gaskets up to Ø	mm	600	800
3076G	Each	44,50	45,50

Spare knives for Art. 3075 G and 3076 G, all sizes.

O3076G	Each	6,74
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DISK CUTTERS AND RING CUTTERS**3077GF****SCU**

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 40mm to 200mm in wood, laminates, plywood, plastic laminates, leather, rubber, plastic, plaster, plasterboard, etc.

Hexagonal shank 10mm.

Complete. Weight: 300g.

3077GF	Each	86,20
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A couple of spare knives for Art. 3077 GF.

O3077GFA	Per pair	22,30
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CORE DRILLS**3077GL****SCU****HSS-Co**

Prod. SCU

Made from HSS-M2 steel, CBN ground.

Cutting edges for right-hand rotation. To be used on pillar drills, magnetic or normal, with direct Weldon shank ø 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

Ø	mm	12	13	14	15	16	17	18	
3077GL	Each	25,50	26,10	26,10	26,80	28,10	29,10	30,30	
Ø	mm	19	20	21	22	23	24	25	
3077GL	Each	30,70	32,90	34,60	35,50	37,60	38,50	40,20	
Ø	mm	26	27	28	29	30	31	32	
3077GL	Each	41,10	43,20	44,10	46,30	48,10	56,20	58,80	
Ø	mm	33	34	35	36	37	38	39	
3077GL	Each	60,50	69,20	72,60	86,40	88,20	88,70	91,60	
Ø	mm	40	41	42	43	44	45	46	
3077GL	Each	92,30	97,70	105,00	109,00	113,00	114,00	114,00	
Ø	mm	47	48	49	50	51	52	53	
3077GL	Each	118,00	124,00	124,00	132,00	135,00	139,00	147,00	
Ø	mm	54	55	56	57	58	59	60	
3077GL	Each	154,00	158,00	161,00	167,00	171,00	197,00	213,00	
Ø	mm	64	65						
3077GL	Each	279,00	284,00						

Crown mills Art. 3077 GL 61 to 75 mm Weldon 32 coupling for magnetic column drills Art. 3078 GL available on request.

Sizes mm 64 and 65 are running out of stock

Pilot bits 6.35x80mm, for Art. 3077 GL.

O3077GP	Each	7,82
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Made from 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 50mm

\varnothing	mm	12	13	14	15	16	17	18
3077GM	Each	33,30	33,70	33,70	35,10	36,30	37,60	39,40
\varnothing	mm	19	20	21	22	23	24	25
3077GM	Each	39,80	42,80	45,10	46,30	48,90	49,70	51,90
\varnothing	mm	26	27	28	29	30	31	32
3077GM	Each	53,20	56,60	57,50	59,70	62,20	72,60	78,70
\varnothing	mm	33	34	35	36	37	38	39
3077GM	Each	81,30	94,20	99,10	119,00	121,00	122,00	126,00
\varnothing	mm	40	41	42	43	44	45	46
3077GM	Each	127,00	127,00	136,00	142,00	146,00	148,00	148,00
\varnothing	mm	47	48	49	50	51	52	53
3077GM	Each	154,00	160,00	162,00	171,00	175,00	180,00	191,00
\varnothing	mm	54	55	56	57	58	59	60
3077GM	Each	200,00	205,00	209,00	216,00	222,00	257,00	277,00
\varnothing	mm	61	64					
3077GM	Each	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 are running out of stock

Pilot bits 6.35x105mm, for Art. 3077 GM.

O3077GP 1	Each	9,62
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SCU

3077GM



HSS-Co



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
3077GT	Each	80,60	80,60	80,60	80,60	80,60	85,10	85,10
\varnothing	mm	23	24	25	26	27	28	29
3077GT	Each	85,10	85,10	85,10	91,30	91,30	97,80	97,80
\varnothing	mm	30	31	32	33	34	35	40
3077GT	Each	97,80	105,00	105,00	111,00	111,00	111,00	135,00
\varnothing	mm	45	50					
3077GT	Each	171,00	175,00					

Pilot bits length 90mm, for Art. 3077 GT.

Size		1	2
\varnothing	mm	6,35	8
For cutting mills \varnothing	mm	16-17	18 to 50
O3077GT	Each	7,82	11,40

SCU

3077GT



HARTMETALL



9

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.

In case.

Boring capacity with MD crown mills	mm	15 to 30
Boring capacity with MD crown mills and HSS hole saws	mm	12 to 60
Bores with tips (only rotation) up to	mm	20
Bores with MDtips for continuous boring	M	4 to 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	1.420,00
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SCU

3078B



ELECTRIC TAP MACHINE

3078E
new

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.

In case.

Threading capacity with steel	mm - inch	18 - 9/16
Threading capacity with aluminium	mm - inch	16 - 5/8
Absorbed power	W	450
Tapping speed	rev/min	280
Inversion speed	rev/min	680
Weight	Kg	2,7

3078E	Each	994,00
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PILLAR DRILLS WITH MAGNETIC SUPPORT

3078G



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 monophase 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.

Single speed.

Boring capacity with cutting mills	mm	12 to 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	1.230,00
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3078GA



Sturdy manufacture, compact, light, with magnetic support for vertical, horizontal and upside down use. 230 Volt monophase 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 practical case.

Single speed.

Boring capacity with cutting mills	mm	12 to 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	1.120,00
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Adapter complete with three-jaw chuck, opening 1,5-13mm, for drill Art. 3078 GA.

O3078GB	Each	30,80
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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.

Boring capacity with cutting mills	mm	12 to 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	1.810,00
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Adapter complete with three-jaw chuck, opening 1-16mm, for drill Art. 3078 Ge.

O3078GE	Each	34,60
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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 monophase 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 practical transport case.

Four speed-model

Boring capacity with cutting mills	mm	12 to 75
Threading capacity	M	3 to 14
Bores with tips with cyl. drive up to	mm	16
Bores with tips with drive CM3 up to	mm	31,75
Magnet traction force	N	22500
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 **2.390,00**

For drilling machine electromagnetic stands see Art. 1682.

CM 3 shaft adapter complete with three-jaw chuck, opening 3-16mm.

O3078GL Each **34,60**

CM 3/Weldon 32 adapter for core drills from Ø 66mm.

O3078GLA Each **165,00**

Socket holder chuck CM 3 for tap holder sockets from M 3 to 14.

O3078GLB Each **251,00**

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 **73,50** **73,50** **73,50** **73,50** **73,50** **73,50** **73,50**

SCU

3078GL



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.

Boring capacity with cutting mill	mm	12 to 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**

Spare charger for Art. 3078 GP.

O3078GP 1 Each **388,00**

Spare battery for Art. 3078 GP.

O3078GP 2 Each **898,00**

SCU

37V 3078GP



9

HOLE CUTTERS

3078GS

SCU



HSS

Prod. SCU-Orig. MP.S

Bi-metal type in HSS steel, professional use. Progressive variable toothting, 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, 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.

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	
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	
Ø	mm	37	38	40	41	43	44	45	46	48	50	51	52	54	55	57	
Ø	inch	1.7/16	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	
3078GS	Each	9,86	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	
Ø	mm	59	60	64	65	67	68	70	73	75	76	79	83	86	89	92	
Ø	inch	2.5/16	2.3/8	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	
3078GS	Each	15,40	15,70	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	
Ø	mm	95	98	100	102	105	108	111	114	121	127	140	146	152	168	190	
Ø	inch	3.3/4	3.7/8	3.31/32	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	
3078GS	Each	24,50	25,30	25,90	26,70	28,10	29,10	30,60	32,10	33,80	36,10	40,10	42,80	45,80	60,30	80,30	
Ø	mm	200	210														
Ø	inch	7.7/8	8.9/32														
3078GS	Each	88,40	98,40														

3078GSA

SCU



M42

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.

Saw hole only.

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 toothting, 3 teeth/inch. To be used on portable or pillar drills. High abrasion resistance and long tooth and shapening 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	32	
Ø	inch	3/4	13/16	7/8	1	1.1/16	1.1/8	1.3/16	1.1/4	
3078GSE	Each	20,00	20,00	20,20	21,50	22,20	22,70	23,50	23,60	
Ø	mm	35	38	40	41	44	51	54	57	
Ø	inch	1.3/8	1.1/2	1.9/16	1.5/8	1.3/4	2	2.1/8	2.1/4	
3078GSE	Each	24,10	24,50	25,40	25,90	27,10	29,10	34,10	35,10	
Ø	mm	60	64	76	79	83	86	89	92	
Ø	inch	2.3/8	2.1/2	3	3.1/8	3.1/4	3.3/8	3.1/2	3.5/8	
3078GSE	Each	36,20	37,80	41,40	49,70	50,90	54,10	54,70	55,90	
Ø	mm	95	102	114	121	127	140	152		
Ø	inch	3.3/4	4	4.1/2	4.3/4	5	5.1/2	6		
3078GSE	Each	57,40	61,10	88,70	96,60	99,30	105,00	110,00		

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	11,90	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	

SCU

3078GSP



HARTMETALL



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
Ø	inch	3/16	1/4	5/16	3/8	1/2	5/8	3/4
3078GST	Each	23,90	24,30	24,90	25,30	33,90	39,70	43,40
Ø	mm	25,4	34					
Ø	inch	1	1.3/8					
3078GST	Each	47,10	60,80					

SCU

3078GST
new



1/4"

DIAMONDED



For diamond-type bits see Art. 1334 GC.

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.

Only hole saw.

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				

SCU

3078GSV
new



DIAMONDED



ADAPTERS ONLY for use with grinders for diamond hole saws Art. 3078 GSV (NOT SUITABLE FOR OTHER TYPES OF HOLE SAWS).

Size		1	2
Female-male drive Ø		M 14-1/2"	M 14-5/8"
For hole saws Ø	mm	22 and 29	32 - 83
O3078GSV	Each	13,90	13,90

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	8,52	8,52	14,60

SCU

3078GT



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	12,20	23,30

SCU



3078GTE



3078GU**SCU****SPARE BITS**

For shanks Art. 3078GTx1-1A-2 and Art. 3078GTEx1-2.
Length 70mm. Diameter 6.35mm.

3078GU	Each	3,46
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3078GUE

new

SCU

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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3078GV**SCU****EXTENSIONS**

Length 300mm. For shanks Art. 3078 GTx1A-2.

3078GV	Each	10,50
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HOLE CUTTER SETS**3078GZ 1****SCU****3078GZ 3****3078GZ 4****3078GZ 8****3078GZ 9****Prod. SCU-Orig. MP.S**

Bi-metal type in HSS steel, professional use.

Progressive variable toothing, 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: 22-29-35-44-51-64mm

Shanks Art. 3078 GT: Size 1A – 1pc

Shanks Art. 3078 GT: Size 2- 1pc

In plastic case.

3078GZ 1	Each	88,80
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Product description as Art. 3078GZ 1

Number of hole saws: 6

Sizes Art. 3078 GS: 16-20-25-32-40-51mm

Shanks Art. 3078 GT: Size 1 – 1pc

Shanks Art. 3078 GT: Size 2 – 1pc

In plastic case.

3078GZ 3	Each	77,10
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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: 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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Product description as Art. 3078GZ 1

Number of hole saws: 14

Sizes Art. 3078 GS: 16-19-22-24-29-32-35-45-54-64-76-79-111-114mm

Shanks Art. 3078 GT: Size 1A – 1pc

Shanks Art. 3078 GT: Size 2 – 1pc

Pilot bits Art. 3078 GU: 3pcs

In plastic case.

3078GZ 9	Each	241,00
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9

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

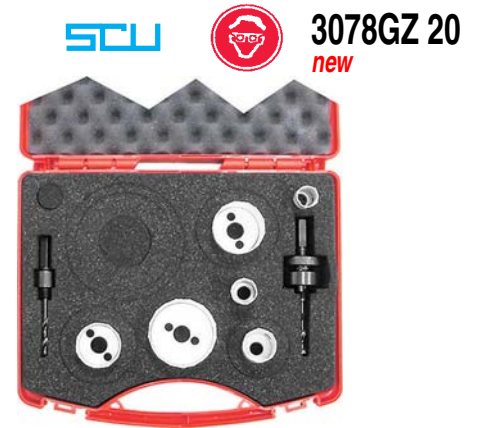
Sizes Art. 3078 GSA: mm 19-22-29-38-44-57

Shanks Art. 3078 GT: Size 1A – 1pc

Shanks Art. 3078 GT: Size 2 – 1pc

In plastic case.

3078GZ 20 Each **134,00**



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.

Number of hole saws: 6

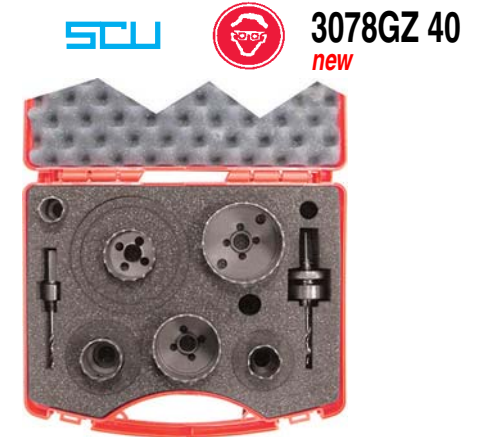
Sizes Art. 3078 GSE: mm 22-29-35-44-57-68

Shanks Art. 3078 GT: Size 1A – 1pc

Shanks Art. 3078 GT: Size 2 – 1pc

In plastic case.

3078GZ 40 Each **192,00**



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 **436,72**



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 **112,22**



3078GZM 

new



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
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3078GZP 

new



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

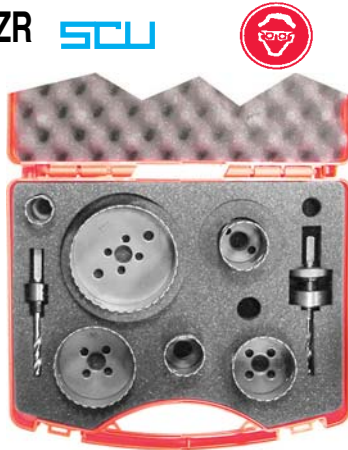
Sizes Art. 3078 GST: mm 4,8-6,4-9,5-15,9-19,1

3078GZP	Each	165,00
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For assortment of diamond type bits see Art. 1334 GTE.

3078GZR 

new



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
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HOLE CUTTERS

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 55mm with pilot bit Ø 8mm. Complete hole cutter, with ejection spring (starting from Ø 25mm).

SCU

3079SA

Ø	mm	14	15	16	17	18	19	20
Drive Ø	mm	8	8	8	8	10	10	10
3079SA	Each	14,60	15,60	15,80	16,10	16,20	16,40	16,80
Ø	mm	21	22	23	24	25	26	27
Drive Ø	mm	10	10	10	10	10	10	10
3079SA	Each	17,50	18,30	19,20	20,10	20,70	21,70	22,70
Ø	mm	28	29	30	31	32	33	34
Drive Ø	mm	10	10	10	12	12	12	12
3079SA	Each	23,20	24,10	24,90	25,70	26,60	27,40	28,30
Ø	mm	35	36	37	38	39	40	41
Drive Ø	mm	12	12	12	12	12	12	12
3079SA	Each	29,10	30,90	31,70	32,70	33,60	34,30	35,30
Ø	mm	42	43	44	45	46	48	50
Drive Ø	mm	12	12	12	12	12	12	12
3079SA	Each	36,10	37,00	37,80	38,70	39,60	41,20	42,90
Ø	mm	52	55	60	65	70	75	80
Drive Ø	mm	12	12	12	12	12	12	12
3079SA	Each	54,70	57,60	62,90	78,70	84,70	93,60	99,60



HSS



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	6,24
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Diameter 10mm (for cutters 18 to 30mm).

O3079SA 300	Each	6,34
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Diameter 12mm (for cutters 31 to 50mm).

O3079SA 500	Each	6,80
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Diameter 12mm (for cutters 52 to 80mm).

O3079SA 800	Each	8,14
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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	2,04
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Diameter 8mm for Art. 3079 SA - 3079 SE from 52 to 80, Art. O3079 SA 800 and Art. 3079 T 80.

O3079SAP 8	Each	2,16
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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 55mm with pilot bit Ø 8mm. Complete hole cutter, with ejection spring (starting from Ø 25mm).

SCU

3079SE
new

Ø	mm	18	19	20	21	22	23	24
Drive Ø	mm	10	10	10	10	10	10	10
3079SE	Each	19,40	20,50	21,60	22,70	23,70	24,80	25,90
Ø	mm	25	26	27	28	29	30	31
Drive Ø	mm	10	10	10	10	10	10	12
3079SE	Each	27,10	28,10	29,10	30,20	31,30	32,40	33,40
Ø	mm	32	33	34	35	36	37	38
Drive Ø	mm	12	12	12	12	12	12	12
3079SE	Each	34,50	35,60	36,70	37,80	38,80	39,90	41,10
Ø	mm	39	40	41	42	43	44	45
Drive Ø	mm	12	12	12	12	12	12	12
3079SE	Each	42,10	43,10	45,30	46,40	47,40	48,50	49,60
Ø	mm	46	47	48	49	50	52	55
Drive Ø	mm	12	12	12	12	12	12	12
3079SE	Each	50,70	51,80	52,80	53,90	55,10	71,20	75,50
Ø	mm	60	65	70	75	80		
Drive Ø	mm	12	12	12	12	12		
3079SE	Each	81,90	91,60	99,20	121,00	130,00		



HSS-E



3079T 30



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 **22,90**

For spare bits for conical shanks Art. 3079 T 30 see Art. O3079 SAP 6.

3079T 80



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 **23,10**

For spare bits for conical shanks Art. 3079 T 80 see Art. O3079 SAP 8.

HOLE CUTTER SETS

3079V



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 **427,40**

HOLE CUTTERS

3080GA



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.

Ø	mm	14	15	16	17	19	21	22	24	25	26	27	28	29	30	32	
Ø	3080GA	Each	12,20	12,20	14,10	14,10	14,10	17,80	17,80	17,80	21,50	21,50	21,50	25,30	25,30	25,30	25,30
Ø	3080GA	Each	32,40	32,40	32,40	32,40	45,80	45,80	45,80	45,80	45,80	52,40	52,40	52,40	59,60	59,60	59,60
Ø	3080GA	Each	59,60	59,60	70,90	70,90	70,90	70,90	78,70	78,70	129,00	129,00	129,00	129,00	175,00	175,00	175,00
Ø	3080GA	Each	175,00	206,00	206,00												

3080GB



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	11,40	11,40	12,10	12,10

Size 5 is running out of stock

3080GC
3080GD



SPARE BITS FOR ART. 3080 GB

Length 60mm. Diameter 6mm for Art. 3080 GB x 2-3-4.

3080GC Each **8,52**

SPARE BITS FOR ART. 3080 GB

Length 50mm. Diameter 8mm for Art. 3080 GB x 5.

3080GD Each **16,70**

Product running out of stock

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.



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	35,90	35,90	35,90	35,90	35,90	35,90	35,90	35,90	35,90	40,10	40,10	40,10	40,10	40,10	46,40
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	46,40	46,40	46,40	53,80	53,80	53,80	63,30	63,30	63,30	63,30	65,40	65,40	71,70	71,70	71,70
Ø	mm	60	62	64	65	66	68	70	75	80	85	90	100			
Drive Ø	mm	10	10	10	10	10	10	10	10	10	10	10	10			
3080GT	Each	80,20	87,60	87,60	87,60	102,00	102,00	102,00	110,00	121,00	133,00	133,00	148,00			

Sizes mm 39 and 66 are running out of stock

Spare HSS bits for Art. 3080 GT.

Size	2
Ø	mm 6
Length	mm 52
O3080GT	Each 8,96

The Ø of the connections of the guide tips are approximate and not binding.

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	44,80	44,80	44,80	44,80	52,60	52,60	52,60
Ø	mm	24	25	27	28	30	32	35
3080GV	Each	52,60	52,60	62,50	62,50	62,50	74,30	74,30
Ø	mm	38	40	41	42	45	48	50
3080GV	Each	88,30	88,30	105,00	105,00	105,00	120,00	120,00
Ø	mm	51	54	55	60	65	70	75
3080GV	Each	136,00	136,00	136,00	172,00	172,00	187,00	204,00
Ø	mm	80	85	90	95	100		
3080GV	Each	218,00	248,00	270,00	279,00	303,00		

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	11,40	11,40	12,10	12,10

Size 3 is running out of stock



SPARE BITS FOR ART. 3080 GVA

Diameter 6mm for Art. 3080 GVA x 0-1-2.

3080GVB	Each	8,52
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SPARE BITS FOR ART. 3080 GVA

Diameter 8mm for Art. 3080 GVA x 3.

3080GVC	Each	16,70
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Product running out of stock



3080GZ

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	37	40	43	45	50	60	64	65
Drive Ø	mm	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3080GZ	Each	57,10	57,10	57,10	71,70	78,10	78,10	78,10	92,80	92,80	97,10	97,10	110,00	125,00	133,00	133,00
Ø	mm	66	68	70	75	80	85	90	100							
Drive Ø	mm	13	13	13	13	13	13	13	13							
3080GZ	Each	161,00	161,00	161,00	178,00	188,00	203,00	216,00	247,00							

Sizes mm 31, 37, 43 and 66 are running out of stock

Spare HSS bits for Art. 3080 GT.

Ø	mm	6	8
Length	mm	77	104
O3080GZ	Each	8,96	13,80

The Ø of the connections of the guide tips are approximate and not binding.
PUNCHING TOOLS
3081


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	7,96	7,96	7,96	8,14	8,14	8,32	8,32	8,44	8,44	8,98	8,98	9,86	9,86	11,40	11,40
For gaskets Ø	mm	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
3081	Each	12,80	12,80	13,80	13,80	14,60	14,60	16,20	16,20	19,10	19,10	22,50	22,50	27,40	27,40	30,40
For gaskets Ø	mm	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
3081	Each	30,40	31,60	31,60	32,80	32,80	34,80	34,80	36,40	36,40	37,90	37,90	40,30	40,30	44,10	44,10
For gaskets Ø	mm	47	48	49	50	52	54	56	58	60	65	70	75	80	90	100
3081	Each	48,10	48,10	53,90	53,90	60,70	72,10	86,80	99,10	108,00	157,00	212,00	497,00	565,00	726,00	949,00

PUNCHING TOOLS SETS
3081S


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 **211,00**
3087GB



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 **199,00**

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 **370,00**

SCU

3087GD



Replacement punch handles.

Size	30	50
For sortiment Art.	3087 GB	3087 GD
3087GL	Each 87,60	88,40

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; 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 **90,80**

SCU

3089G



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 **96,40**

SCU

3089GA



Product description as Art. 3089G

Set of 15 punches size 3-4-6-8-10-12-14-16-18-20-22-24-26-28-30mm

Set complete with handle, in box.

3089GB Each **138,00**

Product running out of stock

SCU

3089GB



3089GC SCU



Product description as Art. 3089G

Set of 20 punches size 3-4-6-8-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40mm
Set complete with 1 handle and 1 adapter, in box.

3089GC Each **223,00**

Product running out of stock

3089GE SCU



Product description as Art. 3089G

Set of 34 punches size 2-3-4-5-6-7-8-9-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40-42-44-46-48-50-52-54-56-58-60mm

Set complete with 1 handle, 1 adapter and 1 centring bit, in box.

3089GE Each **533,00**

Product running out of stock

3089GF SCU



Replacement punches as per 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	9,34	9,34	9,34	9,34	9,34	9,34	9,34
For gaskets Ø	mm	9	10	12	14	16	18	20
3089GF	Each	9,34	9,34	11,10	11,10	11,10	11,10	11,10
For gaskets Ø	mm	22	24	26	28	30	32	34
3089GF	Each	14,10	14,10	14,10	14,10	14,10	17,90	17,90
For gaskets Ø	mm	36	38	40	42	44	46	48
3089GF	Each	17,90	17,90	17,90	21,80	21,80	21,80	21,80
For gaskets Ø	mm	50	52	54	56	58	60	
3089GF	Each	21,80	50,60	50,60	50,60	50,60	50,60	

Sizes mm 52, 54, 56, 58 and 60 are running out of stock

3089GL SCU



Replacement punch handles.

Size	10	20	30	
For sortiments Art.	3089G	3089GA	3089GB	
3089GL	Each	23,30	36,50	51,10

Sizes 30 is running out of stock

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 **116,00**

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 **170,00**

SCU

3090GB



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 **266,00**

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 **352,00**

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 **616,00**

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	7,58	7,58	7,58	7,58	7,58	10,20	10,20	
For gaskets Ø	mm	16	18	20	22	24	26	28	
3090GF	Each	10,20	10,20	10,20	13,20	13,20	13,20	13,20	
For gaskets Ø	mm	30	32	34	36	38	40	42	
3090GF	Each	13,20	17,30	17,30	17,30	17,30	17,30	18,70	
For gaskets Ø	mm	44	46	48	50	52	54	56	
3090GF	Each	18,70	18,70	18,70	18,70	36,70	36,70	36,70	
For gaskets Ø	mm	58	60						
3090GF	Each	36,70	36,70						

SCU

3090GF



Spare handle for hollow punches Art. 3090 GA-GB-GC-GD-GE.

Size	mm	20	30	40	50	60
For dinking dies Ø	mm	3-20	3-30	3-40	3-50	3-60
3090GR	Each	32,50	49,10	55,90	79,80	91,00

SCU

3090GR



NEW!

NEWS CHAPTER 10



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Argon - Carbon Dioxide Reducers
▶ P. 736



SAFETY RELIEF VALVES FOR OXYACETYLENE AND PROPANE

3245, 3245A, 3245E, 3245F
▶ P. 743-744



CARTRIDGE-TYPE SOLDERING IRONS

3250BR, 3250BT
▶ P. 750



GAS TORCHES

3252FM, 3252FP
▶ P. 756-757



GUNS FOR SILICON SEALING AND FIXING

3444PE, 3444S
▶ P. 815



3455P

Washing Pistols
▶ P. 820



STAINLESS STEEL CABLE TIES

3473ZE, 3473ZF
▶ P. 846



PROFESSIONAL SPRAYS

3100KE, 3100LE
▶ P. 731-732



ACETYLENE AND OXYGEN WELDING AND CUTTING TOOLS

3190ME, 3190MF
▶ P. 740



TORCHES FOR LIQUID GAS

3249AB, 3249AC, 3249AE, 3249AF, 3249AG, 3249AH, 3249AL, 3249AP, 3249AR
▶ P. 747-748



3250FE

Expanded Polystyrene Electric Tools
▶ P. 751



BARREL PUMPS FOR CHEMICALS

3428GDB, 3428GDC
▶ P. 806



EXTENSIONS FOR PNEUMATIC GUNS



3448GZA, 3448GZB
▶ P. 819



HAND TYRE INFLATOR AND PRESSURE GAUGES

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▶ P. 822-823



WELDING 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 **3250F**
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 **3403MV**

Pouring tools
Greasing systems
Adhesives and
bonding agents



From **3403P**
To **3429 18**

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 bags.

PRUSSIAN BLUE colour.

3095	Each	5,92
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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 bags.

BLUE colour.

3096	Each	31,30
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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	25,10
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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	fluor yellow	fluor blue	fluor green	fluor red
3098	Each	11,30	11,30	11,30	11,30

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	8,54
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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	9,54
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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	8,36
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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 **8,36**



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 **8,12**



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 **9,62**



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 **7,94**



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 **9,20**



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 **11,20**



3100KE
new

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 **9,20**



3100L

3100LE 

new


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 **11,20**

3100M 


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 **9,20**

3100ME 


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 **11,70**

3100P 


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 **10,40**

3100R 


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 **11,80**

3100S 


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 **8,54**

3100T 


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, equipment, welding operations etc.

3100T Each **10,40**

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 **11,10**


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 **10,20**


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 **8,20**


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 **13,30**


3101A

Product description as Art. 3100

LUCIDA INOX

Polishing and revitalizing agent for all stainless steel surfaces.

3101B Each **9,78**


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 **7,58**


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 **20,90**


3101E

CLEANSING PRODUCTS
3101F 

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 **31,80**
3101L 


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 **54,40**
PRODUCTS FOR HANDS
3101P 

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 **44,10**
3101R 


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 **46,90**
3101S 


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 **52,30**

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 **108,00**

For direct connection valves see Art. 3246 GF.



3140GA



ACETYLENE

Orig. Ewo

SPARE MANOMETERS

Pressure range from 0 to 40 Atm.

3140GAB Each **21,10**



3140GAB



Product description as Art. 3140GAB

Pressure range from 0 to 2.5 Atm.

3140GAC Each **18,10**



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 **108,00**

For direct connection valves see Art. 3246 GF.



3140GE



OXYGEN

Orig. Ewo

SPARE MANOMETERS

Pressure range from 0 to 300/315 Atm.

3140GEB Each **18,10**



3140GEB



Product description as Art. 3140GEB

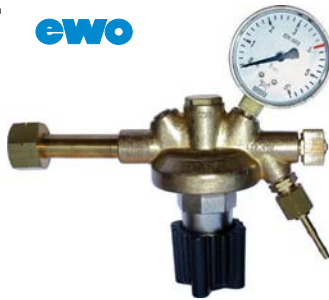
Pressure range from 0 to 15/16 Atm.

3140GEC Each **18,10**



3140GEC



PROPAN PRESSURE REGULATORS
3140GF 

LIQUEFACTED GAS
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.

Hose connection diameter 6mm.

Suitable for liquid gases such as propane and butane.

Pressure range outlet from 0 to 6 Atm.

Max working pressure 3.5 Atm.

3140GF Each **108,00**
3140GFA 

Orig. Ewo
SPARE MANOMETERS

Pressure range from 0 to 6 Atm.

3140GFA Each **18,10**
ARGON - CARBON DIOXIDE REDUCERS
3140GL 

ARGON - CARBON DIOXIDE
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 **99,20**
SPARE MANOMETERS

Manometers for flow measurement.

O3140GL Each **18,10**

Manometers for pressures from 0 to 300/315 Atm see Art. 3140 GEB.

3140GL 1 
new

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 **23,60**
ARGON - CARBON DIOXIDE REDUCERS WITH FLOW METER
3140GM 

ARGON - CARBON DIOXIDE
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. for gas flow regulation

3140GM Each **185,00**

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**

Spare pressure gauges on request.


3140GME

ARGON - CARBON DIOXIDE
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 **108,00**

For spare manometers see Art. 3140 GEB and 3140 GEC.


3140GP

HYDROGEN
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 **108,00**

For spare manometers see Art. 3140 GEB und 3140 GEC.


3140GR

NITROGEN
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 **108,00**

For spare manometers see Ar+L145t. 3140 GEB and 3140 GEC.


3140GT

CARBON DIOXIDE
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 **108,00**

For spare manometers see Art. 3140 GEB and 3140 GEC.


3140GZ

COMPRESSED AIR

PROPAN PRESSURE REGULATORS

3156




LIQUEFACTED GAS

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.

Hose connection with a diameter of 8/10mm.

3156

Each

24,30

RUBBER SAFETY CAPS FOR MANOMETERS

3170G




Orig. Ewo

Suitable for regulator manometers with external diameter 63 mm from Art. 3150 G to Art. 3140 GZ.

May be fitted on installed manometers and protect them from shocks and falls.

3170G

Each

2,52

ACETYLENE AND OXYGEN WELDING AND CUTTING TOOLS

3179G




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

807,00

3179GA




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

629,00

3180GE




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

1.260,00

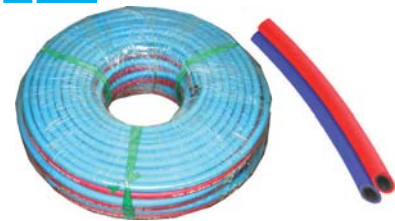
WELDING HOSES

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. Delivered in reels of approx. 40m., non-cuttable.

3185G	Per meter	6,14
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SCU



3185G

DIAMETER 9/6

Orig. Ewo

Double clamps made of galvanized steel suitable for binned 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 binned hose Art. 3185 G.

3185H	Each	1,22
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ewo



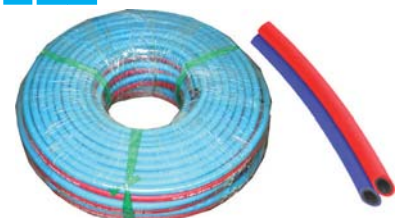
3185H

Prod. SCU

Product description as Art. 3185G. Double-piped for acetylene and oxygen, diameter 8/8mm. Red/blue colour. Delivered in reels of approx. 50m., non-cuttable.

3185L	Per meter	8,50
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SCU



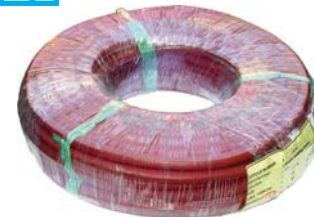
3185L

DIAMETER 8/8

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. Mono-piped for acetylene. Red colour. Suitable for original Ewo tools and components and other brands. Delivered in reels of approx. 50m, non-cuttable.

3186A	Int Ø	mm	6	9
			Per meter	2,48	2,76

SCU



3186A

Product description as Art. 3186A

Mono-piped for propane, diameter 6mm. Orange colour. Suitable for EWO tools and genuine parts and other brands. Delivered in reels of approx. 40m., non-cuttable.

3186G	Per meter	2,66
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SCU



3186G

Product description as Art. 3186A

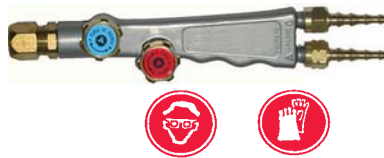
Mono-piped for propane. Blue colour. Suitable for EWO tools and genuine parts and other brands. Delivered in reels of approx. 40 m., non-cuttable.

3187G	Int Ø	mm	6	9
			Per meter	2,20	5,34

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 10 mm. thick weldings and up to 50 mm. thick cuttings. Hose connections for pipes with diameters 6/6 and 8/8mm.

Universal handgrip.

3190A	Each	141,00
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Hose for pipes Ø 6 and 8mm with 1/4 right nut for oxygen.

O3190A 1	Each	9,90
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Hose for pipes Ø 6 and 8mm with 1/4 left nut for acetylene.

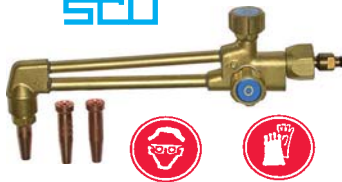
O3190A 2	Each	9,90
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For direct connection valves see Art. 3190 P-R.**3190B****SCU**

Professional tools for welding, heating and cutting in small/medium carpentry and bodywork. For 10 mm. thick weldings and up to 50 mm. thick cuttings.

Welding lances for Art. 3190 A.

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
3190B	Each	62,80	60,40	60,40	60,40	60,40	66,50	66,50	66,50

Size 1 is running out of stock**3190E****SCU**

Product description as Art. 3190B

Device for cutting from 3 to 50 mm. With 3 nozzles Art. 3190 M 10 - 25 - 50.

3190E	Each	290,00
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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	23,40	23,40	23,40

Size 1 is running out of stock**3190M****SCU**

Product description as Art. 3190B

Spare copper nozzles for Art. 3190 E.

Size	10	25	50
For cutting max mm	3 to 8	8 to 20	20 to 50
3190M	Each	20,80	20,80

3190ME*new***SCU**

Product description as Art. 3190B

Lances for heating for Art. 3190 A. Suitable for surface hardening, forging, heat before welding, brazing, etc.

3190ME	Each	77,50
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3190MF*new***SCU**

Product description as Art. 3190B

Spare copper nozzles for Art. 3190 ME.

3190MF	Each	33,10
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3190P**SCU**

Product description as Art. 3190B

Safety relief valves for acetylene, with handgrip connection Art 3190 A. 1/4" left.

3190P	Each	33,90
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3190R**SCU**

Product description as Art. 3190B

Safety relief valves for oxygen, with handgrip connection Art 3190 A. 1/4" right.

3190R	Each	33,90
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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	113,00
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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	38,40	38,40	38,40	38,40	39,80	40,70	45,20	46,30	49,40

For spare nozzles see Art. 3244 GC.

ewo

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	215,00
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For spare nozzles and tips see Art. 3244 GE-F

ewo

3200GC



Orig. Ewo - Art. 115.010

Product description as Art. 3200GA

New device for cutting from 2mm to 100mm for Art. 3200 GA with single-piece nozzles and ring nut clamping device. The system allows better performances, a more homogeneous flame, an easier adjustment of the flame, a reduced risk of backfire.

Supplied standard only with cutting nozzle from 20mm to 50mm. (For nozzles from 2 to 20mm and 50 to 100mm see Art. 3200 GC x 20 and 100).

3200GC 3	Each	149,00
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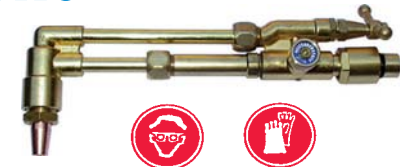
A device having the same characteristics but with lever control instead of a tap available on request.

Cutting nozzles 20 to 50mm for Art. 3200 G 3.

O3200GC 3	Each	21,60
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ewo

3200GC 3



Orig. Ewo - Art. 115

Cutting nozzles 3 to 20mm for Art. 3200 GC 3.

3200GC 20	Each	21,60
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ewo

3200GC 20



Cutting nozzles 50 to 100mm for Art. 3200 GC 3.

3200GC 100	Each	21,60
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ewo

3200GC 100

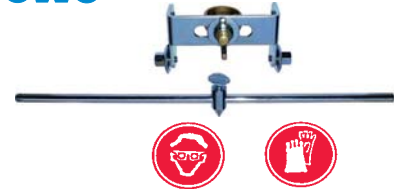


Trolley and guide for Art. 3200 GC 3.

3200GCA	Each	24,40
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ewo

3200GCA



Orig. Ewo - Art. 124/23

Installation wrench.

3200GD	Each	8,80
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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.

ewo

3200GD



Orig. Ewo - Art. 134

Copper tube lances with diameter 6mm. Slightly flexible.

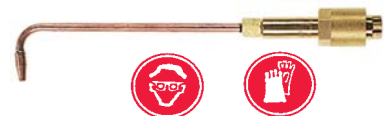
90° bending. Suitable for handgrips Art. 3200GA.

Suitable for welding in difficult positions.

Size		1	2	3	4
For welding	mm	1-2	2-4	4-6	6-9
3201GE	Each	45,90	45,90	45,90	45,90

ewo

3201GE



3204G

ewo



Orig. Ewo - Art. 117

Heating lances, suitable for handles Art. 3200GA. Suitable for heating and fusing.

Size	4	5	6	7
For heating mm	4-6	6-9	9-14	14-19
3204G Each	62,40	62,40	66,60	69,10

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	379,00
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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	39,80	39,80	39,80	39,80	39,80	39,80	39,80

3212G

ewo



Product description as Art. 3210G

Trolley with guide for Art. 3210 and 3242 GE.

3212G Each	46,50
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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 diameter 17 mm. Hose connections for pipes with diameters 4/6 mm.

Universal handgrip

3239GB Each	119,00
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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 diameter 17 mm. Hose connections for pipes with diameters 9/6 mm.

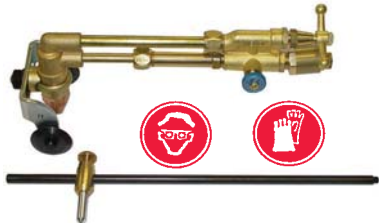
Welding lances for Art. 3239 GB.

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	43,80	43,80	43,80	45,50	47,90	51,40	52,50	55,70

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	228,00
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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	8,80
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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.

10

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 **717,00**



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 **379,00**



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	39,80	39,80	39,80	39,80	39,80	39,80	39,80



SPARE PARTS FOR EWO TORCHES

Orig. Ewo - Art. 112-116

Copper nozzles for welding with oxygen and acetylene.

Suitable for Art. 3179 G - 3179 GA - 3180 GE - 3200 GB. Connection diameter 17 mm.

Size	0	1	2	3	4	5	6	7	8	
3244GC	Each	11,30	10,80	10,80	11,30	12,20	12,20	14,40	14,40	14,40



Orig. Ewo

Copper nozzles for heating with oxygen and acetylene.

Suitable for Art.3179 G - 3179 GA - 3180 GE - 3200 GC. Connection diameter 17 mm.

For heating	mm	3-12	12-100
3244GE	Each	13,50	13,50



Tips for cutting with oxygen and acetylene.

Suitable for Art. 3179 G - 3179 GA - 3180 GE - 3200 GC. Connection diameter 17 mm.

For cutting	mm	3-12	12-25	25-50	50-100
3244GF	Each	8,62	8,62	8,62	8,62



Copper nozzles for welding with oxygen and propane.

Suitable for Art. 3239 GC - 3242 G. Connection diameter 17 mm.

Size	1	2	3	4	5	6	8	
3244GH	Each	11,50	11,50	12,10	13,10	13,10	15,20	15,20



Copper nozzles for heating with oxygen and propane from 3 to 100 mm.

Suitable for Art. 3239 GE - 3242 G. Connection diameter 17 mm.

3244GM Each **18,10**



Tips for cutting with oxygen and propane.

Suitable for Art. 3239 GE - 3242 G. Connection diameter 17 mm.

For cutting	mm	3-10	10-25	25-50	50-100
3244GP	Each	9,96	9,96	9,96	9,96



SAFETY RELIEF VALVES FOR OXYACETYLENE AND PROPANE

Prod. SCU

Made of 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
new

 Product description as Art. 3245
 Suitable for oxygen.

3245A Each **21,30**
3245E
new


Made of 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
new

 Product description as Art. 3245E
 Suitable for oxygen.

3245F Each **28,10**
3246B


Made of solid brass. Back-firing proof. Maximum protection. To be fitted between torch and cylinder regulator. With 2 hose connections; if one connection is removed the valve may directly be coupled into regulator. (Only for Art. 3246 B-C). For rubber hoses. For acetylene, propane, butane and hydrogen. Approved model. Total length 150mm.

3246B Each **72,70**
Product running out of stock
3246C

 Product description as Art. 3246B
 For oxygen only.
 Approved model. Total length 150mm.

3246C Each **72,70**
Product running out of stock
3246GA

Orig. Ewo - Art. T/T-A

Made of 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.

Insertion between the torch and the cylinder adaptor. With 2 hose connections. For acetylene, propane, butane, hydrogen. 9mm. hose connections.

3246GA Each **44,50**
3246GB

Orig. Ewo - Art. T/T-O

Product description as Art. 3246GA

 For oxygen.
 6 mm hose connections.

3246GB Each **44,50**
3246GF

Orig. Ewo - Art. DG-N-A

Made of 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 **46,20**
3246GL

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 **46,20**
3246GP

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 **45,60**

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 **45,60**

ewo

3246GR



LIQUID GAS WELDING TOOLS

Orig. Ewo - Art. 175

All-purpose industrial fittings suitable for heavy tasks. Working pressure 1.5 bar.
Handgrip length 180mm.

3247GA Each **60,60**

ewo

3247GA



Orig. Ewo

Product description as Art. 3247GA
Handgrip with additional control lever and flame regulator.

3247GB Each **82,90**

ewo

3247GB



Product description as Art. 3247GA
Combustion pipe with diameter 19mm. With rest for copper welding hammer.

3247GC Each **45,60**

ewo

3247GC



Product description as Art. 3247GA
Copper welding hammer. Weight 250 g.

3247GD Each **23,90**

ewo

3247GD



Product description as Art. 3247GA
Bonnet with hanger

3247GE Each **24,20**

ewo

3247GE



Product description as Art. 3247GA
Chromium plated steel coupling extension, without combustion pipe Art. 3247 GH.

Overall length	mm	130	350	750
For pipes Ø	mm	30/38	45/50/60	45/50/60
3247GF	Each	23,30	30,70	41,60

ewo

3247GF



Product description as Art. 3247GA
Stainless steel combustion pipes for extensions Art. 3247 GF. For flame lengths over 150mm.

Ø	mm	30	40	45	50	60
For extensions length	mm	130	130	350/750	350/750	350/750
3247GH	Each	27,90	34,90	38,40	43,70	49,10

ewo

3247GH



3247GL**ewo**

Product description as Art. 3247GA

Lances with combustion pipe.

Overall length	mm	100	120	140
Ø	mm	16	17	20
3247GL	Each	31,10	34,40	36,60

3247GM**ewo**

Product description as Art. 3247GA

Lances for plastic material,. Suitable also for removing paints.

Flat tip width 40 mm.

3247GM	Each	46,70
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3247GT**ewo**

Product description as Art. 3247GA

Turbo-lances for heavy tasks

external Ø	mm	15	17	20	23
Overall length	mm	160	160	170	175
3247GT	Each	35,60	35,90	37,20	41,60

WELDING AND HEATING FITTINGS

3248G**ewo****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	569,00
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3248GL**ewo****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	434,00
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COPPER WELDING HAMMERS FOR LIQUID GAS WELDING

3248R**SCU****Prod. SCU**

Hammer type, with cylinder connection for soldering with liquid gas

Size		250	400	500
Mallet weight	grams	250	350	500
3248R	Each	23,90	31,10	39,50

TORCHES FOR LIQUID GAS

Prod. SCU

For soldering, working pressure from 0.5 to 1.5 max. Atm. Combustion pipe diameter 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 mm. With gas control tap.

3249AB Each **21,30**



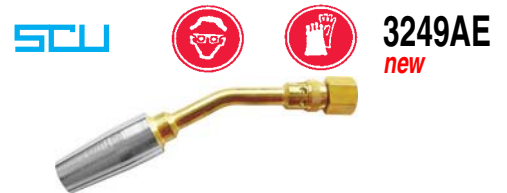
Product description as Art. 3249AB. With saving lever and quick throttle.

3249AC Each **34,30**



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

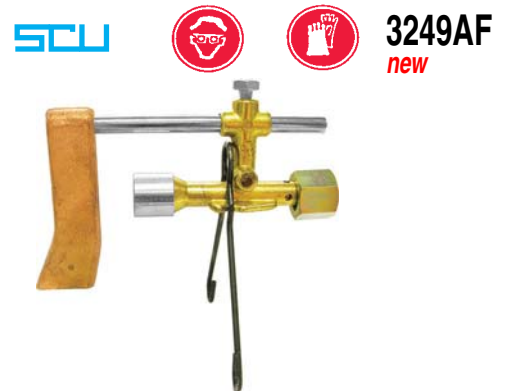


Professional lances with copper hammer 165 g and burner. Ideal for welding fine metals, such as laminations. With the docking station. For handles Art. 3249 AB - AC.

3249AF Each **41,50**

Spare hammer for Art. 3249 AF.

O3249AF Each **23,60**



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**



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.

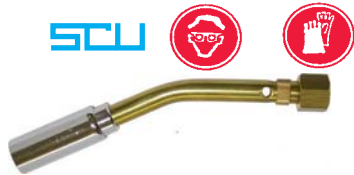
3249AP Each **16,40**



3249AR
new


Approved gas pipes Ø 4x11 mm complete with 2 couplings G 3/8 left.

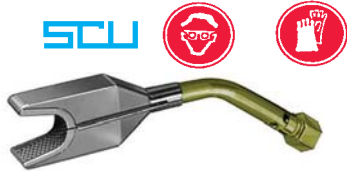
Length	m	1,5	5
3249AR	Each	15,70	20,70

3249H


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

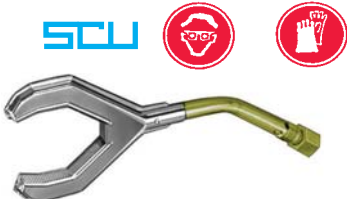
Product running out of stock

3249L


Professional forked lance for pipes with diameter 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

3249M


Professional forked lance for pipes with diameter up to 40mm. For handles Art. 3249 E - F (Catalogue Sicutool 2015).

Max temperature	°C	2400
3249M	Each	18,70

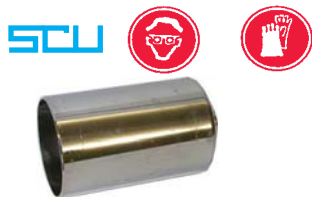
Product running out of stock

3249PA


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

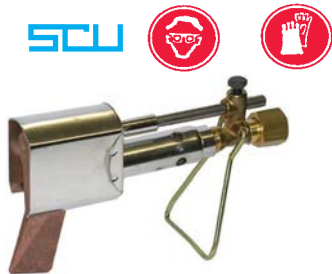
Product running out of stock

3249PB


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


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


Gas pipes made of strengthened rubber. Diameter 8x13 mm, IMQ approved, conform to UNI-CIG 7140, with cylinder connections.

Length	m	1,5	5	9
3249PH	Each	10,60	19,60	26,50

For gearboxes for liquefied gas see Art. 3156.

LONG TORCHES FOR LIQUID GAS

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**



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 and knurled blade. In case.

3249Z Each **4,24**



LIGHTERS FOR TORCHES

Orig. Ewo - Art. 503/1

With interchangeable flint. Wind-proof.

3249ZA Each **5,16**

Spare plaque for Art. 3249 ZA. Packing unit: 50pcs, not sold separately.

O3249ZA Per pack **27,70**



WELDERS PENCILS

Prod. SCU

Crayon markers in natural steatite for welding lines on metals.

Dimensions 100x10x10mm.

Packing unit: 50pcs. not sold separately.

3249ZL Per pack **18,40**



WELDERS PENCILS

Prod. SCU

Special pencil markers for welding lines on metals.

Particularly eraser-resistant also in presence of heat.

Indicative packing unit: 12pcs.

Colour: silver

3249ZR Each **1,18**



Product description as Art. 3249ZR

Colour: red

3249ZT Each **1,18**



CYLINDERS FOR LIQUID GAS
3250**SCU****Prod. SCU**

Made of 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	ore	120	180
3250	Each	53,50	58,20

3250A**SCU**

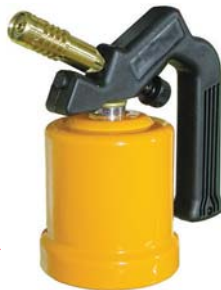
Flexible rubber hose for transfer, length 0.5 m, with connections, for Art. 3250.

3250A	Each	14,40
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3250B**SCU**

Hose connections for cylinders. Suitable for Art. 3250.

3250B	Each	3,12
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CARTRIDGE-TYPE SOLDERING IRONS
3250BR*new***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	19,50

3250BT*new***SCU**

Welder working with liquefied gas cartridge Art. 3250 CE. With metal cartridge holder and brass burner Ø mm 18. 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	28,20

3250C**SCU**

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

Prod. SCU

Tool suitable for cutting and processing rigid foam such as polystyrene, SAGEX, Alporit. Supplied with 3 interchangeable blades.

V 110-240. Power during heating phase 250 W, power during operation 45 W.

Heating time 6 min.

Working temperature 200°C.

Cutting depth 50 mm.

3250F	Each	55,10
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Product running out of stock



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	291,00
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Spare blades for Art. 3250 FE.

Blade length	mm	170	195
O3250FE	Each	59,80	62,10



ELECTRIC WARM AIR CONVEYORS
3250GA**SCU****Prod. SCU**

Multi-purpose gun type suitable for paint removing, unglueing, bending and removing various materials. Light, compact with soft handle. Built-in rest for vertical standing.

Double heating stage 45/550 °C. Air outflow 500 l/min.

V 230 - Power W 2000.

Without fittings.

3250GA Each **93,80**

For soldering rods see Art. 3378 A - C - E.

3250GB**SCU**

Multi-purpose gun type suitable for paint removing, unglueing, bending and removing various materials. Light, compact with soft handle. Built-in rest for vertical standing.

Ten heating stages 60/600 °C. Air outflow 500 l/min.

Power W 2000.

Without fittings.

3250GB Each **120,00**

For soldering rods see Art. 3378 A - C - E.

3250GB 3**SCU**

Fittings for Art. 3250 GA - 3250 GB.

Flat nozzles, width 40mm.

3250GB 3 Each **12,20**

3250GB 5**SCU**

Product description as Art. 3250GB 3

Glass-shielding flat nozzles. Width 50mm.

3250GB 5 Each **12,20**

3250GB 7**SCU**

Product description as Art. 3250GB 3

Round reduction nozzles Ø 23mm.

3250GB 7 Each **12,20**

3250GB 9**SCU**

Product description as Art. 3250GB 3

Reflex nozzles for bending pipes.

3250GB 9 Each **12,20**

3250GD**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 **279,00**

For soldering rods see Art. 3378 A - C - E.

3250GE**SCU**

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 **210,00**

For soldering rods see Art. 3378 A - C - E.

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FITTINGS FOR ART. 3250 GD - 3250 GE

Flat nozzles. Width 50mm.

3250GF Each **13,70**



Product description as Art. 3250GF

Flat nozzles. Width 75mm.

3250GH Each **14,50**



Product description as Art. 3250GF

Round reduction nozzles Ø 9mm.

3250GL Each **12,60**



Product description as Art. 3250GF

Round reduction nozzles Ø 14mm.

3250GM Each **12,60**



Product description as Art. 3250GF

Reflecting nozzles for welding.

3250GM 2 Each **15,80**



Product description as Art. 3250GF

Nozzles for hose bending.

3250GP Each **15,60**



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 **21,10**



Product description as Art. 3250GF

Rimate nozzle for welding plastic sheets. (Art. 3250 GL is required for assembly).

3250GS 2 Each **11,40**



Product running out of stock

Product description as Art. 3250GF

Flat nozzles for welding plastic sheets. (Art. 3250 GM is required for assembly).

3250GS 3 Each **15,80**



Product description as Art. 3250GF

Roller compressors for plastic materials. Width 45mm.

3250GT Each **28,30**



WARM AIR ELECTRIC TORCHES FOR PLASTIC MATERIALS

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 **620,00**



Spare round nozzles Ø 6mm for Art. 3251.

O3251 Each **40,20**



Spare resistors for Art. 3251.

O3251R Each **63,40**

For soldering rods see Art. 3378 A - C - E.

With electronic control of air temperature.

Continuous temperature control from 50 °C to 650 °C.

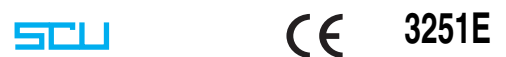
With power unit and built-in fan.

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 **786,00**



For spare round nozzles Ø 6mm. See Art. 03251.

Spare resistors for Art. 3251 E - 3251 S.

O3251RE Each **63,40**



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	620,00
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For spare resistors see Art- 03251 RE.

Spare round nozzles Ø 5mm for Art. 3251 S.

O3251S	Each	40,20
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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	338,00
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For spare resistors see Art- 03251 R.

Spare round nozzles Ø 4mm for Art. 3252.

O3252	Each	40,20
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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	42,30
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3252 2**SCU**

Product description as Art. 3252 1
 Flat nozzles. Width 40mm.

3252 2	Each	52,90
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3252 3**SCU**

Product description as Art. 3252 1
 Nozzles for welding with plastic rods Ø up to 4mm.

3252 3	Each	84,50
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3252 5**SCU**

Product description as Art. 3252 1
 Cap for paint removing. Width 40mm.

3252 5	Each	59,20
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3252 6**SCU**

Product description as Art. 3252 1
 Cap for heating.

3252 6	Each	55,10
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3252 7**SCU**

Product description as Art. 3252 1
 Nozzles for welding gaiters and tubes. (Art. 3252/6 required for assembly).

3252 7	Each	108,00
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3252 9**SCU**

Product description as Art. 3252 1
 Roller compressor 45 mm.

3252 9	Each	50,70
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BATTERY-POWERED GLUE GUNS

Prod. SCU

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, and 6 transparent glue sticks.

3252 30 Each **114,00**

Replacement LITHIUM battery as per Art. 3252 30.

O3252 30 Each **73,70**

SCU

3252 30



ELECTRIC GLUE GUNS

Prod. SCU

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 **19,50**

SCU



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/min. With rest.

Without glue.

3252B Each **56,10**

SCU



3252B



CORDLESS

Semiprofessional heavy-duty type, with trigger feeding.

Use with glue sticks with diameter 12mm. sturdy model, with pre-set thermostat and burn-proof nozzle. V 240 - Power W 50. Extrusion capacity 23 gr/min.

With rest.

Without glue.

3252C Each **103,00**

SCU



3252C



Industrial high power type.

Feeding through large trigger. 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 1600 gr/h.

With steady rest.

Without glue.

3252ES Each **200,00**

SCU



3252ES



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 1600 g/h.

With stable support.

Without glue.

3252ET Each **203,00**

SCU



3252ET



3252F 1 


STICKS OF GLUE FOR ART. 3252 - 3252 A - B - C - D - E - ES / 2810 T
 Non-toxic, hot melting type.
 Sticks Ø 12mm, length 200mm.
 1 Kg pack, not sold separately.
 Transparent colour.

3252F 1 Per pack **13,90**

3252F 3 


Product description as Art. 3252F 1
 White colour.

3252F 3 Per pack **14,60**

3252F 5 


Product description as Art. 3252F 1
 Honey colour.

3252F 5 Per pack **14,60**

STICKS OF BLACK GLUE supplied on request.

SOLDERING WIRE DISPENSERS
3252FA 


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.

3252FA Each **72,40**

Spare conical tips 0.8mm for microwelding Art. 3252 FA.

O3252FA 5 Each **14,70**

Spare straight, flat tips 1.8mm, universal use, for Art. 3252 FA.

O3252FA 8 Each **14,70**

GAS TORCHES
3252FL 


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).

3252FL Each **54,60**

For filling see Butane gas bottles Art. 3252G 75.

3252FM
new


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.

3252FM Each **66,90**

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).

3252FP Each **11,90**

Cartridge welders see Art. 3250 BR - BT - C - CA-CB.



3252FP
new

GAS SOLDERING IRONS

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 **126,00**

For BUTANE GAS aerosols see Art. 3252 G 75.

Spare conical tip for welding for Art. 3252 G 3.

O3252G 4 Each **30,60**

Spare air nozzle for Art. 3252 G 3.

O3252G 5 Each **29,60**

Knife nozzle for cutting thermoshrinking material for Art. 3252 G 3.

O3252G 6 Each **41,40**



3252G 3



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 **364,00**

For BUTANE GAS aerosols see Art. 3252 G 75.

Spare screwdriver tip for welding 3mm for Art.3252 G 20.

O3252G 21 Each **27,50**

Spare air nozzle Ø 5.7mm for Art. 3252 G 20.

O3252G 22 Each **34,20**

Screwdriver tip for welding 5mm for Art. 3252 G 20.

O3252G 23 Each **33,70**

Straight conical tip for welding for Art. 3252 G 20.

O3252G 24 Each **27,50**

Curved conical tip for welding for Art. 3252 G 20.

O3252G 25 Each **28,10**

Flat tip for welding 2mm, for Art. 3252 G 20.

O3252G 26 Each **28,10**

Flat tip for welding 3mm, for Art. 3252 G 20.

O3252G 27 Each **28,10**

Air nozzle Ø 1,7mm for Art. 3252 G 20.

O3252G 28 Each **41,40**

Air nozzle Ø 7mm for Art. 3252 G 20.

O3252G 29 Each **35,90**



3252G 20



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BUTANE GAS BOTTLES

Prod. SCU - Orig. Weller

Refill gas cans per Art. FL-3252 3252 G 3-3252-3252 G 7 G 20.

Contents: iso-butane gas, 75ml.

3252G 75 Each **12,20**



3252G 75

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	52,40
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Spare tips for Art.3252GC.

O3252G	Each	17,80
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3252H**SCU****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	9,68
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(Irreplaceable resistors)

3252S**SCU**

Product description as Art. 3252H

With bent tip. W 40. (400° C).

3252S	Each	10,80
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(Irreplaceable resistors)

3252T**SCU**

Product description as Art. 3252H

With bent tip. W 60. (410° C).

3252T	Each	12,50
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(Irreplaceable resistors)

3252V**SCU**

Product description as Art. 3252H

With bent tip. W 80. (420° C).

3252V	Each	14,30
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(Irreplaceable resistors)

3252Z**SCU**

Product description as Art. 3252H

With bent tip. W 100. (430° C).

3252Z	Each	17,20
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(Irreplaceable resistors)

3252ZE**SCU****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 copper tip with iron coating).

Conform to European safety standards.

With straight flat tip 2 mm. V 230 - W 15 (400° C).

3252ZE	Each	47,60
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Spare tips for Art. 3252 ZE.

In packs of 3 pieces.

O3252ZE	Per pack	10,30
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3252ZF**SCU**

Product description as Art. 3252ZE

With straight flat tip 0.8 mm. V 230 - W 25 (400° C).

3252ZF	Each	48,10
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Spare tips for Art. 3252 ZF.

In packs of 3 pieces.

O3252ZF	Per pack	9,84
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Product description as Art. 3252ZE
With straight flat tip 6.3 mm. V 230 - W 40 (480° C).

3252ZG Each **53,80**

Spare tips for Art. 3252 ZG.
In packs of 3 pieces.

O3252ZG Per pack **12,60**



Product description as Art. 3252ZE
With straight flat tip 9.5 mm. V 230 - W 80 (480° C).

3252ZH Each **64,60**

Spare tips for Art. 3252 ZH.

O3252ZH Each **17,90**



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 **114,00**

Spare tips for Art.3253 GA.

O3253GA Each **11,70**

Spare resistors for Art. 3253 GA.

O3253GAR Each **79,30**

Product running out of stock



Product description as Art. 3253GA
With straight flat tip 1.2mm. V 230 - W 25.

3253GB Each **114,00**

Spare tips for Art.3253 GB.

O3253GB Each **11,70**

Spare resistors for Art. 3253 GB.

O3253GBR Each **84,20**



Product description as Art. 3253GA
With straight flat tip 2mm. V 230 - W 40.

3253GC Each **114,00**

Spare tips for Art.3253 GC.

O3253GC Each **12,40**

Spare resistors for Art. 3253 GD.

O3253GCR Each **84,20**



Product description as Art. 3253GA
With bent flat tip 5mm. V 230 - W 80.

3253GD Each **132,00**

Spare tips for Art.3253 GD.

O3253GD Each **24,00**

Spare resistors for Art. 3253 GD.

O3253GDR Each **91,60**



ELECTRIC SOLDERING IRONS

3260B

SCU



Prod. SCU

Standard type, for discontinuous 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	33,60	37,90	49,70	57,60

Spare resistors for Art. 3260 B.

Power	W	100	150	300	500
O3260B	Each	9,70	11,20	13,10	15,10

3261A

SCU



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
3261A	Each	67,10	77,70	89,40	180,00	203,00

Spare resistors for Art. 3261 A.

Power	W	25	50	100	200	300
O3261A	Each	38,20	41,60	47,30	71,80	89,60

Spare copper tips for Art. 3261 A.

Power	W	25	50	100	200	300
O3261B	Each	11,20	14,30	19,60	59,90	81,20

3261E

SCU



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
3261E	Each	72,10	89,40	108,00	237,00

Spare resistors for Art. 3261 E.

Power	W	100	200	300	450
O3261E	Each	25,50	31,10	37,90	74,20

Spare copper for Art. 3261 E.

Power	W	100	200	300	450
O3261F	Each	19,60	41,10	56,10	105,00

SOLDERING IRONS WITH CONTROLLED TEMPERATURE.

3263G

SCU



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	196,00	221,00	280,00

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	15,60	19,60	13,40	13,40	13,40	13,40	25,30	16,10	13,40	13,40	13,40
Type		23	36	37	38	39	42	43	44	45	54	55
For welders Art.		3263G 60	3263G	3263G	3263G	3263G	3263G	3263G	3263G	3263G	3263G	3263G
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	26,10	26,50	26,50	26,50	34,20	26,50	26,50	26,50	23,50	48,30	47,80
Type		56	57	58	59	61						
For welders Art.		3263G	3263G	3263G	3263G	3263G						
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	49,00	49,00	47,80	47,80	48,80						

Size 45 is running out of stock

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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	29,40
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Spare tips for Art.3264 F.

O3264F	Each	1,28
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SCU



3264F



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	87,10	180,00

Spare tips for welding for Art. 3264 G.

For welders	W	100	250
O3264GA	Each	7,20	20,80

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	15,10	15,30

Spare tips for smoothing for Art. 3264 G.

For welders	W	100	250
O3264GC	Each	15,30	15,30

SCU



3264G



Industrial type, with fittings. High speed heating and soldering.
With lamp.

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	115,00
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For spare tips see Art. 03264 GA - 03264 GB - 03264 GC 100 W.

SCU



3266G



ANALOGIC SOLDERING STATIONS

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	453,00
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SCU



3267GA



3267GB




Product description as Art. 3267GA
Soldering iron only W 50 - V 24.

3267GB Each **208,00**

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	11,40	11,40	11,40	11,40

Spare tip cleaning sponges, for Art. 3267 GA - 3267 GT. Dimensions 70x55mm. In packs of 5 sponges, NOT SOLD SEPARATELY.

O3267GD Per pack **31,70**

3267GE



Prod. SCU

Unsoldering unit to be used with Art. 3267 GB.

3267GE Each **147,00**

3267GF




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 **195,00**

Only soldering iron W 40 - V 18 for Art. 3267 GF / 3268 G.

OS3267GF Each **80,30**

Spare nickel-plated tips for Art. 3267 GF / 3268 G.

O3267GF 2 Each **4,50**

Spare nickel-plated tips 3.5mm (3pcs folder) for Art. 3267 GF / 3268 G.

O3267GF 3 Per pack **18,10**

Spare "Longlife" tips 0.4mm for Art. 3267 GF / 3268 G.

O3267GF 5 Each **11,70**

Spare "Longlife" tips 2mm for Art. 3267 GF / 3268 G.

O3267GF 7 Each **11,70**

3267GT




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 **592,00**

3267GV




Product description as Art. 3267GT

Soldering iron only W 80 - V 24.

3267GV Each **349,00**

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	11,40	11,40	11,40	11,40	11,40

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 **278,00**

**For spare soldering iron complete with cable see Art. OS3267 GF.
For spare tips see Art. O3267 GF 2-3-5-7.**



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 **721,00**

**For welder and spare tips see Art. 3267 GV and GZ O3267 from 0.8 to 4.6.
On request can be supplied a digital desoldering station Orig. Weller.**



SUCTION PUMPS

Prod. SCU

Standard model. Suitable for radio-tele-electronics and printed circuits. For sucking solder from connections by means of an electric soldering iron. Teflon tip, body in antistatic plastic material.

3268VT Each **21,30**

Spare Teflon tips for Art. 3268 VT.

O3268VT Each **5,04**



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 **20,10**

Spare PTFE tips for Art. 3268 Z.

O3268Z Each **2,64**

ESD antistatic/dissipating tips for Art. 3268 Z.

O3268ZA Each **3,08**



Industrial model.

Suitable for radio-tele-electronics and printed circuits. For sucking solder from connections by means of an electric soldering iron. Teflon tip, body in antistatic aluminium.

3268ZE Each **36,50**

Spare Teflon tips for Art. 3268 ZE.

O3268ZE Each **10,40**



ELECTRODE ARC-WELDING MACHINES

3269B

SCU



IP21

Prod. SCU

Portable electric arc-welding machines, with monophasic alternate current. Conform to European specifications EN 60974-6/ EN 60974-10. Forced air-cooling. Continuous 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 to 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

INVERTER WELDING MACHINES

3271A

SCU



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. Continuous 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 transport case, helmet with adiacinic glass, welding cap and brushes, electrode holder and earth clamp with 3 + 2m cable cross section 16mm² and joints Ø 25mm.

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	130x270x225h
3271A	Each	637,00

3271E

SCU



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 helmet with adiacinic glass, welding cap and brushes, electrode holder and earth clamp with 3 + 2m cable cross section 16mm² and joints Ø 25mm.

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	135x370x260h
3271E	Each	781,00

The technical characteristics of Art. 3271 A - E are subject to possible changes by the manufacturer.

WELDING ELECTRODES

3272A

SCU



Prod. SCU

Rutile-coated type, according to E 6013 specification. Suitable for welding iron, building steel, pressurized reservoirs etc. Suitable for welding machines Art. 3269 B a 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
Cfz. indivisibili c.ca	pcs	290	400	250	150	100
Peso conf. c.ca	Kg	2,2	4,3	4,2	6,9	6,7
3272A	Per pack	46,40	45,20	31,70	55,40	52,40

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 a 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
Cfz. indivisibili c.ca	pcs	400	250	150	100
Peso conf. c.ca	Kg	4,8	4,3	6,3	7,2
3272B	Per pack	84,90	53,60	67,90	61,70



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
Cfz. indivisibili c.ca	pcs	230	130	77
Peso conf. c.ca	Kg	2,6	2,6	2,6
3272E	Per pack	122,00	98,10	97,30



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
Cfz. indivisibili c.ca	pcs	230	130	77
Peso conf. c.ca	Kg	2,6	2,6	2,6
3272L	Per pack	137,00	118,00	115,00



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
Cfz. indivisibili c.ca	pcs	140	77
Peso conf. c.ca	Kg	2,7	2,7
3272R	Per pack	179,00	190,00



ELECTRODE-HOLDERS

Prod. SCU

Straight type with electrode-holder jaws. Made of 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	mm²	25	35	50	70
3277	Each	11,50	15,50	18,40	22,30



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.

Fine 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.

Fine max load capacity	A	200	300	400	600
O3277G	Per pair	3,00	4,36	4,36	5,40

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	mm²	25	35	50	70
3277S	Each	21,30	24,10	27,20	29,40



3277V**SCU**

Bent type with electrode-holder hole. Made of brass. Totally insulated.
Cable locking ring. 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	48,70	55,90

CABLE LUGS AND EARTH CLAMPS**3278****SCU****Prod. SCU**

Brass cable lugs

Capacity	mm ²	35	50	75	100
For cable Ø	mm	6	8	12	13
For screws Ø	M.	12	12	12	12
3278	Each	2,42	4,26	5,40	4,94

Product running out of stock

3278A**SCU**

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
Screw bore Ø	mm	8,5	8,5	10,5	10,5	13,25	14,3
No. of bolts	Nr.	2	2	2	4	4	4
3278A	Each	1,86	2,14	2,50	4,02	4,96	5,20

3279**SCU**

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	12,30	20,70

3279S**SCU**

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	10,40	13,50	18,70	20,90

3281**SCU**

Screw clamps made of brass. Jaws opening up to 38mm.
Conform to European specifications BS638-5.

Capacity at 60%	A	300
Max cable section Ø	mm ²	50
3281	Each	27,10

3281A**SCU**

Screw clamps, heavy finish. Brass arc.
Conform to European specifications BS638-5.

Capacity at 60%	A	400	700
Max cable section Ø	mm ²	85	120
Opening up to	mm	60	100
3281A	Each	43,60	63,50

3281E**SCU**

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	22,90

PANEL SOCKETS

Prod. SCU

Made of brass. Coated with insulating material. Bayonet joint.
Male.

SCU

3282R

Max cable section Ø	mm ²	25	70	95
Capacity at 60%	A	200	400	500
Jack length	mm	12	19	19
3282R	Each	5,20	9,94	10,70



Product description as Art. 3282R

Female.

SCU

3282S

Max cable section Ø	mm ²	25	70	95
Capacity at 60%	A	200	400	500
3282S	Each	2,72	5,60	7,12



CABLE CONNECTORS

Prod. SCU

Made of brass. Coated with insulating material. Bayonet joint.
Conform to European specifications EN 60974-12.

SCU

3283

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	2,72	6,02	8,20	10,60



Product description as Art. 3283

Female.

SCU

3284

Max cable section Ø	mm ²	25	50	70	95
Capacity at 60%	A	200	300	400	500
3284	Each	3,12	6,18	8,20	10,60



WELDING KIT

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 and cable lugs
 - 1 welding hammer
 - 1 brush
 - 1 safety screen
 - 1 transparent safety glass 75x98mm
 - 1 coloured protective adiactinic glass 75x98mm
- Complete set.

SCU

3290

3290	Each	67,10
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MAGNETIC SETSQUARES

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.

mob

3295A

Length	mm	100
Height	mm	110
Diagonal	mm	110
Max magnetic force	Kg	25 to 36
3295A	Each	51,40



30° 45°
60° 90°



ESEMPI DI FISSAGGIO

3295E



Orig. Peddinghaus

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
Height	mm	110	150
Diagonal	mm	100	140
Max magnetic force	Kg	31,5 to 36	54 to 63,5
Supplier code		0046000000	0048000000
3295E	Each	108,00	138,00

**Magnetic force varies according to the length of the used side.
Size mm 130 is running out of stock**

3295L



Adjustable angle

Prod. SCU

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	109,00
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SOLDER WIRE

3361GA



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	1,64	1,28

3361GB



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	1,64	1,84	1,84

3361GC



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	57,20	57,40	55,50	55,40

3361GL



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	73,30	72,30	71,60	71,40

3361GM



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	101,00	81,60	73,30	72,30	71,60

10

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	40,80
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SCU



3361GP



Solder wire, pure tin 99,9%. For lead-free soldering. Melting temperature: 232 °C. Wire diameter 2mm. In skeins of 1kg.

3361GS	Per kg	103,00
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SCU



3361GS



Tin alloy. In bars, soldering DIN EN 29453 (DIN 8516), length 400mm.

Tin alloy %		40	60	90
Fusion temperature °C		183-235	183-190	232
3362G	Per kg	40,90	58,10	91,70

SCU



3362G



SOFT SOLDER FLUXES

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	5,30	6,94	10,10	13,60

SCU



3363G



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	9,86	16,80	51,20

SCU



3364G



Soldering fluid paste DIN EN 29453 with pure tin 99,9%.
 Melting temperature: 232 °C. In plastic boxes of 1000g.

3364GL	Each	103,00
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SCU



3364GL



SALAMMONIAC SOLDERING STONES

Prod. SCU

For tin soldering. Special salammoniac stone to deoxidize copper solders.
 In pressed stones.

Weight	grams	80	160	500
3368G	Each	1,42	1,98	6,76

SCU



3368G



SPECIAL TIN SOLDERING PASTE

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		tube	box	box	can
3371G	Each	4,02	2,92	5,30	10,60

SCU



3371G

gr. 70

gr. 100
gr. 250

gr. 500



SOLDERING BARS FOR POLYPROPYLENE AND PVC

3378A

SCU



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 **25,70**

3378C

SCU



Product description as Art. 3378A
Polypropylene with flat section 3x5mm, beige.

3378C Per kg **38,10**

3378E

SCU



Product description as Art. 3378A
PVC with flat section 3x5mm, grey.

3378E Per kg **25,70**

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	45,70	42,80

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	49,30	49,30

3379GP

SCU



Soldering bars in nickel have suitable external deoxidizer.
For steel, cast iron, nickel and its alloys. Operating temperature: 910 °C.
Length 500mm.

Round bars Ø	mm	2,5	4
3379GP	Per kg	60,30	61,90

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 **20,50**

PROTECTIVE SHIELDS

3381

SCU



Prod. SCU

Apt for welders. With green adiactinic lens 75X98mm.
Inclined model.
To be handled, in fibre, light and handy.
In compliance with the European regulation currently in force.
Dimensions: 390x240mm.

3381 Each **11,80**

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 **26,90**

SCU



3381F



Product description as Art. 3381

Straight model.

To be handled, in sturdy and rigid thermoplastic material.

In compliance with the European regulations currently in force.

Dimensions: 400x240mm.

3381L Each **6,36**

SCU



3381L



Product description as Art. 3381

Straight model.

To be handled, in fibre, light and handy.

In compliance with the European regulations currently in force.

Dimensions: 380x250mm.

3382 Each **8,04**

SCU



3382



PROTECTIVE HELMETS

Prod. SCU

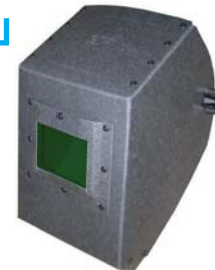
High insulation, apt for welders. With green adiacinic lens 75X98mm.

Helmet model, in fibre, light and handy. In compliance with the European regulations currently in force.

Dimensions: 320x200mm.

3383 Each **19,80**

SCU



3383



Product description as Art. 3383

Helmet model, in thermoplastic material reinforced by glass fibre.

In compliance with the European regulations currently in force.

Dimensions: 330x230mm.

3383V Each **22,50**

SCU



3383V



Product description as Art. 3383

Helmet model. In thermoplastic material reinforced by glass fibre.

With tiltable adiacinic lense and fixed transparent lense.

In compliance with the European regulations currently in force.

Dimensions: 330x230mm (with 2 lens).

3383Z Each **43,56**

SCU



3383Z



ADIACINIC LENSES
3385A SCU

Prod. SCU

 Apt for shield and helmets from Art. 3381 to Art. 3383 Z. Dimensions: 75x98mm.
 In compliance with the European regulations currently in force.

Adiacinic type.

Shade: DIN 10 light green.

3385A Each **0,70**
3385C SCU


Product description as Art. 3385A

Adiacinic type.

Shade: DIN 11 medium green.

3385C Each **0,70**
3385D SCU


Product description as Art. 3385A

Adiacinic type.

Shade: DIN 12 dark green.

3385D Each **0,70**
3385E SCU


Product description as Art. 3385A

Adiacinic type.

Shade: DIN 103 very dark green.

3385E Each **0,70**
3385L SCU


Product description as Art. 3385A

Adiacinic mirror type.

Shade: DIN 10 light green.

3385L Each **2,00**
3385P SCU


Product description as Art. 3385A

Adiacinic mirror type.

Shade: DIN 11 medium green.

3385P Each **2,00**
3385R SCU


Product description as Art. 3385A

Adiacinic mirror type.

Shade: DIN 12 dark green.

3385R Each **2,00**
3385S SCU


Product description as Art. 3385A

Adiacinic mirror type.

Shade: DIN 13 very dark green.

3385S Each **2,00**
3385T SCU


Product description as Art. 3385A

Transparent type. Package contains 100 pcs.

3385T Each **0,16**
PROTECTIVE MASKS WITH INTERCHANGEABLE BATTERIES
3386GR ewo
3386GT

3386GR
3386GT
Orig. Ewo - Art. E 26710

Professional model high technology, 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.
In compliance with the European regulations currently in force.

3387 Each **39,20**

Spare shields for Art. 3387.

O3387 Each **21,50**

SCU



3387



With framed shield in acetylcellulose, anti-scratch, anti-fog, high protection. Plastic adjustable supporting helmet. Dimensions: 330x220x180mm approx. In compliance with the European regulations currently in force.

3387A Each **61,40**

Spare shields for Art. 3387 A.

O3387A Each **43,20**

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 **7,06**

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 **8,18**

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 **8,10**

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 **8,00**

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	4,92
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3387EL**SCU**

Product description as Art. 3387E
With DIN 5 green lens.

3387EL	Each	8,00
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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	22,50
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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	7,82
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3387GA**SCU**

One-lens type, nylon frame, light. Spherical lens, wide cover and side protection. Close adhesion to the face thanks to soft rubber. 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	20,50
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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	27,40
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3387GL**SCU**

One-piece type, particularly indicated for protection in general and to be worn over one's spectacles. In compliance with the European regulations currently in force. Transparent and made of carboflex.

3387GL	Each	3,42
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10

Model with transparent panoramic lens, PVC frame and direct ventilation holes.
In compliance with the European regulations currently in force.

3387N Each **7,76**

SCU **CE** **3387N**



With transparent panoramic lens, PVC frame and ventilation holes.
In compliance with the European regulations currently in force.

3387P Each **9,44**

SCU **CE** **3387P**



Spare lenses for Art. 3387 P.

O3387P Each **6,00**

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 **4,28**

SCU **CE** **3387PE**



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.

In conformity with the European norms.

Approved in compliance with EN 166 1B 349 (protection against sprays of liquids (chemicals), big dust particles, molten and solid metals).

3387R Each **13,90**

SCU **CE** **3387R**



Frame in light and indeformable plastic, lenses Ø 50mm. In conformity with the European norms. With transparent lenses made of carborock.

3388A Each **5,52**

SCU **CE** **3388A**



SPARE LENSES Ø 50mm

Carborock transparent lenses.

O3388A Per pair **1,96**

Product description as Art. 3388A

With transparent lenses made of hardened glass.

3388B Each **6,46**

SCU **CE** **3388B**



SPARE LENSES Ø 50mm

Hardened glass transparent lenses.

O3388B Per pair **3,64**

Product description as Art. 3388A

With green DIN 5 lenses made of glass.

3388L Each **6,86**

SCU **CE** **3388L**



SPARE LENSES Ø 50mm

Green DIN 5 glass lenses.

O3388L Per pair **1,92**

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 **10,80**

SPARE LENSES Ø 50MM

Transparent glass lenses.

O3388M 1 Per pair **6,32**

Product description as Art. O3388M 1

Green glass lens DIN 5.

O3388M 2 Per pair **2,74**

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 **9,88**

Spare lenses see Art. O3388 A-B-L.

3388P**SCU**

Product description as Art. 3388N

With transparent lenses made of hardened glass.

3388P Each **13,80**

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 **12,10**

Spare lenses see Art. O3388 A-B-L.

3393**SCU**

With side-pieces made from special lightweight plastic material, with side protection and central screw to facilitate lens replacement and make it safe. Lenses Ø 50mm
Compliant with European standards.

With transparent glass lenses.

3393 Each **3,38**

Spare lenses see. Art. O3388 M 1.

Product running out of stock

3395**SCU**

Swinging legs in special light plastic material, with lateral protections.

Lenses Ø 50mm. In compliance with the European regulations currently in force.

With transparent lenses made of carborock.

3395 Each **8,14**

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 **9,26**

Spare lenses see Art. O3388 A-B-L.

Transparent lenses in carborock and tiltable green DIN 5 lenses, Ø 50mm.
In compliance with the European regulations currently in force.

3396 Each **22,70**

Spare lenses see Art. O3388 A-B-L.

SCU

CE 3396



With standard legs and shaped lenses. Light, with lateral polyamide protection. In compliance with the European regulations currently in force.

With transparent lenses made of carborock.

3396A Each **6,90**

SPARE SHAPED LENSES

Carborock transparent lenses.

O3396A Per pair **2,70**

SCU

CE 3396A



Product description as Art. 3396A

With green DIN 5 lenses made of glass.

3396B Each **13,30**

SPARE SHAPED LENSES

Green DIN 5 glass lenses.

O3396B Per pair **9,58**

SCU

CE 3396B



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 **10,60**

SCU

CE 3397H



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 **27,80**

SCU

CE 3397L



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 **5,86**

SPARE SHAPED LENSES

Polycarbonate transparent lenses for Art. 3397 M.

O3397M Per pair **3,24**

SCU

CE 3397M



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 **12,20**

SPARE SHAPED LENSES

Hardened glass transparent lenses for Art. 3397 Q.

O3397Q Per pair **7,76**

SCU

CE 3397Q



3397R

SCU



Product description as Art. 3397Q
With green DIN 5 polycarbonate lenses.

3397R Each **8,94**

SPARE SHAPED LENSES
Green DIN 5 lenses, in polycarbonate for Art. 3397 R.

O3397R Per pair **5,10**

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 **16,60**

BATTERY LED MINI-LAMPS

3397ZA

SCU



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 **12,30**

GLOVES

3397ZT

SCU



Prod. SCU
5-finger type, in cotton seamless thread, 3-threads, with wristband, 15gr. approx.
Size 9. In compliance with the European regulations currently in force.

Overall length approx. mm 250

3397ZT Per pair **0,82**

3397ZV

SCU



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 approx. mm 250

3397ZV Per pair **2,14**

3398

GEDORE



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 simil leather.
Wrist elastic band.

Size	Nr.	8	9	10	11	12
Size	Nr.	S	M	L	XL	XXL
Overall length approx.	mm	210	215	220	225	230
Supplier code		920 8	920 9	920 10	920 11	920 12
3398	Per pair	22,50	22,50	22,50	22,50	22,50

10

Prod. SCU

With 5 fingers, in coarse para rubber, breathable back, cuff in woven cotton. Cut and abrasion resistant.

CAT. 2. Size 10. In compliance with the European regulations currently in force.

Overall length approx. mm 260

3398 3 Per pair **4,20**

SCU



3398 3



With 5 fingers, palm with nail-protection and knuckle-protection in crust leather, cloth short sleeve.

CAT. 1. Size 10. In compliance with the European regulations currently in force.

Overall length approx. mm 260

3398A Per pair **5,16**

SCU



3398A



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. In compliance with the European regulations currently in force.

Overall length approx. mm 260

3398B Per pair **9,86**

SCU



3398B



With 5 fingers, completely in crust leather, with reinforced palm and short sleeve.

CAT. 2. Size: 10. In compliance with the European regulations currently in force.

Overall length approx. mm 270

3398C Per pair **6,02**

SCU



3398C



Thin type. Finely worked.

With 5 fingers, completely made of high-quality crust leather, with reinforced palm and short sleeve.

CAT. 2. Size: 10. In compliance with the European regulations currently in force.

Overall length approx. mm 270

3398E Per pair **8,26**

Product running out of stock

SCU



3398E



With 5 fingers, completely made of crust leather, with 150mm long sleeve.

CAT. 2. Size: 10.

In compliance with the European regulations currently in force.

Overall length approx. mm 350

3398M Per pair **6,94**

SCU



3398M



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.

In compliance with the European regulations currently in force.

Overall length approx. mm 350

3398P Per pair **10,30**

Product running out of stock

SCU



3398P



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.

In compliance with the European regulations currently in force.

Overall length approx. mm 260

3398R Per pair **3,74**

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.

In compliance with the European regulations currently in force.

Overall length approx. mm 260

3398R 3 Per pair **7,86**

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.

In compliance with the European regulations currently in force.

Overall length approx. mm 260

3398R 5 Per pair **8,40**

3398R 8**SCU**

Light type with 5 fingers, completely made of grain leather. Wrist elastic band and borders.

CAT. 1. Size: 10.

In compliance with the European regulations currently in force.

Overall length approx. mm 240

3398R 8 Per pair **8,04**

3398S 1**SCU**

Thin type. Finely worked, with big thickness.

With 5 fingers, completely in grain leather, thumb reinforcement, wrist elastic band and edging.

CAT. 2. Size: 9.

In compliance with the European regulations currently in force.

Overall length approx. mm 240

3398S 1 Per pair **12,60**

Product running out of stock

3398S 2**SCU**

Type with 5 fingers, in sheepskin grain leather, back in woven cotton, wrist elastic knit fabric.

CAT. 2. Size 9.

In compliance with the European regulations currently in force.

Overall length approx. mm 240

3398S 2 Per pair **5,22**

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.

In compliance with the European regulations currently in force.

Overall length approx.	mm	230
3398S 3	Per pair	1,46

SCU

CE 3398S 3



With 5 fingers, with elastic cuff, resistant, comfortable, allows a precise and efficacious grip.
 Made of cotton coated by a thin nitrile layer.
 Indicated for mechanics, handling and activities with risk of abrasion.

Size: 10.
 In compliance with the European regulations currently in force.

Overall length approx.	mm	270
3398S 5	Per pair	1,58

SCU

CE 3398S 5



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.

With elastic wristband

Overall length approx.	mm	250
3398T 3	Per pair	2,92

Product description as Art. 3398T 3

With sleeve.

Overall length approx.	mm	250
3398T 5	Per pair	2,94

SCU

CE 3398T 3
3398T 5



In special synthetic Aramid fibre. Excellent resistance to cuts and discontinuous heat.
 Indicated for handling materials with sharp and cutting edges in metalworking, glasswork, packaging, etc.

Size: 10.
 In compliance with the European regulations currently in force.

Overall length approx.	mm	260
3398V	Per pair	15,80

SCU

CE 3398V



With 5 fingers, ambidextrous, tight, disposable. Made from very elastic natural latex for maximum freedom of hand movement; with edging. For universal use, resistant to alcohol, alkaline substances, etc. Size "L".

In compliance with the European regulations currently in force.
 Package units of 100pcs. not sold separately.

3399A	Per pack	10,20
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SCU

CE 3399A



With 5 fingers, ambidextrous, professional, high-resistance against perforation.
 Completely made of nitrile, antiallergic, with edging. Multipurpose, resistant to alcohol and irritating substances, etc

Package units of 100pcs. not sold separately. In compliance with the European regulations currently in force.
 Size "M".

3399A 3	Per pack	11,80
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SCU

CE 3399A 3



3399A 5**SCU**

Product description as Art. 3399A 3
Size "L".

3399A 5 Per pack **11,80**

3399A 7**SCU**

Product description as Art. 3399A 3
Size "XL".

3399A 7 Per pack **11,80**

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.
In compliance with the European regulations currently in force.
One size fits all (8 1/2 - 9).

3399B Per pair **5,30**

3399C**SCU**

Product description as Art. 3399B
One size fits all (9 1/2 - 10).

3399C Per pair **5,30**

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.
In compliance with the European regulations currently in force.
Size 10.

3399D Per pair **3,46**

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 approx. mm 350

3399E Per pair **5,12**

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.

In compliance with the European regulations currently in force.

Overall length approx. mm 310

3399F Per pair **3,88**

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.

In compliance with the European regulations currently in force.

Overall length approx.	mm	300
3399G	Per pair	8,62

SCU



3399G



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 approx.	mm	280
3399P	Per pair	42,10

SCU



3399P



Product description as Art. 3399P

With long sleeve.

Overall length approx.	mm	380
3399R	Per pair	52,60

SCU



3399R



Product description as Art. 3399P

With extra-long cuff.

Overall length approx.	mm	480
3399S	Per pair	59,60

For VDE insulated gloves see Art. 357 GE-F.

SCU



3399S



APRONS

Prod. SCU

In crust leather, soft tanning. Conform to European specifications EN 470, CAT. II.

Dimensions: 600x900mm approx.

3401A	Each	16,10
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SCU



3401A



In PVC, protected against abrasions, acids, solvents, etc.

Dimensions: 800x1100mm approx.

3401E	Each	20,10
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SCU



3401E



3401P **SCU**

With heat protection.

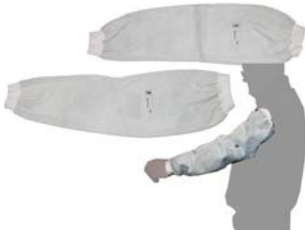
Made from extra-strong Aramidic fibre cloth, with lining, CE-compliant. Very high insulating capacity makes it suitable to be used for operations requiring maximum safety. Protection levels higher than those of asbestos.

Complies with current European regulations EN 340:2003 and EN 388:2003.

Dimensions: 600x1000mm approx.

3401P	Each	98,30
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OVERSLEEVES

3402 **SCU**

Prod. SCU

In crust leather, provided with elastic bands on both sides.

In compliance with the European regulations currently in force EN 470, CAT. I.

Length: 400mm approx.

3402	Per pair	18,80
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GAITERS

3403A **SCU**

Prod. SCU

In hide crust with velcro lateral fasteners. Conform to EN 470, CAT. II.

Height: 300mm approx.

3403A	Per pair	11,40
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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
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FIRE-PROOF COVERS

3403E 1 **SCU**

Prod. SCU

Suitable for use in various sectors, are used to stop starting fire.

Conform to European specifications DIN EN 1869:1997, in high quality fiberglass textile. Coating on both sides.

Dimensions: 1000x1000mm

3403E 1	Each	19,10
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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	23,90
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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 **22,50**



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 **38,40**



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 **21,60**



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 **48,80**



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 **52,40**



SAFETY BOOTS
3403ES SCU

CE
Prod. 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 EN 345.

S Safety category 5.

No.		39	40	41	42	43	44	45
3403ES	Per pair	35,80	35,80	35,80	35,80	35,80	35,80	35,80

PROTECTIVE SHOES
3403F SCU

CE
Prod. SCU

Safety work footwear apt for any use. With steel toe with resistance until J200, high-density polyurethane sole, high resistance to perforation, big flexibility, anti-static, resistant to hydrocarbons, non-slip. Anatomic, detachable, anti-mycotic, anatomic and anti-bacterial footbed. In compliance with the European regulation EN 345 in force.

Low type, light, in oil-tanned leather with ventilation holes. S1P safety category.

No.		39	40	41	42	43	44	45
3403F	Per pair	42,50	42,50	42,50	42,50	42,50	42,50	42,50

3403L SCU

CE

Product description as Art. 3403F

Low type, in black pigmented leather crust. S1P safety category.

No.		39	40	41	42	43	44	45
3403L	Per pair	39,20	39,20	39,20	39,20	39,20	39,20	39,20

Product running out of stock

3403M SCU

CE

Product description as Art. 3403F

High type, in black pigmented leather crust. S1P safety category.

No.		39	40	41	42	44	45
3403M	Per pair	40,20	40,20	40,20	40,20	40,20	40,20

Product running out of stock

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.

No.		39	40	41	42	43	44	45
3403MA	Per pair	56,70	56,70	56,70	56,70	56,70	56,70	56,70

SCU

3403MA



CE

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.

No.		39	40	41	42	43	44	45
3403MC	Per pair	67,10	67,10	67,10	67,10	67,10	67,10	67,10

SCU

3403MC



CE

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.

No.		39	40	41	42	43	44	45
3403ME	Per pair	63,70	63,70	63,70	63,70	63,70	63,70	63,70

SCU

3403ME



CE

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.

No.		39	40	41	42	43	44	45
3403MG	Per pair	66,80	66,80	66,80	66,80	66,80	66,80	66,80

SCU

3403MG



CE

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).

No.		39	40	41	42	43	44	45
3403MR	Per pair	108,00	108,00	108,00	108,00	108,00	108,00	108,00



3403MT SCU



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

No.		39	40	41	42	43	44	45
3403MT	Per pair	43,90	43,90	43,90	43,90	43,90	43,90	43,90



3403MV SCU



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, easily removable.

Safety class: S3.

No.		39	40	41	42	43	44	45
3403MV	Per pair	44,90	44,90	44,90	44,90	44,90	46,20	44,90

For VDE insulated boots see Art. 357 GP.



POLYETHYLENE FUNNELS

3403P SCU



Prod. SCU

In anti-acid, unbreakable material with hole for fitting. Provided with interchangeable filter.

Standard type.

Ø	mm	100	120	140	210	250
3403P	Each	3,82	4,28	2,38	4,52	5,20

3403R SCU



Product description as Art. 3403P

With flexible extension pipe, length: 400mm. Diameter: 205mm.

3403R	Each	10,10
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10

Product description as Art. 3403P

With flexible extension pipe, length: 400mm. Stepped end for non-leaded gasoline. Diameter: 210mm.

3403S	Each	8,08
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SCU



3403S

In anti-acid, unbreakable material. Provided with interchangeable filter.

With lateral bend, flange and handle. Diameter: 190mm. Total length: 400mm.

3403T	Each	13,60
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SCU



3403T

Heavy type, includes flexible, removable pipe and fixed spout. With lid and pipe cap. Spray-proof edge, filter included.

Ø	mm	180	220
3404	Each	9,10	9,78

SCU



3404

INOX FUNNELS

Prod. SCU

In heavy duty, 18/10 AISI 304 stainless steel. Without filter.

Ø	mm	200	240	300
3404N	Each	23,40	26,50	34,30

SCU



3404N

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
3404P	Each	40,40	42,10	48,20

SCU



3404P

INOX

Brass for Art. 3404 N-P all sizes.

O3404P	Each	5,38
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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	8,44	11,30	14,70	24,40	47,20

SCU



3404R

100 250 500 1000 2000

MAESURING BUCKETS
3404T SCU

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
3404T	Each	2,82	3,60	4,76	7,90

3405A SCU


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	7,34	9,42	11,20	14,70

Flexible extensions complete with filter for Art. 3405 Ax1-2-3-5.

O3405A	Each	3,88
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3405C SCU


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	5,60	6,72	11,30

3405GE

Orig. Hallbauer

In steel, with handle and scaling with seal. Not certified, for personal use only.

Capacity	l	1	2
3405GE	Each	16,60	18,70

INOX MEASURING BUCKETS
3405M SCU
INOX


3

5

10

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	36,10	42,10	55,70

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	43,10	63,70	76,10

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	46,30	68,50

SCU

INOX 3405R



CANS

Prod. SCU

Heavy, sturdy model made from certified plastic material, unbreakable. 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

SCU

3405T



DROP OILERS

Prod. SCU

In turned brass, smooth pin and polycarbonate glass.

Body Ø	mm	60
Pivot Ø	mm	19,5
Capacity	grams	130
3406	Each	53,80

Product running out of stock

Spare glass for Art. 3406.

Body Ø	mm	60
O3406	Each	11,50

Product running out of stock

SCU

3406



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	52,90	65,20	74,10	82,80	86,30	98,60

Spare tanks supplied on request.

SCU

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	Each	11,10
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SCU

3407D



PLASTIC OILERS

Prod. SCU

With tank, pipe and cap in flexible polyethylene, resistant to oils and light acids.

Capacity	ml	25
3407M	Each	0,66

SCU

3407M



3407P SCU

Product description as Art. 3407M

Capacity	ml	60
3407P	Each	0,84

3407R SCU

Product description as Art. 3407M

Capacity	ml	80
3407R	Each	0,88

3408 SCU

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	1,90	2,24	2,56

3408A SCU

Product description as Art. 3408
With fixed plastic pipe.

Capacity	ml	125	250	500
3408A	Each	1,46	1,76	2,08

3408C SCU

Product description as Art. 3408
With retractable brass pipe, screw valve.

Capacity	ml	125	250	500
3408C	Each	4,54	4,98	5,32

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	1,76	2,08	2,86

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	3,18

Product description as Art. 3410E

Capacity	ml	1000
3410F	Each	3,62

SCU



3410F

Product description as Art. 3410E

With Viton brass ring, for liquids with moderately aggressive acid agents.

Capacity	ml	1000
3410L	Each	5,22

SCU



3410L

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	17,30

SCU



3410P

Product description as Art. 3410P

Capacity	ml	2200
3410R	Each	20,40

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	50,10

SCU



3410T

PLASTIC OIL SQUIRT CANS

Prod. SCU

Indeformable plastic tank. Stabilised plastic pump, vertical flexible pipe.

Capacity	ml	150	250
3411	Each	4,70	5,24

SCU



3411

3415A

Indeformable plastic tank. Stabilised plastic pump, horizontal screwable pipe.
With hard pipe.

Capacity	ml	200	300	500	700
3415A	Each	5,58	5,76	5,94	6,38

Spare hard pipe (for all capacities), for Art. 3415 A.

O3415A	Each	1,94
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3415B

Product description as Art. 3415A

With flexible pipe.

Capacity	ml	200	300	500	700
3415B	Each	5,58	5,76	5,94	6,38

Spare flexible pipe (for all capacities), for Art. 3415 B.

O3415B	Each	2,20
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METAL OIL SQUIRT CANS

3416A

Prod. SCU

With horizontal, screwable pipe. Tank in sturdy, enameled steel, brass pump.

With hard pipe.

Capacity	ml	200	300	500	700
3416A	Each	5,78	6,48	7,22	8,38

Spare hard pipe (for all capacities), for Art. 3416 A.

O3416A	Each	1,38
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3416B

Product description as Art. 3416B

With flexible pipe.

Capacity	ml	200	300	500	700
3416B	Each	5,78	6,48	7,22	8,38

Spare flexible pipe (for all capacities), for Art. 3416 B.

O3416B	Each	1,38
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OIL/PETROL SYRINGES

3418GA

Orig. Hallbauer

Push-type, system with reentering piston. Metal body.

Capacity: 180g.

With flared nozzle.

3418GA	Each	37,80
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3418GB

Product description as Art. 3418GA

With pointed nozzle.

3418GB	Each	36,80
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3419G

Made of heavy galvanized steel. With hard pipe.

Capacity	ml	250	500	1000
3419G	Each	12,70	15,80	18,80

Body Ø mm 55 55 55

Spare flexible pipe (for all capacities), for Art. 3419 G.

O3419G	Each	7,36
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3420

Prod. SCU

Made of brass. With hard pipe.

Capacity	ml	250	500
3420	Each	25,80	32,60

Body Ø mm 40 50

Made of sturdy synthetic material. With flexible pipe.

Capacity	ml	500
3421C	Each	16,70

SCU

3421C



Orig. 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	47,40



3421G



LEVER OIL GUNS

Orig. Hallbauer

For oil. Professional model, steel body manufactured in compliance with 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	47,70
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For flexible pipes and nozzles see Art. 3425.



3421GT



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	127,00	135,00

SCU

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". Bung adaptor 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	638,00	641,00

Trolleys for barrels for Art. 3422 E 60-220.

For drums content	l	60	220
O3422E	Each	342,00	377,00

SCU

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	390,00
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SCU

3422H



PUSH-TYPE GUNS WITH GREASE

3422P

**Orig. 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	18,60
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3422R



Product description as Art. 3422P

Gun with pointed nozzle. Capacity 100g.

3422R	Each	18,10
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PUSH-TYPE GREASE GUNS

3422S

**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	8,50	5,96	6,08

3422T



Product description as Art. 3422S

Gun with pointed nozzle.

Capacity	grams	60	100	150
3422T	Each	8,18	6,04	6,08

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	8,52
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3423B



Product description as Art. 3423A

Capacity: 200g. With nozzle Art. 3425 A.

3423B	Each	10,90
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3423GA

**Orig. Hallbauer**

Professional type.

Capacity: 340g. With flared nozzle.

3423GA	Each	41,80
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3423GB



Product description as Art. 3423GA

Capacity: 340g. With pointed nozzle.

3423GB	Each	41,10
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HIGH PRESSURE LEVER GREASE GUNS FOR SCREW-IN CARTRIDGES

3423GBF

**Orig. 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	80,70
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High quality universal grease in handy SCREWABLE CARTRIDGES for use in combination with lever compressors Art. 3423 GBF.

Automatic grease compaction system during application.

Capacity g. 500, Ø mm 53.

3423GBM Each **12,80**

Adapter to fill grease cartridges Art. 3423 GBM, emptied, with the grease filling pumps Art. 3426 GE 10-20-25-50.

O3423GBM Each **23,30**


3423GBM
HIGH PRESSURE LEVER GREASE GUNS

Orig. 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 and 400.

Capacity	grams	100	150	500
Grease for pumping	cc	0,2	0,4	0,8
3423GC	Each	23,80	52,20	55,80

Capacity 150 gr. only is provided with 2 grease cartridges, included.


3423GC

For grease. Professional type, with steel body.

Manufactured in compliance with DIN 1283 standards and with the approval of "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).

In cardboard box.

Capacity	grams	500	600
3423GD	Each	26,10	48,10

For grease cartridges see Art. 3424 Cx400.

Flexible pipes and nozzles see Art. 3425.


3423GD

HIGH-PRESSURE LEVER GREASE GUNS IN SET

Orig. 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 Each **31,86**


3423GE

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.

Capacity	grams	300	500	750	1000
Body Ø	mm	45	56,5	56,5	56,5
3423H	Each	15,20	18,40	20,60	22,30

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.


3423H

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 Each **23,70**


3423L


HIGH PRESSURE LEVER GREASE GUNS
3423LE 

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.

Capacity	grams	500
Body Ø	mm	56,5
3423LE	Each	14,60

For cartridges and grease see Art. 3424 Cx400.
Flexible pipes and nozzles see Art. 3425.

HIGH-PRESSURE LEVER GREASE GUNS WITH MANOMETER
3423MG 

Orig. 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.

Capacity	grams	500
3423MG	Each	143,00

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	7,44
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Flexible pipe, connecting thread G 1/8, reinforced, length 300mm,
 complete with 4-jaws nozzle, professional, for Art. 3423 MG.

O3423MG 2	Each	22,40
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COMPRESSED AIR AUTOMATIC HIGH-PRESSURE GREASE GUNS
3423S 


Prod. SCU

For bulk grease or cartridges Art. 3424 Cx600.
 Automatic forward movement of grease. Capacity 750g.
 Delivery: 450Atm. 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 



For bulk greas with steel tank.
 forward movement and automatic pushing of grease. Capacity: 1000g.
 Delivery: 450Atm. 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

Orig. Hallbauer

Professional type which works with 12V - 1,5 Ah battery, detachable and rechargeable. High-performance pump (approx. 100 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: 500g. Battery recharging time: 60min approx. Operating pressure: 400bar (Atm). Supplied with plastic case complete with batteries, battery charger, flexible pipe with length 1000mm, professional 4-jaw nozzle.

3423ZG Each **458,00**

Spare flexible pipes and nozzles are supplied on demand.



3423ZG



18V CE

GREASE CARTRIDGES

Prod. SCU

Universal high-quality grease in handy cartridges.

Size		60	100
Capacity		60 cc	100 g
Ø	mm	-	-
Suitable for compressors Art.		3422Sx60 - 3422Tx60 - 3423GCx100	3422P - 3422R - 3423GCx150

3424C Each **5,96** **5,20**

Size		400	600
Capacity		400 g	600 cc
Ø	mm	53	53
Suitable for compressors Art.		3423GC - 3423GD - 3423GE - 3423Hx500 - 3423L - 3423LE - 3423MG - 3423ZG	3423Hx750/1000 - 3423S

3424C Each **5,78** **8,76**



3424C



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 **2,16** **2,50** **6,48**



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 **8,10** **9,52**



3424EP



Orig. 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 **1,32** **1,66** **1,86** **1,82** **1,82** **1,82** **6,98**



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
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,5	12x1,5	1/8 Gas
Hexagon	mm	7	9	9	11	11	14	11

3424GR Each **0,24** **0,26** **0,28** **0,34** **0,34** **1,10** **0,34**



3424GR



Size		5	6
Thread drive	M.	1/4 Gas	1/8 NPT
Hexagon	mm	14	11

3424GR Each **0,62** **0,34**

3424GS



Product description as Art. 3424GR

45° angled.

Size		1	2	2A	3	3A	3B	4
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,5	12x1,5	1/8 Gas
Hexagon	mm	9	9	9	11	11	14	11
3424GS	Each	0,60	0,60	0,62	0,70	0,72	2,36	0,70

Size		5	6
Thread drive	M.	1/4 Gas	1/8 NPT
Hexagon	mm	14	11
3424GS	Each	1,28	0,58

3424GT



Product description as Art. 3424GR

90° angled.

Size		1	2	2A	3	3A	3B	4
Thread drive	M.	6x1	8x1	8x1,25	10x1	10x1,5	12x1,5	1/8 Gas
Hexagon	mm	9	9	9	11	11	14	11
3424GT	Each	0,60	0,60	0,62	0,70	0,74	2,36	0,70

Size		5	6
Thread drive	M.	1/4 Gas	1/8 NPT
Hexagon	mm	14	11
3424GT	Each	1,10	1,00

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	0,48	0,48	0,48	0,48	0,64	0,48	0,48

Size		3	7
Thread drive	M.	1/4 Gas	1/4 Ww
3424GU	Each	0,48	0,80

Size 7 is 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	0,52	0,52	0,52	0,52	0,58	0,52	0,52

Size		3	4	5	8
Thread drive	M.	1/4 Gas	12x1,5	12x1,75	5/16 Ww
3424GW	Each	0,52	0,52	0,52	0,86

Size 8 is running out of stock

3424GZ



Orig. 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	0,44	0,48	0,48	0,50	0,62	0,66	0,92

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	73,50
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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 **176,00**

Set of 475 pcs is available on request.



3424GZ 230



Prod. SCU

In hardened, galvanized steel. Bayonet grease nipple. GAS pitch thread.

Thread drive	M.	1/8	1/4
3424GZE	Each	3,22	5,10

For grease nipple see Art. 3425 HE.



3424GZE

HEADS AND FLEXIBLES

Prod. SCU

Connecting thread M 10x1.
 3-jaw nozzles in zinc-coated hardened steel, for grease.

3425 Each **2,18**



3425

Product description as Art. 3425
 4-jaw zinc-coated hardened steel, turned, for grease.

3425A Each **2,30**



3425A
3425A 4

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 **3,28**

Orig. Hallbauer

Product description as Art. 3425
 4-jaw zinc-coated hardened steel, turned and ground for maximum grease and oil seal.

3425B Each **4,18**



3425B

Prod. SCU

Product description as Art. 3425
 Nickel-plated steel caps with spheric nozzle for fittings.

3425D Each **0,42**



3425D

Product description as Art. 3425
 Galvanised steel caps with flared nozzle for fittings.

3425E Each **0,42**



3425E

Product description as Art. 3425
 Convex zinc-plated brass caps for fittings with hexagon or round nozzle 15mm.

3425F Each **7,24**



3425F

Product description as Art. 3425
 Standard brass caps for fittings with hexagon or round nozzle 15mm.

3425G Each **4,70**



3425G

Orig. Hallbauer

Product description as Art. 3425
 Standard zinc-coated brass caps for fittings with hexagon or round nozzle 15mm.

3425G 16 Each **9,72**



3425G 16

3425G 22

Product description as Art. 3425

Zinc-coated brass caps for tracks, for hexagon-shaped fittings 22mm.

3425G 22	Each	17,10
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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	12,50
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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	22,80
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3425L

Product description as Art. 3425

Reinforced nylon flexible pipes.

Overall length	mm	300	400	500
3425L	Each	3,06	3,32	3,64

3425M

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. 1000bar. Diameter: 11mm.

Overall length	mm	300	500	700
3425M	Each	3,46	4,34	5,26

3425T**Orig. 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	16,10	24,10	38,70

3425V**Prod. SCU**

Product description as Art. 3425

Rigid steel pipes with total length: 150mm.

3425V	Each	1,42
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GREASE REFILLING PUMPS FOR GUNS

3426GE**Orig. 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. Dust cover with fastening 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	230,00	247,00	247,00	319,00

Only for refilling of guns, not for greasing.

HAND-OPERATED LUBRICATION SYSTEMS

3426GH**Orig. 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.

For drums content	Kg	20	50
For drums int Ø	mm	285-305	355-387
3426GH	Each	335,00	448,00

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.

For drums content	Kg	25	
For drums int Ø	mm	280-310	
3426L	Each	195,00	


3426L

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.

Tank capacity	Kg	8	12	16
3426P	Each	120,00	124,00	135,00


3426P
AIR OPERATED LUBE EQUIPMENTS
Orig. 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.

For drums content	Kg	20	25	50
For drums int Ø	mm	275-300	300-335	355-387
3427GE	Each	1.620,00	1.620,00	1.700,00

Spare follower plate for Art. 3427 GE.

For drums content	Kg	20	25	50
O3427GE	Each	62,10	84,20	120,00

3427GE

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	941,00	1.050,00

Spare follower plate for Art. 3427 H.

Size		30	60
O3427H	Each	65,20	78,20


3427H
10

LEVER ACTION PUMPS
3427L SCU

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.

Load capacity	l/min.	25	60
3427L	Each	58,10	68,50

3427LG hvz

Orig. 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	56,40
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3427LH SCU

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	1.070,00
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CE
3427M SCU


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.

3427M	Each	81,10
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3427P SCU


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.

3427P	Each	2.290,00
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INOX

BARREL PVC PUMPS

Prod. SCU

Apt for naphtha, diesel fuel, kerosene. With filter and ballgrip.

Takeup pipe length	mm	750	1000
3427R	Each	24,30	25,90

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 bung adaptor G 2". 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

3427S	Each	182,00
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SCU



3427S

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.

3427SE	Each	92,70
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SCU



3427SE

Pumps suitable for decanting liquid foodstuffs are available on request.

BARREL PUMPS

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	90,60
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SCU



3427T

Orig. 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	77,40
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h7



3428GB

3428GC

**Prod. SCU**

model with lever and pump body in polypropylene.

Threaded connection G 2".

Possibility of pumping by hand or with continuous flow system (siphon effect).

Max length of telescopic tube 1000 mm draught c.ca.

Provision for pumped 1 0.5. PVC corrugated pipe length. m 2.

For urea (AdBlue®), high viscosity oils, water-based liquids, detergents, soaps, washer fluid, antifreeze, lubricants, herbicides and pesticides.

Not suitable for motor fuel, thinners, solvents, etc.

3428GC Each **146,00**

BARREL PUMPS FOR CHEMICALS
3428GD

**Orig. Hallbauer**

Indicated for aggressive chemicals. Not apt for diluents and solvents. Bung adaptor G 2".

Polypropylene body with inside stainless steel rod and gaskets in special synthetic material. Ballgrip.

Output: 0.25l per stroke.

3428GD Each **67,50**

3428GDA



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 Each **181,00**

Adaptors for connecting threads 38-64mm, for Art. 3428 GD / 3428 GDA.

O3428G 1 Each **9,34**

Connecting thread "Tri-Sure 2", for Art. 3428 GD / 3428 GDA.

O3428G 2 Each **9,08**

3428GDB


new


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 pum stroke 0.20 l.

3428GDB Each **163,00**

3428GDC


new


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 pum stroke 0.20 l.

3428GDC Each **300,00**

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 Each **126,00**



3428GE

Special type for NITRO thinners and thinners for paints.
 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 **126,00**



3428GF

Prod. SCU

Indicated for very aggressive chemicals. Not apt for diluents and solvents.
 Bung adaptor 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 **590,00**



3428L

BATTERY ELECTRIC PUMPS

Prod. SCU

Pump in special synthetic material, highly corrosion-resistant, with metal parts in galvanized steel.
 Connecting thread M 64x4 and bung adaptor G 2". Hose connection Ø 18mm for suction pipe extension up to 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 **282,00**



3428P



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, 1.8m LONG, with clamps.
 Gun and 4m long tube. Output: 40l/min.

3428R Each **493,00**



3428R



SPARE PARTS FOR ELECTRIC PUMPS
3428RE**SCU****Prod. SCU**

Pump in special synthetic material, highly corrosion-resistant, with metal parts in galvanized steel. Connecting thread M 64x4 and bung adaptor G 2". Hose connection Ø 18mm for suction pipe extension up to 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	254,00
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3428S**SCU**

Indicated for naphtha and diesel fuel (not for gasoline or colza oil). 230 V monophase 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: 40l/min.

3428S	Each	679,00
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3428TG**hz****Orig. 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 monophase 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	802,00
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Digital liter-counter, with zerosetting and summation for Art. 3428 TG.

O3428TG 1	Each	342,00
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Non-resettable mechanical litre meter for Art. 3428 TG.

O3428TG 2	Each	162,00
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Product running out of stock

Spare automatic pistol for Art. 3428 TG.

O3428TG 3	Each	197,00
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3428TL**SCU****INOX****Prod. SCU**

Pump in special synthetic material, highly corrosion-resistant, with metal parts in stainless steel. Connecting thread M 64x4 and bung adaptor G 2". Hose connection Ø 18mm for suction pipe extension up to 1m. Intake filter. Rubber delivery tube, about 3m 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 oils, lubricants, glycol (anti-freeze), dielectric oils, heating oil, diesel oil, water and emulsions.

Output: 40l/min.

3428TL	Each	307,00
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The same pump but 12 V battery operated, with cables is available on request.

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 **1.100,00**

ADHESIVES, SEALING AGENTS AND GLUES

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 **13,70**



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 **13,70**



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 **13,70**



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 **17,30**



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 **13,70**



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 **9,32**



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 **14,40**

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 **10,80**

WASHING AND LUBRICATING SPRAY GUNS
3429A **SCU**


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 **15,70**

3429B **SCU**


Product description as Art. 3429A

With aluminium tank.

3429B Each **20,80**

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 **123,00**

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 **160,00**

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 **16,30**

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 **54,70**

Spare nozzle for Art. 3435 S.

O3435S Each **15,80**

SCU



3435S



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 **134,00**

Spare nozzle for Art. 3436 G.

O3436G Each **26,00**

ewo



3436G



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**

SCU



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 **16,30**

SCU

CE 3437C



Apt for spraying antinoise, underbody, bituminous, antivibrations products.

nickel-plated brass body, aluminium tank. Unified quick coupling.

Tank capacity: 1kg.

3437E Each **49,20**

Spare nozzle for Art. 3437 E.

O3437E Each **2,38**

SCU

3437E



3437G ewo**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	238,00
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Spare nozzle for Art. 3437 G.

O3437G	Each	14,90
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Plastic, flexible extension, length 700mm, for Art. 3437 G.

O3437GP	Each	19,30
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PAINT SPRAY GUNS**3440 SCU****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	31,80
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Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	1,2	1,5	2	2,5
O3440	Per series	5,84	5,84	5,84	5,84

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	95,30
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Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	1,2	1,5	1,9	2,5
O3440C	Per series	22,60	22,60	22,60	22,60

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	31,80
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Series nozzle/spout and adjusting plug see Art. 03440.

3442D SCU
3442E

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	80,20
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Series nozzle/spout and adjusting plug see Art. 03440 C.

Product description as Art. 3442D

Tank capacity: 1kg.

3442E	Each	81,80
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Series nozzle/spout and adjusting plug see Art. 03440 C.

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 **275,00**

Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	1,3	1,5	1,7	1,9	2,2
O3442GP	Per series	69,10	69,10	69,10	69,10	69,10

ewo

3442GP



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 **76,60**

Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	0,3	0,5	0,7
O3443	Per series	21,40	21,40	21,40

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 **166,00**

Spout-nozzle and adjusting plug series.

With nozzle Ø	mm	0,7	1	1,2
O3443G	Per series	52,20	52,20	52,20

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. Adjustable from 0 to 2.5 bar (Atm).

Direct connection to the handgrip of spray guns Ewo Art. 3442 GP and 3443 G or other devices having similar characteristics.

Inner/outer threaded connector G 1/4".

3443GE Each **43,40**

ewo

3443GE



ELECTRIC PAINT SPRAY GUNS
3444GA **SCU**

Prod. SCU

Professional model.

With double insulation approved by "TÜV" and "GS". Apt for paints, lakes, oils, disinfectants, insecticides. Adjustable spray up to 300 gr/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.

GUNS FOR SILICON, SEALING AND FIXING
3444M **SCU**

Prod. SCU

Made of steel. With clutch movement which grants high extrusion force. For cartridges of 280/310ml.

Without cartridge.

3444M Each **4,12**
3444M 1 **SCU**


Professional model with aluminium body. High-resistance hexagon-shaped pushing rod. Clutch movement with sealing drip-catching system. For cartridges of 280/310g.

Without cartridge.

3444M 1 Each **5,62**
3444M 5 **SCU**


Professional model with body in aluminium. Clutch movement, reinforced, with rotating cartridge holder. Epoxydic powder painting. For 280/310ml 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 280/310ml.

Without cartridge.

3444P Each **9,38**
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 280/310g.

Without cartridge.

3444P 1 Each **31,90**

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 280/310 ml cartridges.

Without cartridge.

3444PE Each **41,10**



Industrial model with very sturdy handle and lever. Clutch movement, with rotary cartridge holder and square lubricated rod which allows soft operation and powerful pressure. For cartridges of 280/310ml.

Without cartridge.

3444Q Each **94,10**

Product running out of stock



Operated by compressed air; high-performance industrial model, to be used with cartridge. Nickel-plated brass body, aluminium tank. For cartridges of 280/310ml.

Without cartridge.

3444R Each **74,80**



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 280/310 ml. Maximum power 300 Kgf. - 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 **351,00**

Battery and battery-charger available on request.



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 **4,60**

Package unit of 24 cartridges.



Cartridges of single-component polyurethane sealing, white, of 300ml, for building, carpentry, tinkers, etc. Can be painted over.

3444V Each **10,40**

Package unit of 12 cartridges.



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.

Equipped with mixing nozzle.

3444VE Each **13,70**

Package unit of 12 cartridges.



GUNS FOR POLYURETHANE FOAM

Prod. SCU

Light type with cast body, handle made from synthetic material and adjustment screw. Triple seal gasket made from PTFE. Suitable for cartridges Art. 3444 ZA - B.

3444Z Each **35,10**



POLYURETHANE FOAM CARTRIDGES

3444ZA




Prod. SCU

Polyurethane foam in screw cartridges of 750ml. Apt for fixing, refilling and insulating. According to B3 DIN 4102-1 standards. Can be used with gun Art. 3444 Z.

3444ZA	Each	9,90
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Package unit of 12 cartridges.

GUN-CLEANER CARTRIDGES

3444ZB




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	10,10
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Package unit of 12 cartridges.

COMPRESSED AIR DUSTING PISTOLS

3445




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	19,50
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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





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	5,20
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3445B





Product description as Art. 3445A

With extended straight pipe, length mm 300.

3445B	Each	6,82
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3445E





Product description as Art. 3445A

With safety nozzle.

3445E	Each	7,52
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3445F





Product description as Art. 3445A

With air intensifier (Venturi system).

3445F	Each	7,58
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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 **19,60**

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 **45,90**

Spare nozzles 1.5mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GB Each **1,88**

Spare extension 150mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GC Each **10,60**

Spare extension 250mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GC 1 Each **11,10**

Spare extension 400mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GC 2 Each **16,10**

Spare bent extension 150mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GD Each **10,50**

Spare bent extension 250mm for Art. 3445 - 3448 G - 3448 GB - 3448 GP.

O3448GD 1 Each **11,10**

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 **44,60**

For spare nozzles see Art. 3448 GZ_1

ewo



3448GE

Industrial type. 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 **30,30**

Spare barrel for Art. 3448 GL - 3448 GM - 3448 GT.

O3448GL Each **10,40**

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.

In Alu-elox alloy, protected against corrosion. Powerful spray with minimum consumption of compressed air. With bent barrel, 125mm long, removable, safety nozzle with silencer.

Unified quick coupling.

3448GM Each **54,90**

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.

Unified quick coupling.

3448GP	Each	16,50
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Spare bent extension 110mm for Art. 3448 GP.

O3448GR	Each	5,48
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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	38,70
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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	25,20
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For spare barrels see Art. O3448 GL.**3448GTP****ewo****Orig. Ewo - Art. 470-61**

FLAT NOZZLE. Made from 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	28,60
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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	27,10
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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	4,40
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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	7,08
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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	24,40
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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. Straight model.

ewo

3448GZA
new



Length	mm	150	300	450	800
3448GZA	Each	15,90	17,10	21,70	28,90

Product description as Art. 3448GZA

Bent model.

ewo

3448GZB
new



Length	mm	150	300	450	800
3448GZB	Each	16,50	19,50	23,50	31,10

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.

SCU

3449A



3449A	Each	7,76
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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.

SCU

3449A 4



3449A 4	Each	28,40
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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.

SCU

3449B



3449B	Each	13,20
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Product description as Art. 3449B

With straight barrel of 200mm.

SCU

3449E



3449E	Each	15,10
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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	10,30
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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. Non-removable silencer nozzle.

SCU

3449H



3449H	Each	21,10
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WASHING PISTOLS

Prod. SCU

For washing with water at medium pressure. Adjustable jet. Nozzle diameter: 2.5mm. Unified quick coupling

SCU

3449L



3449L	Each	39,10
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3454G**ewo****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	106,00
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Spare spouts for Art. 3454 G.

Bore Ø	mm	2	4
O3454G	Each	7,54	7,54

3455GA**ewo****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	175,00
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Spare spouts for Art. 3455 GA.

Bore Ø	mm	2	4	6
O3455GA	Each	7,54	7,54	6,90

3455GE**ewo****Orig. Ewo - Art. 412**

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	142,00
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Spare nozzle for Art. 3455 GE.

Bore Ø	mm	2	4
O3455GE	Each	8,44	8,44

3455L**SCU****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*new***ewo****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	82,30
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10

HAND PRESSURE GAUGES

Prod. SCU

1/10 graduations
Scale 0-12 Atm.
With rubber hose and coupling. Rubber protective cover for manometer.

3456 Each **10,60**

SCU



3456

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 **15,50**

SCU



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 **107,00**

ewo



3456G

Product description as Art. 3456G

With rubber hose and standard inflation nozzle.

3456GA Each **65,70**

ewo



3456GA

Product description as Art. 3456G

With rubber hose and nozzle complete with handle and extended rod.

3456GB Each **90,10**

ewo



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 **93,10**

ewo



3457G

3457GE
new


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	150,00
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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	170,00
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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	196,00
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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	184,00
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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	212,00
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Spare manometers for Art. 3458 GA e B.

O3458GC	Each	97,60
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Spare manometer for Art. 3458 GA 1 e B 1.

O3458GC 1	Each	97,60
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3459A
new


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	75,40
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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 **298,00**

ewo

3459G



IP54

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 **71,60**

ewo

3460GA
new



Product description as Art. 3460GA

Rubber hose; lever inflation nozzle with spring and quick coupling to gun Art. 3460 GA.

3460GB Each **27,70**

ewo

3460GB
new



Product description as Art. 3460GA

Rubber hose with 90° lever inflation nozzle and quick coupling to gun Art. 3460 GA.

3460GC Each **30,10**

ewo

3460GC
new



Product description as Art. 3460GA

Rubber hose with elongated inflation nozzle and quick coupling to gun Art. 3460 GA.

3460GE Each **45,70**

ewo

3460GE
new



Product description as Art. 3460GA

Inflation nozzle for bicycles and quick coupling for application to the gun Art. 3460 GA.

3460GF Each **12,70**

ewo

3460GF
new



PORTABLE FLOOR-TYRE INFLATOR-TESTER WITH AIR TANK

3461




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 7bar. Weight: 10kg.

Equipment complete with charging valve.

3461	Each	341,00
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Spare gun for Art. 3461.

O3461	Each	30,40
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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	1.140,00
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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	33,40
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3461GB

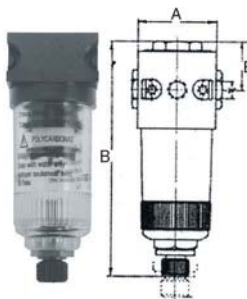



Spare inflator complete with hose for Art. 3461 G.

3461GB	Each	227,00
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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
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Dimensions (A)	mm	40
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Dimensions (B)	mm	110
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Dimensions (E)	mm	11
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3461GL	Each	27,30
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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	2,88
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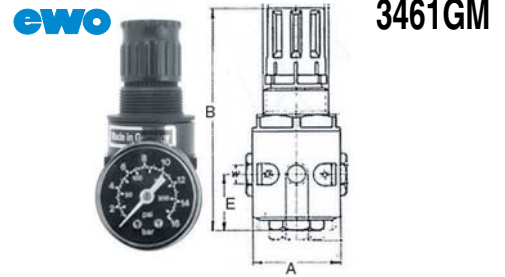
Orig. Ewo - Art. 461
AIRVISION L REGULATORS COMPRESSED AIR

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	46,80
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Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.

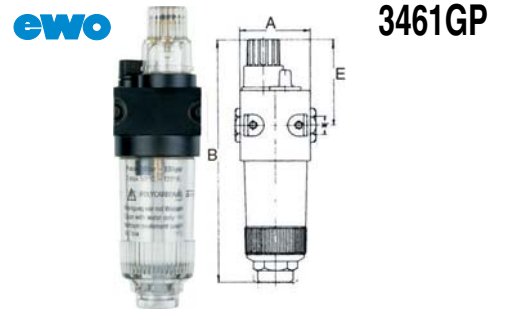

Orig. Ewo - Art. 462
AIRVISION L LUBRICATORS FOR COMPRESSED AIR

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	30,90
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Standard operating pressure: 6 bar (Atm).

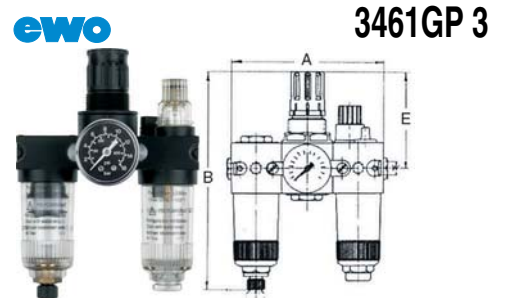

Orig. Ewo - Art. 465
AIRVISION L FILTER-REGULATOR-LUBRICATOR COMBINATIONS

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	110,00
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Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.

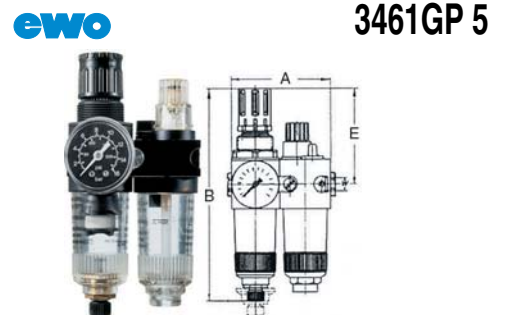

Orig. Ewo - Art. 464
AIRVISION L FILTER-REGULATOR-LUBRICATOR COMBINATIONS

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	94,50
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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	58,10
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Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.



AIRVISION COMBINATION AIR TREATMENT UNITS
3462GA**ewo****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	44,30	44,30	143,00
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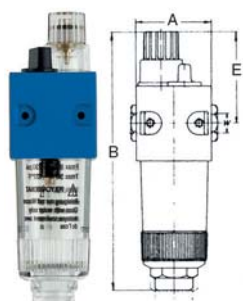
Standard operating pressure: 6 bar (Atm).**Size inch 3/4 is running out of stock****3462GE****ewo****Orig. Ewo - Art. 444-7444**

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	3/4
Dimensions (A)	mm	40	40	70
Dimensions (B)	mm	90	90	145
Dimensions (E)	mm	25	25	41

3462GE	Each	59,30	59,30	191,00
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Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.**Size inch 3/4 is running out of stock****3462GH****ewo****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	3/4	1
Dimensions (A)	mm	40	40	70	70
Dimensions (B)	mm	140	140	230	230
Dimensions (E)	mm	50	50	65	65

3462GH	Each	48,30	48,30	147,00	147,00
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Standard operating pressure: 6 bar (Atm).**Sizes inch 3/4 and 1 are running out of stock****3462GP****ewo****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	166,00	166,00	509,00
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Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.**Size inch 3/4 is running out of stock****3462GT****ewo****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	133,00	133,00
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Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.

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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	3/4	1
Dimensions (A)	mm	40	40	70	70
Dimensions (B)	mm	160	160	270	270
Dimensions (E)	mm	65	65	100	100
3462GV	Each	77,60	77,60	255,00	255,00

Standard operating pressure: 6 bar (Atm). Spare manometers are supplied on demand.
 Sizes inch 3/4 and 1 are running out of stock

ewo



3462GV

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 0.5 to 16 bar (Atm).

With manometer from 0 to 25 bar (Atm).

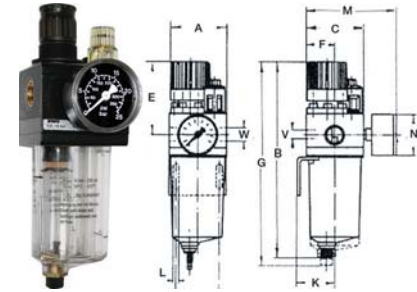
Porous filter in sintered bronze 50-75 µm.

Operating pressure range: 0 °C +50 °C.

Condensation manual drain valve.

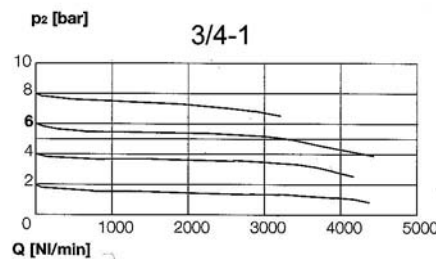
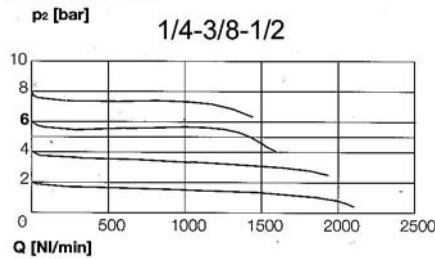
Drive	inch	1/4	3/8	1/2	3/4	1
3463GA	Each	185,00	185,00	185,00	284,00	284,00

ewo



3463GA

3463GA-GB - AIR FLOW QUANTITY 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

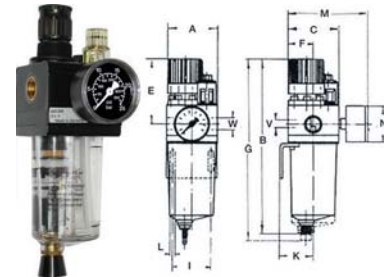
** con scarico automatico +10mm

Product description as Art. 3463GA

Condensation automatic drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GB	Each	218,00	218,00	218,00	317,00	317,00

ewo



3463GB

SPARE PARTS AND ACCESSORIES FOR COMBINATIONS 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	33,90	61,70

ewo



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	65,40	91,30

ewo



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	19,10	29,10

ewo



3463GP

3463GPE



Product description as Art. 3463GF
Brackets complete with screws.

Type		1	2
3463GPE	Each	7,18	13,10

VARIOBLOC FILTERS FOR COMPRESSED AIR

3463GS



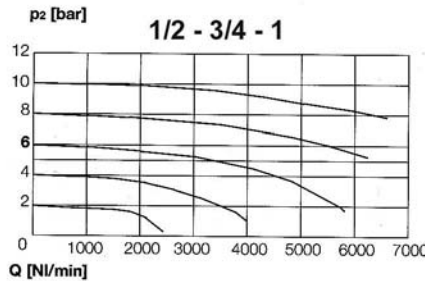
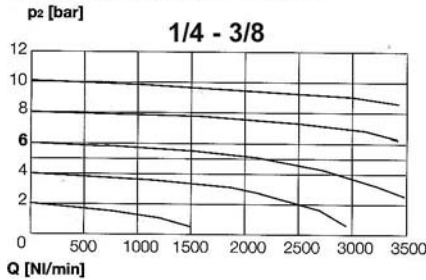
Orig. Ewo - Art. 482

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	93,50	93,50	135,00	135,00	183,00

3463GS-GSA-GSP-GSPA - AIR FLOW QUANTITY Q



Misure in mm	1/4-3/8	1/2-3/4	1
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	127,00	127,00	168,00	168,00	216,00

3463GSP



The newly designed modular filter, can be used individually or as part of the Art groups. 3464 GCP-GCPA 3464. 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	53,20	53,20	89,10	89,10	138,00

3463GSPA



Product description as Art. 3463GSP
With automatic condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GSPA	Each	86,50	86,50	123,00	123,00	171,00

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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 0.5 to 10 bar (Atm).

Working temperature up to 50 °C.

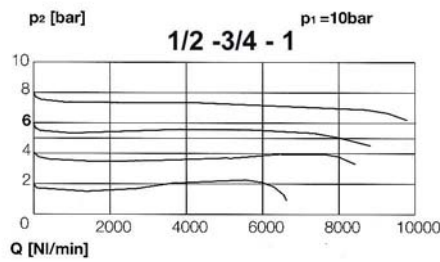
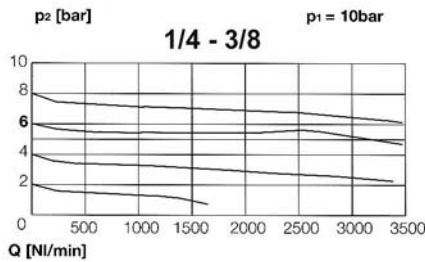
Drive	inch	1/4	3/8	1/2	3/4	1
3463GT	Each	76,70	76,70	110,00	110,00	158,00



3463GT



3463GT - AIR FLOW QUANTITY 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.

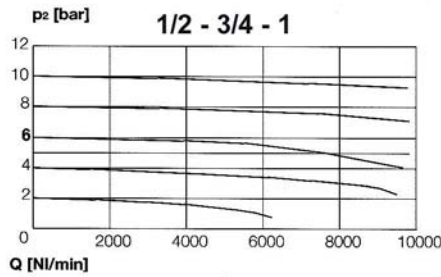
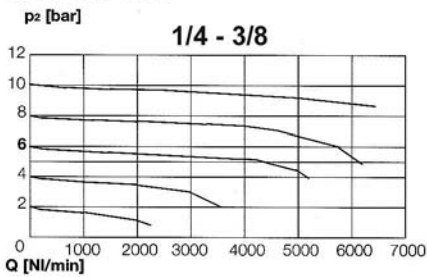
Drive	inch	1/4	3/8	1/2	3/4	1
3463GV	Each	116,00	116,00	157,00	157,00	206,00



3463GV



3463GV-GVP - AIR FLOW QUANTITY 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 groups. 3464 GCP- 3464-3464 GCPA 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	64,90	64,90	99,60	99,60	148,00

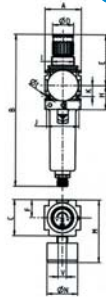


3463GVP



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.

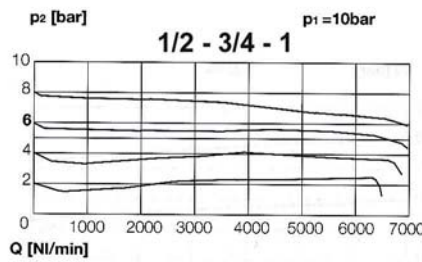
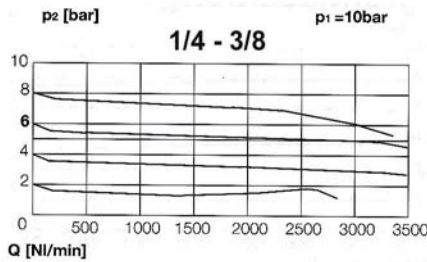
Manometer range: 0-16 bar (Atm).

Adjustable from 0.5 to 10 bar (Atm).

Manual condensation drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GZ	Each	146,00	146,00	212,00	212,00	260,00

3463GZ-GZA-GZP-GZPA - AIR FLOW QUANTITY Q

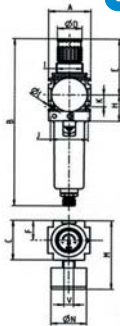


Misure in mm

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

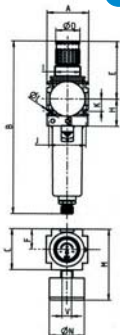


Product description as Art. 3463GZ

Automatic condensation drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GZA	Each	179,00	179,00	245,00	245,00	293,00

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.

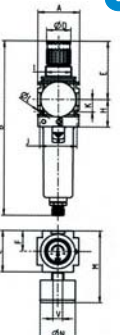
Pressure gauge with scale from 0 to 16 bar (Atm).

Adjustment capacity from 0.5 to 10 bar (Atm).

With manual condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GZP	Each	106,00	106,00	166,00	166,00	214,00

3463GZPA



Product description as Art. 3463GZP

With automatic condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3463GZPA	Each	139,00	139,00	199,00	199,00	247,00

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Prices in EURO - VAT not included

VARIOBLOC COMBINATION AIR TREATMENT UNITS

Orig. Ewo - Art. 489

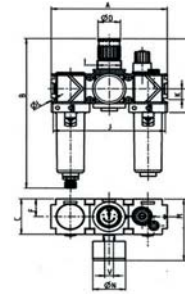
3-pieces combination. New modular combination with small overall dimensions. Technique and components materials grant the best performances for air filtering-regulation and lubrication. Filter, regulator and nebulizer are assembled in the order indicated by the arrows printed on the unit. Metal glass, 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 0.5 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	300,00	300,00	427,00	427,00	476,00

ewo

3464GC

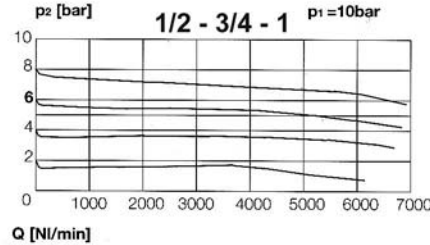
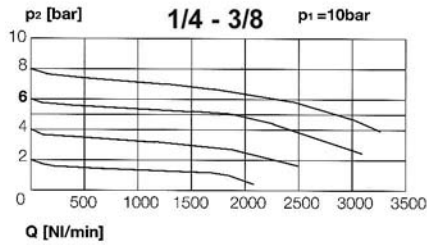


Misure in mm

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	G1/4	G1/4	G1/4

** con scarico automatico +10mm

3464GC-GCA-GCP-GCPA - AIR FLOW QUANTITY Q



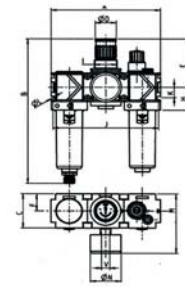
Product description as Art. 3464GC

Automatic condensation drain valve.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GCA	Each	332,00	332,00	460,00	460,00	508,00

ewo

3464GCA



Groups of 3 units. Newly developed modular construction with reduced dimensions.

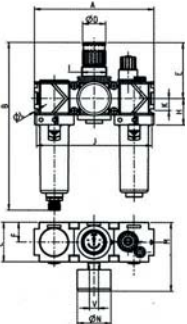
The technique and materials of the components ensures the best performance-reducing and filtering air lubrication. Filter, regulator and lubricant are installed in the order indicated by arrows imprinted on the group. Polycarbonate tumblers, unbreakable, with quick release, to withstand temperatures 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 0.5 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	209,00	209,00	324,00	324,00	372,00

ewo

3464GCP



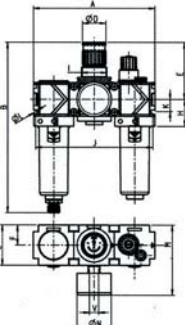
Product description as Art. 3464GCP

With automatic condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GCPA	Each	242,00	242,00	361,00	361,00	408,00

ewo

3464GCPA



3464GF



Orig. Ewo - Art. 488

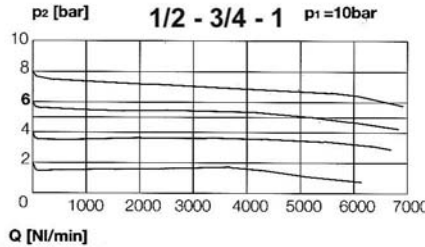
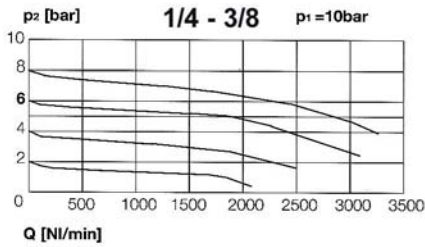
2-pieces combination. Compact model for small places. New modular combination. Metal glass, quick-release, which can stand very aggressive synthetic oils, temperatures up to 50°C and stronger pressures up to 20 bar. Metal oil regulator.

Manometer range: 0-16 bar (Atm). Adjustable from 0.5 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	268,00	268,00	375,00	375,00	423,00

3464GF-GFA-GFP-GFPA - AIR FLOW QUANTITY 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	301,00	301,00	408,00	408,00	456,00

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 0.5 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	178,00	178,00	278,00	278,00	326,00

3464GFPA



Product description as Art. 3464GFP

With automatic condensation drain.

Drive	inch	1/4	3/8	1/2	3/4	1
3464GFPA	Each	211,00	211,00	311,00	311,00	359,00

Orig. Ewo - Art. 480

SPARE PARTS AND ACCESSORIES FOR VARIOBLOC COMBINATIONS (Art. 3463 GA-B excluded)

Spare metal glasses for filters with manual valve with connection 1/4-3/8 inches.

3464GR 1 Each **62,20**



3464GR 1

Product description as Art. 3464GR 1

Spare polycarbonate Belleville washers for filters with manual valve, 1/4-3/8 inch coupling.

3464GR 1P Each **20,90**



3464GR 1P

Product description as Art. 3464GR 1

Spare metal glasses for filters with manual valve with connection 1/2-3/4 inches.

3464GR 2 Each **75,40**



3464GR 2

Product description as Art. 3464GR 1

Spare polycarbonate Belleville washers for filters with manual valve, 1/2-3/4-1 inch coupling.

3464GR 2P Each **27,40**



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 **95,70**



3464GR 3

Product description as Art. 3464GR 1

Spare polycarbonate Belleville washers for filters with automatic internal valve, 1/4-3/8 inch coupling.

3464GR 3P Each **54,30**



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 **109,00**



3464GR 4

Product description as Art. 3464GR 1

Spare polycarbonate Belleville washers for filters with automatic internal valve, 1/2-3/4-1 inch coupling.

3464GR 4P Each **60,80**



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	56,70
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3464GR 5P ewo



Product description as Art. 3464GR 1

Spare polycarbonate Belleville washers for lubricators, 1/4-3/8 inch coupling.

3464GR 5P	Each	15,40
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3464GR 6 ewo



Product description as Art. 3464GR 1

Spare metal glasses for lubricators with connection 1/2-3/4 inches.

3464GR 6	Each	70,20
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3464GR 6P ewo

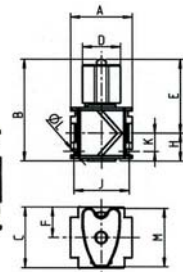


Product description as Art. 3464GR 1

Spare polycarbonate Belleville washers for lubricators, 1/2-3/4-1 inch coupling.

3464GR 6P	Each	22,20
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3464GRA ewo



Orig. Ewo - Art. 487

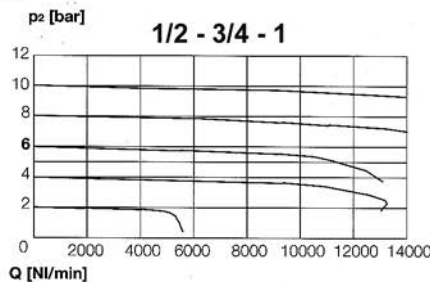
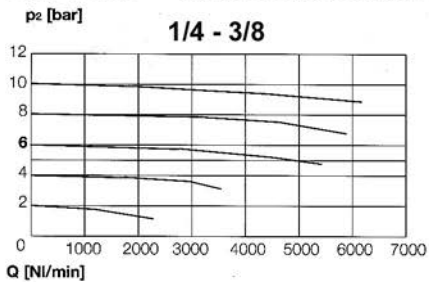
Product description as Art. 3464GR 1

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	59,50	59,50	89,20	89,20	130,00

On demand, DRAIN ELECTROVALVES, PROGRESSIVE STARTERS AND AIR DISTRIBUTORS WITH OR WITHOUT CHECK VALVE.

3464GRA - AIR FLOW QUANTITY Q



sizes 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

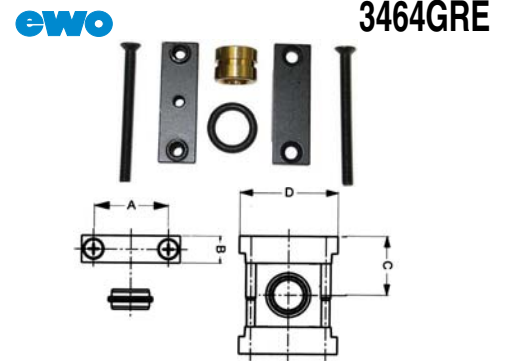
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Orig. Ewo - Art. 480

Product description as Art. 3464GR 1

Sets of modular COMPACT joints with gaskets.

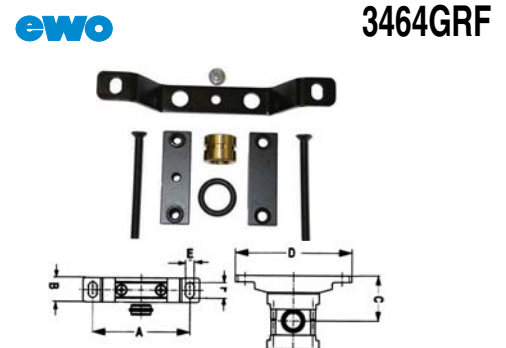
Drive	inch	1/4	3/8	1/2	3/4-1
Dimensions (A)	mm	30,4	30,4	41,6	41,6
Dimensions (B)	mm	11	11	16	16
Dimensions (C)	mm	24	24	29	29
Dimensions (D)	mm	40	40	52	52
3464GRE	Each	5,48	9,24	10,80	10,80



Product description as Art. 3464GR 1

Sets of modular COMPACT joints with gaskets and wall bracket.

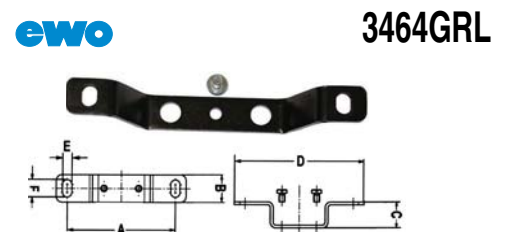
Drive	inch	1/4	3/8	1/2	3/4-1
Dimensions (A)	mm	75	75	110	110
Dimensions (B)	mm	19	19	16	16
Dimensions (C)	mm	35	35	55	55
Dimensions (D)	mm	90	90	130	130
Dimensions (E)	mm	6,5	6,5	6,5	6,5
Dimensions (F)	mm	12	12	9,5	9,5
3464GRF	Each	10,40	10,40	19,90	19,90



Product description as Art. 3464GR 1

Wall brackets for modular COMPACT joints.

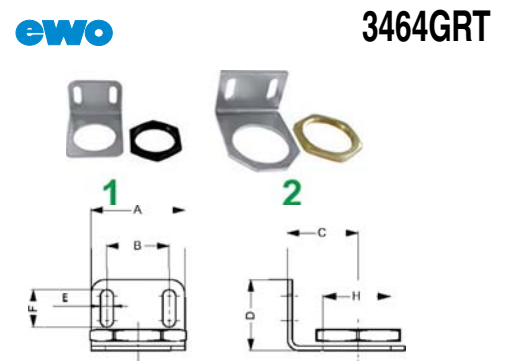
Type		1	2
Drive	inch	1/4-3/8	1/2-3/4-1
Dimensions (A)	mm	75	110
Dimensions (B)	mm	16	16
Dimensions (C)	mm	14	26
Dimensions (D)	mm	90	130
Dimensions (E)	mm	6,5	6,5
Dimensions (F)	mm	9,5	9,5
3464GRL	Each	5,02	9,32


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.

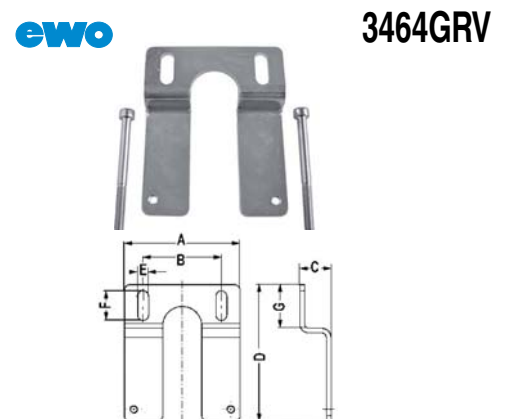
Type		1	2
Drive	inch	1/4-3/8	1/2-3/4-1
Dimensions (A)	mm	40	55
Dimensions (B)	mm	26,5	35
Dimensions (C)	mm	30	42,5
Dimensions (D)	mm	30	40
Dimensions (E)	mm	5,5	7
Dimensions (F)	mm	16	20
Dimensions (H)	mm	30,5	43
3464GRT	Each	7,36	12,20


Orig. Ewo - Art. 480

Product description as Art. 3464GR 1

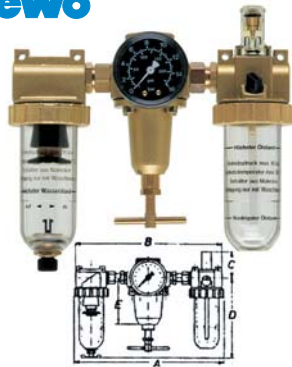
Brackets complete with screws to mount gearboxes, filters, lubricators and assemblies.

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	14,70	15,60



EWO TOP PROFESSIONAL COMBINATION AIR TREATMENT UNITS

3465G ewo



Orig. Ewo - Art. 333-334

FILTER - REGULATOR - LUBRICATOR COMBINATION

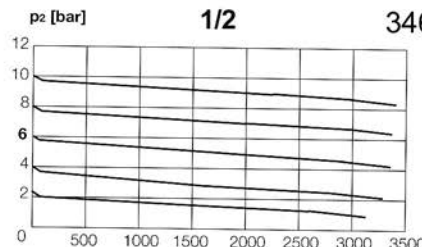
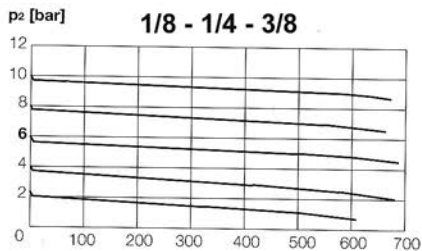
Product which is high-qualified for its material and for the fine working of all its details. These combinations grant constant filtering and lubrication both at high and low pressures. They are installed upstream of the pneumatic circuit. Filter, regulator and lubricator must be assembled in the order 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.

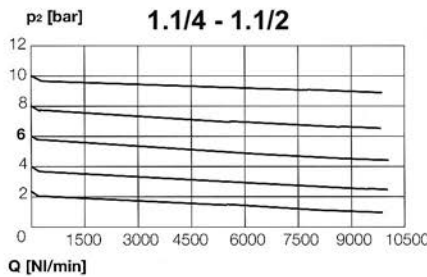
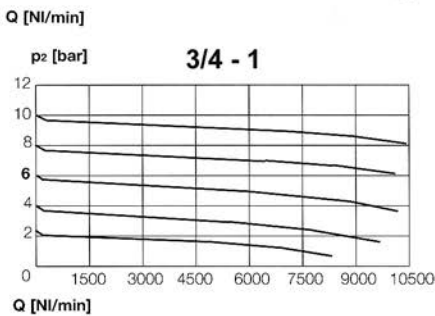
Drive	inch	1/8	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2
Series		klein	klein	klein	mittel	gross	gross	max	max
Gauge Ø	mm	50	50	50	63	63	63	63	63
Filter porosity	micron	50/75	50/75	50/75	50/75	50/75	50/75	50/75	50/75
Lubricant content	cc	40	40	40	135	360	360	360	360
3465G	Each	200,00	200,00	200,00	323,00	857,00	857,00	1.390,00	1.390,00

On demand: metal glasses and metal oil regulators.

Available on request GROUPS AND COMPONENTS for compressed air in STAINLESS STEEL AISI 316.



3465G - AIR FLOW QUANTITY Q



Sizes 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 ewo



Orig. Ewo - Art. 322

SPARE PARTS AND ACCESSORIES FOR COMBINATIONS 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	53,60	53,60	53,60	101,00	269,00	269,00	386,00
Drive	inch	1.1/2						
3465GA	Each	386,00						

On demand: metal glasses.

3465GB ewo



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	77,80	77,80	77,80	111,00	310,00	310,00	561,00
Drive	inch	1.1/2						
3465GB	Each	561,00						

On demand: spare manometers.

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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	59,40	59,40	59,40	102,00	243,00	243,00	380,00
Drive	inch	1.1/2						
3465GC	Each	382,00						

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	20,70	20,70	20,70	35,50	70,50	70,50	70,50
Drive	inch	1.1/2						
3465GD 1	Each	70,50						



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	14,80	14,80	14,80	28,60	62,40	62,40	62,40
Drive	inch	1.1/2						
3465GD 2	Each	62,40						



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	38,10	38,10	38,10	53,60	106,00	106,00	106,00
Drive	inch	1.1/2						
3465GE	Each	106,00						



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	2,70	2,88	3,06	3,86	9,68	16,10	25,10
Drive	inch	1.1/2						
3465GF	Each	25,10						



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.

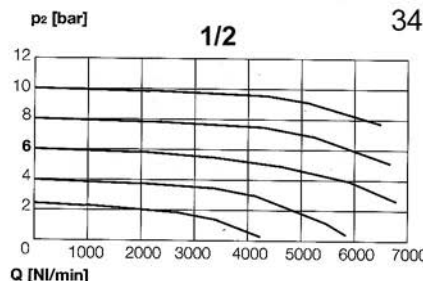
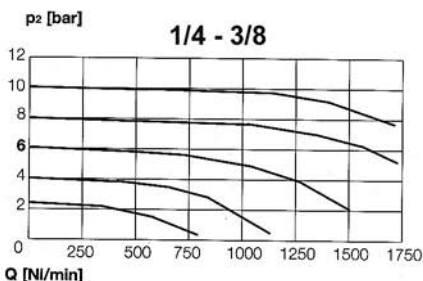
Drive	inch	1/4	3/8	1/2
Dimensions (A)	mm	56	56	87
Dimensions (B)	mm	57	57	80
Dimensions (C)	mm	19	19	24
Dimensions (D)	mm	225	225	261
Series		klein	klein	mittel
3468G	Each	126,00	126,00	173,00

**For spare glass see Art. 3465 GD 1.
Standard operating pressure 6bar (Atm).**



3468G

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3468G - AIR FLOW QUANTITY Q

Misure in mm			
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 **39,40**

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 **82,30**

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 **18,10**

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.

Made of 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	53,40	53,40

FILTERS FOR COMPRESSED AIR UP TO 40 BAR

3470GT



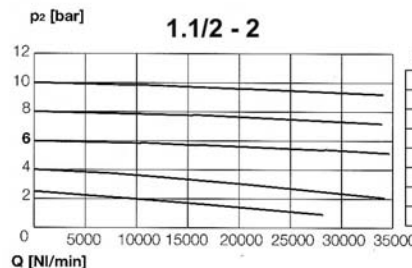
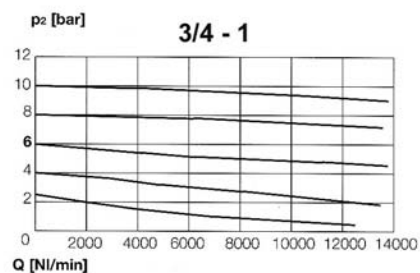
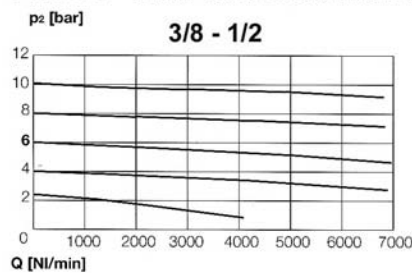
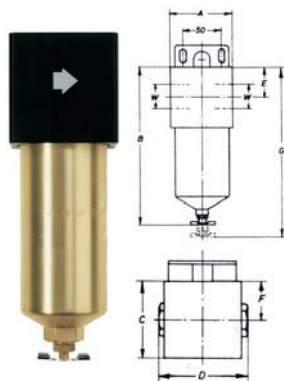
Orig. Ewo - Art. 445-454

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	227,00	227,00	263,00	263,00	1.030,00	1.030,00

Available on request purifier filters for compressed air up to 60 BAR fitting 3/4-1 inches.

3470GT - AIR FLOW QUANTITY Q



sizes in mm						
Da	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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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.

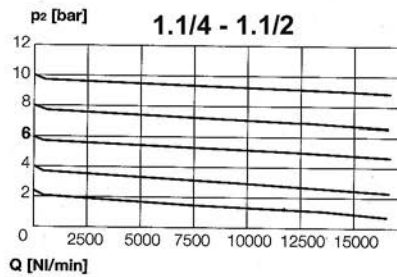
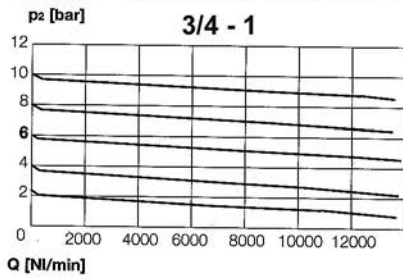
Drive	inch	3/4	1	1.1/4	1.1/2
3471G	Each	310,00	310,00	561,00	561,00



3471G

Compressed air pressure regulators for up to 60 BAR, 1 inch connection, available on request.

3471G - AIR FLOW QUANTITY Q



sizes 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.

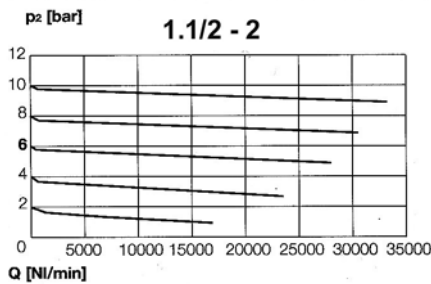
Drive	inch	1.1/2	2
3471GP	Each	971,00	971,00



3471GP

Compressed air pressure regulators for up to 60 BAR, 1 inch connection, available on request.

3471GP - AIR FLOW QUANTITY Q



sizes in mm

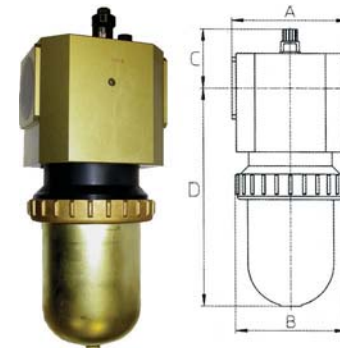
Da	1,1/2	2
A	180	160
C	78	78
D	170	170

LUBRICATORS FOR COMPRESSED AIR UP TO 25 BAR

Orig. Ewo - Art. 457

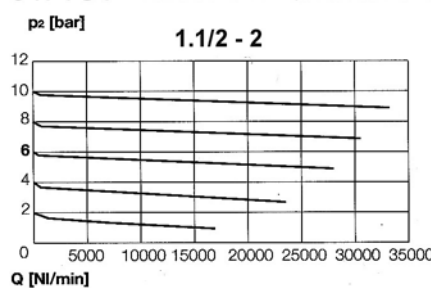
For very high pressures up to 24 bar. Oil can be refilled also under pressure. Aluminium body, glass and oil regulator made of metal and resistant to very aggressive synthetic oils, high temperatures up to 80°C and strong pressures up to 25 bar.

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	1.070,00	1.070,00



3471GT

3471GT - AIR FLOW QUANTITY Q



sizes in mm

Da	1,1/2	2
A	140	140
B	140	140
C	72	72
D	360	360



SILENCERS FOR COMPRESSED AIR CIRCUITS

3472G



Orig. Ewo - Art. 391

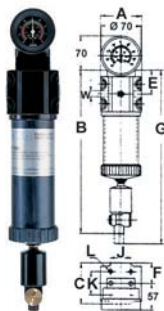
High-performance silencer for maximum capacity and silentness of air draining. Metal body with internal, polyester filter. Axial one-direction air output to grant the operators' safety. Easy to remove and washable with gasoline.

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 noiseleness	dB	88	88	88	89	91	92
3472G	Each	72,90	77,40	112,00	116,00	190,00	193,00

SPARE PARTS FOR EWOBLOC BIG AIR TREATMENT UNITS, FILTER SYSTEMS V -M - A

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.

Size in mm

From	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

** with space for the substitution of the cartridge

3473GA - AIR FLOW QUANTITY Q

Air flow quantity Q

in Nm3 (NI/min) gauging at a pressure of 6 bar and at a differential pressure of 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.

Sizes in mm

From	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
Weight g.	2.100	2.300	4.800

** with space for the substitution of the cartridge

3473GB - AIR FLOW QUANTITY Q

Air flow quantity Q

in Nm3 (NI/min) gauging at a pressure of 6 bar and at a differential pressure of 0,1 bar

Da	1/4-3/8	1/2-3/4	1
Q	78 (1300)	120 (2000)	245 (4080)

10

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.

With manual drain valve, without manometer.

Drive	inch	1/4	3/8	1/2	3/4	1
3473GC	Each	279,00	279,00	334,00	334,00	505,00



3473GC



Size in mm

From	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
Weight g.	1.890	2.090	4.590

** with space for the substitution of the cartridge

3473GC - AIR FLOW QUANTITY Q

Air flow quantity Q
in Nm³ (NI/min) gauging at a pressure of 6 bar
and at a differential pressure of 0,12 bar

From	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.

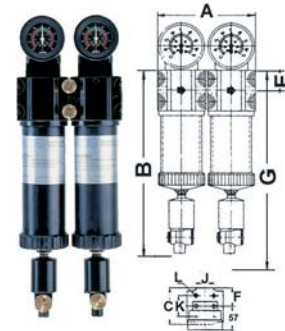
2-PIECES FILTER COMBINATION

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



3473GE



Sizes in mm

From	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
Weight g.	4.200	4.600	9.600

** with space for the substitution of the cartridge

3473GE - AIR FLOW QUANTITY Q

Air flow quantity Q
in Nm³ (NI/min) gauging at a pressure of 6 bar
and at a differential pressure of 0,1 bar

From	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



3473GF



Size in mm

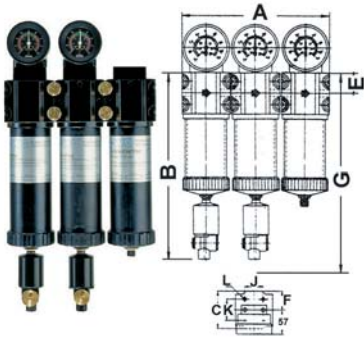
From	1/4-3/8	1/2-3/4	1
A	166	166	236
B	335	405	420
C	83	83	118
E	57	57	72
F	41,5	41,5	59
G**	410	550	430
J	40	40	70
K	48	48	80
L	M6	M6	M8
Weight g	3.990	4.390	9.390

3473GF - AIR FLOW QUANTITY Q

Air flow quantity Q
in Nm³ (NI/min) gauging at a pressure of 6 bar
and at a differential pressure of 0,12 bar

Da	1/4-3/8	1/2-3/4	1
Q	30 (500)	60 (1000)	90 (1500)

3473GL



Orig. Ewo - Art. 434

3-PIECES FILTER COMBINATION

Combination of 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

Sizes in mm

From	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
Weight g.	6.090	6.690	14.190

3473GL - AIR FLOW QUANTITY Q

Air flow quantity Q

in Nm³ (NI/min) gauging at a pressure of 6 bar and at a differential pressure of 0,12 bar

From	1/4-3/8	1/2-3/4	1
Q	30 (500)	60 (1000)	90 (1500)

3473GP 1



Orig. Ewo - Art. 429

SPARE FILTERS FOR FILTER COMBINATIONS ART. 3473 GA-B-C-E-F-L.

In sintered polyethylene for combinations with connection 1/4 - 3/8.

3473GP 1	Each	90,70
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3473GP 2



Product description as Art. 3473GP 1

In sintered polyethylene for combinations with connection 1/2 - 3/4.

3473GP 2	Each	109,00
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3473GP 3



Product description as Art. 3473GP 1

In sintered polyethylene for combinations with connection 1.

3473GP 3	Each	141,00
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3473GR 1



Orig. Ewo - Art. 430

Product description as Art. 3473GP 1

In borosilicate for combinations with connection 1/4 - 3/8.

3473GR 1	Each	90,70
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3473GR 2



Product description as Art. 3473GP 1

In borosilicate for combinations with connection 1/2 - 3/4.

3473GR 2	Each	109,00
-----------------	------	--------

3473GR 3



Product description as Art. 3473GP 1

In borosilicate for combinations with connection 1.

3473GR 3	Each	141,00
-----------------	------	--------

3473GS 1



Orig. Ewo - Art. 431

Product description as Art. 3473GP 1

In activated carbon for combinations with connection 1/4 - 3/8.

3473GS 1	Each	90,70
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Product description as Art. 3473GP 1

In activated carbon for combinations with connection 1/2 - 3/4.

3473GS 2 Each **109,00**



3473GS 2

Product description as Art. 3473GP 1

In activated carbon for combinations with connection 1.

3473GS 3 Each **141,00**



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 **137,00**



3473GT

Orig. Ewo - Art. 429

SPARE FIXING BRACKETS FOR FILTER COMBINATIONS ART. 3473 GA-B-C-E-F-L.

For combinations with connection 1/4 - 3/8 - 1/2 - 3/4.

3473GV 1 Each **11,70**



3473GV 1
3473GV 2

Product description as Art. 3473GV 1

For combinations with connection 1

3473GV 2 Each **14,70**

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	Per pack	0,78	0,78	0,68	0,68	1,22	1,22	1,66	1,66

Overall length	mm	200B	200N
3473H	Per pack	1,72	1,72

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	Per pack	1,68	1,70	2,62	2,62	3,76	3,76	5,56	5,56

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	Per pack	2,98	2,98	3,12	3,12	4,06	4,06	5,20	5,20

Overall length	mm	360B	360N	430B	430N	530B	530N
3473M	Per pack	6,22	6,22	9,94	9,94	14,10	14,10

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	Per pack	7,48	7,48	8,70	8,70	10,30	10,30	12,30	12,30

Overall length	mm	450B	450N	540B	540N	750B	750N
3473P	Per pack	24,60	25,80	32,60	34,30	40,90	42,80

Product description as Art. 3473H

Width: 9mm. Package unit of 100pcs not sold separately.

Overall length	mm	430B	430N	550B	550N	780B	780N
3473PE	Per pack	29,70	31,20	35,10	37,20	48,80	51,60

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	Per pack	14,90	15,70	24,30	25,70	31,20	32,70	45,70	47,90



3473H
3473L
3473M
3473P
3473PE
3473PF



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REUSABLE NYLON CABLE TIES

3473PS



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	66,06
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3473PT



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	66,04
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NYLON CABLE TIES WITH STAINLESS STEEL CATCH

3473RA
3473RB
3473RF
3473RL



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	Per pack	3,90	4,08	10,80	11,30

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	Per pack	5,76	6,00	11,20	11,70	20,70	21,70

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	Per pack	15,40	16,10	29,20	30,70	33,10	34,70

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	Per pack	16,60	25,50	26,80

Size 220B is running out of stock

REUSABLE NYLON CABLE TIES

3473S



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	Per pack	8,34	8,34	9,86	9,86	12,10	12,10	14,20
Overall length	mm	300N	370B	370N				
3473S	Per pack	14,20	17,10	17,10				

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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	Per pack	10,40	12,60	15,70	24,70	35,10	68,40	91,30



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	37,30



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	31,10



Industrial automatic model with adjustable traction to clamp and cut. Completely made of steel. For cable ties of 2.2 - 4.8mm of width.

Overall length	mm	165
3473VE	Each	56,80



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	20,10



BAND, NYLON CABLE TIES

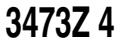
Prod. SCU

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	Per pack	22,90
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Product running out of stock



Product description as Art. 3473Z 4. Band width: 7mm. In packages of 20m, not sold separately.

3473Z 7	Per pack	26,20
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Product running out of stock



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	Per 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	Per pack	21,60
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Product running out of stock

INOX CABLE TIES

3473ZE SCU
new



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. utile	mm	50	69	102	152	203	254	305
3473ZE	Per pack	148,00	159,00	171,00	215,00	296,00	356,00	444,00

3473ZF SCU
new



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. utile	mm	50	69	102	152	203	254	305
3473ZF	Per pack	163,00	168,00	178,00	260,00	368,00	427,00	521,00

On request is available hand tool with a cutting device for cable ties Art. 3473-ZE ZF.

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

3474BN SCU



INOX

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	10-16	12-20	16-25	20-32	25-40	32-50	40-60
3474BN	Each	0,42	0,42	0,42	0,46	0,48	0,52	0,54	0,60

Capacity	mm	50-70	60-80	70-90	80-100	90-110	100-120	110-130
3474BN	Each	0,64	0,70	0,74	0,78	0,86	0,86	0,86

3474CN SCU



INOX

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	0,78	0,78	0,84	0,84	0,86	0,88

Capacity	mm	60-80	70-90	80-100	90-110	100-120	110-130	120-140
3474CN	Each	1,32	1,40	1,52	1,56	1,60	1,62	1,76

Capacity	mm	130-150	140-160	150-170	160-180	170-190	180-200
3474CN	Each	1,80	1,84	1,86	1,86	2,08	2,24

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	10-16	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	1,42	1,48	1,54	1,62	1,66
Capacity	mm	110-130						
3474EN	Each	1,80						

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	1,32	1,32	1,38	1,50	1,50	1,56
Capacity	mm	60-80	70-90	80-100	90-110	100-120	110-130	120-140
3474FN	Each	1,88	2,02	2,14	2,42	2,52	2,52	2,62
Capacity	mm	130-150	140-160	150-170	160-180	170-190	180-200	
3474FN	Each	2,76	2,84	2,94	3,04	3,62	3,98	

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	10-16	12-20	16-25	20-32	25-40	32-50
3474G	Each	1,24	1,30	1,32	1,48	1,52	1,60	1,68
Capacity	mm	40-60	50-70	60-80	70-90	80-100		
3474G	Each	1,76	1,86	1,94	2,04	2,12		

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	2,10	2,16	2,26	2,26	2,38	2,50	2,62
Capacity	mm	60-80	70-90	80-100	90-110	100-120	110-130	120-140
3474H	Each	2,98	3,12	3,26	3,38	3,50	3,64	3,78
Capacity	mm	130-150	140-160	150-170	160-180	170-190	180-200	
3474H	Each	3,88	4,02	4,02	4,26	4,26	4,26	

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	0,32	0,32	0,32	0,32	0,32	0,32	0,32
Capacity	mm	14-16	15-17	16-18	17-19	18-20	19-21	
3474L	Each	0,32	0,32	0,32	0,32	0,32	0,32	

3474L


BAND, HOSE CLAMPS

Prod. SCU

Suitable for frequent clamping, non-heavy applications. Suitable 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	0,64
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3474LG


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 agruculture, 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	1,36	1,36	1,40	1,44	1,82	1,88	1,88
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	1,90	1,92	1,94	2,00	2,02	2,14	2,18
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	2,26	2,30	2,34	2,36	2,44	2,74	3,78
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	3,86	3,98	4,16	4,20	4,32	4,62	

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	3,64	3,64	3,64	3,64	6,02	6,06	6,12
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	6,16	6,20	6,30	6,34	6,38	6,44	6,48
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	6,54	6,62	6,72	6,76	6,80	6,86	6,90
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	7,04	7,12	7,22	7,32	7,40	7,54	

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:

- No.20 hose clamps Art. 3474 BN 8-12
- No.30 hose clamps Art. 3474 BN 10-16
- No.20 hose clamps Art. 3474 BN 12-20
- No.20 hose clamps Art. 3474 BN 16-25
- No.10 hose clamps Art. 3474 BN 20-32.

Complete set.

3474PA	Each	55,20
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3474PE SCU



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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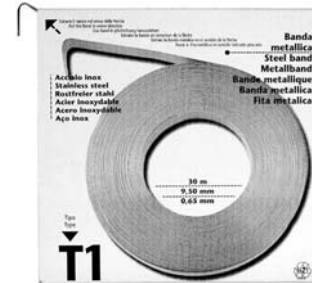
BAND, HOSE CLAMPS

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	Per pack	22,90	25,90	39,80	48,10	51,30

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	Per pack	25,10	28,60	44,20	53,10	56,70

SCU INOX 3474RE



Band type hose clamps and fastening claws in stainless steel AISI 316 available on request.

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	Per pack	13,10	14,40	22,20	25,90	27,30

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	Per pack	57,10
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SCU INOX 3474SE



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	157,00
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SCU 3474T



HOSE CLAMPS WITH RUBBER

3474V

SCU

INOX

**Prod. SCU**

In stainless steel 430 (W 3). Shaped band coated with anti-vibration 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	0,78
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	0,78	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	1,52	1,78	1,90	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	0,12	0,12	0,12	0,12
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	0,12	0,12	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	0,16	0,18	0,20	0,20	0,20	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	0,34	0,34	0,34	0,34	0,34
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	0,42	0,42	0,42	0,42	0,60	0,62	0,62
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	0,64	0,64	0,64	0,64	0,64	0,64	0,66
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	0,90	0,90	0,90				

For continuous and perfect clampings see pliers Art. 283 GL.

CLICK HOSE CLAMPS

3474VL

SCU

**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.

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	0,44	0,44	0,44	0,44	0,44	0,44	0,44
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	0,44	0,44	0,44	0,44	0,44	0,44	0,44
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	0,44	0,44	0,44	0,44	0,44	0,44	0,54
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	0,54	0,54	0,54	0,54	0,54	0,54	0,54
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	0,54	0,54	0,54	0,54			

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.

SCU

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	Per pack	13,30	14,70	15,40	16,20	17,00	17,20	17,60
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	Per pack	17,70	19,70	26,20	23,60	14,40	16,10	17,90
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	Per pack	18,80	20,90	21,80	23,70			

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). Straight type with 2 internal threads.

ewo

3475

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



FILTRO

Prod. SCU

In pressed brass, nickel-plated. For compressed air up to 10 bar (Atm). Elbow with internal and external thread.

SCU

3475A

Thread Ø	inch	1/4	3/8	1/2
3475A	Each	1,90	3,14	4,58



Product description as Art. 3475A

Union T with 2 internal threads and 1 external thread.

SCU

3475B

Thread Ø	inch	1/4	3/8	1/2
3475B	Each	2,76	4,18	6,78



Product description as Art. 3475A

Cross with 4 internal threads.

SCU

3475C

Thread Ø	inch	1/4	3/8
3475C	Each	3,88	5,72



Product description as Art. 3475A

Nipples with external threading.

SCU

3475E

Thread Ø	inch	1/4x1/4	1/4x3/8	3/8x3/8	3/8x1/2	1/2x1/2
3475E	Each	0,72	1,12	1,14	1,88	2,30



Product description as Art. 3475A

Coupling with internal thread.

SCU

3475F

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	0,86	1,44	2,32	0,86	1,28	2,32	1,22
Thread Ø	inch	3/8-1/2	1/2-1/2					
3475F	Each	2,32	2,14					



Product description as Art. 3475A

Reducer with external and internal thread.

SCU

3475G

Thread Ø	inch	1/4x1/4	1/4x3/8	3/8x3/8	3/8x1/2
3475G	Each	0,88	1,30	1,34	2,12



Product description as Art. 3475A

Threaded cap.

SCU

3475H

Thread Ø	inch	1/4	3/8	1/2
3475H	Each	0,62	0,94	1,56



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
GAS thread Ø	inch.	1/8	1/8	1/4	1/4	1/4	3/8	3/8
Rubber holder Ø	mm	4	6	4	6	9	6	9
Overall length	mm	33	36	36	40	40	42	42
Hexagonal opening	mm	12	12	17	17	17	19	19
3476A	Each	2,52	2,60	2,88	2,96	3,24	3,68	3,68
Size		8	9	10	11	12	13	14
GAS thread Ø	inch.	3/8	1/2	1/2	1/2	3/4	3/4	3/4
Rubber holder Ø	mm	13	6	9	13	9	13	19
Overall length	mm	47	42	42	47	47	52	58
Hexagonal opening	mm	19	24	24	24	32	32	32
3476A	Each	3,68	4,22	4,22	4,22	6,10	6,10	6,10
Size		15	16	17				
GAS thread Ø	inch.	1	1	1				
Rubber holder Ø	mm	19	25	32				
Overall length	mm	60	66	70				
Hexagonal opening	mm	36	36	36				
3476A	Each	13,00	13,20	20,80				

3476B ewo

Product description as Art. 3476A

Hose connection with male thread, enbloc.

Size		1	2	3	4	5	6	7
GAS thread Ø	inch.	1/8	1/8	1/4	1/4	1/4	3/8	3/8
Rubber holder Ø	mm	4	6	4	6	9	6	9
Overall length	mm	34	37	36	40	40	43	43
Hexagonal opening	mm	14	14	17	17	17	17	17
3476B	Each	2,70	2,70	2,88	2,88	2,88	2,88	2,88
Size		8	9	10	11	12	13	14
GAS thread Ø	inch.	3/8	1/2	1/2	1/2	3/4	3/4	3/4
Rubber holder Ø	mm	13	6	9	13	9	13	19
Overall length	mm	48	44	44	49	49	54	58
Hexagonal opening	mm	19	24	24	24	32	32	32
3476B	Each	3,60	4,76	4,76	5,20	7,90	7,90	7,90
Size		15	16	17				
GAS thread Ø	inch.	1	1	1				
Rubber holder Ø	mm	19	25	32				
Overall length	mm	60	66	70				
Hexagonal opening	mm	36	36	36				
3476B	Each	10,20	11,80	20,10				

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	mm/mm	6/6	6/9	9/9	13/13
Overall length	mm	70	70	70	70
Max Ø	mm	9	12	12	16
3476E	Each	2,70	4,12	4,12	4,58

3477E SCU

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	0,86	1,18

3477L SCU


Product description as Art. 3477E

Bayonet connection. Female thread.

Thread Ø	inch	1/4	3/8
3477L	Each	0,88	1,18

3477P SCU


Product description as Art. 3477E

Bayonet connection. Hose connector.

For pipes Ø	mm	6	8	10
3477P	Each	0,70	0,74	0,76

Product description as Art. 3477E

Bayonet joint. Pipe holder in rubber and polyurethane.

For pipes Ø	mm	6x14	8x17
3478A	Each	1,78	1,96


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	1,90	2,08	2,54	2,60


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	1,90	2,08	2,54	2,60


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	1,14	1,56


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	1,40	1,72


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	1,40
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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	1,78	1,96


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	0,90	1,12	1,88


3478G

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	1,00	1,30	2,00


3478GA

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	1,14
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3478H
For couplings for elastic tubes see Art. 1733 B and 1733 B 1.

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	1,04	1,04	1,04


3478HA

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	6,16	6,36


3478I

3478L**SCU**

Product description as Art. 3477E

Quick tap for couplings Art. 3478 F-G-H - With external thread.

Thread Ø	inch	1/4	3/8	1/2
3478L	Each	4,42	4,42	5,28

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	4,60	4,60	6,38

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	5,64	5,82

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	4,54	4,54	4,72

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	20,10	20,20

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	19,10	19,50	20,20

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	18,30	19,50	20,30

3478V**SCU**

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	20,10	20,10

For elastic pipes (RISLAN) see Art. 1733 and 1733 1.**3478Z****SCU**

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	19,10	19,10	19,10

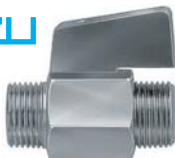
When the stocks will be run out, the Art. 3478 R to Z 3478 will be provided in red.**VALVES****3479A****SCU****Prod. SCU**

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	6,24	6,40	7,28

3479B**SCU**

Product description as Art. 3479A

With external thread on 2 sides.

Drive	inch	1/4x1/4	3/8x3/8	1/2x1/2
3479B	Each	8,66	8,22	9,46

Product description as Art. 3479A

With external and internal thread.

Drive	inch	1/4x1/4	3/8x3/8	1/2x1/2
3479E	Each	6,24	6,24	7,28



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	7,18	7,18	7,18


3480GA


Product description as Art. 3480GA

Quick cocks for couplings with internal thread.

Thread Ø	inch	1/4	3/8	1/2
3480GB	Each	7,18	7,18	7,18


3480GB


Product description as Art. 3480GA

Quick cocks for couplings with hose connector.

Rubber holder Ø	mm	6	9	13
3480GC	Each	8,62	8,62	10,10


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


3480GD


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


3480GE


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


3480GF


Product description as Art. 3480GA

Couplings with screw for clamping synthetic tubes.

For pipes Ø	mm	6x4	8x6	10x8
3480GH	Each	5,74	5,74	5,74


3480GH

Orig. Ewo - Art. 128

Product description as Art. 3480GA

Branches with quick cocks, 2 ways, with internal thread 3/8.

3480GL	Each	24,70
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3480GL


Product description as Art. 3480GA

Branches with quick cocks, 3 ways, with internal thread 3/8.

3480GM	Each	34,80
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3480GM


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	40,70	40,70	40,70

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	40,70	40,70	40,70

3480GS**ewo**

Product description as Art. 3480GP

Quick cocks with hose connection, for couplings.

Rubber holder Ø	mm	6	9	13
3480GS	Each	40,70	40,70	40,70

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

3480GV**ewo**

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

3480GZ**ewo**

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

3485GA**ewo****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	33,20	33,20	35,10

3485GB**ewo**

Product description as Art. 3485GA

Quick cocks with internal thread, for couplings.

Thread Ø	inch	1/4	3/8	1/2
3485GB	Each	33,20	33,20	35,10

3485GC**ewo**

Product description as Art. 3485GA

Quick cocks with hose connection, for couplings.

Rubber holder Ø	mm	6	8	9	10	13
3485GC	Each	33,20	33,20	33,20	35,10	35,10

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.

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NEW!

NEWS CHAPTER 11



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**POCKET MAGNIFIERS
AND STAND MAGNIFIERS
WITH FLEXIBLE GOOSENECK**

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Digital Electronic Dynamometers
▶ P. 1006



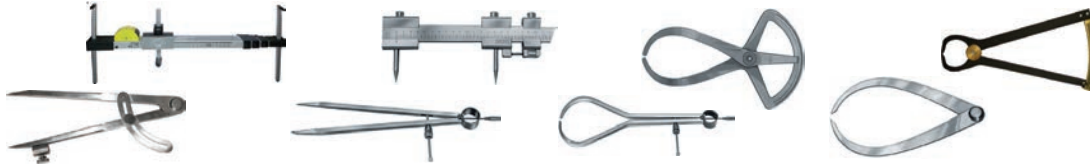
All items are in sequence. It's very easy to find them!

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 scribers
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 chargers
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, pocket lux torches, remote controls, etc.
In blister single packing unit.

Voltage	Volt	1,5
Ø	mm	11,5
Height	mm	5,1
3600A	Each	2,06

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	1,92

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	Per pack	3,00

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	Per pack	2,70

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	Per pack	3,18

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	Per pack	4,88

3600M **SCU**


Rectangular type, transistor 6LR61 for remote controls, universal model.

In blister single packing unit.

Voltage	Volt	9
3600M	Each	3,48

NB: From Art. 3600A to Art. 3600M, the manufacturer reserves the right to change the image and packaging of the product.

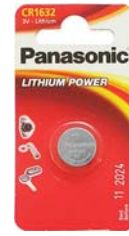
LITHIUM BATTERIES

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	Per pack	3,48



3600P
new

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	Per pack	3,82



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	Per pack	3,84



3600T

NB: From Art. 3600P to Art. 3600T, 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	Per pack	13,40



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	Per pack	25,60



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	54,10
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3604

NB: From Art. 3602 to Art. 3604, the manufacturer reserves the right to change the image and packaging of the product.

RULERS WITH MAGNIFIERS LENS

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	8,68
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3660
new

POCKET MAGNIFIERS
3664
new
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	4,34

3665
SCU


In optical glass, square frame in transparent plastic. Comes with a protective synthetic frame.

Lens Ø	mm	45
Magnifications		4x
3665	Each	19,80

3665A
SCU


In optical glass, square frame in ABS. Comes with a protective synthetic frame.

Lens Ø	mm	60
Magnifications		2½x
3665A	Each	23,60

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	16,00	16,00

3665R
new
SCU


Model with three lenses, in silicate glass. Frame in sturdy plastic. Lenses Ø 30 mm. Magnification 5x / 10x / 15x.

3665R	Each	10,90
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3665T

MIB
 GERMANY

Orig. MIB - Art. 01005092

In optical crystal, frame and grip metal housing. Ø 21 mm lens, 10x magnification.

3665T	Each	7,82
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3666
SCU

Prod. SCU

In optical crystal, with grip metal housing.

Size		19
Lens Ø approx	mm	22
Magnifications		10x
3666	Each	47,60

3666A
new
SCU


In optical crystal. Frame in metal, plastic handle. Lens Ø 20 mm. 15x magnification. Total length 85 mm.

3666A	Each	59,20
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HAND-HELD MAGNIFIERS
3666E
new
SCU
CE

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	13,30	15,60

Hand-use type with round lens. Sturdy synthetic frame.

Lens Ø	mm	45
Magnifications		3x
3667	Each	20,80



Type for hand use with round lense 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	6,32	7,30



Hand-use type with round lens. Sturdy synthetic transparent frame.

Lens Ø	mm	60
Magnifications		3x
3667G	Each	28,90



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	5,48	7,04	9,40



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	43,30	47,10	54,60	69,70



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	67,80	88,50



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	16,80
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Hand-use type with rectangular lens, in white optical glass. Stainless steel frame. Clear and neat lens.

Lens dimensions	mm	65x30	80x40
Magnifications		3 1/2x	2 1/2x
3674	Each	65,90	73,50

Size mm 80x40 is running out of stock



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	19,20
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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	21,90	23,30



3675E
*new***SCU**

Product description as Art. 3675A

Rectangular lens in optical glass. 2x magnification, with "SPO" lens. Lens size 90x55 mm.

3675E	Each	24,10
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3675F
*new***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	193,00
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3677B

**Orig. MIB - Art. 01005087**

Suitable for technical, mechanical, photographic uses and for teaching, etc. Made of 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	22,10
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3677G

**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	25,10
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3677GA

**Orig. MIB - Art. 01005085**

Product description as Art. 3677G

Magnification 10x, Ø lens 35mm

3677GA	Each	25,10
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THREAD COUNTERS

3679P**SCU****Prod. SCU**

In plastic material.

Clear and neat lens.

With window mm 20x20

Magnifications 8x

3679P	Each	4,28
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3680**SCU**

In metal. Clear and neat lens.

With window mm **10x10** **15x15** **20x20** **30x30**

Magnifications 12x 10x 6x 5x

3680	Each	13,70	14,90	17,70	24,60
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3680L*new***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	16,20
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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	21,70	19,80	17,90

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	10,10

SCU



3681C
new

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	20,10	28,40

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	26,10

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	15,20
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SCU



3683A
new

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	23,30
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SCU



3683F
new



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	97,60
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SCU



3683G

MAGNIFIERS GOGGLES

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	47,60
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SCU



3683R

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	176,00
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STAND MAGNIFIER WITH FLEXIBLE GOOSENECK

3686A **SCU**
new

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	26,70
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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	198,00
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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	166,00
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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	311,00
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ILLUMINATED STAND MAGNIFIERS WITH PANTOGRAPH ARM

3694A **SCU**

Prod. SCU
Quick start, cold light.
With clamp fastening. With circular fluorescent tube of W 22.
Metal frame with pantograph arms and spring balanced joints.
Pantograph arms: 100cm. Connection to power supply 230 V.
Optical glass lens with magnification 0,75x (3 dioptries).
Lens diameter: 120mm.

3694A	Each	356,00
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3694B **SCU**

Quick start, cold light.
With round, cast iron base. With circular fluorescent tube of W 22. Metal frame with pantograph arms and spring balanced joints.
Pantograph arms: 100cm. Connection to power supply 230 V.
Optical glass lens with magnification 0,75x (3 dioptries).
Lens diameter: 120mm.

3694B	Each	471,00
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Prod. SCU

Quick start, cold light.
 With clamp fastening. With circular fluorescent tube of W 22. Metal frame with pantograph arms and joints balanced by mechanic clutch for maximum stability. Pantograph arms: 90cm.
 Connection to power supply 230 V.
 Optical glass lens with magnification 0,75x (3 dioptries).
 Lens diameter: 120mm. Wire cable completely inside.

3694E Each **410,00**

Product running out of stock


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 **196,00**


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 **149,00**


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 **383,00**



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.
 Goal: 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 **534,00**



METRIC CALIPERS

3699


**Prod. SCU**

In duraluminum, 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
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Product running out of stock

DIVIDERS

3700G


**Prod. SCU**

In forged steel. Double hinge. Hardened tips. Polished finish.

Overall length	mm	150	200	250	300	400	500
3700G	Each	7,54	9,50	14,70	17,40	33,80	48,10

3702G




In forged steel. Type with guide. Double hinge. Hardened tips. Polished finish.

Overall length	mm	150	200	250	300	400	500
3702G	Each	10,10	13,90	14,70	21,20	41,30	49,90

3705G


**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	19,60	22,10	36,10	89,20

3720G


**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	8,62	9,08	8,62	9,68	11,50	13,90

INSIDE DIVIDERS

3721G


**Prod. SCU**

Spring-type, reinforced. In steel. Square rods. Through screw for rapid opening/closing. Polished finish. Hardened tips.

Overall length	mm	125	150	200	250	300
3721G	Each	9,08	8,62	10,30	11,90	14,10

OUTSIDE DIVIDERS

3723G


**Prod. SCU**

Product description as Art. 3721G

Overall length	mm	100	150	200	250
3723G	Each	9,08	8,62	10,30	11,90

DIVIDERS

3725G


**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	10,20	10,20	8,62	10,30	12,20	13,90

Spare steel tips (for any length) for Art. 3725 G.

O3725G	Per pair	1,00
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Spare tips in HARD METAL (for any length) for Art. 3725 G.

O3725GA	Per pair	10,60
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INSIDE DIVIDERS

3726G


**Prod. SCU**

Flat execution. In steel. Polished finish.

Overall length	mm	150	200	250	300	400	500
3726G	Each	6,82	9,32	12,20	14,20	23,10	26,90

OUTSIDE DIVIDERS

Prod. SCU

Product description as Art. 3726G

Overall length	mm	150	200	250	300	400	500
3727G	Each	6,82	9,32	12,20	14,20	23,10	26,90

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	23,50	28,20	31,30	39,20

**MIB
MESSZEUGE
GERMANY**

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	125,00	196,00	329,00	360,00	548,00

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 500 - 1000 - 1500 - 2000.

O3733A	Per pair	43,10
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SCU

INOX

3733



1/20

PRECISION SPRING COMPASSES OF STEEL WITH BRASS SCALE

Prod. SCU

Combination model for outside and inside measurements. In special steel. Graduation in mm.

Max opening	mm	120	160	200
Overall length	mm	190	250	310
3741G	Each	212,00	260,00	308,00

SCU

3741G



Return spring. Steel body. Brass scale. Graduation: 1/10 mm.

Max opening	mm	15	20
3742G	Each	17,20	18,50

SCU

1/10

3742G



DIGITAL SLIDING CALIPER GAUGES

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/6in (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	126,00
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digiMax

3743G



1/10mm 1/1000"

DIALMAX SLIDING CALIPER GAUGES

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 cursor guide.

Supplied in handy case.

3744G	Each	42,20
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dialMax

3744G



1/10

CALIMAX SLIDING CALIPER GAUGES

3745GE caliMax



1/10

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	30,60
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3745GF caliMax



1/10

Prod. caliMax - Swiss made - Art. 2902

Product description as Art. 3745GE
Single reading caliper 0.1mm. Supplied in handy case.

3745GF	Each	30,60
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SMALL POCKET VERNIER CALIPERS

3746G

SCU



1/10

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	10,30	10,30	10,70

PRECISION POCKET CALIPERS

3746GF

MIB
MESSZEUGE
GERMANY

INOX



1/20

Orig. MIB

Precision according to DIN 862. In stainless steel, MONOBLOCK, accurate execution. Model 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	36,80	36,10

3746GL

MIB
MESSZEUGE
GERMANY

INOX



1/20

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	60
Supplier code		01001002	01001016	01001025
3746GL	Each	36,80	53,20	95,50

3746GM

MIB
MESSZEUGE
GERMANY

INOX



1/50

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	37,60	54,80

3747B

SCU

INOX



1/20

Prod. SCU

Precision DIN 862. Made from 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 Withworth threads. In a bag.

Matt chrome plated.

Useful opening	mm	150	200
Jaws length	mm	40	50
3747B	Each	16,80	24,40

3747D

MIB
MESSZEUGE
GERMANY

INOX



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	36,80	53,20	95,50

11

Prices in EURO - VAT not included

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	42,30



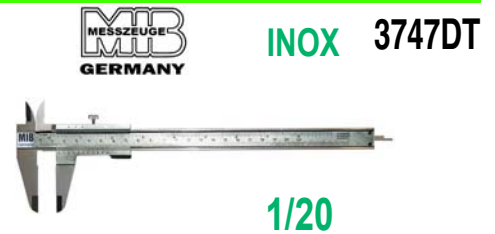
Orig. MIB - Art. 01001050

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	53,20



Prod. SCU

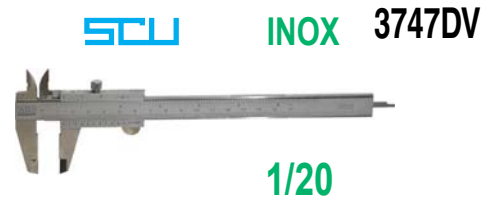
Product description as Art. 3747DT

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	64,00



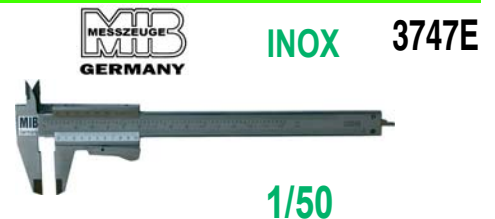
Orig. MIB

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	37,60	54,80



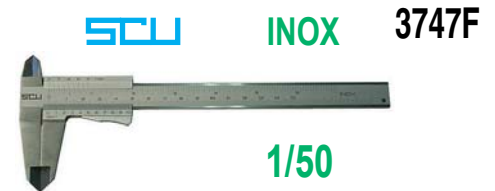
Prod. SCU

Precision according to DIN 862. In stainless steel, MONOBLOCK, extra series, long noses. MA

and Whitworth threading table. Lock down lever. Totally hardened, tempered jaws and tips.

Graduation and vernier scale reading 1/50 mm, chrome plated.

Useful opening	mm	150
Jaws length	mm	50
3747F	Each	48,10



Orig. MIB - Art. 01004001

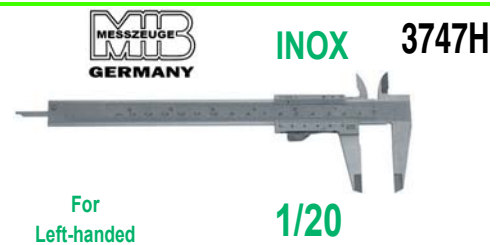
For LEFT hand users.

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	54,80



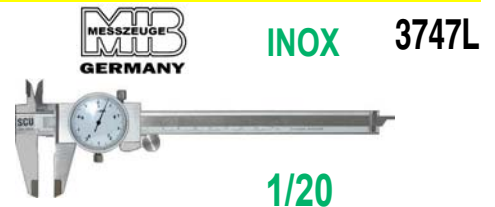
DIAL CALIPERS

Orig. MIB - Art. 01004002

Pocket model. Precision according to DIN 862. In stainless steel, hardened. With table for MA thread and locking screw.

Reading accuracy 1/20 mm (0.05). With dial for easy and rapid readout. With action roller.

Useful opening	mm	150
Jaws length	mm	40
3747L	Each	54,80

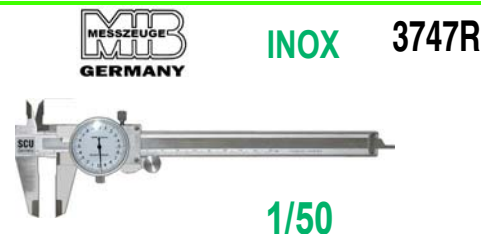


Orig. MIB

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	57,90	62,60	90,80	176,00



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	65,80	90,80

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 slipcase.

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	70,50

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	28,20
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ELECTRONIC-DIGIT-CALIPERS

3747VEA

SCU

INOX

1/100



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	32,30	64,60

3747



INOX

mm 100

mm 150

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	65,80	62,60

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	70,50	126,00	173,00



INOX

3747VEBA
new



HOLD 1/100

Orig. MIB - Art. 02026089

Product description as Art. 3747VEBA

Metal casing, with round depth rod $\varnothing 1.7$ mm. Operated with or without removable wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40
3747VEC	Each	75,20



INOX

3747VEC



Round Rod HOLD 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/1.0005 inches. Accuracy ± 0.03 mm.
 In slipcase.

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	78,30	102,00



INOX

3747VED



ABS 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 screw. Ecological battery power lithium 3 V, long lasting.
 0.01 mm/0.0005 reader inch. Accuracy ± 0.03 mm.
 In slipcase. 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	200	300
Jaws length	mm	40	50	60
Supplier code.....		02026093	02026094	02026090
3747VET	Each	267,00	313,00	392,00



INOX

3747VET



IP67 1/100

Orig. MIB - Art. 02026201

Product description as Art. 3747VET

With round depth rod $\varnothing 1,6$ mm. Without operating wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40
3747VGA	Each	282,00



INOX 'VGA



Round Rod IP67 1/100

3747VGL**INOX****Round Rod****HOLD****1/100****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 $\varnothing 1.6$ mm. Operated with or without removable wheel. Without data output.

Useful opening	mm	150
Jaws length	mm	40

3747VGL	Each	62,60
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3747VGP**INOX****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	50,10	87,70	149,00
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3747VGR**INOX****HARTMETALL****HOLD****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	110,00	165,00
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3747VGS**INOX****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. 1,5 V lithium battery.

Reading 0.01 mm/0.0005 inch. Precision ± 0.03 mm.

In case.

With "ABS" (ABSolute Value) additional function. With flat depth rod. With operating wheel.

Without data output.

Useful opening	mm	150
Jaws length	mm	40
Supplier code		02026037

3747VGS	Each	59,50
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Product running out of stock**11**

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	134,00	169,00	223,00



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. With data output.

Useful opening	mm	150	200	300
Jaws length	mm	40	50	60
Supplier code.....		02026195	02026196	02026197
3747VGU	Each	54,80	93,90	160,00



INOX

3747VGU



HOLD 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	115,00



INOX

3747ZE



ABS 1/100 For Left-handed

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	157,00



INOX

3747ZG



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	220,00



INOX

3747ZL



HOLD 1/100

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	102,00
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3747ZT



INOX



HOLD 1/100

Orig. MIB - Art. 02026103

Product description as Art. 3747ZG

With "HOLD" (MEMORY) additional function. With acute pointed noses, 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	105,00
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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	53,20	78,30
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3748 3



INOX

1/20



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.

Round tips.

Useful opening	mm	200	300	500
Jaws length	mm	60	90	150
Supplier code		01011050	01011052	01011059

3748 3	Each	102,00	165,00	384,00
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3748 4



INOX

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	110,00	204,00	454,00
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3748 5



INOX

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.

Round tips.

Useful opening	mm	200	300
Jaws length	mm	60	100
Supplier code		01009060	01009062

3748 5	Each	102,00	149,00
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3748 5E



INOX

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	118,00	180,00
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3748 6



INOX

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.

Round 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	107,00	173,00	345,00	407,00	767,00	861,00
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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	121,00	227,00	423,00	509,00	947,00	1.040,00



Prod. SCU

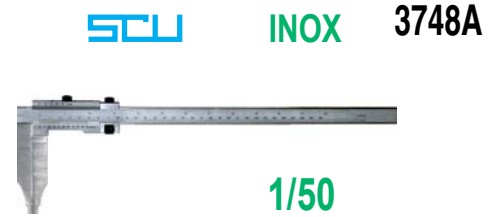
Professional model, long jaws. Precision according to DIN 862. In stainless steel. Chrome plated graduated rod and vernier scale, matt finish.

Micrometer screw. Totally hardened. Finely ground surface.

Graduation and vernier scale reading in 1/50 mm. In case.

Round tips.

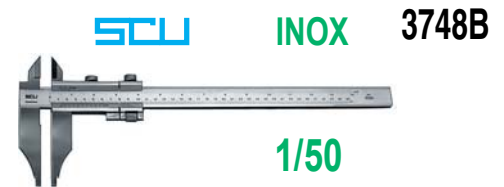
Useful opening	mm	300	400	500	800	1000
Jaws length	mm	100	125	150	150	150
3748A	Each	195,00	313,00	390,00	830,00	971,00



Product description as Art. 3748A

Tipped.

Useful opening	mm	300	400	500	800	1000
Jaws length	mm	100	125	150	150	150
3748B	Each	223,00	426,00	564,00	1.020,00	1.150,00



ELECTRONIC-DIGIT-CALIPERS

Orig. MIB

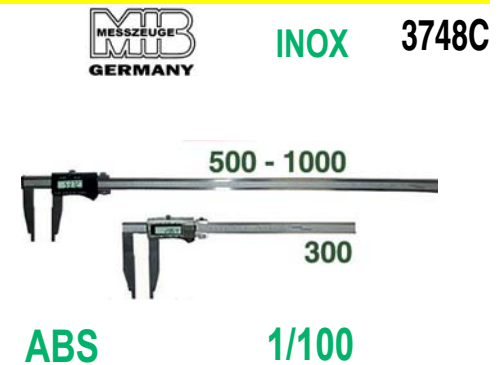
Precision DIN 862.

Made from 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.

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	345,00	376,00	861,00



Art. 3748 C 300 is without "ABS" function, but with "HOLD" function.

Precision DIN 862.

Made from 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.

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	298,00	501,00	939,00	2.120,00



The Art. 3748 D 300 without "ABS" and "PRESET" functions and it is supplied with battery 1.5 V.

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.

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	376,00	595,00	939,00



The Art. 3748 E 300 without "PRESET" function, but with "HOLD" function (MEMORY).

SLIDING GAUGES FOR DEPTH MEASUREMENTS
3748L**INOX****1/20****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.

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	47,10	54,80	68,90	126,00	157,00

3748P**INOX****1/20**

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.

Useful opening	mm	200	300
Support base length	mm	100	150
Supplier code		01016023	01016028
3748P	Each	97,10	118,00

3748PE**INOX****1/20****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

3748PG**1/50****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	68,90

ELECTRONIC DIGIT DEPTH GAUGES STAINLESS STEEL WITH DIAL
3748R**INOX****HOLD****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	90,80	118,00	188,00

3-5 POINT VERNIER CALIPERS
3748S**INOX****1/20****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	90,40
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3748T**INOX****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	91,20
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SQUARE VERNIER CALIPERS

Orig. MIB

Precision according to DIN 862. 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	173,00	360,00



3748V

CALIPERS FOR BREAK DISCS

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	70,50
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INOX 3748Z

DIGITAL GAUGES FOR DISC BRAKES

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	115,00
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INOX 3748ZE new

VERNIER DIGITAL CALIPERS FOR WALL THICKNESS

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



INOX 3749A

DRAWING VERNIER CALIPERS

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: 200mm.

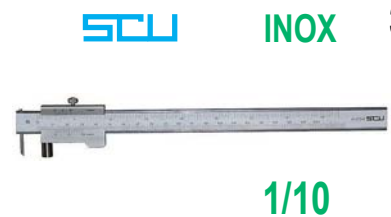
Supplied with tip.

3749B	Each	29,60
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For markers see Art. 4328 G and 4328 GE

Spare drawing tip for Art. 3749 B.

O3749B	Each	4,12
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INOX 3749B

INTERNAL GROOVE VERNIER CALIPERS

Orig. MIB

Precision according to DIN 862. 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	93,90	102,00



INOX 3749C

DIGITAL INTERNAL GROOVE VERNIER CALIPERS
3749CE**INOX****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.

**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	173,00
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COMPASS VERNIER CALIPERS
3749D**Orig. MIB**

In special steel.

Completely hardened. Finely ground surface.

Graduated scale with 1/10 mm reading. With lock screw.

**1/10**

Useful opening	mm	200	300
Jaws length	mm	40	40
Supplier code		01007031	01007032

3749D	Each	116,00	138,00
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GEAR TEETH VERNIER CALIPERS
3749E**SCU****INOX****Prod. SCU**

Made from 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.

**1/50**

For gears modules	mm	1÷26
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3749E	Each	144,00
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The electronic digital version is available on request.

PRECISION POCKET CALIPERS SLIDE GAUGE FOR INSIDE OUTSIDE AND MEASUREMENTS
3749G**SCU****INOX****Prod. SCU - Orig. Helios-Preisner**

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 case.

**1/20**

Useful opening	mm	150
Noses length	mm	40

3749G	Each	52,10
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3749GB**SCU****INOX**

Product description as Art. 3749G

Precision. Graduation and vernier scale reading in 1/20 mm, 1/128 inch.

With lever. Supplied in case.

**1/20**

Useful opening	mm	200
Noses length	mm	40

3749GB	Each	77,80
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3749GE**SCU****INOX**

Product description as Art. 3749G

Precision. Graduation and vernier scale reading in 1/20 mm, 1/128 inch. With lever. Supplied in case.

**1/20**

Useful opening	mm	150
Noses length	mm	40

3749GE	Each	52,10
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3749GF**SCU****INOX**

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.

**Round Rod****1/50**

Useful opening	mm	200
Noses length	mm	40

3749GF	Each	86,10
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Product description as Art. 3749G

Precision model.

Graduation and vernier scale reading in 1/20 mm, 1/128 inch.

High precision. Round rod for depth measurements.

With lever. Supplied in case.

Useful opening	mm	150
Noses length	mm	40

3749GT	Each	63,10
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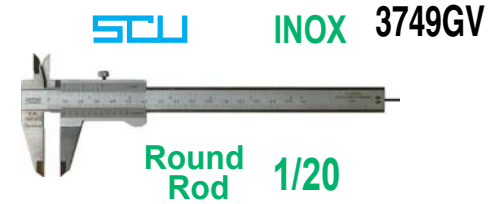
Product description as Art. 3749G

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	63,10
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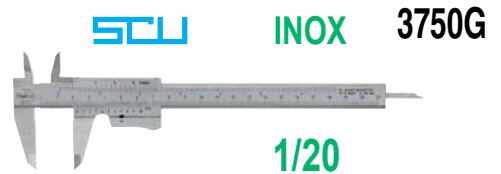
Product description as Art. 3749G

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	72,60
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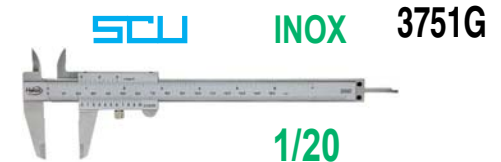
Product description as Art. 3749G

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	72,60
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DIAL CALIPERS

Prod. SCU - Orig. Helios-Preisser

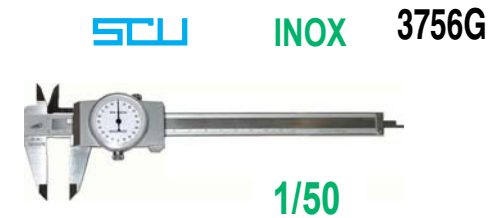
Precision according to DIN 862. In stainless steel, hardened. With dial for easy and rapid readout.

Antishock movement makes the dial robust and precise. One complete dial revolution corresponds to 10mm. 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	164,00
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ELECTRONIC-DIGIT-CALIPERS

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 3759GF). 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	273,00
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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	356,00
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3759GF SCU INOX

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 **446,00**

3759GH SCU INOX

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 **573,00**

3760GA SCU INOX

Round Rod

IP65 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 $\pm 0,01$ mm.
 Zero setting button for relative and incremental measurements, on/off switch. Inch/metric toggle switch conversion. Lock screw and depth rod. 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.
 Graduated rod.
 With data output.

Useful opening	mm	150
Noses length	mm	40

3760GA Each **394,00**

3760GE SCU INOX

Round Rod

IP67 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 **394,00**

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	53,70
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ELECTRONIC-DIGIT-CALIPERS

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	1.020,00	1.440,00

SCU INOX 3775G




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	1.110,00	1.640,00	2.520,00

SCU INOX 3781GE



1/100 **CE**

SLIDING GAUGES FOR DEPTH MEASUREMENTS

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.
 Straight measuring rod.

Useful opening	mm	200	300	500
Support base length	mm	100	100	150
3781GN	Each	197,00	223,00	366,00

SCU INOX 3781GN



1/20

ELECTRONIC DIGIT DEPTH GAUGES STAINLESS STEEL WITH DIAL

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	895,00	1.010,00

SCU INOX 3781GRA




1/100 **CE**

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	1.040,00

SCU INOX 3781GS



1/100 **CE**

EXTERNAL GROOVE VERNIER CALIPERS

3781GZ

SCU

INOX



1/20

Prod. SCU - Orig. Helios-Preisser

Made from 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	648,00
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EXTERNAL MICROMETERS

3782L




until 125 - 150

from 150-175 to 275-300

HARTMETALL 1/100

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	47,10	50,10	54,80	59,50	70,50	78,30
Capacity	mm	150-175	175-200	200-225	225-250	250-275	275-300
Supplier code		01017056	01017057	01017058	01017059	01017060	01017061
3782L	Each	90,80	104,00	115,00	126,00	132,00	149,00

3782P




HARTMETALL 1/100

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	227,00
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3782S




HARTMETALL 1/100

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	51,70	54,80	59,50	67,30

3782T




HARTMETALL 1/100

Orig. MIB - Art. 01019054

4-micrometers set Art. 3782 S measuring ranges: 0-25, 25-50, 50-75, 75-100mm.

Supplied in case.

3782T	Each	251,00
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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	104,00	110,00	129,00	135,00



HARTMETALL 1/100 3783GE



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	400-500	500-600
Supplier code.....		01019059	01019062	01019063	01019065	01019066	01019067
3786	Each	274,00	392,00	407,00	470,00	564,00	626,00

Sizes 300-400 / 400-500 / 500-600 are provided with tubular steel arc.



HARTMETALL 1/100 3786



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	57,90



HARTMETALL 1/100 3786L



For
Left-handed

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	267,00	281,00



1/100 3786T



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	134,00	149,00



1/100 3787G



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	90,80	102,00



HARTMETALL 1/100 3788



PRECISION EXTERNAL ELECTRONIC MICROMETERS

3788T



HARTMETALL 1/1000

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.

Boxed.

Capacity	mm	0-25	25-50	50-75	75-100
Supplier code		02029090	02029091	02029092	02029093
3788T	Each	154,00	188,00	204,00	220,00

3789B



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	212,00	248,00	282,00	298,00

3789C



ABS



HARTMETALL 1/1000

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.

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	183,00	274,00	329,00	376,00

The size 0-25 is prod. SCU instead of Orig. MIB.

3789D



ABS



IP65 HARTMETALL 1/1000

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.

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	353,00	392,00

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.

Boxed.

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

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PRECISION EXTERNAL ELECTRONIC MICROMETERS

Orig. MIB

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	533,00	564,00

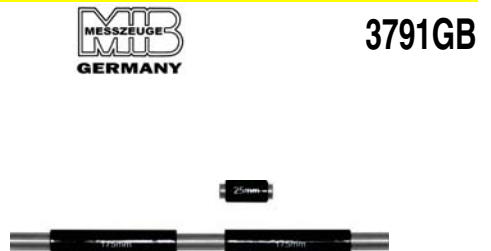


PRECISION EXTERNAL ELECTRONIC MICROMETERS

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	18,80	18,80	18,80	22,10	28,20	28,20
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	28,20	28,20	37,60	37,60	37,60	



SCREW-THREAD MICROMETERS

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	282,00	306,00	337,00	360,00



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
Supplier code.....		01019084	01019085	01019086	01019087	01019088
3791GL	Per pair	40,70	40,70	40,70	40,70	40,70
Pitch	mm	5,5 - 7				
Supplier code.....		01019089				
3791GL	Per pair	40,70				



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 graduating 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	149,00	173,00	196,00	212,00



3-POINT MICROMETERS

3792L



HARTMETALL 1/100

Orig. MIB

Precision according to DIN 863/1.

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	298,00	313,00	368,00

Size 1-15mm provided with tipped contact rod,
sizes 5-20mm and 20-35mm provided with flat contact rod.

TUBE MICROMETERS

3792T



HARTMETALL 1/100

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.

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. Supplied in case.

Capacity	mm	0-25
3792T	Each	86,10

TUBE MICROMETERS

3792Z



HARTMETALL 1/1000

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 1/100 mm. locking lever and heatproof gripping pads. Supplied in case.

Capacity	mm	0-25
3792Z	Each	501,00

MICROMETERS FOR DEPTH MEASUREMENTS

3793



1/100

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	157,00	282,00	376,00

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 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	423,00	517,00

PRECISION INSIDE MICROMETERS

Orig. MIB

Precision according to DIN 863/1.

Reading 1/100 mm.

Contact surfaces in hardmetal. Ratchet screw.

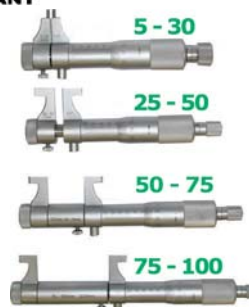
Matt chrome plated thimble. Supplied in case.

Capacity	mm	5-30	25-50	50-75	75-100
Supplier code		01021001	01021002	01021003	01021004
3793E	Each	118,00	134,00	157,00	180,00

Art. 3793 E 5-30 and 25-50 with reference ring.



HARTMETALL 1/100 3793E



SETS OF PRECISION INSIDE MICROMETERS

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
No. of micrometres		3	2	4	4
Rings Ø	mm	6-8-10	16	25 and 40	62 and 87
Extensions length	mm	100	150	2x150	150
Supplier code		01022070	01022071	01022074	01022075
3794G	Each	1.420,00	783,00	1.890,00	2.360,00



HARTMETALL 3794G



PRECISION INSIDE MICROMETERS

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	517,00	517,00	517,00	392,00	392,00	517,00	517,00
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	564,00	673,00	705,00	720,00	736,00	783,00	



HARTMETALL 5/1000 3794GF



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	246,00	246,00	246,00	267,00	282,00	313,00	329,00



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 No.1 micrometer and No.3 extensions (13 - 25 - 50mm).

3795F	Per series	180,00
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HARTMETALL 1/100 3795F



3795G **MIB** HARTMETALL 1/100

**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	Per series	235,00
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3795GA **MIB** HARTMETALL 1/100

**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	Per series	329,00
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3795GA 3 **MIB** HARTMETALL 1/100

**Orig. MIB - Art. 01021049**

Product description as Art. 3795F

Set measuring range 50 - 1000mm.

Each set consists of No.1 micrometer and No.8 extensions (13 - 25 - 50 - 2x100 - 150 - 200 - 300mm).

3795GA 3	Per series	971,00
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3795GA 5 **MIB** HARTMETALL 1/100

**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 50 - 63mm. Reference gauge and extension. Supplied in case.

Set measuring range 50 - 1300mm.

Each set consists of No. 1 micrometer and No.6 extensions (25 - 50 - 100 - 200 - 2x400mm).

3795GA 5	Per series	1.420,00
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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 - 300mm.

Each set consists of 1 micrometer and 4 extensions (25 -2x 50 - 100mm).

3795GB	Per series	1.160,00
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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	Per series	1.430,00
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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 Per series **1.800,00**

SCU HARTMETALL 1/100 3795GD



EXTENSIONS FOR INSIDE MICROMETERS

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	177,00	179,00	200,00	244,00	324,00

SCU 3795GP



MICROMETERS HEADS

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	47,10

MIB GERMANY 1/100 3798GA



Orig. MIB - Art. 01021066

Product description as Art. 3798GA

Ball contact surface, in hardened steel.

Capacity	mm	0-6,5
3798GB	Each	47,10

MIB GERMANY 1/100 3798GB



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	39,20

MIB GERMANY 1/100 3799GA



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	79,80

MIB GERMANY 1/1000 3799GB



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 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.

Capacity	mm	0-25
3799GE	Each	235,00

MIB GERMANY 1/1000 3799GE



ABS

WIRE GAUGE MICROMETERS

Prod. SCU

Sensitive screw. Increments in 1/100 mm.

Hardened contact face. Matt polished finish.

Capacity	mm	0-10
3900G	Each	46,70

SCU 1/100 3900G



INDEX DISC MICROMETERS
3950G**SCU****1/100****Prod. SCU**

Easy reading dial.
Dial reinforcement support.
Sensitive screw and indicator.
Increments in 1/100 mm.

Type		50A
Arch depth	mm	50
Capacity	mm	0-15
3950G	Each	120,00

MICROMETER STANDS
3950GP
MIB
 MESSZEUGE
 GERMANY
**Orig. MIB - Art. 01018037**

High stability model, tilting, for bow micrometers. In steel. Central clamp screw and protection pads, opening 7-15mm.

3950GP	Each	47,10
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3950GR
MIB
 MESSZEUGE
 GERMANY
**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	Each	39,20
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3950T**SCU****Prod. SCU**

Stable, inclinable model, for bow micrometers.
Steel body and tightening clamp.
Weight: 1.8Kg. Clamp opening 13mm.

3950T	Each	118,00
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Product running out of stock**3951****SCU**

Standard model, inclinable.

Weight: 0.9Kg. Clamp opening 5-10mm.

3951	Each	39,60
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Product running out of stock
THICKNESS MEASURING INSTRUMENTS
3951GT**SCU****1/10****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.

Useful opening	mm	10
Flat round contacts Ø	mm	6,3
3951GT	Each	107,00

3951GV**SCU****1/10**

Product description as Art. 3951GT

Useful opening	mm	20
Flat round contacts Ø	mm	10
3951GV	Each	123,00

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	108,00



Product description as Art. 3952B

Arch depth	mm	50
Useful opening	mm	20
3952C	Each	115,00



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	214,00	219,00



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	212,00



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	221,00



Product description as Art. 3952G 3

Arch depth	mm	100
Useful opening	mm	30
Flat round contacts Ø	mm	10
3952G 5	Each	288,00



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		331,00	381,00



3952GA

SCU

1/100



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	219,00
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3952GB

SCU

1/100



Product description as Art. 3952GA

Arch depth	mm	18
Useful opening	mm	10
Flat round contacts Ø	mm	6,3

3952GB	Each	214,00
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3952GE

SCU

1/100



Product description as Art. 3952GA

Arch depth	mm	45
Useful opening	mm	10
Flat round contacts Ø	mm	6,3

3952GE	Each	246,00
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3953G

MIB
MESSZEUGE
GERMANY

1/100



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	173,00	220,00
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3955G

SCU

1/100



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	252,00	317,00	382,00

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	474,00
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11

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 **474,00**

SCU **1/100** **3956GA**



Increments in 1/100 mm, with sensitive lever and automatic recoil. Particularly 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 **119,00**

SCU **1/100** **3958**



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 **464,00**

SCU **1/1000** **3959G**



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. Taster diameter mm 10.

3960G Each **116,00**

SCU **1/10** **5/100** **3960G**



VISTA DA AMBO I LATI

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.

Measuring field	µm	0-1000
Standard measuring precision		5%
Offset-Accur measuring precision		1%
Base material minium thickness	mm	0,3
Minimum surface Ø	mm	6
Working temperature		0°C - 50°C
Device dimensions	mm	161x69x32h
Weight	grams	260

3960GL Each **672,00**

SCU **3960GL**



METERS OF COATINGS THICKNESSES

3960GP
new

SCU



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 1000 pm / from 0 to 40 mil. Accuracy $\pm 2.5 \text{ mM} \pm 3.1\% / \pm 1.3\%$. Minimum measuring field \varnothing 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.

3960GP Each **789,00**

ULTRASONIC METERS OF THICKNESS

3960GT
new

SCU



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 mm. Accuracy $\pm 0.5 \text{ mm}$. Resolution 0.1 mm. Minimum measuring field \varnothing mm 5.

Operated by 4 alkaline batteries 1.5V AAA (Art. 3600 C), supplied. Weight 220 g.

With 1 ultrasound probe.

3960GT Each **832,00**

MEASURING GAUGES FOR CRANKSHAFT

3961GA
3961GB
3961GE

SCU

1/100



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	978,00	882,00	1.030,00

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 **6,22**

3961GV

SCU

1/10



In brass, 40mm symmetric baseplate. End tipped rod. Vernier scale 1/10 mm. Particularly suitable for tyre track measurements. Measuring range 50mm, length 105mm.

3961GV Each **8,62**

3961GVA
new

MIB
MESSZEUGE
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 **14,10**

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	26,60
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1/100 3961GZ



BORE GAUGES

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	41,10	47,10

SCU

1/10 3962G



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	155,00	206,00	451,00

SCU

1/10 3963G



Model with slider and round-conical rod.

In hardened and ground steel. Verrnier scale 1/100 mm with protection cap.

For bores Ø	mm	0,10-3	0,10-5
3964G	Each	64,20	85,80

SCU

1/100 3964G



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	8,98
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SCU

**3965G
3965GA**



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	8,98
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MILLIMETER TWIST DRILL GAUGES

Prod. SCU

Millimeter twist drill gauge, hardened.

Capacity	mm	0,1-10	0,5-10	10-20
Progression	mm	0,1	0,5	0,5
Bores	Nr	100	20	21
3968G	Each	198,00	71,60	115,00

SCU

3968G



SCREW PITCH GAUGES

Prod. SCU

With lock screw.

Double type for Whitworth, ISO Metric and Whitworth Gas threads. 58 blades

3969G	Each	8,22
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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	6,22
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SCU

BSW

3970G



M

Product description as Art. 3969G

Single type for Whitworth threads. 28 blades.

3971G	Each	3,94
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SCU

BSW

3971G



3972G

SCU M



Product description as Art. 3969G
Single type for ISO Metric threads. 24 blades.

3972G Each 3,94

3972GE

SCU BSP



Product description as Art. 3969G
Single type for GAS threads at 55°. 6 blades.

3972GE Each 3,22

3972GF

SCU UNC



Product description as Art. 3969G
Single type for UNC threads at 60°. 22 blades.

3972GF Each 5,16

3972GL

SCU UNF



Product description as Art. 3969G
Single type for UNF threads at 60°. 16 blades.

3972GL Each 4,94

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 13,10

Product description as Art. 3973GA

32 blades for 7.5-15 radii. In steel.

3973GB Each 14,30

Product description as Art. 3973GA

30 blades for 15.5-25 radii. In steel.

3973GC Each 14,30

Product description as Art. 3973GA

34 blades for 1-7 radii. In stainless steel.

3973GE Each 22,30

Product description as Art. 3973GA

32 blades for 7.5-15 radii. In stainless steel.

3973GL Each 25,10

Product description as Art. 3973GA

30 blades for 15.5-25 radii. In stainless steel.

3973GP Each 25,10

THREADING TOOL GAUGES

3974G

SCU 55°



Prod. SCU

For Whitworth pitch threads at 55°.

3974G Each 3,88

3975G

SCU 60°



For Metric pitch threads at 60°.

3975G Each 3,88

11

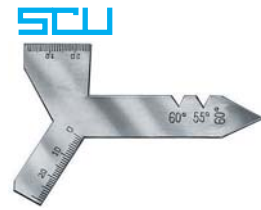
Prices in EURO - VAT not included

UNIVERSAL GRINDING GAUGES

Prod. SCU

Used to measure and check twist drill angles of 90° and 118° and to measure Whitworth and metric pitch threads.

3975GA Each **4,76**



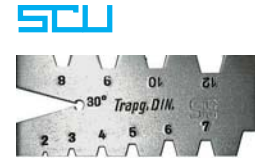
3975GA

COMBINED TURNING AND THREAD GAUGES

Prod. SCU

Type for trapezoidal threading from 2-to12mm and 30°.

3976G Each **4,06**



3976G

Type for Whitworth, metric, trapezoidal threads 2-12mm and with notches from 40° to 80° for cutting tools.

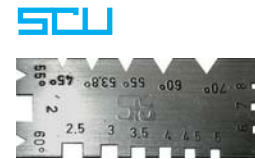
3977G Each **10,70**



3977G

Type for threads angled at 45°-53.8°-55°-60°-70° and for square threads 2-8 coil/inchs.

3978G Each **4,06**



3978G

Type for Whitworth, metric, trapezoidal threads 2-12mm and for square threads 2-8 coil/inch.

3978GA Each **10,50**



3978GA

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 **15,20**



3979G

THREAD RULES

Orig. MIB - Art. 08082010

With slider, for threading parameters concerning ISO Metric, Whitworth and Gas cylindric thread.

3980GA Each **25,10**



3980GA

THREAD INDICATORS

Orig. MIB - Art. 08082015

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 **141,00**



3980GB



ISO TOLERANCE INDICATORS
3980GE


Orig. MIB - Art. 08082016

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	141,00
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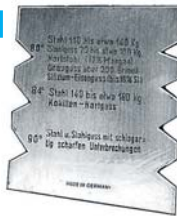
ISO - TOLERANCE CONVERTORS FROM MM TO INCHES
3980GL


Orig. MIB - Art. 08082017

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	141,00
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LATHE TOOL GAUGES
3981GA


Prod. SCU

With notches to set lathe cutting tool with cutting edge in hardmetal.

3981GA	Each	9,68
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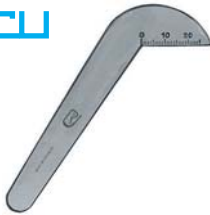
3981GB



With notches to set lathe cutting tool with cutting edge in HSS.

3981GB	Each	9,68
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TWIST DRILL GRINDING GAUGES
3983G


Prod. SCU

Suited to measure and control twist drill cutting angle. Angle at 118°, for iron and steel.

3983G	Each	2,16
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UNIVERSAL ANGLE GAUGES
3984G


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	10,50
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PRECISION GRINDING TOOL GAUGES
3985G



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
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WELDING SEAM GAUGES

Prod. SCU

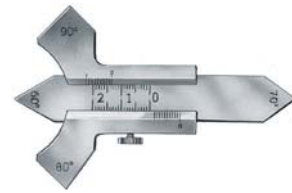
Suited to measure flat and angled seams.
Precise execution, points at 60°, 70°, 80°, 90°. In stainless steel, chromium plated. Measuring range up to 20mm.

3987G Each **26,20**

SCU

INOX

3987G



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 **22,10**

MIB
MESSZEUGE
GERMANY

3987GE



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	1	2	3	4	5	6
For thicknesses mm	0,10-0,15	0,10-0,20	0,15-0,25	0,20-0,25	0,30-0,40	0,45-0,50
3989G Each	1,62	1,62	1,62	1,62	1,62	1,62

SCU

3989G



Precision according to DIN 2275. In special steel, hardened and ground. Lock screw.
Conic-shaped blades, length 100mm.
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.

3989GS Each **4,82**

SCU

3989GS



Product description as Art. 3989GS

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.

3989GT Each **8,12**

SCU

3989GT



Hardened and ground. 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 **2,26**

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.
In steel.

3992GB Each **3,10**

SCU

3992GB



Product description as Art. 3992GA

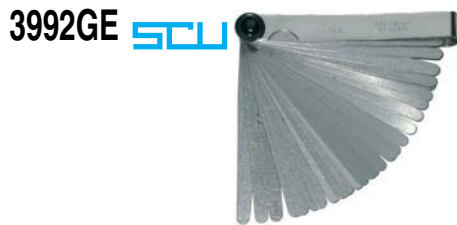
With 20 blades, dimensions: 0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00mm.
In steel.

3992GC Each **5,16**

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.

In steel.

3992GE Each **13,40**



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.

In stainless steel.

3992GL Each **9,60**

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 **13,40**

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 **17,60**

BRASS



3993GZ SCU
3994G

Type with parallel blades, length 200mm, width 10mm.

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.

3993GZ Each **10,30**

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.

In steel.

3994G Each **10,30**



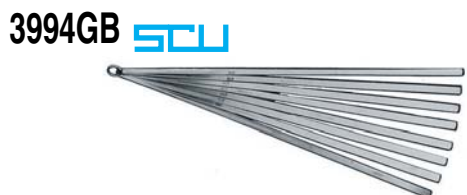
3994GA SCU

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 **16,30**



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.

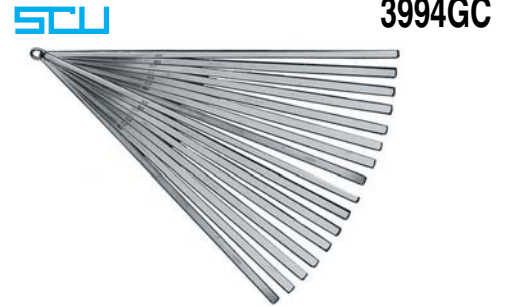
3994GB Each **14,10**

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 **21,10**



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 **20,90**

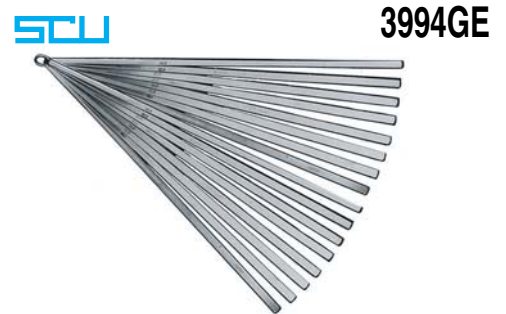


Product description as Art. 3994GD

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 **29,90**



SETS OF THICKNESS GAUGES

Prod. SCU

Blades in Sweedish hardened steel. Length 150mm.

Assorted set supplied in bag, with 19 interchangeable blades, dimensions: 0.05-0.08-0.10-0.12-0.15-0.18-0.20-0.25-0.30-0.35-0.40-0.45-0.50-0.55-0.60-0.75-0.80-0.90-1.00mm.

With blade-holder.

3994GF Each **34,10**



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
3994GL	Per pack	33,80	26,30	22,10	23,00	22,70	23,40	26,30

Thickness	mm	0,50	1,00
3994GL	Per pack	28,30	36,10



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	Per pack	111,00	62,70	45,90	38,70	30,90	32,20	31,60	32,50

Thickness	mm	0,30	0,35	0,40	0,50	0,60	0,70	0,80	1,00
3994GM	Per pack	32,50	35,80	35,80	35,80	57,20	58,10	58,10	58,10



3994GR SCU INOX
3994GS



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	Per pack	132,00	74,70	63,90	58,80	52,30	52,30	49,30	61,80
Thickness	mm	0,25	0,30	0,35	0,40	0,45	0,50	1,00	
3994GR	Per pack	65,10	61,80	75,30	71,20	86,10	82,20	139,00	

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
3994GS	Per pack	105,00	80,20	80,20	75,60	77,10	95,20	99,40	95,20
Thickness	mm	0,40	0,50	1,00					
3994GS	Per pack	108,00	125,00	223,00					

3994GT SCU BRASS



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	
3994GT	Per pack	57,20	61,10	67,20	76,40	78,90	83,30	92,60	
Thickness	mm	0,30	0,40	0,50	1,00				
3994GT	Per pack	94,20	101,00	117,00	223,00				

SETS OF CALIBRATED SHIMSTEEL

3994GVE SCU



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	36,10
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3994GVL SCU INOX



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	134,00
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3994GVP SCU INOX



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	190,00
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3994GVR SCU BRASS



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	223,00
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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	0,10	0,12
3995GA	Per pack	31,30	12,40	12,40	10,30	12,40	12,40	12,40	12,40	10,30	10,30
Thickness	mm	0,15	0,18	0,20	0,25	0,30	0,35	0,40	0,45	0,50	0,55
3995GA	Per pack	10,30	10,30	10,30	10,30	10,30	10,30	10,30	10,30	10,30	13,90
Thickness	mm	0,60	0,65	0,70	0,80	0,85	0,90	0,95	1,00		
3995GA	Per pack	13,90	13,90	13,90	13,90	13,90	13,90	13,90	13,90		

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	Per pack	78,30	39,20	28,20	22,10	22,10	25,10	25,10	
Thickness	mm	0,25	0,30	0,40	0,50	1,00			
3995GL	Per pack	31,30	31,30	32,90	34,50	64,90			

11

Blade holder for Art. 3995 GA - 3995 GL.

3995GP	Each	3,66
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SCU

3995GP



Product description as Art. 3995GA
Carbon steel bands. Width 25mm.

Thickness	mm	0,01	0,02	0,03	0,04	0,05	0,06	0,07
3997G	Per pack	114,00	63,40	45,50	45,20	39,10	31,10	31,10
Thickness	mm	0,08	0,09	0,10	0,15	0,20	0,25	0,30
3997G	Per pack	31,10	31,10	31,10	32,10	32,10	32,50	32,20
Thickness	mm	0,40	0,50	0,60	0,70	0,80	0,90	1,00
3997G	Per pack	35,80	37,50	51,10	55,20	56,80	56,80	56,30

Thickness gauge bands 0.01 and 0.02 mm in stainless steel.

SCU

3997G



Product description as Art. 3995GA
Carbon steel bands. Width 50mm.

Thickness	mm	0,03	0,04	0,05	0,06	0,07	0,08	0,09
4000G	Per pack	66,30	65,10	61,10	45,50	45,50	45,50	45,50
Thickness	mm	0,10	0,15	0,20	0,25	0,30	0,35	0,40
4000G	Per pack	45,50	46,80	46,10	47,30	46,80	51,70	51,70
Thickness	mm	0,45	0,50	0,60	0,70	0,80	0,90	1,00
4000G	Per pack	51,70	51,70	82,20	82,20	82,90	82,90	82,90

SCU

4000G



Product description as Art. 3995GA
Stainless steel bands. Width 100mm.

Thickness	mm	0,01	0,02	0,03	0,05	0,10	0,15	0,20
4001G	Per pack	223,00	145,00	115,00	97,70	92,60	92,60	114,00
Thickness	mm	0,25	0,30	0,35	0,40	0,45	0,50	0,60
4001G	Per pack	120,00	114,00	139,00	133,00	158,00	153,00	202,00
Thickness	mm	0,70	0,80	0,90	1,00			
4001G	Per pack	229,00	246,00	249,00	256,00			

SCU

INOX

4001G



Product description as Art. 3995GA
Stainless steel bands. Width 150mm.

Thickness	mm	0,025	0,05	0,075	0,10	0,15	0,20	0,25
4001GE	Per pack	188,00	149,00	148,00	137,00	139,00	172,00	179,00
Thickness	mm	0,30	0,40	0,50	1,00			
4001GE	Per pack	171,00	199,00	208,00	439,00			

SCU

INOX

4001GE



Product description as Art. 3995GA
Brass bands. Width 150mm.

Thickness	mm	0,025	0,05	0,075	0,10	0,15	0,20	0,25
4002G	Per pack	77,10	87,30	95,20	104,00	124,00	144,00	159,00
Thickness	mm	0,30	0,40	0,50	1,00			
4002G	Per pack	162,00	180,00	197,00	418,00			

SCU

BRASS

4002G



GONIOMETERS

4020B

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.

In steel.

Arch Ø (mm)	mm	80	120	150	200	250	300
Rod length	mm	120	150	200	300	390	465
4020B	Each	20,80	22,40	28,30	33,90	67,80	102,00

4020GA

SCU

INOX



In hardened and ground stainless steel. Easy and accurate graduation reading.

Indelible mechanical marked degree increments.

Goniometer arm screw lock. Polished finish.

Precision model in stainless steel.

Arch Ø (mm)	mm	80	120	150	200
Rod length	mm	120	150	200	300
4020GA	Each	52,00	63,20	70,30	99,70

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.

Rule with through slot.

Arch Ø (mm)	mm	120	150	200	250	300
Rod length	mm	240	300	400	500	600
4022B	Each	32,80	39,60	47,10	90,40	129,00

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)	mm	100	150	200	250	300
Rod length	mm	150	300	400	500	600
4022G	Each	38,40	45,20	52,60	72,10	92,90

UNIVERSAL BEVEL PROTRACTORS

4026GB

SCU

INOX



1/12°

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	81,10

BEVEL PROTRACTORS

4028

SCU

INOX



1/12°

Prod. SCU

Made from 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 rules.

Boxed.

4028	Each	89,50
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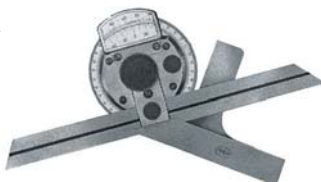
4028G

SCU

INOX

4028GA

4028GB



1/12°

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		242,00	260,00	313,00

The electronic digital version is available on request.

BEVEL PROTRACTORS WITH DIAL INDICATOR

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	157,00
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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. Precision according to DIN 2768 m.
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



Orig. Richter

Product description as Art. 4036G
Big capacity. In stainless steel, flexible.
(Size 1 Orig. MIB - Art. 07074070)

Size		1	2	3
Circumference capacity mm		60-950	60-2200	60-3780
Capacity Ø mm		20-300	20-700	20-1200
4037G	Each	86,10	115,00	121,00
Size		4	5	6
Circumference capacity mm		60-4720	60-5980	60-7540
Capacity Ø mm		20-1500	20-1900	20-2400
4037G	Each	140,00	146,00	153,00
Size		7	8	9
Circumference capacity mm		60-8500	60-9760	60-11310
Capacity Ø mm		20-2700	20-3100	20-3600
4037G	Each	172,00	178,00	184,00



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	9,66	14,50	20,30



Product description as Art. 4038A

With adhesive.

Belt length mm		2000	3000	5000
4038B	Each	14,60	21,80	32,40



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	11,60	17,50	24,40



Orig. Richter - Art. SK725GSa

Product description as Art. 4038E
With adhesive.

Belt length mm		2000	3000	5000
4038F	Each	16,50	24,40	36,50



FLEXIBLE STEEL RULES

4040B SCU INOX



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	2,76	10,80	26,10

4040G SCU INOX



Made from 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	1,88	2,26	2,42	3,12	26,40	21,50	22,90

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 RULES

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	16,40	28,70	101,00

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	16,20	28,60	115,00

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	18,30	32,70	113,00

SEMIRIGID STEEL RULES

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	8,38	17,50	39,50	61,10	73,80

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	8,38	17,50	39,50	61,10	73,80

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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	8,38	17,50	39,50	61,10	73,80



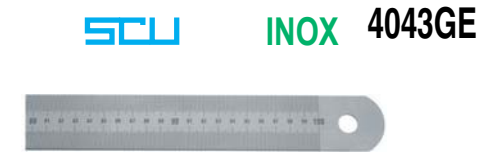
In stainless steel, hardened and ground. Matt surface.

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	60,10	130,00	196,00	245,00



Product description as Art. 4043GE

mm/1/2 mm graduation.

Overall length	mm	500	1000	1500	2000
Width x thickness	mm	40x2	40x2	40x2	40x2
4043GF	Each	60,10	130,00	196,00	245,00



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	8,38	17,50	39,50	61,10	73,80


RIGID STEEL RULES
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	37,60	70,50



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



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


HIGH PRECISION STEEL RULES
Prod. SCU

Oversize 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



Oversize 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

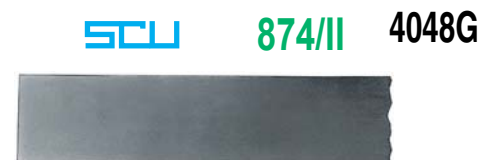

STRAIGHT EDGES
Prod. SCU

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



4048GA SCU **874/I**



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

4049G SCU INOX **874/II**



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

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 RULES

4052G MIB **874/00**



Orig. MIB

Precision according to DIN 874/00. 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	19,60	25,10	27,40	31,30	41,50	
Overall length	mm	300	400				
Supplier code		07075037	07075038				
4052G	Each	70,50	126,00				

4053G MIB INOX **874/00**



Precision according to DIN 874/00. 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	22,70	27,40	31,30	34,50	47,10
Overall length	mm	300	400			
Supplier code		07075017	07075018			
4053G	Each	78,30	157,00			

CURVIMETER

4100G SCU **new**



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	27,70
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WOODEN FOLDING RULES

4110 SCU **CE**



Prod. SCU
WOODEN METERS.

5 boards and stainless steel spring hinges. Width: 16mm.
Enamelled in natural wood.

4110	Each	1,84
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WOODEN FOLDING RULED

10 boards and stainless steel spring hinges. Width: 16mm.

Enamelled in natural wood.

4118 Each **3,04**

SCU



CE

4118

WOODEN FOLDING RULES

10 boards, steel springs and external rivets for excellent board movement. Width 16mm.

Alternated decimeters enamelled in yellow/white.

4120 Each **3,06**

SCU



CE

4120

WOODEN FOLDING RULED

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 **4,34**

SCU



CE

4122
new

STAINLESS STEEL FOLDING RULES

Prod. SCU

STAINLESS STEEL METERS

10 boards and spring hinges.

Width 12mm.

4132 Each **15,70**

SCU

INOX



CE

4132

STAINLESS STEEL FOLDING RULES

10 boards and spring hinges.

Width 14mm.

4134 Each **23,80**

SCU

INOX



CE

4134

LIGHT METAL FOLDING RULES

Prod. SCU

LIGHT METAL METERS

5 boards and brass spring hinges.

Width 14mm.

4137 Each **8,20**

SCU



CE

4137

LIGHT METAL FOLDING RULES

10 boards and brass spring hinges.

Width 14mm.

4139 Each **14,20**

SCU



CE

4139

PLASTIC FOLDING RULES

Prod. SCU

10 boards.

In special plastic material, flexible, resistant, glass-fiber reinforced. Spring hinges.

Accuracy class III.

PLASTIFLEX METERS

Width: 13mm.

4140 Each **3,50**

SCU



4140

Product description as Art. 4140

PLASTIFLEX FOLDING RULES

Width 16mm.

4141 Each **4,92**

SCU



4141

COMPOSITE PLUS FOLDING RULES

4141AE **SCU**



Prod. SCU

FOLDING RULES 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 rules.

4141AE	Each	16,20
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COMBINATED FOLDING RULES WITH SQUARE

4141AL **SCU**



Prod. SCU

Polyamide plastic FOLDING RULES. 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	14,70
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MEASURING TAPES

4141B **SCU**



C II

Prod. SCU

Lock button and tape storing control. Yellow enameld tape, matt, antireflection. ABS case, unbreakable. Hook end.

Accuracy class II.

Type		2	3	5
Belt length	m	2	3	5
Belt width	mm	16	16	19
Tolerance ±	mm	0,7	0,9	1,3
4141B	Each	2,64	3,22	4,64

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	3,36	3,88	5,44

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	4,12	14,20

4141D **SCU**



C II

Type with high flexing resistant tape.

Tape lock button and quick tape recovery.

White enamelled tape. ABS case, unbrekable and rubberized for a safer and more comfortable grip. Hook end.

Accuracy class II.

Belt length	m	5	8
Belt width	mm	25	25
Tolerance ±	mm	1,3	1,9
4141D	Each	10,10	13,90

Product running out of stock

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Prices in EURO - VAT not included

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, unbreakable 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	2,34	3,38	6,42	9,54



Type with large magnetic tongue and high flexing resistant tape.

Tape lock button and rapid zero setting. Yellow enamelled tape. ABS case, unbreakable, coated with shockproof soft rubber for a safer and more comfortable grip. Hook end.

Accuracy class II.

Type		3	5	5A	8
Belt length	m	3	5	5	8
Belt width	mm	16	19	25	25
Tolerance ±	mm	0,9	1,3	1,3	1,9
4141DB	Each	3,88	5,62	5,10	7,48

Misure 3, 5 e 8 in esaurimento.



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	3,60	6,56	9,48	11,60



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	7,96	9,88	13,30



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.

ABS case, unbreakable, coated with shockproof soft rubber for a safer and more comfortable grip.

Hook end.

Accuracy class II.

Belt length	m	5	8
Belt width	mm	33	33
Tolerance ±	mm	1,3	1,9
4141H	Each	14,20	21,10



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.

ABS case, unbreakable and rubberised 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	9,80	13,10	21,80



ELECTRONIC DISTANCE MEASURING INSTRUMENTS

4141R

SCU



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. Automatic disconnection after 30 sec. idle time. Battery level indicator. 1 x 9 V alkaline battery operated. Measuring range 0.5m to 15m. Accuracy: +/- 0.5% +/- 1 figure. Opening angle +/- 5°. Supplied in case.

4141R Each 113,00

4141TE

SCU IP54



High precision class II laser beam for indoor and outdoor measurements. It detects, without contact, distances, it calculates areas and volumes and by using simple functions of the Pythagorean theorem it allows for measurements from a distance. Wide digital display with 5 digits of metres, decimetres, centimetres and millimetres, backlit. With 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 m 0,05 to 40. Precision +/- 3 mm.

4141TE Each 161,00

4141ZA

SCU IP54



Prod. SCU

High precision, laser model Class II for indoor and outdoor measurements. Performs non-contact distance, surface and volume measurements. Stores measurements and allows remote measurements thanks to simple triangulation functions. Large 5-digit display in m, feet, inches. Operated by No.2 x 1.5 AAA alkaline batteries (Art. SCU 3600 C), included. Measuring range from m 0,1 to 80. Accuracy +/- 1.5 mm.

4141ZA Each 313,00

TELESCOPIC METERS

4142G

Richter
Messwerkzeuge
Measuring Tools



side with millimeter scale

side with STADIA

Orig. Richter - Art. 6735

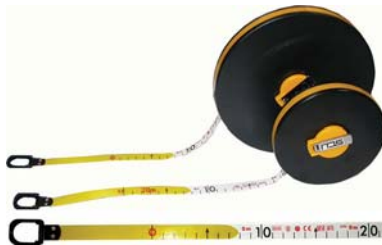
Suitable to measure the dimensions of ceilings, suspended elements and depth measurements. Rectangular housing, 5 staves made from light aluminium alloy with protective anodised coating. Fixed circular level for vertical positioning. On one side there is a millimetre scale, on the other it is Imperial. Length when closed 1.25 m.

Capacity m 5
4142G Each 79,30

NYLON MEASURING TAPES

4144

SCU



NYLON TAPE - FIGURES ON TWO SIDES

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 6,96 11,40 22,20

11

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	12,70	17,20	24,50

SCU **CE** **C III** **4144E**
new



FIBERGLASS TAPE-FIGURES ON TWO SIDES

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	11,10	15,90	21,10	45,80

SCU **C III** **4144F**



FIBERGLASS TAPE-FIGURES ON TWO SIDES

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	22,70	31,90

Spare tapes for Art. 4145 GE.

Belt length	m	10	20
O4145GE	Each	12,20	19,20

Richter **C II** **4145GE**
Messwerkzeuge
Measuring Tools



FIBERGLASS TAPE - FIGURES ON ONE SIDE

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	22,70	31,90

Spare tapes for Art. 4146 G.

Belt length	m	10	20
O4146G	Each	12,20	19,20

Richter **C II** **4146G**
Messwerkzeuge
Measuring Tools



FIBERGLASS TAPE - FIGURES ON ONE SIDE

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 MILLIMITERS. Accuracy class II.

Belt length	m	10	20
Tolerance ±	mm	2,3	4,3
4147GB	Each	31,20	41,80

Spare tapes for Art. 4147 GB.

Belt length	m	10	20
O4147GB	Each	15,30	26,10

Richter **C II** **4147GB**
Messwerkzeuge
Measuring Tools



COATED STEEL TAPE
FIGURES ON ONE SIDE

STEEL MEASURING TAPES
4148GM
Richter
 Messwerkzeuge
 Measuring Tools

C II

 WHITE VARNISHED TAPE
 FIGURES ON ONE SIDE

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	21,80	30,30	40,70

Spare tapes for Art. 4148 GM.

Belt length	m	10	20	30
O4148GM	Each	12,10	19,30	26,50

4149GA
Richter
 Messwerkzeuge
 Measuring Tools

C II


STEEL TAPE - FIGURES ON ONE SIDE

Orig. Richter - Art. 308 pcs

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	24,10	32,40	67,20

Spare tapes for Art. 4149 GA.

Belt length	m	10	20	50
O4149GA	Each	12,60	20,20	46,20

4149GD
Richter
 Messwerkzeuge
 Measuring Tools

C II

 WHITE VARNISHED TAPE
 FIGURES ON ONE SIDE

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	24,10	32,40	43,30	67,20

Spare tapes for Art. 4149 GD.

Belt length	m	10	20	30	50
O4149GD	Each	12,10	19,30	26,50	44,20

4149GF
Richter
 Messwerkzeuge
 Measuring Tools

C II

INOX

INOX TAPE - FIGURES ON ONE SIDE

Orig. Richter - Art. 358 pcs

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	29,30	43,80	63,40	94,80

Spare tapes for Art. 4149 GF.

Belt length	m	10	20	30	50
O4149GF	Each	17,10	30,70	45,60	72,10

4150GF
Richter
 Messwerkzeuge
 Measuring Tools

C II


INOX TAPE - FIGURES ON ONE SIDE

Orig. Richter - Art. 356 pcs

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	29,30	43,80	94,80

Spare tapes for Art. 4150 GF.

Belt length	m	10	20	50
O4150GF	Each	17,10	30,70	72,10

FIBER GLASS MEASURING TAPES

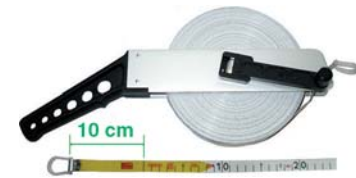
Prod. SCU

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	50
4151F	Each	25,70	33,30

Product running out of stock

SCU C III 4151F



FIBREGLASS TAPE-FIGURES ON TWO SIDES

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	44,50	81,20

Spare tapes for Art. 4151 GR.

Belt length	m	20	50
O4151GR	Each	26,10	60,70



C II 4151GR



COATED STEEL TAPE FIGURES ON ONE SIDE

STEEL MEASURING TAPES

Prod. SCU

Type with steel tape, enamelled, yellow. Increments in black. ABS housing and ergonomic handle in soft material. Tape width: 13mm. Graduation in MILLIMETERS, CENTIMETERS and DECIMETERS. Tape length: 50m. Rapid tape recovery. Accuracy class II. Tolerance ± 10.3mm.

4152E	Each	34,10
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Product running out of stock

SCU C II 4152E



YELLOW VARNISHED TAPE FIGURES ON ONE SIDE

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	47,40	56,40	90,10

Spare tapes for Art. 4153 GB.

Belt length	m	20	30	50
O4153GB	Each	30,70	45,60	72,10



C II 4153GB



INOX TAPE - FIGURES ON ONE SIDE

INOX

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	36,10	44,10	62,40

Spare tapes for Art. 4153 GC.

Belt length	m	20	30	50
O4153GC	Each	19,30	26,50	44,20



C II 4153GC



WHITE VARNISHED TAPE FIGURES ON ONE SIDE

STEEL MEASURING TAPES WITH PLUMB BOB

4155GA



STEEL TAPE - FIGURES ON ONE SIDE

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 **89,80**

Spare tapes without plumb bob for Art. 4155 GA.

O4155GA Each **26,40**

4155GB



INOX



INOX TAPE - FIGURES ON ONE SIDE

Orig. Richter - Art. 464 MS

Product description as Art. 4155GA

Stainless steel and plumb bob.

4155GB Each **105,00**

Spare tapes without plumb bob for Art. 4155 GB.

O4155GB Each **41,20**

Plumb bob for Art. 4155 GA / 4155 GB.

O4155GC Each **30,10**

ROAD DISTANCE MEASURING DEVICE

4160A



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 **144,00**

4160GP



Orig. Richter - Art. 6680

Heavy duty. In steel tubing, collapsible, with handle. Large dimension. additive forward measurements, backward subtractive measurements).

Zero setting lever. Rubber-coated sturdy wheel Ø 320mm.

4160GP Each **311,00**

WATER LEVELS

4164



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 **12,60**

Connection pipe in transparent rubber, length 20m.

O4164 Each **12,90**

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	5,60	5,60	5,60	7,46

SCU



4164L

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	3,56
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SCU



4164T

POCKET-LEVELS

Prod. SCU

In aluminium.
With hooking clip. With 1 horizontal vial.

Overall length	mm	100
4165A	Each	10,80

SCU



4165A

In unbreakable ABS. With 3 vials, horizontal, vertical and bent at 45°. With magnetic support.

Overall length	mm	230
4165G	Each	2,28

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	6,16

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	12,90	15,70	18,50

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	6,92	10,70	10,70	11,50	13,10	14,50	16,50
Overall length	mm	800	1000	1200	1500			
4179A	Each	19,80	23,50	28,50	34,40			

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
4179B	Each	13,40	15,20	16,80	18,80	22,30	26,70	33,30
Overall length	mm	1500						
4179B	Each	37,50						

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	37,60	43,10	48,60	53,80	66,10	81,90

SCU



4179E

4179G

SCU



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	10,60	12,20	13,70	15,20	18,30	23,80

4180P

SCU



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	25,40	27,80	31,70	37,70

Spare horizontal vials for Art. 4180 P.

O4180P	Each	1,38
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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	30,30	33,50	37,10	41,00	60,30

Spare horizontal vials for Art. 4184 G.

O4184GM	Each	6,34
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Spare vertical or bent vials for Art. 4184 G.

O4184GP	Each	6,34
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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.

Yellow finish. 0.5mm per metre accuracy (0.0285°).

Overall length	mm	220
4184H	Each	20,40

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
4184M	Each	21,80	22,80	27,40	28,70	37,10	39,40	45,30

Overall length	mm	1500
4184M	Each	52,80

Spare horizontal vials for Art. 4184 M.

O4184M	Each	1,38
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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	16,70	18,60	21,10

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	56,60
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ELECTRONIC ANGLE MEASURING DEVICES

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.

SCU

4186F



4186F Each **80,70**

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 mesuring 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.

Richter
 Messwerkzeuge
 Measuring Tools

4186G



4186G Each **434,00**

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. 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.

SCU

4186GL



4186GL Each **129,00**

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 E), 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.

SCU

4186GR



4186GR Each **185,00**

Professional grade laser for horizontal and vertical alignments. With unbreakable bubbles and 3 manual levelling system. Movement powered by 4 AA alkaline batteries (3600 s), supplied.
 Remote to remote control, carried out by a single operator, with 9 V alkaline battery (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 (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.

SCU

4186GRE



Weight **4186GRE** Each **2.380,00** Kg **0,85**

4186GRF 

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 **346,00**

4186GS   


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

4186GSA 

STAND FOR ROTATING LEVELS ART. 4186 GS

Extremely sturdy and stable rack type with manual handcrank adjustment and retaining chain on the telescopic legs to avoid any slipping.

Height adjustable from 1355 to 2325mm. Pointed feet with adjustable guards, also for smooth or delicate surfaces. With carrying strap.

Weight 7.5Kg.

4186GSA Each **419,00**

Product running out of stock

CORD MARKER
4186T 

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 **5,52**

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. Doubles as a plumb line.

SCU



4186TE

4186TE Each 13,40

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 platter for a comfortable and secure housing.

SCU



4186TF

4186TF Each 17,30

POWDER FOR MARKER

Prod. SCU

Type for tracing. In 150 gram bottles.

Type	1	2
Colour	blue	red
4186V	Each 1,56	1,56

SCU



4186V

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 3,24	3,24	2,56

SCU



4186VE

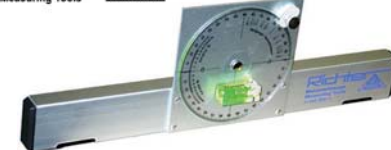
INCLINE SPIRIT LEVELS WITH PROTRACTOR

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	57,80	70,50

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

MIB
MESSZEUGE
GERMANY



4192G

PRECISION LEVELS IN ALUMINIUM
4194G**SCU****0,6x1000****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	86,10	94,60	107,00	133,00	154,00

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	165,00	188,00	267,00

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	159,00	170,00	196,00	245,00

4196B**SCU****0,02x1000**

Product description as Art. 4196A

Accuracy: 0.02 per 1000 mm.

Length approx	mm	150	200	250	300
4196B	Each	166,00	181,00	215,00	264,00

METAL PRECISION LEVELS
4197GD**SCU****0,04x1000****Prod. SCU**

With two vials. High accuracy 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. Longitudinal vial with protection glass. Supplied in case.

Accuracy: 0.04 per 1000 mm.

Length	mm	160	200	250	300
4197GD	Each	419,00	489,00	572,00	630,00

4197GE**SCU****0,02x1000**

Product description as Art. 4197GD

Accuracy: 0.02 per 1000 mm.

Length	mm	160	200	250	300
4197GE	Each	504,00	598,00	658,00	707,00

4197GF**SCU****0,01x1000**

Product description as Art. 4197GD

Accuracy: 0.01 per 1000 mm.

Length	mm	200	250	300
4197GF	Each	744,00	801,00	901,00

METAL SPIRIT LEVELS

Orig. MIB

Square type framework. With two bubbles.
Two flat sides and two prismatic. Rectified basis.
In case.

Sensitivity 0.30 to 1000 mm.

Side length	mm	150	200
Supplier code.....		06072041	06072042
4198	Each	235,00	251,00



0,30x1000

4198



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	272,00	317,00



0,05x1000

4198B



Product description as Art. 4198B

Accuracy: 0.02 per 1000 mm.

Side length	mm	200	250
4198C	Each	294,00	362,00



0,02x1000

4198C



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. Supplied in case.

Accuracy: 0.04 per 1000 mm.

Length	mm	150	200
4202GD	Each	881,00	1.070,00



0,04x1000

4202GD



Product description as Art. 4202GD

Accuracy: 0.02 per 1000 mm.

Length	mm	150	200
4202GE	Each	970,00	1.190,00



0,02x1000

4202GE



Product description as Art. 4202GD

Accuracy: 0.01 per 1000 mm.

Length	mm	200
4202GF	Each	1.730,00



0,01x1000

4202GF



4204GD

SCU

0,04x1000



MAGNETIC

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. Longitudinal vial with protection glass.

Supplied in case.

Accuracy: 0.01 per 1000 mm.

Length	mm	150	200
4204GD	Each	1.580,00	1.880,00

4204GE

SCU

0,02x1000



MAGNETIC

Product description as Art. 4204GD

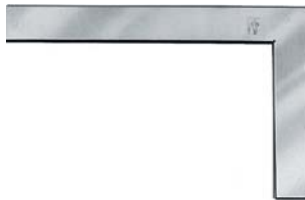
Accuracy: 0.01 per 1000 mm.

Length	mm	150	200
4204GE	Each	1.670,00	2.000,00

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	6,02	6,60	8,66	10,60	11,60	15,10	18,90
Dimensions	mm	600x300						
Section	mm	30x6						
4250	Each	22,60						

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	13,20	14,40	15,10	18,10	20,80	26,60	32,10
Dimensions	mm	600x300						
Section	mm	30x6						
4251	Each	40,30						

The sections of the squares are subject to changes.

4251E

SCU



Fine execution for carpentry. In steel, galvanized. Back squares, welded.

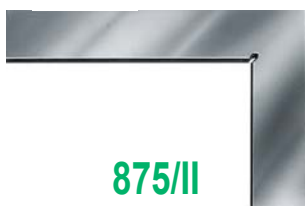
Dimensions	mm	100x70	150x100	200x135	250x165	300x180	400x200	500x250
Section	mm	20x5	20x5	25x5	25x5	30x6	30x6	30x6
4251E	Each	9,04	9,80	13,20	17,10	18,90	22,30	26,10
Dimensions	mm	600x300						
Section	mm	30x6						
4251E	Each	34,70						

The sections of the squares are subject to changes.

PRECISION STEEL SQUARES

4251M

SCU



875/II

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	8,62	9,32	11,70	14,30	20,30	23,40	52,70
Dimensions	mm	750x375 1000x500						
Section	mm	45x10 50x8						
4251M	Each	149,00 227,00						

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	12,80	13,30	17,30	21,40	28,60	38,40	84,70

Dimensions	mm	750x375	1000x500
Section	mm	45x10	50x8
4251P	Each	212,00	290,00

SCU

4251P



875/II

In steel, undeformable. Accurate execution according to DIN 875/II.

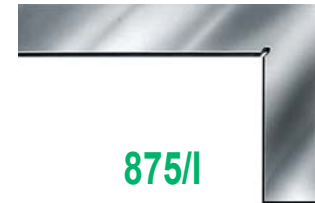
Completely ground. Heavy model. Polished edges.

Standard execution.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200	500x330
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8	50x10
4259G	Each	12,80	13,90	15,50	21,90	28,60	38,40	159,00

SCU

4259G



875/I

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	13,50	15,80	22,10	29,60	37,50	42,90	155,00

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.

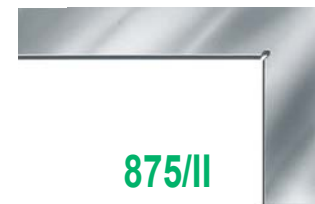
Standard execution.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8
4261G	Each	13,50	16,50	24,30	38,10	53,10	70,10

SCU

INOX

4261G



875/II

Product description as Art. 4261G

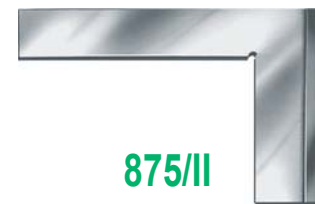
Back squares, with screws.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8
4262G	Each	23,10	28,10	36,60	51,90	72,80	88,40

SCU

INOX

4262G



875/II

In stainless steel. Accurate execution according to DIN 875/II.

Completely ground. Heavy model. Finely polished edges.

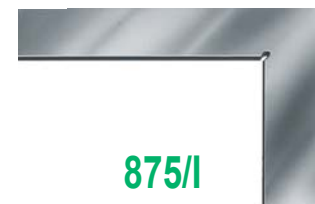
Standard execution.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200	500x330
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8	50x10
4263G	Each	13,90	15,80	19,60	25,10	43,30	48,50	204,00

SCU

INOX

4263G



875/I

4264G

SCU INOX



875/I

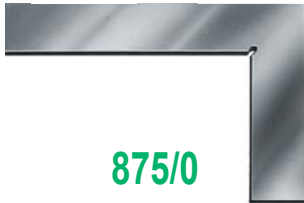
Product description as Art. 4263G

Back squares, with screws.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200	500x330
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8	40x8
4264G	Each	17,30	22,50	35,70	46,30	62,80	73,40	274,00

4265G

SCU INOX



875/0

In stainless steel. Accurate execution according to DIN 875/II.

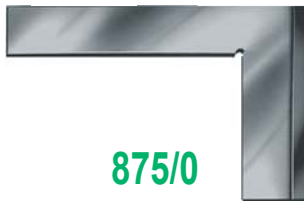
Completely ground. Heavy model. Finely polished edges.

Standard execution.

Dimensions	mm	75x50	100x70	150x100	200x130	250x160	300x200
Section	mm	15x5	20x5	25x5	30x6	35x7	40x8
4265G	Each	37,20	42,10	54,60	82,50	112,00	154,00

4266G

SCU INOX



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	51,10	54,90	96,10	136,00	207,00	226,00

HIGH PRECISION STAINLESS STEEL SQUARES

4266GF



INOX



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.

Simple.

Dimensions	mm	50x40	75x50	100x70	150x100	200x130
Section	mm	13x4	15x5	20x6	30x6	30x8
Supplier code		03038000	03038001	03038002	03038003	03038004
4266GF	Each	34,50	39,20	47,10	78,30	108,00

4266GH



INOX



875/00

Product description as Art. 4266GF

With cap.

Dimensions	mm	50x40	75x50	100x70	150x100	200x130
Section	mm	13x4	15x5	20x6	25x7	30x8
Supplier code		03038010	03038011	03038012	03038013	03038014
4266GH	Each	68,90	79,80	86,10	104,00	157,00

SETS OF MEASURING TOOLS

4266GP

SCU



Prod. SCU

Very high precision. Particularly suitable for diesinkers, fine mechanics, etc. In hardened steel, lapped surface.

Each 5-pcs. set contains:

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.

Supplied in wooden case.

4266GP	Each	112,00
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MULTIDEGREES SQUARE

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



Product description as Art. 4266GS
Back squares, with screws.

Dimensions	mm	120x80	150x100	200x130
Section	mm	20x5	20x5	25x5
4266GT	Each	35,70	39,80	58,50



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	23,90	26,20	35,20



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.

4267G	Each	196,00
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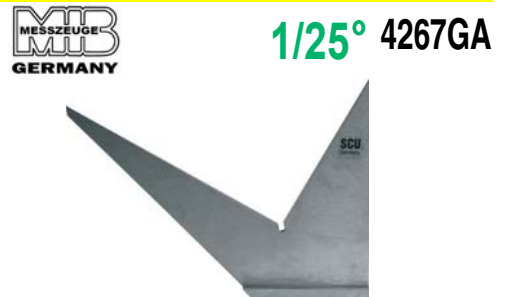


MULTIDEGREES SQUARE

Orig. MIB

In steel. Ground and finely polished.
Accuracy: 1/25°. With back. With following angles: 120° - 90° - 45° - 30°.

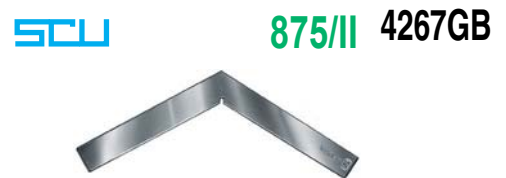
Long side length	mm	100	120	150
Supplier code.....		03043080	03043081	03043082
4267GA	Each	56,40	64,20	72,10



Prod. SCU

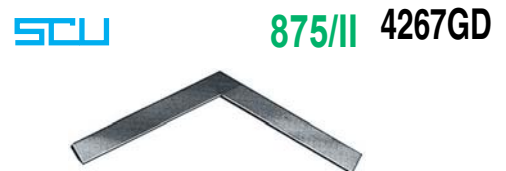
In steel. Finely polished.
Accuracy according to DIN 875/II.
Standard execution. 120° angle.

Dimensions	mm	50x50	75x75	100x100
Section	mm	15x5	18x5	20x5
4267GB	Each	20,10	24,60	30,90



Product description as Art. 4267GB
Standard execution. 135° angle.

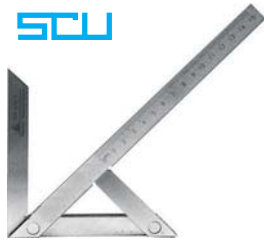
Dimensions	mm	50x50	75x75	100x100
Section	mm	15x5	18x5	20x5
4267GD	Each	20,10	24,60	30,50



PRECISION CENTERING SQUARES

4267GE

SCU



875/1

Prod. SCU

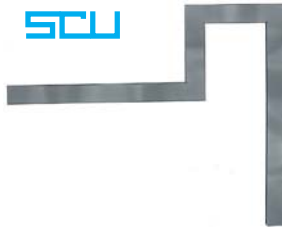
In steel. Finely ground, chrome plated. Graduations in millimeters. Angle bisector accuracy according to DIN 875/1. Suitable for 45° and 90° angles, for locating round centres and for tracing.

Dimensions	mm	100x70	150x130	200x150
For shafts up to Ø	mm	90	190	220
4267GE	Each	43,60	52,60	64,20

FLANGE SQUARES

4267GF

SCU



Prod. SCU

In steel, polished surface.

Dimensions	mm	300x300	500x500
Section	mm	30x5	30x5
4267GF	Each	23,10	34,80

4267L

SCU



Elbow type, in steel, ground.

Arc's opening mm 60. Arc's depth mm 160.

Dimensions	mm	300	500
Section	mm	30x6	30x6
4267L	Each	65,60	67,10

ADJUSTABLE SQUARES

4268G

SCU



Prod. SCU

In steel, finely polished.

With lock screw.

Overall length	mm	200	250	300
4268G	Each	14,20	18,30	19,90

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
4270GA	Each	11,70

4270GE

MIB
MESSZÜGE
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
4270GE	Each	78,30

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
4275G	Each	11,60

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Prices in EURO - VAT not included

JOINER'S SQUARES

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
4285	Each	9,96	10,30	10,60	11,90

SCU

4285



Bevel type, metal base, blade in stainless steel. Precise and clear double graduation.

Rod length	mm	200	250	300
4286GB	Each	12,10	13,50	14,10

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	22,10	23,50	28,20

MIB
MESSZEUGE
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	7,82	8,62	10,20

MIB
MESSZEUGE
GERMANY

4294G



CARPENTER'S SQUARES

Prod. SCU

Non-graduated model, in steel. Finely polished.

Long rod length	mm	600	700	800
4298G	Each	17,10	17,90	19,60

SCU

4298G



Product description as Art. 4298G

With holes for tracing.

Long rod length	mm	600	700	800
4299G	Each	24,10	24,90	26,40

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	21,30	22,60	23,90

SCU

4299GE



Product description as Art. 4299GE

With holes for tracing.

Long rod length	mm	600	700	800
4299GF	Each	27,20	29,20	30,60

SCU

4299GF



SQUARES WITH GONIOMETERS

4299GL SCU



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	158,00

GLASS SQUARES AND RULES

4300 SCU



Prod. SCU

In special plastic material, scratch-resistant, with handle. Graduation in centimeters.

Square: 500x250mm.

4300	Each	5,54
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4300A SCU



Product description as Art. 4300

Rule: 1000mm.

4300A	Each	7,60
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JOINER'S PENCILS

4301 SCU



Prod. SCU

Wooden flat type. Length: 180mm.

Packing unit: 144 pcs. not sold separately.

4301	Per pack	31,10
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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	47,10	52,80	56,50

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	60,30	64,10	67,80

PRECISION HEIGHT SURFACE GAUGES

4316B



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	126,00	235,00

Orig. MIB - Art. 06067022

Hard metal spare tip for Art. 4316 B.

For gauge markers	mm	300	500
O4316B	Each	34,50	34,50

1/20

11

Prod. SCU

Adjustable graduated scale and magnifier lens. 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	153,00	302,00	1.250,00

Spare tip for Art. 4316 E (and for any size).

O4316E	Each	75,40
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SCU

INOX 4316E



1/50

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	360,00	689,00

Spare tip for Art. 4316 L and 4316 P mm 300 e 600.

O4316L	Each	34,50
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MIB
MESSZEUGE
GERMANY

INOX 4316L



1/100

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	611,00	1.110,00

For spare tips see Art. O4316 L.

MIB
MESSZEUGE
GERMANY

INOX 4316P



1/100

PRECISION HEIGHT ELECTRONIC GAUGES

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. Stainless steel rod.

Measuring capacity	mm	300	500
Supplier code.....		02027001	02027002
4317GA	Each	345,00	501,00

Spare tip for Art. 4317 GA.

Measuring capacity	mm	300	500
O4317GA	Each	32,90	37,60

MIB
MESSZEUGE
GERMANY

INOX 4317GA



1/100

4317GC



INOX



1/100

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.
 Zeroseeting 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	454,00	658,00

Orig. MIB - Art. 02027106

Spare tip in hard metal for Art. 4317 GC 300 - 600.

O4317GC	Each	32,90
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PROFILE GAUGES

4319

SCU



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	77,50
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4319A

SCU



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	11,10
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4319B

SCU



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	43,20
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HAND SCRIBERS

4319D



Orig. MIB - Art. 04054000

In hardened steel, knurled handle.
 Straight type, length 175mm.

4319D	Each	2,12
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4319L

SCU



Prod. SCU

In hardened steel, with handle in syntetic material .
 Straight and 120° curved type, length 200mm.

4319L	Each	2,30
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4319M

SCU



Hardened steel, knurled grip.

Straight and 90° curved type, length 200mm.

4319M	Each	3,28
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4319P



Orig. MIB - Art. 04054015

Product description as Art. 4319M
 Straight and 90° curved type, length 250mm.

4319P	Each	2,82
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4319R

SCU

HARTMETALL



Prod. SCU

Steel with HARD METAL tip, plastic handle.
 Straight type, length 170mm.

4319R	Each	4,10
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In steel, carbide tip.

Pen-type with clip and fixed tip. Length: 140mm.

4320 Each **2,52**

SCU
HARTMETALL
4320


In aluminium, carbide tip.

Pen-type with clip and interchangeable tip. Length: 145mm.

4321 Each **5,66**

SCU
HARTMETALL
4321


Spare hard metal tip for Art. 4321.

O4321 Each **2,82**

In aluminium, carbide tip.

Pen-type with clip and reverse, interchangeable tip. Length: 150mm.

4322 Each **7,92**

SCU
HARTMETALL
4322


Spare hard metal tip for Art. 4322.

O4322 Each **2,82**

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 **10,20**


HARTMETALL
4322E


Orig. MIB - Art. 04055005

Spare tip in carbide for Art. 4322 E.

O4322E Each **3,44**



Orig. MIB - Art. 04055015

In steel, carbide tip.

Pen-type with clip and fixed tip. Length: 160mm.

4323A Each **4,22**


HARTMETALL
4323A


Prod. SCU

Product description as Art. 4323A

Pen-type with spindle and interchangeable tip. Length: 140mm.

4323B Each **3,86**

SCU
HARTMETALL
4323B


Spare hard metal tip for Art. 4323 B.

O4323B Each **2,28**

Pen-type with cap and clip. In steel, with carbide fixed tip.

Knurled housing Ø 8mm.

Overall length mm 145
4323G Each **28,20**

SCU
HARTMETALL
4323G


Straight type with carbide tip.

Knurled grip.

Overall length mm 160
4324GA Each **4,54**

SCU
HARTMETALL
4324GA


Straight and 120°-bent type with carbide tips.

Knurled grip.

Overall length mm 230
4324GB Each **6,36**

SCU
HARTMETALL
4324GB


Orig. MIB - Art. 04055020

Straight and 90°-bent type with carbide tips.

Knurled grip.

Overall length mm 220
4324GE Each **7,82**


HARTMETALL
4324GE


HAND SCRIBERS WITH PUNCH

Orig. MIB - Art. 04055018

Pen type, with clip. Double tip, in carbide, turnable and interchangeable. Knurled grip. By unscrewing the front hexagonal part turns into a steel punch.

Overall length mm 150
4325G Each **14,10**


4325G


4325GA



Orig. MIB - Art. 04055019

Spare tip in hard metal, double, turneable for Art. 4325 G.

4325GA	Each	5,48
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STEEL MARKING GAUGES

4328G



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	60,30	75,40	94,20

Spare scriber in hard metal, for Art. 4328 G 200-300-500.

O4328GA	Each	14,40
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4328GE



Flat type. Made of hardened steel, chrome plated, matt. Millimetre scale.

Capacity	mm	200	250	300
4328GE	Each	23,10	24,10	25,10

For marker calipers see Art. 3749 B.

STEEL MARKING GAUGES WITH SQUARES

4328GL



Prod. SCU

Combined with team model for tracking operations, measurements of angles. Central body with stainless steel Protractor, graduated with a circular scale is divided into 4 parts from 0° to 90°.

With flat Guide, Matt-finish chromium graduated, with capacity from 0 to 300 mm.

4328GL	Each	63,20
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QUADRUPLE V BLOCKS

4330



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	121,00	151,00	196,00	253,00	339,00

PRECISION V BLOCKS

4331G



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	194,00	254,00	345,00

Wooden case for Art. 4331G.

Size		50	75	100
O4331G	Each	27,70	35,50	55,40

PRECISION MAGNETIC V BLOCKS

4331GE



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 pair	1.110,00	1.570,00



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Prices in EURO - VAT not included

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

4331GM



4/1000

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	85x70x85	130x70x85
Ø for cylindrical bodies	mm	50	50
4331P	Each	573,00	690,00

For single use

SCU

4331P



1/100

2/100

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 1000kN.

4331T	Each	173,00
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For single use

MESSZEUGE
MIB
GERMANY

4331T



1/100

PRECISION V BLOCKS

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	97,90	162,00	219,00

SCU

4332



2/100

SURFACE PLATES

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	291,00	465,00	551,00	688,00	989,00	1.420,00

SCU

4335



2/100

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	326,00	525,00	666,00	782,00	1.170,00	1.620,00

SCU

4336



1/100

SETS OF GAUGES BLOCKS

**4339GA
4339GB
4339GC**



**Grade
0-1-2
32 Pcs**

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. SIT or DKD 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 564,00

Product description as Art. 4339GA

Accuracy grade 1.

4339GB Each 345,00

Product description as Art. 4339GA

Accuracy grade 2.

4339GC Each 235,00

Loose verification blocks, level 0 - 1 available on request.

**4340GA
4340GB
4340GC**



**Grado
0-1-2
47 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. Individual identification number. 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 783,00

Product description as Art. 4340GA

Accuracy grade 1.

4340GB Each 533,00

Product description as Art. 4340GA

Accuracy grade 2.

4340GC Each 345,00

Loose verification blocks, level 0 - 1 available on request.

**4341GA
4341GB
4341GC**



**Grade
0-1-2
87 Pcs**

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 1.210,00

Product description as Art. 4341GA

Accuracy grade 1.

4341GB Each 783,00

Product description as Art. 4341GA

Accuracy grade 2.

4341GC Each 501,00

**Loose verification blocks, level 0 - 1
and an assortment of 103 pcs, level 0-1-2 available on request.**

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Orig. MIB - Art. 06061086-06061087

Made from 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 **3.370,00**

Product description as Art. 4345GA

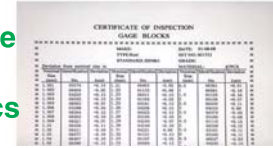
Accuracy grade 1.

4345GB Each **2.830,00**



4345GA
4345GB

Grade
0-1
47 Pcs



PLUG GAUGES

Orig. MIB

Plug gauge according to DIN 2245, PASS-NOT PASS, smooth, in special hardened steel, tolerance 7h.



4350GA

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	35,30	35,30	35,30	35,30	36,10	36,10	36,10	36,10	36,10	36,10	36,10
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	36,10	36,10	36,10	37,60	37,60	40,70	43,90	43,90	43,90	43,90	43,90
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	43,90	43,90	51,70	51,70	51,70	51,70	54,80	54,80	54,80	62,60	62,60
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	62,60	68,90	73,60	73,60	97,10	98,60	101,00	104,00	110,00	110,00	110,00
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	146,00	149,00	155,00	155,00	188,00	196,00	196,00	199,00	212,00
Nominal measure Ø	mm	88	90	92	95	98	100					
Supplier code.....		08086088	08086090	08086092	08086095	08086098	08086100					
4350GA	Each	212,00	235,00	235,00	259,00	259,00	282,00					

RING GAUGES

Orig. MIB

Ring gauge according to DIN 2250C, smooth. For measuring instruments zero setting. In hardened special steel, rectified and lapped.



4350GB

Nominal measure Ø	mm	3	3,5	4	4,5	5	6	7	8	9	10
Supplier code.....		08088100	08088101	08088102	08088103	08088104	08088106	08088107	08088108	08088109	08088110
4350GB	Each	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	54,80
Nominal measure Ø	mm	11	12	13	14	15	16	17	18	19	20
Supplier code.....		08088111	08088112	08088113	08088114	08088115	08088116	08088117	08088118	08088119	08088120
4350GB	Each	54,80	54,80	54,80	54,80	54,80	57,90	57,90	57,90	57,90	57,90
Nominal measure Ø	mm	21	22	23	24	25	26	27	28	30	32
Supplier code.....		08088121	08088122	08088123	08088124	08088125	08088126	08088127	08088128	08088129	08088130
4350GB	Each	61,10	61,10	61,10	61,10	61,10	67,30	67,30	67,30	75,20	78,30
Nominal measure Ø	mm	33	34	35	36	37	38	40	42	44	45
Supplier code.....		08088131	08088132	08088133	08088134	08088135	08088136	08088137	08088138	08088139	08088140
4350GB	Each	78,30	78,30	78,30	93,90	97,10	97,10	97,10	97,10	97,10	97,10
Nominal measure Ø	mm	46	47	48	50	52	55	58	60	62	65
Supplier code.....		08088141	08088142	08088143	08088144	08088145	08088146	08088147	08088148	08088149	08088150
4350GB	Each	116,00	116,00	116,00	126,00	134,00	134,00	141,00	141,00	157,00	157,00
Nominal measure Ø	mm	68	70	72	75	78	80	82	85	88	90
Supplier code.....		08088151	08088152	08088153	08088154	08088155	08088156	08088157	08088158	08088159	08088160
4350GB	Each	157,00	173,00	173,00	173,00	173,00	173,00	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		

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THREAD PLUG GAUGES

4350GE



M



Orig. MIB

Plug gauge according to DIN 13, PASS-NOT PASS for right metric threads, in hardened special steel, tolerance 6H.

Nominal measure Ø	mm	2	2,5	3	3,5	4	5	6	7	8	9
Pitch		0,4	0,45	0,5	0,6	0,7	0,8	1	1	1,25	1,25
Supplier code.....		08088300	08088301	08088302	08088303	08088304	08088305	08088306	08088307	08088308	08088309
4350GE	Each	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70
Nominal measure Ø	mm	10	11	12	14	16	18	20	22	24	27
Pitch		1,5	1,5	1,75	2	2	2,5	2,5	2,5	3	3
Supplier code.....		08088310	08088311	08088312	08088313	08088314	08088315	08088316	08088317	08088318	08088319
4350GE	Each	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	51,70	57,90
Nominal measure Ø	mm	30	33	36							
Pitch		3,5	3,5	4							
Supplier code.....		08088320	08088321	08088322							
4350GE	Each	65,80	65,80	90,80							

THREAD RING GAUGES

4350GF



M



Orig. MIB

Ring gauge according to DIN 13, PASS for right metric threads, in hardened special steel, tolerance 6g.

Nominal measure Ø	mm	2	2,5	3	3,5	4	5
Pitch		0,4	0,45	0,5	0,6	0,7	0,8
Supplier code.....		08088400	08088401	08088402	08088403	08088404	08088405
4350GF	Each	56,40	56,40	56,40	56,40	51,70	51,70
Nominal measure Ø	mm	6	7	8	9	10	11
Pitch		1	1	1,25	1,25	1,5	1,5
Supplier code.....		08088406	08088407	08088408	08088409	08088410	08088411
4350GF	Each	51,70	51,70	51,70	51,70	51,70	51,70
Nominal measure Ø	mm	12	14	16	18	20	22
Pitch		1,75	2	2	2,5	2,5	2,5
Supplier code.....		08088412	08088413	08088414	08088415	08088416	08088417
4350GF	Each	51,70	51,70	51,70	51,70	51,70	57,90
Nominal measure Ø	mm	24	27	30	33	36	
Pitch		3	3	3,5	3,5	4	
Supplier code.....		08088418	08088419	08088420	08088421	08088422	
4350GF	Each	67,30	67,30	87,70	87,70	101,00	

4350GL



M



Ring gauge according to DIN 13, NO PASS for right metric threads, in hardened special steel, tolerance 6g.

Nominal measure Ø	mm	2	2,5	3	3,5	4	5
Pitch		0,4	0,45	0,5	0,6	0,7	0,8
Supplier code.....		08088450	08088451	08088452	08088453	08088454	08088455
4350GL	Each	50,10	50,10	50,10	50,10	50,10	50,10
Nominal measure Ø	mm	6	7	8	9	10	11
Pitch		1	1	1,25	1,25	1,5	1,5
Supplier code.....		08088456	08088457	08088458	08088459	08088460	08088461
4350GL	Each	50,10	50,10	50,10	50,10	50,10	53,20
Nominal measure Ø	mm	12	14	16	18	20	22
Pitch		1,75	2	2	2,5	2,5	2,5
Supplier code.....		08088462	08088463	08088464	08088465	08088466	08088467
4350GL	Each	53,20	53,20	53,20	53,20	53,20	53,20
Nominal measure Ø	mm	24	27	30	33	36	
Pitch		3	3	3,5	3,5	4	
Supplier code.....		08088468	08088469	08088470	08088471	08088472	
4350GL	Each	70,50	70,50	73,60	73,60	78,30	

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THREAD PLUG GAUGES

Orig. MIB

Plug gauge according to DIN 13, PASS-NOT PASS for fine right metric threads, in hardened special steel, tolerance 6H.



4350GP

MF



Nominal measure Ø	mm	2	2,5	3	3,5	4	4	5	5	6	6
Pitch		0,35	0,35	0,35	0,35	0,35	0,5	0,35	0,5	0,35	0,5
Supplier code.....		08088500	08088501	08088502	08088503	08088504	08088505	08088506	08088507	08088508	08088509
4350GP	Each	54,80	54,80	54,80	54,80	54,80	47,10	47,10	47,10	47,10	47,10
Nominal measure Ø	mm	6	8	8	8	10	10	10	10	12	12
Pitch		0,75	0,5	0,75	1	0,5	0,75	1	1,25	0,5	0,75
Supplier code.....		08088510	08088511	08088512	08088513	08088514	08088515	08088516	08088517	08088518	08088519
4350GP	Each	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10
Nominal measure Ø	mm	12	12	12	14	14	14	16	16	18	18
Pitch		1	1,25	1,5	1	1,25	1,5	1	1,5	1	1,5
Supplier code.....		08088520	08088521	08088522	08088523	08088524	08088525	08088526	08088527	08088528	08088529
4350GP	Each	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10
Nominal measure Ø	mm	18	20	20	20	22	22	22	24	24	24
Pitch		2	1	1,5	2	1	1,5	2	1	1,5	2
Supplier code.....		08088530	08088531	08088532	08088533	08088534	08088535	08088536	08088537	08088538	08088539
4350GP	Each	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10	47,10
Nominal measure Ø	mm	25	25	25	27	27	27	30	30	30	30
Pitch		1	1,5	2	1	1,5	2	1	1,5	2	3
Supplier code.....		08088540	08088541	08088542	08088543	08088544	08088545	08088546	08088547	08088548	08088549
4350GP	Each	47,10	47,10	47,10	47,10	47,10	47,10	54,80	54,80	54,80	54,80
Nominal measure Ø	mm	33	33	33	34	34	34	35	35	35	36
Pitch		1,5	2	3	1,5	2	3	1,5	2	3	1,5
Supplier code.....		08088550	08088551	08088552	08088553	08088554	08088555	08088556	08088557	08088558	08088559
4350GP	Each	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	54,80	68,90
Nominal measure Ø	mm	36	36	42							
Pitch		2	3	1,5							
Supplier code.....		08088560	08088561	08088568							
4350GP	Each	68,90	68,90	102,00							

THREAD RING GAUGES

Orig. MIB

Ring gauge according to DIN 13, PASS for fine right metric threads, in hardened special steel, tolerance 6g.



4350GR

MF



PASS

Nominal measure Ø	mm	2	2,5	3	3,5	4	4	5	5	6	6
Pitch		0,35	0,35	0,35	0,35	0,35	0,5	0,35	0,5	0,35	0,5
Supplier code.....		08088600	08088601	08088602	08088603	08088604	08088605	08088606	08088607	08088608	08088609
4350GR	Each	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20
Nominal measure Ø	mm	6	8	8	8	10	10	10	10	12	12
Pitch		0,75	0,5	0,75	1	0,5	0,75	1	1,25	0,5	0,75
Supplier code.....		08088610	08088611	08088612	08088613	08088614	08088615	08088616	08088617	08088618	08088619
4350GR	Each	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20
Nominal measure Ø	mm	12	12	12	14	14	14	16	16	18	18
Pitch		1	1,25	1,5	1	1,25	1,5	1	1,5	1	1,5
Supplier code.....		08088620	08088621	08088622	08088623	08088624	08088625	08088626	08088627	08088628	08088629
4350GR	Each	53,20	53,20	53,20	56,40	56,40	56,40	56,40	56,40	56,40	56,40
Nominal measure Ø	mm	18	20	20	20	22	22	22	24	24	24
Pitch		2	1	1,5	2	1	1,5	2	1	1,5	2
Supplier code.....		08088630	08088631	08088632	08088633	08088634	08088635	08088636	08088637	08088638	08088639
4350GR	Each	56,40	56,40	56,40	56,40	56,40	56,40	56,40	56,40	56,40	56,40
Nominal measure Ø	mm	25	25	25	27	27	27	30	30	30	30
Pitch		1	1,5	2	1	1,5	2	1	1,5	2	3
Supplier code.....		08088640	08088641	08088642	08088643	08088644	08088645	08088646	08088647	08088648	08088649
4350GR	Each	56,40	56,40	56,40	65,80	65,80	65,80	75,20	75,20	75,20	75,20
Nominal measure Ø	mm	33	33	33	34	34	34	35	35	35	36
Pitch		1,5	2	3	1,5	2	3	1,5	2	3	1,5
Supplier code.....		08088650	08088651	08088652	08088653	08088654	08088655	08088656	08088657	08088658	08088659
4350GR	Each	75,20	75,20	75,20	75,20	75,20	75,20	75,20	75,20	75,20	95,50
Nominal measure Ø	mm	36	36	42							
Pitch		2	3	1,5							
Supplier code.....		08088660	08088661	08088668							
4350GR	Each	95,50	95,50	124,00							

4350GS



MF



Ring gauge according to DIN 13, NOT-PASS for fine right metric threads, in hardened special steel, tolerance 6g.

NOT PASS

Nominal measure Ø	mm	2	2,5	3	3,5	4	4	5	5	6	6	6
Pitch		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	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20
Nominal measure Ø	mm	8	8	8	10	10	10	10	12	12	12	12
Pitch		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	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20	53,20
Nominal measure Ø	mm	12	14	14	14	16	16	18	18	18	20	20
Pitch		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	53,20	56,40	56,40	56,40	56,40	56,40	56,40	56,40	56,40	56,40	56,40
Nominal measure Ø	mm	20	22	22	22	24	24	24	25	25	25	27
Pitch		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	56,40	56,40	56,40	56,40	56,40	56,40	56,40	56,40	56,40	56,40	65,80
Nominal measure Ø	mm	27	27	30	30	30	30	33	33	33	34	34
Pitch		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	65,80	65,80	75,20	75,20	75,20	75,20	75,20	75,20	75,20	75,20	75,20
Nominal measure Ø	mm	34	35	35	35	36	36	36	42			
Pitch		3	1,5	2	3	1,5	2	3	1,5			
Supplier code.....		08088982	08088984	08088985	08088986	08088988	08088989	08088990	08089004			
4350GS	Each	75,20	75,20	75,20	75,20	95,50	95,50	95,50	124,00			

THREAD PLUG GAUGES

4350GT



GAS



Orig. MIB

Plug gauge, PASS-NOT PASS for GAS Whitworth right threads according to DIN ISO 228, in hardened special steel.

Nominal measure Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4
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
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

4350GV



GAS



PASS

Orig. MIB

Ring gauge, PASS for GAS Whitworth right threads according to DIN ISO 228, in hardened special steel.

Nominal measure Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4
Supplier code.....		08088730	08088731	08088732	08088733	08088734	08088735
4350GV	Each	73,60	73,60	81,40	93,90	93,90	93,90
Nominal measure Ø	inch	7/8	1	1.1/4	1.1/2	1.3/4	2
Supplier code.....		08088736	08088737	08088738	08088739	08088740	08088741
4350GV	Each	110,00	110,00	138,00	138,00	173,00	180,00

4350GZ



GAS



NOT PASS

Ring gauge, NOT-PASS for GAS Whitworth right threads according to DIN ISO 228, in hardened special steel.

Nominal measure Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4
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	73,60	73,60	81,40	93,90	93,90	93,90
Nominal measure Ø	inch	7/8	1	1.1/4	1.1/2	1.3/4	2
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	110,00	110,00	138,00	138,00	173,00	180,00

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 zeroresetting.
 Neat reading.
 Centre seconds-hand: 1 turn corresponds to 30 seconds.
 Counts minutes (up to 5 minutes).
 Maximum precision.
 Dial diameter: 55mm.

SCU

4380G



4380G Each **99,40**

Product running out of stock

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 zeroresetting.
 Centre seconds-hand: 1 turn corresponds to 60 seconds.
 Upper minutes-hand counts up to 30 minutes.
 Maximum precision.
 Dial diameter: 55mm.

SCU

4382G



4382G Each **256,00**

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 zeroresetting.
 Centre seconds-hand: 1 turn corresponds to 60 seconds.
 Upper minutes-hand counts up to 30 minutes.
 Maximum precision.
 Dial diameter: 55mm.

SCU

4383G



4383G Each **261,00**

Watchcase in stainless steel.
 Movement: anchor with 7 jewels.
 1/5 second and 1/100 minute graduations.
 Water-proof-shock-proof-antimagnetic..
 Particularly indicated for taking tital and intermediate machining times and for any other application.
 Neat reading. Centre button for: winding up, start and stop.
 Left button for zeroresetting.
 Right button for intermediate times start-stop.
 Upper minutes-hand counts up to 30 minutes.
 Maximum precision.
 Dial diameter: 55mm.

SCU

4384GA



4384GA Each **517,00**

Product description as Art. 4384GA
 Model with zero setting and simultaneous restart function (split time function).

SCU

4384GE



4384GE Each **484,00**

Product running out of stock



QUARTZ CONTROLLED LED STOPWATCHES

4384GT

SCU



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 zero setting.
 Operated by 1 x SR54 battery. Operating temperature range: -15 °C to +55 °C.
 Dimensions: 66x70x21mm

4384GT Each 33,90

4385G

SCU



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 zero setting.
 Operated by 1.5 V battery. Operating temperature range: -15 °C +55 °C.
 Dimensions: 82x61x28mm.

4385G Each 49,10

4386G

SCU



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 zero setting.
 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 84,40

4390G

SCU



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 243,00

PRECISION DIAL INDICATORS

4400G

SCU



Prod. SCU - Orig. Käfer

1/10 graduations. With 1 hand for millimetres and tenths of millimetres. Stem and contact point in stainless steel.
 Zero setting 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 90,10

See accessories from Art. 4405 GA to Art. 4405 GF.

1/10

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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		43,90	50,10



4401GA
4401GB

1/100

Orig. MIB - Art. 01023005

DIN 878. 1/100 graduations. With 2 hands for millimetres and cents of millimetres. With tolerance markers.

Zerosetting 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



4402G

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.

Metal case.

Dial Ø	mm	40
Drive Ø	mm	8 h 6
Measuring capacity	mm	3
Each pointer revolution	mm	0,5
4404GA	Each	101,00



4404GA

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	101,00



4404G 1A

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	70,10



4404GB

1/100

See accessories from Art. 4405 GA to Art. 4405 GF.

4404GE SCU



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	241,00
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4404GP SCU



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.

Zerosetting by dial rotation.

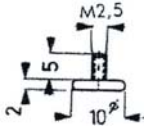
Metal case.

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	206,00
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ACCESSORIES FOR DIAL INDICATORS

4405GA SCU



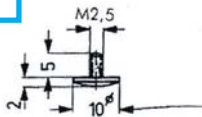
Prod. SCU - Orig. Käfer

Flat buttons Ø 10mm.

4405GA	Each	7,46
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Apt for all dial indicators Orig. Käfer.

4405GB SCU

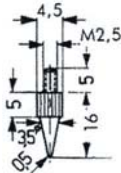


Convex buttons Ø 10mm.

4405GB	Each	9,48
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Apt for all dial indicators Orig. Käfer.

4405GC SCU

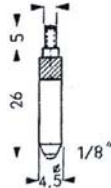


Pointed buttons Ø 10mm.

4405GC	Each	8,94
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Apt for all dial indicators Orig. Käfer.

4405GD SCU



Extended buttons Ø 10mm.

4405GD	Each	5,56
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Apt for all dial indicators Orig. Käfer.

4405GE SCU



Fixed rear attachment only for Art. 4404 GB - 4407 G.

4405GE	Each	8,74
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4405GF SCU



Lever only for Art. 4404 GB.

4405GF	Each	12,90
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Prices in EURO - VAT not included

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 **93,90**



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.

Zeroseetting 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 **192,00**



4406GA

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 **270,00**



4406GB

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 **728,00**

Stand with Ø 10mm connector can be supplied on request.



4406GC

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. Zeroseetting 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 **171,00**



4407G

1/100

WATER AND OIL TIGHT PRECISION DIAL INDICATORS
4409GB 

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	211,00
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TOLERANCE DIAL INDICATORS
4410GB 

1/100
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	131,00
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DIAL DEPTH GAUGES
4411GB 

1/100
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	380,00
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Only base apt for Art. 4411 GB.

O4411G	Each	126,00
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DIAL TEST INDICATORS, SWIVEL CONTACT POINT
4412GC 

1/100
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	175,00
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4412GF 

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	175,00
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For drive Ø 4 mm see Art. O4412 GM 4.

4412GL 

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	243,00
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For drive Ø 4 mm see Art. O4412 GM 4.

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 **211,00**

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 **18,30**

Stem fittings Ø 8 mm, inserted in the head, on comparators Art. 4412 GF - L - M. (Supplied).

O4412GM 8 Each **18,30**



4412GM



2/1000

Articulated support for comparators with hole for attacks Ø mm 4 e 8 for dial gauges with dovetail.
 Dimensions 80x12x6mm.

4412GS Each **28,70**



4412GS



Centering arches with connection pin Ø 8 mm and holes for attacks comparators Ø 4 and 8 mm.

4412GT Each **62,50**



4412GT



PRECISION DIAL INDICATORS WITH MAGNETIC HOLDER

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 **238,10**



4414G



1/100

Product description as Art. 4414G

Only magnetic holder without dial indicator.

4414GS Each **168,00**

For similar model, but with flat base see Art. 4421 A.



4414GS



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 **104,00**



4415G



1/1000

4415GB SCU



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	214,00
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4415GE SCU



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	227,00
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PRECISION DIAL INDICATORS

4418G SCU



1/100

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	201,00
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MILLESIMALI DIAL INDICATORS

4420G SCU



1/1000

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	368,00
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CENTESIMAL ELECTRONIC DIGITAL DIAL INDICATORS

4420GE MIB GERMANY



1/100

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	151,00
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4420GF MIB GERMANY



1/100

Orig. MIB - Art. 02031026

Product description as Art. 4420GE

Measuring capacity	mm	25,4
Drive Ø	mm	8 h 6

4420GF	Each	212,00
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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 8 h 6

4420GM Each **298,00**


4420GM
1/100
MILLESIMALI ELECTRONIC DIGITAL DIAL INDICATORS
Orig. MIB - Art. 02031029

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 0.01 mm. Dial diameter 57mm.

Precision 5 µm.

Measuring capacity mm 12,5
 Drive Ø 8 h 6

4420GS Each **288,00**


4420GS
1/1000
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 **86,10**


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 indicators Ø 8mm.

Without dial indicator.

Magnet force N 180
4421A Each **84,90**

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 **34,50**


4421B

4421BE

MIB
 MESSZEUGE
 GERMANY
**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	42,30

4421C

MIB
 MESSZEUGE
 GERMANY
**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	90,80

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	76,10

4421F

MIB
 MESSZEUGE
 GERMANY
**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	64,20

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

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	416,00	480,00	853,00	1.350,00

Dimensions 620mm with flat base, instead of prism-shaped base.



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	65,80



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	257,00
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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 285mm. Column diameter 26mm. Holder opening for dial indicators Ø 8mm. Without dial indicator.

4421S	Each	283,00
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DIAL BORE GAUGES

Prod. SCU

Interchangeable rods in chromed steel, ground. Hardened contact points. Holding case. For dial indicators with reading graduations 1/10 and 1/100 of mm. Without dial indicator.

For int Ø by	mm	15-35
For depths up to	mm	130
4423E	Each	314,00

It is advisable to use the dial indicators Art. 4400G - 4404 GB.



4423F SCU



Product description as Art. 4423E
Without dial indicator.

For int Ø by mm 30-100
For depths up to mm 210

4423F Each **362,00**

It is advisable to use the dial indicators Art. 4400G - 4404 GB.

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 **385,00**

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 **600,00**

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 of mm. Interchangeable rods in chromed steel, rectified.
Holding case.
Dial indicator included.

For int Ø by mm 6-10
For depths up to mm 50
Dial Ø mm 40

4424A Each **170,00**

4424B MIB HARTMETALL 1/100



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 **145,00**

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 **147,00**

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Prices in EURO - VAT not included

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



HARTMETALL 1/100

4424E



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	158,00



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	174,00



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	251,00



HARTMETALL 1/100

4424L



DIAL CALIPER GAUGE FOR INTERNAL MEASUREMENTS

Orig. MIB

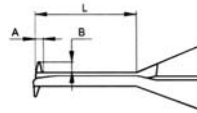
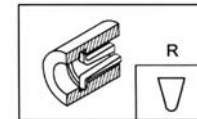
Dial gauge for quick measuring of internal holes, slots, etc. Precision $\pm 0,02$ of mm, reading 1/100 of mm. Sizes 5-15mm and 5-25mm with rounded points R 0.3. Sizes 10-30/20-40/30-50mm with rounded points R 0.5. Holding case.

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	298,00	313,00	337,00	345,00	353,00



1/100

4424S



DIAL CALIPER GAUGE FOR EXTERNAL MEASUREMENTS

Orig. MIB

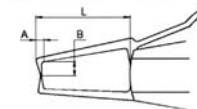
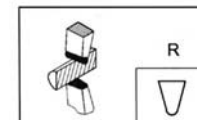
Dial gauge for quick measuring of internal holes, slots, etc. Precision $\pm 0,02$ of mm, reading 1/100 of mm. Size 0-10mm with rounded points R 0.5. Size 0-20/10-30/20-40/30-50mm with rounded points R 0.75. Holding case.

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	282,00	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

101,00

4425GP

SCU



Product description as Art. 4425G

Plastic body.

4425GP

Each

56,60

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

12,60

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

97,50

4426GP

SCU



Product description as Art. 4426G

Plastic body and base, can be mounted on walls.

4426GP

Each

56,60

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

12,60

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 **97,50**

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 **97,50**

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 **78,50**

SCU



4429A

HAND TACHOMETERS

Prod. SCU

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 **601,00**

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 **210,00**

SCU



4430GCA



Set of self-adhesive reflective strips (10 pcs.), for Art. 4430 GCA - 4430 GD - 4430 GF.

04430GCA Per series **34,30**

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 **309,00**

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: 5 - 19999 rev./min.
 Field of measurement with infrared: 5 - 99999 rev./min.
 For infrared 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 ray fro 50 to 500 mm.
 Incorporated memory for recalling 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 **335,00**

Spare parts supplied on request.

Self-adhesive reflective strips, 60cm, for Art. 4430 GE.

O4430GE Each **15,20**

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 **432,00**

For additional reflective strips see Art. O4430 GCA.

4430GH 1 SCU



SPARE ACCESSORIES FOR ART. 4430 GF
 Extension.

4430GH 1 Each **17,20**

4430GH 2 SCU



SPARE ACCESSORIES FOR ART. 4430 GF
 6" wheel for peripheral speed.

4430GH 2 Each **44,50**

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Prices in EURO - VAT not included

SPARE ACCESSORIES FOR ART. 4430 GF

0.1m wheel for peripheral speed.

4430GH 3	Each	34,30
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SPARE ACCESSORIES FOR ART. 4430 GF

Convex pointer.

4430GH 4	Each	34,30
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SPARE ACCESSORIES FOR ART. 4430 GF

Tapered pointer.

4430GH 5	Each	34,30
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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
Shaft side	right	right	left	left
Rotation	right	left	right	left
Each	84,90	89,60	89,60	89,60



Removable key for zerosetting. 1 rev. = 1 unit.

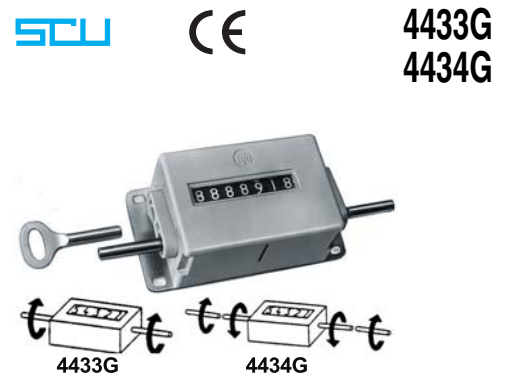
Adds in one direction. Subtracts in the opposite direction. Right hand shaft.

Ciphers height	mm	4,5
No. of ciphers		6
Wheels Ø	mm	4
Max speed	rev/min	3000
Base dimensions	mm	60x70
4433G	Each	136,00

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	189,00

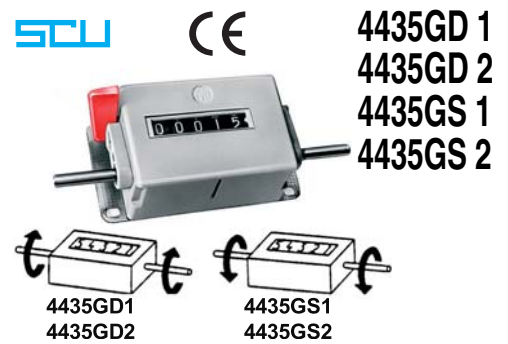


Adds in one direction. Subtracts in the opposite direction.

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
	mm	120x64		
Each	154,00	258,00	154,00	258,00



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
Base dimensions	mm	93x47x32	130x67x53	93x47x32
	mm			130x67x53
Each	126,00	198,00	126,00	198,00



REVOLUTION COUNTERS

4437GD
4437GS

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 counter 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	4437GS
Rotation	right	left
Ciphers height	mm 7	7
No. of ciphers	5	5
Max speed	rev/min 6000	6000
Base dimensions	mm 142x88	142x88
Each	927,00	1.120,00

4438GD
4438GS

SCU

Prod. SCU

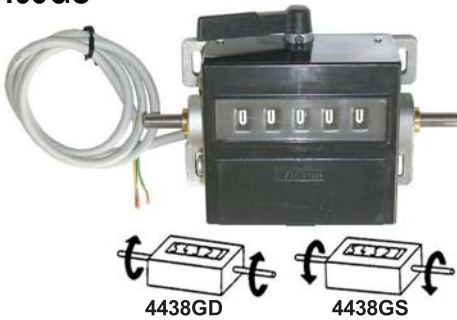
Electrical ADDITIONING system.

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	416,00	416,00

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	91,20	91,20	91,20	91,20

4440GE 1
4440GE 2
4440GE 3
4440GE 4

SCU

Prod. SCU

Adds in one direction.

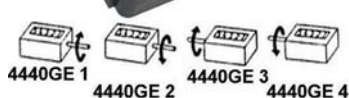
The lever automatically goes back to the starting point. Each stroke corresponds to one number.

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	56,50	56,50	56,50	56,50

Available on request mounting bases.

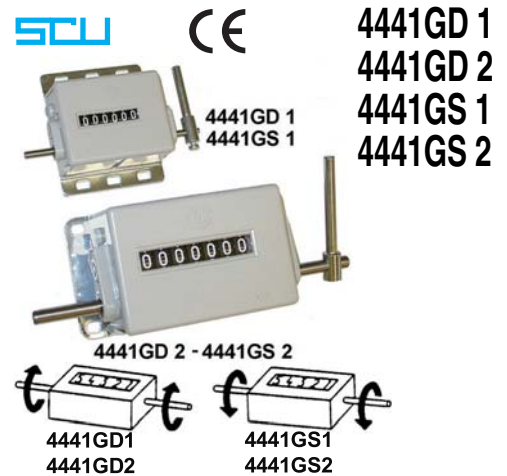
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Prices in EURO - VAT not included

Prod. SCU - Orig. IVO

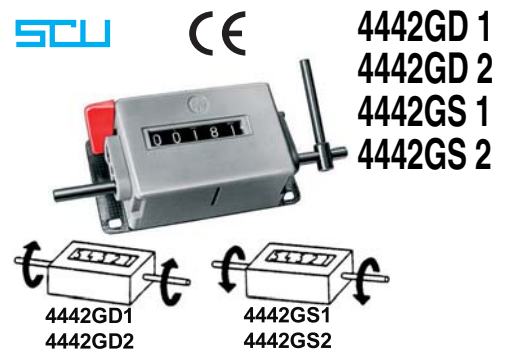
Removable key for zeroresetting.
 Adds in one direction.
 The lever automatically goes back to the starting point. Each stroke corresponds to one number.
 Lever travel: min. 38°, max. 60°.
 Max number of strokes: approx. 500 per min.
 The lever can be adjusted in any position of the shaft.
 Knob for instantaneous zeroresetting.

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	126,00	192,00	126,00	192,00



Movable lever for instantaneous zeroresetting.
 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 zeroresetting.

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	158,00	258,00	158,00	258,00



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	126,00	126,00



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	162,00
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METER COUNTERS

Prod. SCU - Orig. IVO

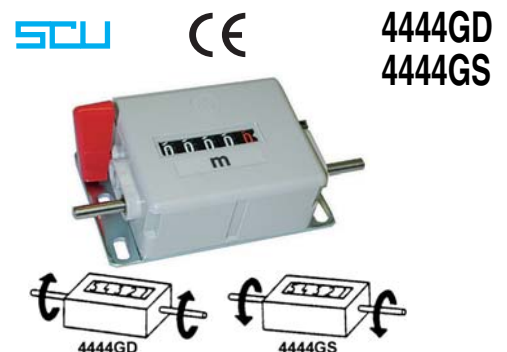
Adds in one direction. Subtracts in the opposite direction. 5 rev. = 1 metre.
 For wheels circumference 200mm.
 Max speed 200 metre per min.
 Zeroresetting by means of movable lever.
 Counts up to 9999.9 metres. Shaft diameter 4mm.
 Digits height 4.5mm. Base dimensions 80x48mm.
 Right shaft rotation, without wheel.

4444GD	Each	158,00
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Product description as Art. 4444GD
 Left shaft rotation, without wheel.

4444GS	Each	158,00
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For wheels see Art. 4452 GA-B-C



4445GA
4445GB



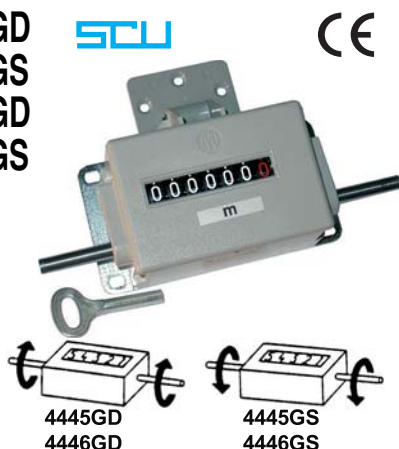
Prod. SCU

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.....	4445GA	4445GB
Rotation	right	left
Each	126,00	126,00

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.
Shaft diameter 7mm.
Digits height 7mm. Base dimensions 120x64mm.
Without hinge and without wheels.

Art.....	4445GD	4445GS
Rotation	right	left
Each	192,00	205,00

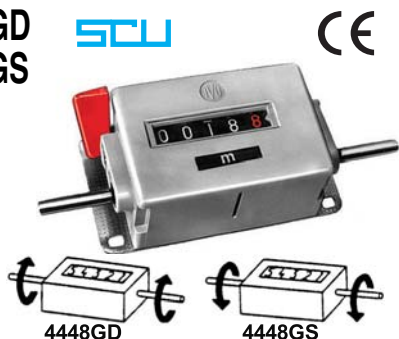
Product description as Art. 4445GD

With hinge, without wheel.

Art.....	4446GD	4446GS
Rotation	right	left
Each	200,00	200,00

For wheels see Art. 4453 A-B-C.

4448GD
4448GS

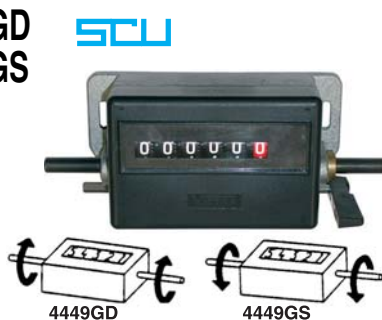


Adds in one direction. Subtracts in the opposite direction. 2 rev. = 1 metre.
For wheels circumference 500mm.
Max speed 200 metre per min.
Instantaneous zero-setting by means of lever movable on both sides.
Counts up to 9,999.9 metres.
Shaft diameter 7mm.
Digit height 7mm. Base dimensions 120x64mm.
Without wheel.

Art.....	4448GD	4448GS
Rotation	right	left
Each	246,00	246,00

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.
Digit number 6. Digit height 7mm. Dimensions 130x67x53mm.
Without wheel.

Art.....	4449GD	4449GS
Rotation	right	left
Each	198,00	198,00

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.
 Zeroseeting 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 wheel circumference 500mm..
 For alternate current up to V 220.
 Without wheel.



4450GD
4450GS



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.

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 commuter is activated according to basic operation settings.
 Counts up to 9,999.9 metres. Shaft diameter 8m. 2 rev. = 1m.
 Digit number 5. Digit height 8mm. Dimensions 130x87x57mm.
 Contact range 1 A 24 V d.c.
 Without wheel.



4451GD
4451GS



Art.	4451GD	4451GS
Rotation	right	left
Each	416,00	416,00

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.



4452GA
4452GB
4452GC
4452GE

4452GA	Each	69,20
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Product description as Art. 4452GA

Engrailed rubber surface.

4452GB	Each	81,80
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Product description as Art. 4452GA

Smooth plastic surface.

4452GC	Each	66,00
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Product description as Art. 4452GA

Pitted rubber surface.

4452GE	Each	25,10
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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.



4452GL
4452GM

4452GL	Each	32,30
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Product description as Art. 4452GL

Pitted rubber surface.

4452GM	Each	25,10
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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 right hand rotation (D) and left hand rotation (S).

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 knurled
	Each	53,70	58,40	58,40

Spare rubber band for Art. 4453 B.
O4453E Each **13,90**

Spare rubber band for Art. 4453 C.
O4453F Each **13,90**

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 **53,80**

Product description as Art. 4453L
Knurled rubber surface.
4453M Each **57,40**

Spare rubber band for Art. 4453 M.
O4453P Each **18,90**

METER-COUNTERS FOR CABLES

4453R

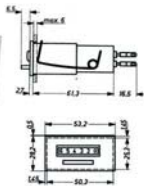


Prod. SCU
Suitable for measuring any cable or rope having diameter from 2.5 to 10mm.
Quick reset by upper key.
Body in die-cast aluminium. Count to 999.9 m.
Right shaft side, right rotation. 1 rev. = 200mm. Dimensions 130x90x90mm.
Supplied with wheel, circumference 200mm and square, made of sheet.

4453R Each **122,00**

IMPULSE COUNTERS

4454GA
4454GB
4454GE



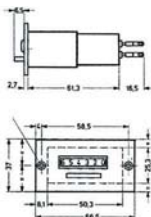
Prod. SCU - Orig. IVO
To be enclosed, with spring fastening.
Electric ADDING system. Works as revolution and stroke counter.
Can be connected at any distance from the impulse-sender mounted on the operating machine.
Max speed 10 impulses per sec. The impulse must not last less than 25 milliseconds. 1 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 **183,00**

Product description as Art. 4454GA
For alternate current 110 V.
4454GB Each **183,00**

Product description as Art. 4454GA
For alternate current 230 V.
4454GE Each **142,00**

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 **154,00**

Product description as Art. 4455G
For alternate current 110 V.
4456G Each **142,00**

Product description as Art. 4455G
For alternate current 230 V.
4457G Each **142,00**

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Prices in EURO - VAT not included

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
 Zerosetting button. Speed: 10 impulses per sec. Push the zerosetting 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 description as Art. 4459GA

For alternate current 110 V.

4459GB Each **585,00**

Product description as Art. 4459GA

For alternate current 230 V.

4459GE Each **585,00**



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.
 Zerosetting button. Speed: 10 impulses per sec. Push the zerosetting 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.

4460GA Each **369,00**

Product description as Art. 4460GA

For alternate current 110 V.

4460G 1A Each **512,00**

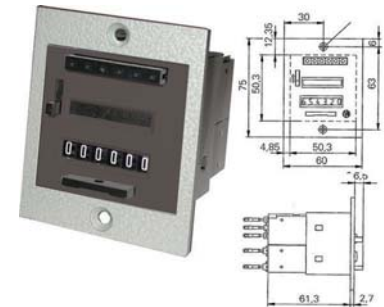
Product description as Art. 4460GA

For alternate current 230 V.

4460GB Each **369,00**



4460GA
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 **1.320,00**



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.I.gs.626/94. Protection level: IP 20. Class I.

Frame in drawn tubes, baking painted. Arm length 108 cm.
Power 60 W, 230 V. Reflector diameter 160mm.

With clamp fastening.
Without electric bulb.

4462	Each	147,00
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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
new

IP21


Pantograph model with incandescent light.

Manufactured in compliance with CEI safety standards and D.I.gs.626/94. Protection level: IP 20. Class I.

Frame in drawn tubes, baking painted. Arm length 108cm.
Power 60 W, 230 V. Reflector diameter 205mm.

With clamp fastening.
Without bulb.

4462L	Each	196,00
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4463L SCU

IP20


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, 230 V. Reflector diameter 160mm. With clamp fastening for desk mounting. With plug and switch.

Without electric bulb.

Joints number

4

4463L	Each	236,00
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For protective grid Ø 165mm see Art. 4462 E.

4464 SCU

IP20


Professional model with 3 articulations and incandescent light.

Manufactured in compliance with CEI safety standards and D.Lgs. n° 626-94 and security standard CEI44-5, plant engineering standard D.L. Vo 626/94.

Protection level: IP 20 Class I. Sturdy finish which grants long duration in application requiring continuous positioning.

Arm length 87cm. Power 75 W, 250 V.
Reflector diameter 200mm.

With clamp fastening.
Without electric bulb.

4464	Each	296,00
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Product running out of stock

4465 SCU

IP20


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: 2 x 15 W, 230 V fluorescent tubes.

Reflector size 485x92mm.

With clamp connection.

4465	Each	459,00
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ADDITIONAL ACCESSORIES

Base with holes for desk mounting (for Art. 4462/4462L/4464/4465/4465P).

4465A Each **20,60**

SCU



4465A

ADDITIONAL ACCESSORIES

Base with holes for wall mounting (for Art. 4462/4462L/4464/4465/4465P).

4465B Each **20,60**

SCU



4465B

ADDITIONAL ACCESSORIES

Cast iron base Ø 256mm, weight 10.1 (for Art. 4462/4462L).

4465E Each **116,00**

SCU



4465E

PROFESSIONAL/INDUSTRIAL model, with 3 articulations 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. In very sturdy tubular stainless steel, also apt for applications under continuous mechanic stress. Reflector articulation with 270° vertical movement, 220° horizontal rotation. Electrical cable inside the structure, bulb protected by hardened glass. Arm length 80cm. Power 50 W, 230/12 V with transformer.

Reflector external diameter 85mm.

With fixed base and holes for desk mounting.

4466 Each **503,00**

SCU



4466

IP65



PROFESSIONAL / INDUSTRIAL model, with 3 articulations and LED light, high brightness, long life and low power consumption that allow a great reduction in costs during extended use.

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. Tubular stainless steel, very sturdy, suitable for use even in the presence of continuous mechanical stress. Very sturdy finish, in stainless steel, also apt for applications under continuous mechanic stress. Reflector articulation with 270° vertical movement, 220° horizontal rotation. Electrical cable inside the structure, bulb protected by hardened glass. Arm length 80cm. Power 5 W, 230/12 V with transformer in the base.

Reflector external diameter 70mm.

With fixed base and holes for desk mounting.

4466L Each **611,00**

SCU



4466L
new

IP65



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



PROFESSIONAL/INDUSTRIAL model with flexible arm and halogen light.

Protection level: IP 65. Class II. Sturdy finish, completely adjustable. Electrical cable inside the structure; bulb protected by hardened glass.

Power 230/12 V with transformer.

With magnetic base.

Arm length	cm	45
Power	W	50
Reflector external Ø	mm	85

4468C Each **532,00**

SCU



4468C



IP65



Product running out of stock

ATEX BATTERY XENONLIGHTS
4470A **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.2 x 1.5 V alkaline batteries (AAA-type - Art. 3600 C), included. Autonomy: approx. 2 hours of continuous use. Brilliancy 10 Lumen. With pocket clip. Length 143mm.

4470A	Each	37,20
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4470B **SCU** **IP68** **CE**


Xenon

Product description as Art. 4470A

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
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Support to fix the lamps to helmets supplied on request.

BATTERY LED FRONT LAMPS
4471A **SCU** **CE**
**Prod. SCU**

Head/cap/helmet lamp, it leaves the operator's hands free.

In sturdy plastic material with rubber gaskets and large adjustable fabric elastics for tight and comfortable fixing. Vertically adjustable. Resistant to water sprouts, dust, etc.

Operated by 3 alkaline batteries (AAA-type - Art. 3600 C), included. With on/off switch.

Front light with 10 ultra-light LED to see at a distance. Four-position switch to adjust light intensity and turn on and off. Weight 125g.

4471A	Each	25,10
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Ad esaurimento scorte verrà fornito tipo con 1 LED extra-luminoso di grande potenza, IP44.

4471AE **SCU** **IP54** **CE**


To be placed on head or to be attached to cap or helmet, leaving hands free.

Made of light ABS resistant to impacts with wide adjustable elastic fabric straps for steady and comfortable fastening. Vertically adjustable.

Operation with 3 alkaline batteries (AAA - Art. 3600 C), included. With switch and sensor for start-up with the movement of a hand.

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
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4471C **SCU** **CE**


Professional model to be placed on the CAP or the helmet, leaving hands free for the Aluminium alloy with adjustable elastic fabric for a comfortable balance. Vertically adjustable to 180°.

4 operation the rechargeable batteries (model AA-art. 3602) supplied with 100 charger-240 V.

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	103,00
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ATEX BATTERY LEDLIGHTS
4471E **SCU** **IP68** **ATEX ZONE 1 IIB T4**
**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.

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	46,10
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Product description as Art. 4471E

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 **84,20**

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 **21,80**



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**



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 and clip.

Luminous flux with 3 LEDs, ultra-bright.

Length 88mm.

Operated by No.1 x 1.5 V alkaline batteries (AAA-type- Art. 3600 C), included.

4471GA Each **8,46**

Product running out of stock



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.

Luminous flux with 8 LEDs, ultra-bright.

Length 140mm.

Operated by No.2 x 1.5 V alkaline batteries (AA-type- Art. 3600 E), included.

4471GB Each **13,60**

Product running out of stock



Orig. Carolus - Art. 9930.000

Compact aluminium, but great power of light.

With switch.

Light flow with 14 LEDs, ultra-clear.

Two-position switch to adjust the light and flashing light function.

Length 120mm.

Operated by 3 alkaline batteries, 1.5 V (AAA type - Art. 3600 C), provided.

4471GBC Each **9,86**

When the stocks will be run out we will provide the lamp with 1 LED high power, ultra-clear.



Prod. SCU

In aluminium, compact dimensions but big light power and wide radius of action. Particularly suitable for outside applications, water- and dustproof IP 65.

With on/off switch.

Luminous flux with high-efficiency 3 W Power-LED.

2-position selector switch for light control and flashing function.

Length 120mm.

Operated by No.3 x 1.5 V alkaline batteries (AAA-type- Art. 3600 C), included.

4471GBE Each **27,90**

Product running out of stock





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
 Luminous flux with 8 LEDs, ultra-bright.
 Length 110mm.
 Operated by No.3 x 1.5 V alkaline batteries (AAA-type- Art. 3600 C), included.

4471GC Each 14,40



Light and shock-proof ABS.
 Length 170mm complete with belt. Suitable to light narrow spaces with reduced visibility for mechanics, fine mechanics, electronics operations, car repairing and inspections, etc.
 Operated by 3 alkaline batteries (AAA-type - Art. 3600 C), not included. With on/off switch.
 Front light with 5 UV ultra-bright LED and side light with 10 ultra-light LED. Autonomy: approx. 15 hours of continuous use.

4471L Each 47,30

For battery charger with 4 rechargeable batteries for lamp Art. 4471 L see Art. 3603 and Art. 3604. Product running out of stock



Made of light and durable ABS with a sturdy rubber casing to increase shock absorption.
 Length 210 mm, complete with rotating hook and magnet. Suitable to light large areas, for any test, inspection or work.
 Operation with 3 alkaline batteries (AAA - Art. 3600 E), included. With switch.
 With lateral light with 18 ultra bright LEDs with special optical lens. Autonomy 6 hours of continuous use.

4471LA Each 21,80

Product running out of stock

LED RECHARGEABLE CORDLESS LIGHTS



new

Prod. SCU
 Professional pocket type, with adjustable concentration of the light beam to illuminate large near areas or punctiform distant areas.
 Lithium ion battery (Li-ion) rechargeable through the car cigarette lighter socket. With switch.
 Front light with very bright LED.

4471LB Each 55,70



new

Model coated in sturdy rubber to increase shock absorption and for an excellent handling.
 Articulated to tilt lamp, hook and magnet. Suitable to light large areas, for any control, inspection and work.
 Rechargeable lithium ion battery (Li-ion), with 100-240 V - 50/60 H battery charger and 12 V car charger, supplied. 2 switches. Front light with 5 ultra bright CREE LEDs; side light with 8-SMD SEOUL LEDs (up to 6 times brighter than conventional LED).

4471LC Each 91,30



new

Angle type in lightweight and durable ABS.
 Length 250 mm complete with swivel hook and magnet.
 Suitable for light large areas, for any control, inspection and work. Built-in rechargeable battery with 2 chargers: 1 of 100/240 V and 1 of 12 V with car cigarette lighter socket, supplied. With switch.
 High power and brightness front light with 5 LEDs and side light with 2 ultra-clear LEDs, with special optical lens. Autonomy: ca. 2.5 hours of continuous use.

4471LF Each 47,40

11

In very sturdy rubbery material that allows to absorb shocks and crushing, making the lamp wear resistant.

Length 320 mm complete with swivel hook and two integrated magnets in the handle. Resistant to water splashes (IP 54), dust, etc.

Suitable for light large areas, for any control, inspection and work. Built-in rechargeable battery with 2 chargers: 1 for 100/240 V and 1 for 12 V with car cigarette lighter socket supplied, supplied. With switch.

Side light with 27 ultra-clear LEDs. Autonomy: ca. 4/5 hours of continuous use.

4471PA Each **85,30**



In light and resistant ABS with housing in sturdy rubber to increase shock absorption.

Length 260mm, complete with steel revolving hook. Resistant to water sprouts (IP 64), dust, etc. Suitable to light large areas with reduced visibility, for any control, inspection and working operation. Provided with incorporated rechargeable battery with 2 chargers, 1 for 100/240 V and 1 for 12 V with cigarette lighter connection for the car, supplied. With on/off switch.

Front light with 1 high power, ultra-bright LED and side light with 36 ultra-light LEDs. Autonomy: between 4 and 12 hours continuous use.

4471PE Each **91,30**



Product running out of stock

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 **14,90**



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 **24,00**



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 **13,20**

4472GCE SCU



IP54

Professional model for universal use, equipped with a hook to hang and with rubber feet, with switch.
Made of 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**

ELECTRIC PORTABLE LAMPS

4472GD SCU



Prod. SCU
Standard model, energy efficient.
White light, high brilliancy.
Electronic lamp, 240 V. Lamp holder with 5m long cable, plug and hook.
Total length 48cm approx.

Power W 8
4472GD Each **24,30**

Product running out of stock

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**

4472GE 1 SCU



IP44

Professional model with switch protected from water squirts and dust.
White light, high brilliancy, energy saving. Interchangeable fluorescent tube.
Electronic lamp 230 V. Lamp holder with 5m long cable, plug and hook.
Total length 47cm approx.

Power W 11
4472GE 1 Each **46,80**

When the stocks will be run out, we will provide a version with not interchangeable LED and with IP54 protection.

4472GFA SCU

new



IP54

Professional model with switch protected from water squirts and dust (IP 54).
Particularly sturdy and shock resistant. 54 long-life LEDs for an ultra-bright light, with anti-glare protective tube. With sturdy rubber grip.
Current 220-240V. Socket with m5 cable, plug and hook.
Overall length cm 45. Energy saving.

Power W 5
4472GFA Each **47,40**

Product description as Art. 4472GFA

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	74,40



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 240 V. Lamp holder with 5m long cable, plug and hook. Resistant to dust and water squirts (IP54). Neon lamp total length 1120mm approx. Length of spring extending support from 1150 to 1700mm.

Power	W	21
4472GT	Each	105,00



ELECTRIC CLAMPING PORTABLE LAMPS

Industrial work lamp, cold light, portable, very sturdy, for demanding use, even under difficult conditions, both indoors and outdoors. High brightness (more than 400 W halogen) and high energy saving.

Tubular steel frame and casing made of reinforced synthetic material, shock-proof. Electronic power regulator. Protection against dust and splash-proof (IP 54).

With SCHUKO Socket 1, and 1 plug socket according to EEC standards with 3 poles (2 phases 220-250 V + Earth) to 16 (IP44) with protective caps. Complete with neoprene rubber cable, 5 m and 3 to 36 W light bulbs each.

4472GVE	Each	261,00
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Product running out of stock



SOL Sicutool iPad App for Distributors and Users

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- Check availability and prices
- Order
- Check the order status
- Track the delivery
- Access the archive of orders and TD.

HALOGEN LAMPS

4472GZ SCU

IP44

Prod. SCU

Halogen lamp, high brightness and energy saving. Resistant to water squirts (IP 44). Sturdy stand in steel tubes and ergonomic handle. Shock-proof. Adjustable vertical rotation. Complete with 1m long cable and plug. 230 V (IP 20).

Power	W	350/400
4472GZ	Each	35,50

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. Adjustable vertical rotation. Complete with 5m cable and 230 V plug (IP 20).

Power	W	350/400
4473G	Each	52,40

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	59,20

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. Adjustable vertical rotation. Complete with 5m long cable and plug. 230 V (IP 20).

Power	W	350/400
4473G 5	Each	82,90

LED LAMPS

4473G 8 SCU

IP65

Prod. SCU

Portable and sturdy model with highly efficient, energy saving LED-CHIP technology (10 times less than halogen projectors), extremely bright (2300 lm) and long life up to 30,000 hours. Holder made of aluminium and steel. Resistant to dust and to splashes of water (IP 65). Stable steel tube frame and ergonomic handle. Adjustable lamp.

Complete with 5 cable and 230 V plug.

Power	W	30
4473G 8	Each	142,00

On request available LED-CHIP projectors with rechargeable lithium-ion battery power 20 W, 1300 lm, Art. 4473 G FC 8B.

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
4473G 8R	Each	127,00	168,00	230,00

SCU



4473G 8R
new

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	79,50
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SCU



4473G 8V
new

POWER SOCKETS

Prod. SCU

Smooth slipper type with 4 sockets bypass 10 A / 16 A. Body in plastic. With power cord, section 3x1,5 mm², length 1.5 m. Square plug 16 A.

Colour white.

4473G 9A	Each	6,04
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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 mm², length 1.5 m. Square plug 16 A.

Colour white.

4473G 9E	Each	7,14
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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 mm², length 1.5 m. Square plug 16 A.

Colour white.

4473G 9L	Each	14,30
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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 mm² 3x1, length 1.4m. 16 A plug. Multiple socket outlet length 330mm. Colour black.

4473G 10	Each	14,90
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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 mm² 3x1.5, length 3 m. The excess cable can remain rolled up in place. Length of power strip 470 mm.

4473G 12	Each	43,30
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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 section	mm ²	3x1
Max wound/unwound cable max absorption	W	1000/1900

4473GA	Each	53,30
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When the stocks will be run out the cable section will become 3x1.5 mm², black.

4473GB SCU



IP20



Prod. SCU

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 section	mm ²	3x1,5
Max wound/unwound cable max absorption	W	1000/3500

4473GB	Each	154,00
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4473GBE SCU



IP44



Heavy industrial model (33m, 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 section	mm ²	3x1,5
Max wound/unwound cable max absorption	W	1000/3500

4473GBE	Each	110,00
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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 230 V. Red light for overheating protection.

Cable included.

Cable length	m	10
Multiple cable for section	mm ²	3x1,5
Max wound/unwound cable max absorption	W	1000/3500

4473GC	Each	39,90
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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 section	mm ²	3x1,5
Max wound/unwound cable max absorption	W	1000/1900

4473GCA	Each	57,20
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Prices in EURO - VAT not included

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 section	mm ²	3x1,5
Max wound/unwound cable max absorption	W	1000/3500
4473GD	Each	59,70



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 section	mm ²	3x1,5	3x1,5
Max wound/unwound cable max absorption	W	1000/3500	1000/3500
4473GE	Each	94,70	153,00



Product description as Art. 4473GE
 Empty cable drum.

For cables length	m	25	50
Max wound/unwound cable max absorption	W	1000/3500	1000/3500
4473GF	Each	44,10	44,10



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 max absorption

	W	1000/3500
4473GP 50	Each	153,00



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 section	mm ²	3x1,5	3x1,5
Max wound/unwound cable max absorption	W	1000/3500	1000/3500
4473GV	Each	105,00	168,00



4474GB SCU



IP44



Heavy industrial model. In special unbreakable plastic. Sturdy structure in steel tube with ergonomic carrying handle. With 1 socket SCHUKO, plug and 2 sockets according to EEC standard, with 3 poles (2 phases 230V + ground). Red light for overheating protection and protection caps. Cable included.

Cable length	m	50
Multiple cable for section	mm ²	3x1,5
Max wound/unwound cable max absorption	W	1000/3500
4474GB	Each	186,00

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 socket SCHUKO, plug and 2 sockets according to EEC standard, with 3 poles (2 phases 230V + ground). Red light for overheating protection and protection caps. Cable included.

Cable length	m	25
Multiple cable for section	mm ²	3x2,5
Max wound/unwound cable max absorption	W	1000/3500
4474GC	Each	200,00

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 section	mm ²	4x2,5
Max wound/unwound cable max absorption	kW	2,4/11
4474GD	Each	301,00

4474GE SCU



IP44



Heavy industrial model. In special unbreakable plastic. Sturdy structure in steel tube with ergonomic carrying handle. With 2 sockets SCHUKO, plug and socket according to EEC standard, with 5 poles (triphas 400V + ground + neutral). Red light for overheating protection and protection caps. Cable included.

Cable length	m	30
Multiple cable for section	mm ²	5x1,5
Max wound/unwound cable max absorption	W	2400/11000
4474GE	Each	234,00

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
Drive cable length	m	1,5	1,5
Multiple cable for section	mm ²	3x1,5	3x1,5
Type of cable		plastic	rubber
Dimensions	mm	370x270x100	380x330x162
Max wound/unwound cable max absorption	W	1200/1800	1000/2300
4474GM	Each	112,00	219,00

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 247,00


INDUSTRIAL PLUGS AND OUTLETS
Prod. SCU

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 4,48



Product description as Art. 4474GTA
CEE plug 4-pole (three-phase 400 V + earth) 16 A.

4474GTB Each 4,98



Product description as Art. 4474GTA
Spina CEE a 5 poli (trifase 400 V + neutro + terra) 16 A.

4474GTC Each 9,98



Product description as Art. 4474GTA
CEE socket, 3-pole (2 phase 230 V + earth) 16 A.

4474GTD Each 7,32



Product description as Art. 4474GTA
CEE socket 4 pole (three-phase 400 V + earth) 16 A.

4474GTE Each 8,42



Product description as Art. 4474GTA
CEE socket 5-pole (three-phase 400 V + neutral + earth) 16 A

4474GTF Each 11,70



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 **27,10**

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 **40,60**

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 **57,50**

4474GTP SCU



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 **13,40**

4474GTR SCU



Product description as Art. 4474GTA

Adapter with 1 CEE plug with 3 poles (2 phases 230 V + earth) 16 A and 2 sockets bypass 10 A / 16 A.

4474GTR Each **15,10**

4474GTS SCU



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 **12,90**

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Product description as Art. 4474GTA

Adapter with 1 single pass plug 16 A and 1 CEE socket, 3-pin (2 phases 230 V + earth) 16 A.

4474GTV Each **11,90**

SCU **CE** **4474GTV**



Product description as Art. 4474GTA

Adapter with 1 SCHUKO plug 16 A and 1 CEE socket, 3-pin (2 phases 230 V + earth) 16 A.

4474GTZ Each **14,20**

SCU **CE** **4474GTZ**



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 **64,30**

SCU **CE** **4475A**



For flameproof blanket see Art. 3403 E 1.

CARBON MONOXIDE DETECTORS

Prod. SCU

Made of 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. Powered by one 9 V alkaline battery (3600 M), supplied.

Dimensions 100x85 mm. 3 year guarantee.

4475B Each **117,00**

SCU **CE** **4475B**



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. Accuracy automatic adjustment. Automatic switch-off after measuring. Low battery indicator.

Power supply: 1 alkaline 9 V battery, not included (see Art. 3600 M).

4475GF Each **47,40**

SCU **CE** **4475GF**



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 15% to 33% for building materials.

Power supply: 1 alkaline 9 V battery, not included (see Art. 3600 M).

4475GM Each **47,40**



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
new



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 **206,00**



ELECTRO ENGRAVES

4475GS SCU
4475GT
4475GU
4475GV



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 **60,90**

Spare points in Hartmetall Art. 4475 GS.

4475GT Each **11,90**

Spare diamond points to engrave glass and ceramics for Art. 4475 GS.

4475GU Each **57,50**

Spare point coupling for Art. 4475 GS.

4475GV Each **4,22**



11

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.

4475GVE Each **543,00**

Spare electrode for engrave Art. 4475 GVE.

In unit pack of 10 pcs.

Size **1**
O4475GVE Per pack **33,40**

SCU

4475GVE



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.

Equipment complete with hardened steel point.

Overall length mm 140
 No. of vibrations per minute 20000
 Air drive inch 1/4
 Noise level dB 78
 Vibrations m/s² < 2,5
 Weight Kg 0.2

4475GZ Each **225,00**

Operating pressure: Atm 6÷7.

Spare points in hardened steel for Art. 4475 GZ.

O4475GZA Each **83,70**

PNEUTEC
 DRUCKLUFTWERKZEUGE

4475GZ



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.

Colour: white

4475L Per pack **10,60**

SCU

4475L
new



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 **0,66**

SCU

4475R 1



Product description as Art. 4475R 1

Yellow colour.

4475R 2 Each **0,66**

SCU

4475R 2



Product description as Art. 4475R 1

Red colour.

4475R 3 Each **0,66**

SCU

4475R 3



Product description as Art. 4475R 1

Blue colour.

4475R 4 Each **0,66**

SCU

4475R 4



Product description as Art. 4475R 1

Black.

4475R 5 Each **0,66**

SCU

4475R 5



4475T

SCU



MARKERS HOLDER

Suitable for markers Art. 4475 R 1 R 5.

Length 115 mm.

Supplied without chalks.

4475T Each 17,40

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.

4476 1A Each 1,22

4476 2A

SCU



Product description as Art. 4476 1A

Blue.

4476 2A Each 1,22

4476 3A

SCU



Product description as Art. 4476 1A

Yellow.

4476 3A Each 1,22

4476 4A

SCU



Product description as Art. 4476 1A

White.

4476 4A Each 1,22

4476 5A

SCU



Product description as Art. 4476 1A

Black.

4476 5A Each 1,22

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 3,18

4476 5P

new

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.

Colour: red

4476 5P Each 1,32

4476 5R

new

SCU



Product description as Art. 4476 5P

Colour: blue

4476 5R Each 1,32

4476 5T

new

SCU



Product description as Art. 4476 5P

Colour: green

4476 5T Each 1,32

4476 5V

new

SCU



Product description as Art. 4476 5P

Colour: black

4476 5V Each 1,32

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 **37,90**



4476 5Z
new

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 **1,32**



4476 6A

Product description as Art. 4476 6A

Blue colour.

4476 7A Each **1,32**



4476 7A

Product description as Art. 4476 6A

Green colour.

4476 8A Each **1,32**



4476 8A

Product description as Art. 4476 6A

Black colour.

4476 9A Each **1,32**



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 **37,90**



4476 9B
new

STEP type, indelible, round fine end. Water-based ink, to write on metal, glass, plastic, wood and cardboard. Indicative package of 12 pieces.

Colour red.

4476 9E Each **2,42**



4476 9E

Product description as Art. 4476 9E

Colour black.

4476 9L Each **2,42**



4476 9L

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 **1,92**



4476 10

4476 11

SCU



Product description as Art. 4476 10
Yellow colour.

4476 11 Each 1,92

4476 12

SCU



Product description as Art. 4476 10
Red colour.

4476 12 Each 1,92

4476 13

SCU



Product description as Art. 4476 10
Blue colour.

4476 13 Each 1,92

4476 14

SCU



Product description as Art. 4476 10
Black colour.

4476 14 Each 1,92

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.

Colour white.

4476 14A Each 4,00

4476 14B

SCU



Product description as Art. 4476 14A
Colour yellow.

4476 14B Each 4,00

4476 14E

SCU



Product description as Art. 4476 14A
Colour red.

4476 14E Each 4,00

4476 14F

SCU



Product description as Art. 4476 14A
Colour black.

4476 14F Each 4,00

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.

Colour white.

4476 14L Each 6,38

4476 14M

SCU



Product description as Art. 4476 14L
Colour yellow.

4476 14M Each 6,38

4476 14P

SCU



Product description as Art. 4476 14L
Colour red.

4476 14P Each 6,38

4476 14R

SCU



Product description as Art. 4476 14L
Colour black.

4476 14R Each 6,38

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 **3,98**

SCU



4476 15

Product description as Art. 4476 15

Yellow colour.

4476 16 Each **3,98**

SCU



4476 16

Product description as Art. 4476 15

Red colour.

4476 17 Each **3,98**

SCU



4476 17

Product description as Art. 4476 15

Blue colour.

4476 18 Each **3,98**

SCU



4476 18

Product description as Art. 4476 15

Black colour.

4476 19 Each **3,98**

SCU



4476 19

Product description as Art. 4476 15

Colour: green

4476 19A Each **3,98**

SCU



4476 19A
new

Product description as Art. 4476 15

Colour: fluorescent orange

4476 19R Each **3,98**

SCU



4476 19R
new

Product description as Art. 4476 15

Colour: fluorescent pink

4476 19S Each **3,98**

SCU



4476 19S
new

Product description as Art. 4476 15

Colour: light fluorescent green

4476 19T Each **3,98**

SCU



4476 19T
new

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 **147,00**

SCU



4476 19Z
new

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 **4,04**

4476 20B **SCU**


Product description as Art. 4476 20A
Yellow colour.

4476 20B Each **4,04**

4476 20C **SCU**


Product description as Art. 4476 20A
Red colour.

4476 20C Each **4,04**

4476 20E **SCU**


Product description as Art. 4476 20A
Blue colour.

4476 20E Each **4,04**

4476 20F **SCU**


Product description as Art. 4476 20A
Black colour.

4476 20F Each **4,04**

4476 20G **SCU**

new



Product description as Art. 4476 20A
Colour: green

4476 20G Each **4,04**

4476 20Z **SCU**

new



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 **149,00**

4476 22 **SCU**


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 **3,78**

4476 23 **SCU**


Product description as Art. 4476 22
Yellow colour.

4476 23 Each **3,78**

4476 24 **SCU**


Product description as Art. 4476 22
Red colour.

4476 24 Each **3,78**

Product description as Art. 4476 22

Blue colour.

4476 25 Each 3,78



Product description as Art. 4476 22

Green colour.

4476 26 Each 3,78



Product description as Art. 4476 22

Black colour.

4476 27 Each 3,78



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 4,88



Product description as Art. 4476 30

Yellow colour.

4476 31 Each 4,88



Product description as Art. 4476 30

Red colour.

4476 32 Each 4,88



Product description as Art. 4476 30

Blue colour.

4476 33 Each 4,88



Product description as Art. 4476 30

Black colour.

4476 35 Each 4,88



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 14,40



Practical package containing 6 spare mines Art. 4476A 1. Colour: graphite.

4476A 2 Per pack 5,38



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 Per pack 5,38



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).

Autonomy of approx 50 hours. In carrying case for convenient and safe transportation.

4476AB	Each	251,00
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4476AE **SCU**

DIGITAL THERMO-ANEMOMETERS
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	139,00
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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, WITHOUT CONTACT.

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 No.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 \varnothing (D: S) = 8: 1 (Ex. 1200 mm distance/surface \varnothing 100 mm).

Measuring capacity: from -50° C to + 550° C / -58° F to + 1022° F.

Resolution: 0.1° C / 1° F. Accuracy: ± 2 ° C (± 3.6 ° F).

Weight 150 g.

4476AP	Each	89,00
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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 **163,00**

Product description as Art. 4476B

Distance/Ø surface ratio(D:S) = 12:1 (e.g. distance 1500mm/Ø surface 125mm).
 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**

Combined type to detect the exact surface temperature, WITHOUT CONTACT, or with the appropriate probes attack K (Art. 4476 GH to 4476 GS), to detect temperatures WITH CONTACT, PENETRATION, DIVING, etc. Pistol shape of sturdy and unbreakable ABS.
 Infrared measurements of larger areas, plus a laser pointer for smaller surfaces.
 Reading on display with backlight.
 Automatic shutdown and Data Hold function.
 Integrated LED bulb.
 indicator of the min / max value as alarm function.
 Power: 2 alkaline batteries 1.5V AAA (Art. 3600 C), supplied .
 Suitable in automotive, mechanical, food, plastics processing, in typography, in the preparation of asphalt, the installation of air-conditioning equipment, etc.
 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 PROBE ATTACK K: -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 probe attack K for temperatures from -50 ° C to + 200 ° C.



4476FE Each **161,00**

ELECTRONIC DIGITAL THERMOMETERS

Prod. SCU

Professional model for mesuring 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 **282,00**

Product running out of stock

4476GCP SCU

new



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 **22,70**

4476GD SCU



Handy and light model with 1 fixed probe for measuring the exact surface temperature by contact. It also senses the environmental temperature. Reading on 3-digits display, automatic switch-off. Probe length 125mm. Measuring capacity:

of temperature by contact from -50 °C to +200 °C.

of the environmental temperature from -10 °C to +50 °C / +14 °F to +122 °F.

Accuracy: 1°

Power: one 1.5V battery LR44 type (Art. SCU 3600 A), supplied.

Particularly indicated in the automotive sector for checking the temperature of liquids, oil, etc and in the magnetic, chemical, electric, electronic, thermohydraulic fields, etc.

4476GD Each **27,80**

Product running out of stock

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), supplied.

Particularly suitable in the automotive industry for checking the temperature of liquids, oil, etc. and mechanical, chemical, electrical, electronic, office clerk, food, etc.

4476GDA Each **30,50**

4476GDL SCU

new



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 **26,10**

4476GDP SCU

new



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 **52,10**

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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 GE.

4476GE Each **236,00**

SCU



CE 4476GE

ACCESSORY AND SPARE PROBES - "K" JOINT

Thermocouple probe for measuring range -40 °C to + 250 °C. Universal use.

4476GH Each **36,20**

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 **141,00**

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 **210,00**

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 **324,00**

SCU



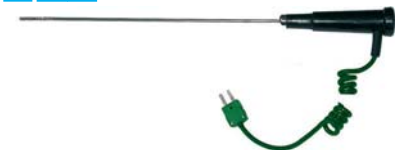
4476GR

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 **358,00**

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) + adaptator/transformer for connection to 240V network.
Complete with connecting cable for RS232C computer and SOFTWARE disk.

4476GT Each **476,00**

SCU



CE 4476GT

REFRACTOMETERS

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**

SCU



4478

4478A

SCU



Analog professional model combined to control the solidification point of antifreeze liquid, liquid for cleaning (e.g. liquid window cleaner) and concentration of liquid batteries. 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 149,00

4478E
 new

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 172,00

4478P
 new

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 685,00

MULTIMETERS

4479G

SCU



Prod. SCU

Analogue digital ergonomic model. For electrotechnicians.
 Switch for selecting functions and measurements.
 Voltage/continuous 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 118,00

Pair replacement tip per 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 - 4481 GL - 4482 DL.

OP4479GE Per pair 19,70

4479GE

SCU



Electronic digital model. For electrotechnicians.
 Switch for selecting functions and measurements.
 Automatic polarity. Reading on display. Battery charge indicator.
 Continuous current: capacity 200 mV to 1000 V/200 µA to 10 A.
 Alternate current: capacity 2 V to 750 V / 2 mA to 10 A.
 Resistance: capacity 200 ohm to 20 M ohm.
 Power: included 1 alkaline 9 V battery (Art. 3600 M).
 With 2 pointers.

4479GE Each 54,80

4480G

SCU



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/continuous 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 77,10

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Prices in EURO - VAT not included

Electronic digital/analogue model, multifunctions, for electrotechnicians.
 Switch for selecting functions and measurements, safety input jack.
 Automatic polarity. Reading on display and bar scale.
 Battery charge indicator. Automatic switch off. Back illuminated.
 Voltage/continuous current: capacity 400 mV to 1000 V / 400 µA to 10 A.
 Voltage/alternate current: capacity 400 V to 750 V / 400 µA to 10 A.
 Resistance: capacity 400 ohm to 40 M ohm.
 Frequency: capacity 10 kHz to 200 kHz.
 Relative measurements. Data inserting in memory.
 Power: included 3 alkaline 1,5 V battery AAA type (Art. 3600 C).
 With 2 pointers.

SCU

CE 4480GB



4480GB Each 137,00

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.
 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 9 V alkaline battery (Art. 3600 M), supplied.
 With 2 pointers and thermocouple probe.

SCU

CE 4480GD
new



4480GD Each 112,00

Adapter to be used with "K" connection thermocouple probes, Art. SCU 4476 GH to 4476 GS with multimeter Art. 4480 GD.

O4480GD Each 9,94

Electronic digital/analogue model, multifunctions, 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 and bar scale.
 Voltage/continuous 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.

SCU

CE 4480GE



4480GE Each 320,00

LAN-TESTERS AND MULTIMETERS

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/continuous 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.

SCU

CE 4480GP



4480GP Each 153,00

DIGITAL MULTIMETERS WITH TACHOMETERS
4480GV**SCU****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 μ F

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) for battery saving auto-off

reading on high-contrast display 4 digit, back-illuminated.

Complete with tips and inductive clamp torque.

4480GVEach **236,00**
CURRENT TESTERS
4481G**SCU****Prod. SCU**

Analogue model.

For measurement of alternate currents, alternate voltage, continuous voltage, resistance.

Manual locking of the index after measurement.

Made of shock-proof plastic, very high insulation.

Continuous voltage: 0 to 60 V.

Alternate Voltage / Current: 150 to 600 V / 6 to 300 A .

Resistance: 0-10 K ohm.

Power: included 1 alkaline 1,5 V battery AAA type (Art. 3600 C). Max. aperture 32mm.

With 2 pointers.

4481GEach **96,80****Product running out of stock****4481GB****SCU**

Electronic digital model, multifunctions, with display.

Automatic switch-off. Battery charge indicator.

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.

4481GBEach **175,00****4481GC****SCU**

Electronic digital model, multifunction, with display.

Additional analogue reading.

Senses the true Root Mean Square (RMS). Automatic switch-off.

Battery charge indicator. Back-lit.

Continuous and alternate voltage: 4-40-400-600 V.

Direct and alternate current: 0 A to 1000 A.

Resistance: 400 ohm to 40 Mohm.

Frequency: 40 Hz - 100 kHz.

Power: included 3 alkaline 1,5 V batteries AAA type (Art. 3600 C). Max. aperture 42mm.

With 2 pointers.

4481GCEach **343,00**

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 one alkaline 9V battery (Art. 3600 M). opening 32 mm max.
 With pair of toes.

4481GD Each **276,00**



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 couple tips.

4481GDE Each **218,00**



INSULATION - MEASURERS

Prod. SCU

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**



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 **185,00**



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 **123,00**



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 2.240,00

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 83,10

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 177,00

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Product description as Art. 4481GVA
SHORE C/O scale for foam and sponge measurements.

4481GVE Each **227,00**



Product description as Art. 4481GVA
SHORE D scale for hard rubbers, plastic materials, resipol, synthetic resins, epossidic resins, plexiglass etc. measurements.

4481GVL Each **236,00**

Available on request bench support for precision measurements with hardness testers Art. 4481 GVA-E-L.

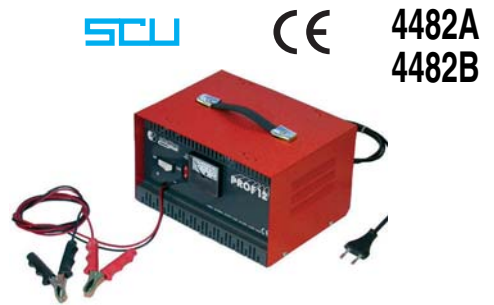


BATTERY CHARGES

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
	Each	151,00	201,00



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
	Each	115,00	169,00	219,00



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 to, 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	598,00
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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
new

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	42,80
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DETECTORS OF MAGNETIC FIELDS WITHOUT CONTACT

4482DP
new

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 light (1 LED) and two 1.5 V AAA batteries (Art. 3600 C), supplied. Unbreakable ABS body and clip.

4482DP	Each	32,60
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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	33,90
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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 **19,40**

SCU **CE** **4482E**



High insulation model, manufactured in compliance with VDE 0680/5 standards.

Bipolar system with LED, which allows the user to check the presence of continuous and alternate current of 12 - 690 V.

4482GA Each **29,40**

SCU **CE** **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**

SCU **CE** **4482GE**



IP65

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 **65,80**

SCU **CE** **4482GH**



ELECTRONIC DIGITAL model, high insulation in compliance with VDE 0680/5 standards. Ideal for laboratories, workshops and specialised technicians.

Universal instrument, completely safe, for continuous and alternate currents 5 - 690 V.

Determines the voltage value. Automatic switch-off.

Possible functions:

- to measure voltages
- to test current flow by means of 2 batteries of 1.5 V type AAA (Art. 3600 C), supplied.
- to test phase towards ground
- to test polarity
- to test semi-conductors
- to test conductance with resistance range 0-500 K ohm.

Input voltage Volt 5 ÷ 690

Frequency range Hz 0 ÷ 100

4482GL Each **215,00**

SCU **CE** **4482GL**



IP65

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 **206,00**

SCU **CE** **4482GP**



IP65

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 **15,10**

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 **24,10**
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	115,00	121,00	111,00

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
Minimum 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	373,00	434,00	605,00	262,00	494,00

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	307,00	307,00	307,00

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 25mm), 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 1.5m, 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.

Capacity up to	Kg	6	15	35	60	150	300
Division and reproducibility	grams	2	5	10	20	50	100
Minimum 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	373,00	373,00	373,00	373,00	393,00	635,00

SCU

4483F



IP65

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 9V-battery (Art. 3600 M), not included, or 6 x 1.5V-battery (LR14C - Art. 3600 F), not included. Weight 6.5kg. Scale dimensions 350x390x120mm. Allowed ambient temperature from -10° C to +30° C.

Capacity up to	Kg	16,1	36,1	65
Division	grams	0,1	0,1	0,5
Minimum piece weight at counting	grams/pcs	0,1	0,1	0,5
4483L	Each	927,00	1.060,00	968,00

SCU

4483L



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.

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	428,00	428,00	428,00	428,00	513,00	513,00
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	513,00	572,00	572,00	579,00	645,00	

Size 11 has a reduced length probe.

SCU

4483M



SPRING AND PRECISION BALANCES

Orig. Rebure

Brass-coated dial, zinc-coated hook and ring.

Capacity up to	Kg	10	20	30	50
Quadrant	mm	95x30	130x30	140x40	200x48
4484G	Each	5,10	6,20	7,10	11,10



4484G

11

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: ±1% on the scale value.

Capacity up to	Kg	1	2,5	5	10	20	30	60
Division	grams	10	25	50	200	200	500	1000
Length with load	mm	350	350	355	316	315	350	417
4485G	Each	99,40	99,40	99,40	107,00	140,00	162,00	249,00
Capacity up to	Kg	100						
Division	grams	1000						
Length with load	mm	592						
4485G	Each	301,00						

DIAL DYNAMOMETERS

4487G



Orig. Rebüre

With graduated dial. Easy immediate reading. Precise and sturdy finish.
Starting value: kg 0. Tolerance: ±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	158,00	158,00	172,00	172,00	302,00	330,00

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: ±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	345,00	349,00	349,00	537,00	563,00

4487GE



application example
the gauge stand is not included

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 ± 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	353,00	353,00	353,00	353,00	353,00	353,00

DIGITAL ELECTRONIC DYNAMOMETERS

4487GL



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	144,00	154,00

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	212,00	182,00	222,00	200,00

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 (ALT. 25 mm figures), 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	776,00	776,00

SCU



4487GT



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 (ALT. mm 30 digits), 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	1.440,00	1.500,00

SCU



4487GV



Digital model with remote control. Aluminium case, extensometer load cell in stainless steel and indicator with microprocessor. 5-digits LCD display (digits height 25mm) with alarma acoustic signal for maximum load and discharged batteries. 4 alkaline batteries of 1.5V autonomy: approx. 1 year. Automatic switch-off after 30 minutes. Protection IP20.

Accuracy: ± 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	0,2	1	2
4488	Each	1.430,00	1.430,00	1.780,00

**For hoist hooks see Art. 2133 Z kg 3200 - 7500
and Art. 2133 ZE kg 3150 - 8000- 12500.**

SCU

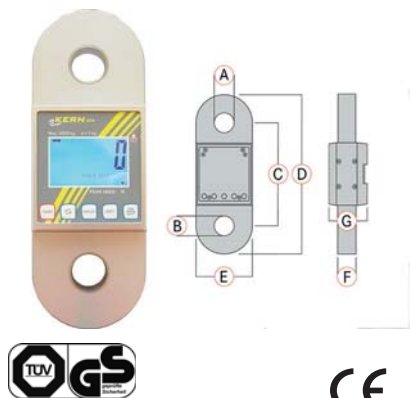


4488

IP20



4488A
new



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, backlit, 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: ± 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
Bores distances ©	mm	165	165	165	165	175
Bore Ø (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
Overall thickness (G)	mm	55	55	61	61	71
Weight	Kg	1,8	1,8	1,8	3,9	5,5
4488A	Each	1.200,00	1.400,00	1.520,00	1.600,00	2.110,00

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



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 ± 0.5% of the max. value. Overload protection 200% of the peak value. No.6 alkaline batteries 1.5V, rechargeable and 230V - 50Hz feeder (included). Automatic switch-off.

Supplied with No.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	420,00	420,00	420,00	420,00	420,00

4488E



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 ± 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 feeder (included). Automatic switch-off.

Supplied with No.6 interchangeable tools (5 heads + 1 extension 90mm).

Weight 0.640kg. Dimensions 238x63x36mm.

In case.

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	773,00	773,00	773,00	773,00	773,00	773,00	773,00

4488F



MANUAL SUPPORT FOR TORQUE WRENCHES ART. 4487 GE - 4488 B - 4488 E

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.

4488F	Each	521,00
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Prices in EURO - VAT not included

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.

4489A Each **6,92**



Product description as Art. 4489A

With anchoring hooks.
 Polyester belt, width 25mm, length 5m. Capacity 500 Kg.

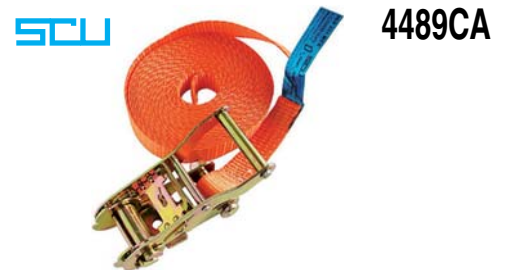
4489B Each **10,20**



Product description as Art. 4489A

Ring type without hooks.
 Polyester tape, width 25 mm, length 6 m. Max capacity 1000 kg.

4489CA Each **10,80**



Product description as Art. 4489A

With hooks hook.
 Polyester tape, width 25 mm, length 6 m. Max capacity 1000 kg.

4489CB Each **13,50**



Product description as Art. 4489A

Ring type without hooks.
 Polyester tape, width 50 mm, length 8 m. Max capacity 2000 kg.

4489DA Each **20,60**



Product description as Art. 4489A

With hooks hook.
 Polyester tape, width 50 mm, length 8,5 m. Max capacity 2000 kg.

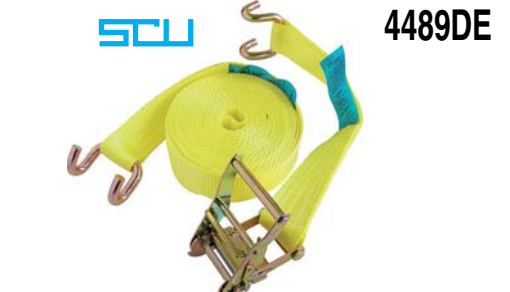
4489DB Each **26,10**



Product description as Art. 4489A

With hooks side.
 Polyester tape, width 50 mm, length 8.5 m. Max capacity 2000 kg.

4489DE Each **25,60**



4489E SCU



Product description as Art. 4489A

Ring type without hooks. Polyester belt, width 50mm, length 9m. Capacity 5000 Kg.

4489E Each **28,20**

4489F SCU



Product description as Art. 4489A

With anchoring hooks.

Polyester belt, width 50mm, length 8.5m. Capacity 5000 Kg.

4489F Each **32,50**

4489L SCU



Product description as Art. 4489A

With closed anchoring rings.

Polyester belt, width 50mm, length 8.5m. Capacity 5000 Kg.

4489L Each **34,60**

4489LE SCU



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 **41,90**

TIE RADS

4489P SCU



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	4	6
Max load capacity	Kg	1000	1000	1000	1000
4489P	Each	11,40	14,50	20,70	27,10

4489R SCU



Product description as Art. 4489P

Green strap. Length 60mm.

Overall length	m	1	2	4	6
Max load capacity	Kg	2000	2000	2000	2000
4489R	Each	16,60	22,50	32,20	44,10

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Product description as Art. 4489P

Yellow strap. Length 90mm.

Overall length	m	1	2	4	6
Max load capacity	Kg	3000	3000	3000	3000
4489S	Each	20,30	29,80	48,80	66,10

SCU

CE 4489S



Product description as Art. 4489P

Gray ribbon, width 120 mm.

Overall length	m	2	3	4	6
Max load capacity	Kg	4000	4000	4000	4000
4489SE	Each	44,50	58,10	69,10	92,80

SCU

CE 4489SE



Product description as Art. 4489P

Red strap. Length 150mm.

Overall length	m	2	4	6	8
Max load capacity	Kg	5000	5000	5000	5000
4489T	Each	61,40	95,90	131,00	165,00

SCU

CE 4489T



Product description as Art. 4489P

Orange strap. Length 290mm.

Overall length	m	4	6	8	10
Max load capacity	Kg	10000	10000	10000	10000
4489Z	Each	294,00	398,00	502,00	605,00

SCU

CE 4489Z



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 load capacity	Kg	1000	1000	1000	1000	1000
4490A	Each	6,30	10,40	14,10	15,50	21,30

SCU

CE 4490A



Product description as Art. 4490A

Green strap.

Overall length	m	1	2	3	4	6
Max load capacity	Kg	2000	2000	2000	2000	2000
4490B	Each	6,50	12,50	18,40	21,30	29,90

SCU

CE 4490B



4490C**SCU**

Product description as Art. 4490A

Yellow strap.

Overall length	m	2	3	4	6
Max load capacity	Kg	3000	3000	3000	3000
4490C	Each	16,10	23,70	29,20	41,30

4490CF**SCU**

Product description as Art. 4490A

Gray ribbon.

Overall length	m	2	3	4	6
Max load capacity	Kg	4000	4000	4000	4000
4490CF	Each	23,10	30,90	34,50	52,20

4490D**SCU**

Product description as Art. 4490A

Red strap.

Overall length	m	3	4	6	8
Max load capacity	Kg	5000	5000	5000	5000
4490D	Each	32,10	42,50	63,50	83,90

4490E**SCU**

Product description as Art. 4490A

Orange strap.

Overall length	m	4	6	8	10
Max load capacity	Kg	10000	10000	10000	10000
4490E	Each	96,30	135,00	177,00	226,00

TIE RADS PROTECTIONS

4490FA**SCU**

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	146,00	163,00	208,00	229,00	249,00	598,00

4490FB**SCU**

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	1,90
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SOL Sicutool iPad App for Distributors and Users

SOL SICUTOOL APP FOR USERS

The App allows **End Users** to consult the list of products in the catalogue and create shopping Carts.

The Carts can act as a memo or be sent to your trusted Sicutool **Distributor**, who – thanks to the App – can dispatch the order very quickly.

The App comes with a short guide that explains how to add to the Home of the iPad the icon to access the flip-book of the Catalogue Sicutool Utensili 2017.

HOW TO DOWNLOAD THE SOL SICUTOOL APP

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La The SOL Sicutool App helps Sicutool Distributors provide users with immediate and precise responses.

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- Check availability and prices
- Order
- Check the order status
- Track the delivery
- Access the archive of orders and TD.



Available on the
App Store

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

NEW!

NEWS CHAPTER 12



7099GAL

Diamond Coated Milling Disks
► P. 1060



7099GE

Diamond Coated Milling Disks
► P. 1060



7107P

Cutting-Off Wheels For Steel And
Stainless Steel ► P. 1061



7759G

Abrasive Paper
► P. 1076



7776GP

Abrasive Cloth Cartridge Rolls
► P. 1077



7785G

Abrasive Sponges
► P. 1078



7834GR

Rubber Backing Pads
► P. 1080



7922GMA

Lamellar Flap Discs, Glass Fibre
Backing-Pad ► P. 1095



7922GPA

Lamellar Flap Discs, Glass Fibre
Backing-Pad ► P. 1095



7922GRA

Lamellar Flap Discs, Glass Fibre
Backing-Pad ► P. 1096



4551G

Hand Tip Drills For Wood
► P. 1022



7099GBL

Diamond Coated Milling Disks
► P. 1060



7106P

Cutting-Off Wheels For Steel And
Stainless Steel ► P. 1061



7109G

Cutting-Off Wheels For Steel And
Stainless Steel ► P. 1062



7772G

Abrasive Paper Cartridge Rolls
► P. 1077



7776GR

Abrasive Cloth Cartridge Rolls
► P. 1077



7800GA

Velcro Abrasive Disks In Resin-
Covered paper ► P. 1078



7922GM

Lamellar Flap Discs, Glass Fibre
Backing-Pad ► P. 1095



7922GP

Lamellar Flap Discs, Glass Fibre
Backing-Pad ► P. 1095



7922GR

Lamellar Flap Discs, Glass Fibre
Backing-Pad ► P. 1095



TOOLS FOR GLASS, WOOD, LINOLEUM ABRASIVES

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

Glass cutters
Vacuum lifters



From **4490GB**
To **4499T**

Sharpened centre bits
Machine drills
for wood
Flaring wood cutters



From **4509G**
To **4610G**

Handsaws for woods
Arch saws - Band saws
Side shafts for saw
Circular saws for wood
Trowels - Floats
Plumb bobs - Wall scrapers - Soft brushes



From **4702G**
To **4922**

Planes for woods
Chisels
Mitre sawing appliances
Gouges for wood
Universal knives
Cutting tools



From **5000G**
To **5239T**

Bar clamps
Clamps



From **5240G**
To **5260**

Abrasive grinding wheels
Grinding wheels



From **7000G**
To **7052G**

Diamond cutting
wheels
Rough grinding and
cutting-off wheels



From **7080G**
To **7200G**

Abrasive files and stones
Elastic abrasive wheels
and stones



From **7600A**
To **7714G**

Abrasive paper in rolls and sheets
Abrasive cloth in rolls and sheets
Fibre abrasive disks
Rubber backing pads



From **7758G**
To **7834GS**

Abrasives made of materials
of different hardness
Felts
Diamond grinding points
Fan grinders



From **7840A**
To **7962G**



GLASS CUTTERS

4490GB




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	7,00
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Spare wheels for Art. 4490 GB. Package units of approx. 120pcs. not sold separately.

O4490GB	Per pack	104,00
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GLASS CUTTERS WITH HARD METAL WHEEL

4491GC



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	26,40
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Spare wheels for Art. 4491 GC.

O4491GC	Each	12,50
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OIL GLASS CUTTERS

4492G



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	59,20
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Spare heads complete with spare wheel for Art. 4492 G.

O4492G	Each	33,10
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4493G



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	59,20
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Spare heads complete with spare wheel for Art. 4493 G.

O4493G	Each	33,10
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4494G



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	59,20
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Spare heads complete with spare wheel for Art. 4494 G.

O4494G	Each	39,70
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Product running out of stock

Available on request cutting oil in drums lt. 30. Alternatively you can use lanolin oil.

CIRCLE GLASS CUTTERS

4498




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	79,70	83,30	88,90	94,80	101,00

4499




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	87,50	97,40	110,00

Spare swinging heads with 6 wheels for Art. 4498 - 4499.

O4499	Each	24,80
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RULER FASTENING SUCKERS

4499A




Prod. SCU

Apt for positioning and fastening the ruler when cutting glass. Brass body. High-sealing, rubber sucker. Diameter 55mm. Lever mm 55. Lever lock.

4499A	Each	58,20
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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 **44,20**

Spare suckers for Art. 4499 B.

O4499B Each **22,30**

SCU



4499B



Product description as Art. 4499B

High-sealing rubber sucker, diameter 120mm, interchangeable.
With 1 sucker, handle lock. Max load 30kg.

4499C Each **62,50**

Spare suckers for Art. 4499 C.

O4499C Each **22,30**

SCU



4499C



Product description as Art. 4499B

High-sealing rubber sucker, diameter 120mm, interchangeable.
With 2 sucker, lever lock. Transverse handle. Max load 80kg.

4499D Each **83,60**

SCU

4499D



Model made according to European standards, with ergonomic handle. Suitable to carry sheets with smooth surfaces such as glass, plastic, metal, etc. Made from die-cast aluminium.

High-sealing rubber sucker, diameter 120mm, interchangeable. With 2 suckers, lever lock. Max load 60kg.

4499DA Each **61,20**

Spare suckers for Art. 4499 D - DA.

O4499D Each **22,30**

SCU



4499DA



Product description as Art. 4499DA

High-sealing rubber sucker, diameter 120mm, interchangeable.
With 3 suckers, lever lock. Max load 100kg.

4499EA Each **79,40**

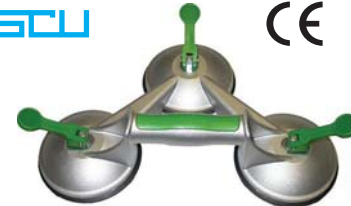
Spare suckers for Art. 4499 EA.

O4499E Each **22,30**

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 **47,30**

SCU



4499EB



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 cup, lever lock. Max. lifting capacity 60 Kg.

4499EG Each **68,70**

SCU



4499EG



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 cup, lever lock. Max. lifting capacity 100 Kg.

4499EH Each **90,50**

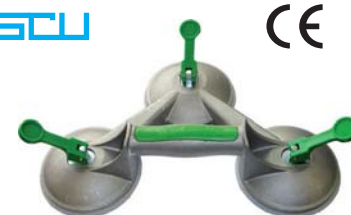
Spare suction cups for Art. 4499 EB - EG - EH.

O4499EH Each **27,60**

SCU



4499EH



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.

4499F	Each	161,00
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Spare suckers for Art. 4499 F.

O4499F	Each	68,80
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4499L**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 200mm. For glass thickness up to 10mm and vertically lifted weights up to 190kg.

4499L	Each	178,00
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Spare suckers for Art. 4499 L.

O4499L	Each	74,10
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4499LE**SCU**

Apt for carrying plates with smooth, flat and lightly curved surfaces. Sturdy execution, 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	208,00
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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	252,00
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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	832,00
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MOUNTING AND TRANSPORT SUCKERS

4499P**SCU**

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	147,00
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For assembling belts see Art. 4489 A - 4489 E.

Spare suckers for Art. 4499 P.

O4499P	Each	22,30
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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 2 suckers capacity 60 Kg.

4499S Each **147,00**

Spare suckers for Art. 4499 S.

O4499S Each **22,30**



4499S



Particularly indicated for assembling/disassembling glasses, crystals, car rear windows, windscreens, sheet parts, febbers, etc. and in body shop works. Allows a single operator to make quick and precise works. High-sealing, rubber suckers, diameter 115mm, swinging, adjustable by means of soft handle, completely flexible. Total length 750mm. Type with 2 sucker with max load 40kg.

4499T Each **124,00**

Product running out of stock



4499T



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	1,76	1,86	2,08	2,20
For bores Ø	mm	20	22	24	25	26	28	30
4509G	Each	2,38	2,56	2,76	2,94	3,06	3,06	3,34
For bores Ø	mm	32	35	38				
4509G	Each	3,62	3,94	4,52				

Extension with length 300mm for Art. 4509 G.

O4509G Each **9,48**



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	11,10	11,10	12,10	12,10	12,10	12,80	12,90	14,40
For bores Ø	mm	24	25	26	28	30	32	35	40
4511G	Each	15,10	15,80	15,80	17,10	18,10	19,90	24,50	28,80

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 Per series **91,80**



4511G



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 15-30mm.
 Cylindric drive Ø 10mm from Ø 35-45mm.

For bores Ø	mm	18	25	26	28	30	35	40	45
4512G	Each	14,50	16,80	16,90	17,20	17,30	17,80	19,20	22,10

Size mm 18 is 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.

For bores Ø	mm	10	12	14	15	16	18	20
4515GA	Each	16,80	16,80	18,30	18,30	18,30	19,30	19,60
For bores Ø	mm	22	24	25	26	28	30	32
4515GA	Each	21,70	22,90	24,10	24,10	25,80	27,40	30,10
For bores Ø	mm	35	40	45	50			
4515GA	Each	37,10	43,50	54,90	58,70			

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	63,80	68,10	75,60	85,50	88,80	103,00	114,00
For inserts Ø	mm	45	50					
4516GA	Each	129,00	150,00					

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	40
4516GP	Each	22,80	22,80	22,80	22,80	27,10

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	24,30	25,50	26,10	27,80	28,90

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	55,20	57,90	57,90	61,80	61,80	67,40	71,50
For bores Ø	mm	40	45	50				
4517GL	Each	81,90	121,00	149,00				

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Prices in EURO - VAT not included

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 diameter 6mm.

Each blade can perform one of the above-mentioned diameters. To be used with portable electric drills.

Cutting depth	mm	18
4518A	Each	3,72



Product description as Art. 4518A

Cutting depth	mm	42
4518B	Each	4,50



ADJUSTABLE CENTRE BITS

Prod. SCU

Professional type. Finely polished. Provided with two movable knives. For use with battery-operated drills, electric manual drills, column drills, etc.

Size		2
For bores by	mm	22-76
Drive Ø	mm	13 cil..
Overall length	mm	185
4521G	Each	102,00



DRILLS WITH CENTER POINT AND HEXAGON SHANK

Orig. Völkkel - 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 screwers, 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	4,42	4,42	4,42	4,56	5,34	6,92



Orig. Völkkel - 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	61,30
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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	1,26	1,26	1,36	1,36	1,54	1,76	2,16
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	2,38	3,02	3,74	4,70	5,02	6,00	12,30
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	16,40	18,70	20,40	22,40	24,50	26,40	



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	10,40
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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	15,30
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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	6	12
Drive Ø	mm	6	8
Overall length	mm	90	140
4528GF	Each	3,52	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	7	12
Drive Ø	mm	4	7	12
Overall length	mm	80	110	155
4528GT	Each	39,30	44,90	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	12,50	13,80	12,50	13,70	12,50	13,80	13,80
Ø	mm	13	14	15	16	17	18	20
4529GD	Each	16,70	15,10	16,40	16,40	19,80	20,40	22,70
Ø	mm	22	24	26	28	30		
4529GD	Each	28,10	30,70	36,40	38,20	52,00		

Size mm 17 is running out of stock

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Product description as Art. 4529GD

Left rotation.

Ø	mm	6	7	8	9	10	11	12
4529GS	Each	12,50	13,80	12,50	13,70	12,50	13,80	13,80
Ø	mm	13	14	15	16	17	18	19
4529GS	Each	16,70	15,10	16,40	16,40	19,80	20,40	22,30
Ø	mm	20	22	24	26	28	30	
4529GS	Each	22,70	28,10	30,70	36,40	38,20	52,00	

Misura mm 17 e 19 in esaurimento.

SCU

4529GS



FLARING WOOD CUTTERS

Prod. SCU

In hardened alloy steel.

Burnished finish. Plastic handle. Conical cutter head dia. 12mm.

4530G	Each	6,28
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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	2,84	3,24	3,24	4,02

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	9,80	10,20	10,90	13,10	18,20

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	9,30	9,30	9,30	11,80	11,80	11,80

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	41,10
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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	1,18	1,18	1,18	1,40	1,72	2,84	6,20

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	14	16	18	20	22	24
Overall length	mm	275	310	320	335	370	380	400
4550G	Each	18,50	25,20	28,90	35,10	39,60	53,80	58,50

For bores Ø	mm	26	28
Overall length	mm	430	445
4550G	Each	70,80	82,30

SCU

4550G



Product running out of stock

HAND TIP DRILLS FOR WOOD

4551G
new



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	23,50	25,10	26,70	30,80	34,40

AUGER BITS

4557G



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	13,60	13,60	13,60	13,60	16,30	16,30	16,30	18,70	22,10	22,10	27,40	30,60	33,60

4558GA



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	21,40	21,40	21,40	21,40	21,40	25,70	25,70	25,70	30,10	34,30	34,30	34,30	41,60	46,30	50,80

4558GB



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	34,10	34,10	41,20	41,20	41,20	47,70	54,60	54,60	63,90	71,20	71,20	78,50

Spare extensions 450mm with hexagonal drive 10.5mm for Art. 4558 GA-B 20mm to 30mm.

O4558GB	Each	35,20
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4559GE



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	7,06	7,06	7,06	7,64	8,04	9,08	10,40
For bores Ø	mm	20	22	24	26	28	30	32
Drive	mm	12	12	12	12	12	12	12
4559GE	Each	11,10	12,20	13,90	15,60	18,10	20,70	23,50

4559GF



Medium size pattern, multi-purpose, for portable and fixed 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	15,10	15,10	15,30	16,90	19,10	21,60	24,50
For bores Ø	mm	20	22	24	26	28	30	32
Overall length	mm	235	235	235	235	235	235	235
4559GF	Each	25,80	29,70	31,60	39,20	44,30	50,90	61,50

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Prices in EURO - VAT not included

Long pattern, multi-purpose, 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	14,10	14,10	14,90	16,40	19,30	20,70	22,80
For bores Ø	mm	22	24	26	28	30	32	
Drive	mm	12	12	12	12	12	12	
4559GL	Each	24,50	26,80	32,10	36,80	43,70	52,50	



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	20,80	22,10	24,40	27,10	29,80	32,10	35,10	38,20



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	7,24	7,40	8,72	11,30	12,90	15,10	18,30
For bores Ø	mm	20	22	24				
Drive Ø	mm	10	10	12				
4559GZ	Each	24,60	32,80	38,30				



Product description as Art. 4559GZ

Overall length: 400mm.

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	8,98	10,50	12,80	14,40	16,70	20,10	26,00	35,20	40,40



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	9,18	9,68	10,10	10,20	11,40	12,80



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	7,14	7,58	8,12	9,08	10,40	13,40



Close grip. Blade in rolled and hardened steel.
 Alternating and sharpened teeth.
 Synthetic material handle.

SCU

4702GP

Blade length	mm	300	350	400	450	500	600
4702GP	Each	6,78	7,22	7,66	8,64	9,96	13,10



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.
 Synthetical material handle.

SCU

4704GC

Blade length	mm	400	500
4704GC	Each	9,52	11,70



4704GE SCU



Close grip.
Blade in special steel. Induction hardened teeth, alternated and sharpened.
Suitable to cut wood, plastic, rolled steel sections, plywood, etc.
Bi-component material handle.

Blade length	mm	400	500
4704GE	Each	13,50	15,60

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	29,10
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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: 320mm.
Synthetic material handle.

4704GP	Each	11,10
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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	5,30
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BACK SAWS

4705G SCU



Prod. SCU
In rolled and hardened steel.
Alternated teeth. Fine toothing.
Reinforced back. Hardwood close handle.

Blade length	mm	300	350	400
4705G	Each	9,34	10,60	12,40

COMBINED SAWS

4707G SCU



Prod. SCU
Supplied with 5 interchangeable blades in rolled hardened steel. Unbreakable plastic handle.
It contains:
1 x 400mm handsaw for wood
1 c 300mm garden saw
1 x 200mm back saw
1 x 250mm compass saw for wood
1 x 300mm saw for metals

4707G	Each	6,00
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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	7,58

When the stocks will be run out, the drill bit will be provided with a closed grip.

BACK SAWS

4720G SCU



Prod. SCU
In rolled and hardened steel.
Alternated teeth. Fine toothing.
Straight fixed handle

Blade length	mm	250	300
4720G	Each	3,88	4,58

4724G SCU



Product description as Art. 4720G
Straight revolving handle

Blade length	mm	250
4724G	Each	8,82

VENEER CUTTERS

Prod. SCU

In rolled and hardened steel.
Alternated teeth. Overall length: 190mm. Blade length: 75mm.
Wooden handle

SCU

4725G



4725G	Each	8,64
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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 wit 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 30m rollers not sold partially.

SCU

4820



Width	mm	25	35
Thickness	mm	0,7	0,8
Passo	mm	8	9
4820	Each	104,00	134,00

Product running out of stock

CIRCULAR SAWS FOR WOOD

Orig. Schumacher - Art. CV

Normal toothting.
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	Nr	80
Bore	mm	30
4831G	Each	48,10

Product running out of stock

4833G *H.O. Schumacher + Sohn*



Orig. Schumacher - 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.

Ø	mm	400	450	500	600
Thickness	mm	2	2,2	2,5	2,8
Teeth	Nr	56	56	56	56
Bore	mm	30	30	30	30
4833G	Each	60,90	92,70	121,00	169,00

Reductions from 30 to 20 and 25mm, see Art. 09597 GE-H.
When the stock will be run out, we will provide the same item Orig. SCU-MPS
Size mm 500 is running out of stock.

CARBIDE TIPPED CIRCULAR SAWS

4840G



HARTMETALL

Prod. SCU

FOR USE WITH PORTABLE MACHINES

Universal application. Alternate sharpening. Suitabel 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.



Type		125B	130A	130B	134A	134B	140A	140B	150A
Ø	mm	125	130	130	134	134	140	140	150
Thickness	mm	2,4	2,8	2,8	2,8	2,8	2,8	2,8	2,8
Bore	mm	12,7	16	16	20	20	20	20	16
Teeth	Nr	18	12	18	12	18	12	18	12
For machines brand		B + D-Skil	Bosch-Skil	AEG-Holz Her	B + D-Peugeot	Bosch-Scheer			
4840G	Each	25,10	20,80	25,10	20,80	25,40	21,70	26,70	25,10
Type		150B	150L	150P	156A	160A	160B	160L	160P
Ø	mm	150	150	150	156,5	160	160	160	160
Thickness	mm	2,8	2,8	2,8	2,4	2,8	2,4	2,8	2,4
Bore	mm	16	20	20	12,7	16	16	20	20
Teeth	Nr	20	12	20	12	14	20	12	20
For machines brand		Bosch-Scheer	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			
4840G	Each	30,90	25,10	30,90	53,50	27,20	31,60	27,20	31,60
Type		170A	170B	170L	170P	180A	180B	180L	180P
Ø	mm	170	170	170	170	180	180	180	180
Thickness	mm	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8
Bore	mm	20	20	30	30	20	20	30	30
Teeth	Nr	14	22	14	22	14	22	14	22
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				
4840G	Each	29,20	34,90	29,20	34,90	29,20	35,10	29,20	35,10
Type		184A	184B	190A	190B	190L	190P	190S	190T
Ø	mm	184	184	190	190	190	190	190	190
Thickness	mm	2,8	2,4	2,8	2,6	2,8	2,6	2,8	2,8
Bore	mm	16	16	16	16	20	20	30	30
Teeth	Nr	14	22	14	30	14	30	14	30
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				
4840G	Each	28,60	34,50	31,10	43,10	31,10	43,10	31,10	43,10
Type		200A	200B	210A	210B	230A	230B	240A	240B
Ø	mm	200	200	210	210	230	230	240	240
Thickness	mm	2,8	2,8	2,8	2,8	3	2,8	2,8	2,8
Bore	mm	30	30	30	30	30	30	30	30
Teeth	Nr	16	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-Holz Her-Metabo-Scheer-De Walt				
4840G	Each	35,60	43,50	36,10	43,70	43,50	49,80	50,50	58,50

The thickness and number of saw teeth may vary slightly to meet manufacturing requirements.
Size mm 156A is running out of stock

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Prices in EURO - VAT not included

Prod. SCU

FOR USE WITH STATIC MACHINES

Universal application. Alternating 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.

Middle toothing (suitable 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	Nr	42	48	54	60
4843G	Each	80,10	103,00	132,00	198,00

HARTMETALL

4843G

Prod. SCU

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	Nr	60	72	84	96
4844G	Each	107,00	130,00	167,00	233,00

HARTMETALL

4844G

Prod. SCU

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	Nr	80	96	108
4845G	Each	108,00	137,00	230,00

HARTMETALL

4845G

Prod. SCU

FOR USE WITH STATIC MACHINES

Universal application. Alternating 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.

Ø	mm	250	300	350	400
Thickness	mm	3,2	3,2	3,5	3,5
Bore	mm	30	30	30	30
Teeth	Nr	24	28	32	36
4848G	Each	79,30	95,10	143,00	139,00

HARTMETALL

4848G

Prod. SCU

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 braced 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	Nr	20	24	28
4850G	Each	86,40	111,00	129,00

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	3,86	4,42	4,98

4851C**SCU**

Product description as Art. 4851B

Rounded.

Blade length	mm	180	200	220
4851C	Each	4,82	5,02	5,24

4851D**SCU**

Product description as Art. 4851B

Square.

Blade length	mm	180	200	220
4851D	Each	4,70	4,98	5,24

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	10,30	10,70	11,20

4851GE**SCU**

Product description as Art. 4851GA

Square

Blade length	mm	180	200	220
4851GE	Each	10,30	10,90	11,40

TROWELS
4851GF**SCU****Prod. SCU**

Product description as Art. 4851GA

Rounded.

Blade length	mm	140	160
4851GF	Each	7,74	7,74

4851GL**SCU**

Product description as Art. 4851GA

Pointed.

Blade length	mm	140	160
4851GL	Each	8,12	8,22

TROWELS
4852GA**SCU****Prod. SCU**

In special hardened steel. High flexibility. Wooden handle.
Rounded narrow.

Blade length	mm	180	200	220
4852GA	Each	10,20	10,50	11,30

4852GB**SCU**

Product description as Art. 4852GA

Rounded.

Blade length	mm	180	200	220
4852GB	Each	10,90	11,70	12,20

Product description as Art. 4852GA

Square

Blade length	mm	180	200	220
4852GE	Each	9,98	10,60	11,10

SCU

4852GE
TROWELS
Prod. SCU

Product description as Art. 4852GA

Rounded.

Blade length	mm	140	160
4852GF	Each	7,52	7,52

SCU

4852GF

Product description as Art. 4852GA

Pointed.

Blade length	mm	140	160
4852GH	Each	8,14	8,24

SCU

4852GH

Product description as Art. 4852GA

Square

Blade length	mm	140	160
4852GL	Each	8,48	9,68

SCU

4852GL
TROWELS FOR CORNERS
Prod. SCU

In stainless steel. Ergonomic two-component handle with finger protection.

Type for machining the inner corners.

Blades dimensions	mm	100x75x75
4853GA	Each	11,80

SCU

4853GA

Product description as Art. 4853GA

Type for machining of the outer corners.

Blades dimensions	mm	100x75x75
4853GB	Each	11,80

SCU

4853GB
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

SCU

4853GE

Product description as Art. 4853GE

Type with half round section blade.

Blades width	mm	8	10	12
4853GF	Each	13,70	13,70	14,10

SCU

4853GF
FLOATS
Prod. SCU

Wooden handle.

In special steel, smooth blade. Dimensions: 280x130mm.

4854A	Each	6,28
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SCU

4854A

4854B**SCU****INOX**

Product description as Art. 4854A

In stainless steel, smooth blade. Dimensions: 280x130mm.

4854B	Each	9,40
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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	6,70	6,70	6,70

4854E**SCU**

Product description as Art. 4854A

In special steel, saw-toothed blade (5x5mm). Dimensions: 280x120mm.

4854E	Each	16,10
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Product running out of stock**4854F****SCU**

Product description as Art. 4854A

In special steel, square-toothed blade (8x8mm). Dimensions: 280x120mm.

4854F	Each	14,60
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Product running out of stock**4854G****SCU**

Handle and smooth blade entirely of reinforced plastic.

Dimensions 280x140 mm.

4854G	Each	5,70
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4854L**SCU**

Long wooden handle, suitable for use with 2 hands.

In special steel, smooth blade. Dimensions 480x130 mm.

4854L	Each	17,10
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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	19,50	19,50

4854R**SCU**

Type in hard rubber sponge, suitable for plaster smoothing. Plastic handle.

Dimensions: 210x130mm.

4854R	Each	11,30
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4854S**SCU**

Product description as Art. 4854R

Dimensions: 235x100mm.

4854S	Each	10,80
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Product running out of stock

Product description as Art. 4854R

Dimensions: 400x70mm.

4854T	Each	12,40
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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	7,94
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SCU
4854VA


Type in completely smooth plywood.

Length	mm	280	480
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Width	mm	140	240
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4854VE	Each	7,32	14,50
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SCU
4854VE


Type completely reinforced plastic, rigid, lightweight, unbreakable, with work surface grating.

Length	mm	280	480
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Width	mm	140	240
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4854VF	Each	5,38	14,10
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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	37,20
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SCU
4854Z


Knurled blades in special steel, suitable for plaster of Paris, concrete, etc. application. Wooden handle and support.

Dimensions: 250x70mm.

4855G	Each	23,10
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SCU
4855G


Type grilled hardened steel, galvanized. Handle in soft material, non-slip.

Dimensions 285x150 mm.

4855GE	Each	27,70
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SCU
4855GE


Type for WASH, with sponge glued with high absorption. Plastic handle reinforced, rigid and lightweight.

Dimensions 280x140 mm.

4855GP	Each	6,62
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SCU
4855GP

WASHING SPONGES
Prod. SCU

Type with high absorption, for universal use, in square shape.

Dimensions 170x115x60 mm.

4855GT	Each	3,10
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SCU
4855GT


PLUMB BOBS

4856




Prod. SCU

Steel cylindric type.

Weight	grams	200	300	400	500
4856	Each	5,02	6,28	6,70	7,12

4856G




Orig. Schröder

Brass cylindric type. Weight: 50g.

Supplied with 5m cord

4856G	Each	7,30
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WALL SCRAPERS

4895




Prod. SCU

Type in special hardened steel, flexible. Wooden handle with hole.

Blade width	mm	20	30	40	50	60	70	80	
4895	Each	2,38	2,54	2,60	2,80	2,90	3,02	3,34	
Blade width	mm	100	120						
4895	Each	3,94	4,50						

4896




In hardened steel. Wooden handle.

Blade width	mm	20	30	50	60	70	80	90
4896	Each	3,42	3,36	3,78	3,78	4,12	4,46	4,80
Blade width	mm	100	120					
4896	Each	5,50	6,20					

Product running out of stock

4896R



INOX



Type in stainless steel, flexible. Plastic handle with hole.

Blade width	mm	40	60	80	100	120
4896R	Each	2,10	2,62	3,08	3,48	4,12

4897



INOX



In stainless steel. Handle in synthetic material.

Blade width	mm	40	60	80	100	120
4897	Each	7,40	8,24	9,26	10,30	12,90

4897E




Type of special steel, hardened. Wooden handle. Particularly suitable for plasterers.

Blade width	mm	120	140	160	180	200
4897E	Each	3,88	4,16	4,38	4,80	5,42

4897T




Type of special steel, hardened, for universal use. With two rounded corners.

In box of 12 pieces, indivisible.

Blade width	mm	30	40	50	60	80	100	120
4897T	Each	0,36	0,40	0,42	0,46	0,54	0,62	0,68

4898




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	30	40	50	60	70	80	100	120
4898	Each	0,46	0,50	0,60	0,64	0,82	0,88	1,06	1,28

4899




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	1,98	2,38	2,70

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	Per series	2,06
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4899P


In special steel, hardened. Sheet steel handle.
Width: 200mm.

Toothed blade for glue, mastic, etc.

4900	Each	6,92
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4900


Product description as Art. 4900

Smooth blade for plaster, etc.

4902	Each	6,68
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4902


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	14,40

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	5,28
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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	17,40
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4905B


Wooden handles Ø mm 24. Total length 1400 mm.

Suitable for spatulas Art. 4905 A - 4905 B.

O4905B	Each	4,52
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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 approx.	mm	35	40	48	55	65	70	80
4910	Each	2,26	2,52	2,98	4,96	7,06	11,10	15,90

4910


Product description as Art. 4910

Flat type. Thickness: 15mm.

Width	mm	20	30	40	50	60	80	100
Bristles length approx.	mm	45	50	55	60	60	65	70
4912	Each	2,58	3,20	4,02	4,96	5,82	9,36	12,50

4912


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 approx.	mm	30	50
4913	Each	3,74	4,82

4913


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 approx.	mm	18	27	33
4915	Each	0,90	1,10	1,68

4915


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 approx.	mm	47	52
4918	Each	2,40	3,74

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	14,70
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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	7,58
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METAL PLANES

5000G

SCU

**Prod. SCU**

Standard model. Steel blade with cut adjustment.

Length: 160mm. Iron width: 40mm.

5000G	Each	14,50
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5009G

SCU



Professional model with handle and knob. Iron in special steel. Cutting adjustment by means of a screw.

Length: 240mm. Iron width: 50mm.

5009G	Each	27,10
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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: 55mm.

5010G	Each	125,00
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WOODEN PLANES

5083

SCU

**Prod. SCU**

Standard model. Inserted tote and sole.

Double iron and short screw.

Length: 235mm.

Iron width	mm	44	48
5083	Each	37,70	38,50

Spare irons for Art. 5083.

Iron width	mm	44	48
O5083	Each	16,10	16,80

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

Spare irons for Art. 5085 G.

O5085G	Each	19,80
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SCU



5085G

REBATE PLANES

Prod. SCU

Standard model. Single-iron plane.

Length: 240mm.

Iron width	mm	22	28
5099	Each	24,10	25,10

Spare irons for Art. 5099.

Iron width	mm	22	28
O5099	Each	7,32	8,46

SCU



5099

Professional model. In precious wood.

Single-iron 30mm. Length: 240mm.

5105G	Each	41,60
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Spare irons for Art. 5105 G.

O5105G	Each	14,40
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SCU



5105G

Professional model. In precious wood.

Iron adjusting screw. Double-iron 30mm. Length: 240mm.

5108G	Each	63,10
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Spare irons for Art. 5108 G.

O5108G	Each	18,10
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SCU



5108G

WOODEN PLANES

Prod. SCU

Long pattern, double-iron.

In precious wood, polished. Sole inserted in hornbeam.

With grip. Length: 600mm - Iron width: 50mm.

5120G	Each	107,00
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SCU



5120G

MARKING GAUGES

Prod. SCU

Double-graduated model.

In precious wood, adjustable stems. Length: 220mm. Graduation range: 0-150mm.

5131G	Each	21,60
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SCU



5131G

BEVELLED CHISELS

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	20	22	25	30	32	35
5200G	Each	13,10	13,60	14,30	15,50	16,80	18,40	19,90

SCU



5200G

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	12,40	12,50	12,80	13,30	13,80	14,30	14,60

Cutting width	mm	18	20	22	25	30	32	35
5202G	Each	14,90	15,70	16,50	17,80	19,30	21,10	22,90

SCU



5202G

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	5,02	6,22	6,44	6,66	7,42	7,72	8,10
Cutting width	mm	18	20	22	25	28	30	
5208	Each	8,40	9,12	9,80	11,10	11,80	12,50	

5208GA

SCU



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	18
5208GA	Each	13,80	13,80	13,80	14,10	14,90	15,20	15,50	15,70
Cutting width	mm	20	22	25	28	30	35	40	
5208GA	Each	16,30	16,70	17,70	18,60	19,10	21,10	22,70	

5209GB

SCU



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	17,60	17,60	17,60	17,80	18,60	19,10	19,20
Cutting width	mm	18	20	22	25	30	35	40
5209GB	Each	19,50	20,10	20,50	21,50	22,90	24,80	26,60

SETS OF BEVELLED CHISELS

5209GP

SCU



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	125,66
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5209GR

SCU



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	190,10
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5209GS

SCU



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	221,10
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JOINER'S GOUGES

5211GA

SCU



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	24,20	25,20	26,10	27,10	27,90	29,60

MORTISE CHISELS

5217GA

SCU



Prod. SCU
High resistance steel. Accurately hardened and ground. Extra quality model - Shaped wooden handle.

Cutting width	mm	4	6	8	10	12
5217GA	Each	20,80	22,70	24,80	26,80	27,10

Sizes mm 4 and 12 are running out of stock

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MITRE SAWING APPLIANCES

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	110
Cut height	mm	150
5224G	Each	96,10

SCU

5224G



MITRE BOXES

Prod. SCU

In evaporated massive wood, glued. To cut frames straightly or obliquely.

Art.	5227GA	5227GB
Overall length	mm	250 300
	Each	7,58 8,04

SCU

5227GA
5227GB



SCRAPERS FOR VARIOUS USES

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	1,12
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SPARE BLADES for Art. 5228 GA. Minimum quantity 10pcs.

O5228GB	Each	0,28
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SCU

5228GA



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. Can also be supplied with plastic blades to avoid any damage to the treated surface (Art. O5228 GM).

Overall length	mm	110	210
5228GL	Each	5,70	23,80

REPLACEMENT BLADES per Art. 5228 GL 110/210. Supplied in packs of 10 INDIVISIBLE blades.

Steel blades.

O5228GL	Per pack	3,78
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Product description as Art. O5228GL

Plastic blades.

O5228GM	Per pack	4,56
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SCU

5228GL

110
210



SMALL BLADES CUTTERS

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.

Supplied with one 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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SCU

5228GP



UNIVERSAL TRAPEZOIDAL BLADE KNIVES

Prod. SCU

With screw fixed blade.
Combination knives to cut and scrape.
Supplied with 5 trapezoidal blades stored in the handle. In die-cast aluminium.
Suited to cut linoleum, cardboard, leather, plywood, plastic, etc.

Overall length with blade	mm	135
Blade thickness	mm	0.45
5231G	Each	9,34

SPARE BLADES for Art. 5231 G. Minimum quantity 10pcs.

Blade length	mm	51
O5231G	Each	0,46

SCU

5231G



5232G**SCU**

Heavy construction, with screw fixed blade.
Zinc die-cast handle. Supplied with five blades Art. 05232 GP.
Suited to cut linoleum, cardboard, leather, plywood, plastic, etc.

Overall length with blade mm 140
Blade thickness mm 0.65

5232G Each **11,50**

5232GM**SCU**

Heavy construction, toothed catch for rapid blade extension.
Zinc die-cast handle. Supplied with five blades Art. 05232 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**

5232GR**carolus**
by GEDORE**Orig. Carolus - Art. 9100.00**

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 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 **19,10**

**R 1****R 2**

REPLACEMENT BLADES per Art. 5232 GR. Supplied in packs of 10 INDIVISIBLE blades.

Blade length mm 60
O5232GR 1 Per pack **5,82**

Product description as Art. O5232GR 1

Blade length mm 53
O5232GR 2 Per pack **6,76**

5232GZ**SCU****Prod. 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 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 **1,08**

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. O5232 GZE. Integrated strippers and locking clips to your belt. For cutting linoleum, cardboard, leather, plastic, wood etc.

Overall length as folded mm 90
Overall length as open with blade mm 150
Blade thickness mm 0,65

5232GZE Each **25,60**

REPLACEMENT BLADES per Art. 5232 GZE. Supplied in packs of 5 INDIVISIBLE blades.

Blade length mm 60
O5232GZE Per pack **4,32**

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SAFETY UNIVERSAL KNIVES
Prod. SCU

With accident prevention system. Automatic safety blade retreat once the operator leaves the slider. Handle in die-cast zinc.

Supplied with a trapezoidal blade Art. 05233 A.

Suited to cut linoleum, cardboard, leather, plywood, plastic, etc. Overall length of the closed knife: 170mm.

Blade thickness	mm	0,65
5233A	Each	5,66

SPARE BLADES for Art. 5233 A. Minimum quantity 10pcs.

Trapezoidal type.

Blade length	mm	60
O5233A	Each	0,20

Product description as Art. O5233A

SPARE BLADES for Art. 5233 A. Minimum quantity 10pcs.

Hook type.

Blade length	mm	51
O5233B	Each	0,68

SCU
5233A


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 trapezoid blade long life and high flexibility. O50233 AC.

For cutting linoleum, cardboard, leather, plastic, wood etc. Total length from closed 170 mm.

Blade thickness	mm	0,65
5233AC	Each	14,90

SPARE BLADES for Art. 5233 AC. In packs of 5 blades, NOT SOLD SEPARATELY.

Blade length	mm	60
O5233AC	Per pack	5,20

SCU
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	17,80

SPARE BLADES for Art. 5233 C. In packs of 10 blades, NOT SOLD SEPARATELY.

Blade length	mm	60
O5233C	Per pack	9,98

5233C

UNIVERSAL KNIVES WITH SNAP-OFF BLADES
Orig. Carolus - Art. 9111.00

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	3,42

SPARE BLADES, 12 sectors for Art. 5233 F. Supplied in packs of 10 blades, NOT sold SEPARATELY.

Blade width	mm	9
O5233F	Per pack	1,14

5233F

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 three snap-off blades.

Stainless steel handle, thin, handy and sturdy.

Blade width: 9mm.

Overall length	mm	125
5233G	Each	9,02

SCU
5233G


5233GA



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 three snap-off blades.
Handle in unbreakable plastic.
Blade width: 9mm.

Overall length	mm	135
5233GA	Each	6,28

SNAP-OFF BLADE, 12 sectors, for Art. 5233 G - 5233 GA. Minimum quantity 10pcs.

Blade width	mm	9
O5233GB	Each	0,40

5233GC



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**

5233GE



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.
Ergonomic handle in unbreakable plastic with anti-slip notches.
Blade width: 189mm.

Overall length	mm	165
5233GE	Each	13,70

SPARE BLADE, 7 sectors, for Art. 5233 GC - GE. Minimum quantity 10pcs.

Blade width	mm	18
O5233GD	Each	0,48

5233GL



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	4,38

SNAP-OFF BLADE, 7 sectors, for Art. 5233 GL. Minimum quantity 10pcs.

Blade width	mm	18
O5233GM	Each	0,30

5233P



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	3,04

5233R



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	3,04

SPARE SNAP-OFF BLADES, 7 sectors, for Art. 5233 P - 5233 R. Minimum quantity 10pcs.

Blade width	mm	18
O5233T	Each	0,22

Orig. Carolus - Art. 9110.00

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	5,84

SPARE BLADES, 7 sectors per Art. 5233 v. Supplied in packs of 10 blades, NOT sold SEPARATELY.

Blade width	mm	18
O5233TA	Per pack	2,74


5233T

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	23,40

SPARE BLADES in 7 areas per Art. 5233 you. Supplied in packs of 8 INDIVISIBLE blades.

Blade width	mm	18
O5233TE	Per pack	9,88


5233TE

Orig. Carolus - Art. 9112.00

Professional model with wide blade and 3-level sharpening for efficient and heavy duty performances. Steel additional guides 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	12,70

SPARE BLADES, 7 sectors for Art. 5233 V. Supplied in packs of 10 blades, NOT sold SEPARATELY.

Blade width	mm	25
O5233V	Per pack	6,76


5233V

EXPANDED POLYSTYRENE KNIVES
Prod. SCU

Professional model with long blade, smooth, to cut polystyrene, insulating materials, glass fibres, etc.

Die-cast zinc handle, blade attached with screw. With 1 blade.

Overall length with blade	mm	245
Blade thickness	mm	0,45
5234	Each	9,20

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	Per pack	11,30


5234


SCULPTOR'S GOUGES

5234G 1 SCU



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	25,90	24,70	24,70	24,70	24,70	29,90	29,90	34,90
Width	mm	18	20	22	25	30	35	40	
5234G 1	Each	35,10	36,20	37,50	38,70	40,10	42,40	46,20	

5234G 2 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 2	Each	25,90	24,70	24,70	24,70	24,70	29,90	29,90	34,90
Width	mm	18	20	22	25	30	35	40	
5234G 2	Each	35,10	36,20	37,50	38,70	40,10	42,40	46,20	

5234G 3 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 3	Each	33,40	32,20	32,20	32,20	32,20	34,90	34,90	36,10
Width	mm	18	20	22	25	30	35	40	
5234G 3	Each	36,20	37,50	38,70	40,10	42,40	46,20	49,90	

5234G 4 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 4	Each	33,40	32,20	32,20	32,20	32,20	34,90	34,90	36,10
Width	mm	18	20	22	25	30	35	40	
5234G 4	Each	36,20	37,50	38,70	40,10	42,40	46,20	49,90	

5234G 5 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 5	Each	33,40	32,20	32,20	32,20	32,20	34,90	34,90	36,10
Width	mm	18	20	22	25	30	35	40	
5234G 5	Each	36,20	37,50	38,70	40,10	42,40	46,20	49,90	

5234G 6 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 6	Each	35,90	34,70	34,70	34,70	34,70	37,40	37,40	38,60
Width	mm	18	20	22	25	30	35	40	
5234G 6	Each	38,70	39,90	42,40	44,90	49,90	56,10	62,30	

5234G 7 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 7	Each	35,90	34,70	34,70	34,70	34,70	37,40	37,40	38,60
Width	mm	18	20	22	25	30	35	40	
5234G 7	Each	38,70	39,90	42,40	44,90	49,90	56,10	62,30	

5234G 8 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 8	Each	35,90	34,70	34,70	34,70	34,70	37,40	37,40	38,60
Width	mm	18	20	22	25	30	35	40	
5234G 8	Each	38,70	39,90	42,40	46,50	49,90	56,10	62,30	

5234G 9 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 9	Each	38,40	37,10	37,10	37,10	37,10	39,90	39,90	
Width	mm	16	18	20	22	25			
5234G 9	Each	42,40	42,40	44,90	49,90	54,90			

5234G 10 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 10	Each	38,40	37,10	37,10	37,10	37,10	39,90	39,90	
Width	mm	16	18	20	22	25			
5234G 10	Each	42,40	42,40	44,90	49,90	54,90			

5234G 11 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 11	Each	38,40	37,10	37,10	37,10	37,10	39,90	39,90	
Width	mm	16	18	20	22	25			
5234G 11	Each	42,40	42,40	44,90	49,90	54,90			

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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	
5234G 12	Each	35,90	34,70	34,70	34,70	34,70	37,40	37,40	
Width	mm	16	18	20					
5234G 12	Each	38,60	38,70	39,90					



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 13	Each	35,90	34,70	34,70	34,70	34,70	37,40	37,40	
Width	mm	16	18	20					
5234G 13	Each	38,60	38,70	39,90					



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 14	Each	35,90	34,70	34,70	34,70	34,70	37,40	37,40	
Width	mm	16	18	20					
5234G 14	Each	38,60	38,70	39,90					



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 15	Each	38,40	37,10	37,10	37,10	37,10	39,90	39,90	
Width	mm	16	18	20					
5234G 15	Each	42,40	42,40	44,90					



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 16	Each	38,40	37,10	37,10	37,10	37,10	39,90	39,90	
Width	mm	16	18	20					
5234G 16	Each	42,40	42,40	44,90					



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 17	Each	38,40	37,10	37,10	37,10	37,10	39,90	39,90	
Width	mm	16	18	20					
5234G 17	Each	42,40	42,40	44,90					



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 18	Each	40,90	39,60	39,60	39,60	39,60	42,40	42,40	
Width	mm	16	18	20					
5234G 18	Each	44,80	44,90	47,40					



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 19	Each	40,90	39,60	39,60	39,60	39,60	42,40	42,40	
Width	mm	16	18	20					
5234G 19	Each	44,80	44,90	47,40					



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 20	Each	40,90	39,60	39,60	39,60	39,60	42,40	42,40	
Width	mm	16	18	20					
5234G 20	Each	44,80	44,90	47,40					



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 21	Each	30,90	29,70	29,70	29,70	29,70	32,40	32,40	
Width	mm	16							
5234G 21	Each	36,10							



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 22	Each	30,90	29,70	29,70	29,70	29,70	32,40	32,40	
Width	mm	16							
5234G 22	Each	36,10							



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	
5234G 23	Each	30,90	29,70	29,70	29,70	29,70	32,40	32,40	
Width	mm	16							
5234G 23	Each	36,10							



5234G 24 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 24	Each	37,20	35,90	35,90	35,90	35,90	38,60	38,60	39,90

5234G 25 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 25	Each	37,20	35,90	35,90	35,90	35,90	38,60	38,60	39,90

5234G 26 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 26	Each	37,20	35,90	35,90	35,90	35,90	38,60	38,60	39,90

5234G 27 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 27	Each	39,60	38,40	38,40	38,40	38,40	41,10	41,10	43,60

5234G 28 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 28	Each	39,60	38,40	38,40	38,40	38,40	41,10	41,10	43,60

5234G 29 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 29	Each	39,60	38,40	38,40	38,40	38,40	41,10	41,10	43,60

5234G 30 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 30	Each	42,10	40,90	40,90	40,90	40,90	43,60	43,60	46,10

5234G 31 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 31	Each	42,10	40,90	40,90	40,90	40,90	43,60	43,60	46,10

5234G 32 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 32	Each	42,10	40,90	40,90	40,90	40,90	43,60	43,60	46,10

5234G 33 SCU



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 34 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 34	Each	38,40	37,10	37,10	37,10	37,10	39,90	39,90	41,10

5234G 35 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 35	Each	38,40	37,10	37,10	37,10	37,10	39,90	39,90	41,10

5234G 36 SCU



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 36	Each	40,90	39,60	39,60	39,60	39,60	42,40	42,40	44,80

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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 37	Each	40,90	39,60	39,60	39,60	39,60	42,40	42,40	44,80



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 38	Each	40,90	39,60	39,60	39,60	39,60	42,40	42,40	44,80



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12	14	16
5234G 39	Each	40,90	39,60	39,60	39,60	39,60	49,80	49,80	54,80



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 40	Each	44,60	43,30	43,30	43,30	43,30	54,80



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 41	Each	40,90	39,60	39,60	39,60	39,60	49,80



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 42	Each	44,60	43,30	43,30	43,30	43,30	54,80



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 43	Each	45,80	44,60	44,60	44,60	44,60	57,30



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 44	Each	45,80	44,60	44,60	44,60	44,60	57,30



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 45	Each	40,90	39,60	39,60	39,60	39,60	49,80



Product description as Art. 5234G 1

Width	mm	2	4	6	8	10	12
5234G 46	Each	44,60	43,30	43,30	43,30	43,30	54,80

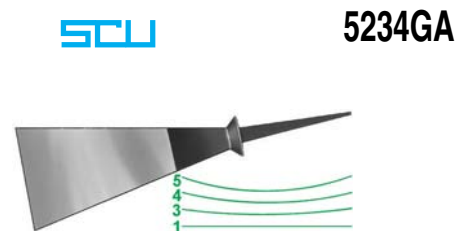


Suited to sculptors. Wide dimensions.
In alloyed steel. Hardened, finely ground and polished.
Swiss-type.

Shape		1	1	1*	3	3	3*	4
Width	mm	50	60	70	50	60	70	50
5234GA	Each	82,80	108,00	119,00	108,00	116,00	126,00	108,00

Shape		4	4*	5	5	5*
Width	mm	60	70	50	60	70
5234GA	Each	116,00	126,00	108,00	116,00	126,00

* Sizes running out of stock



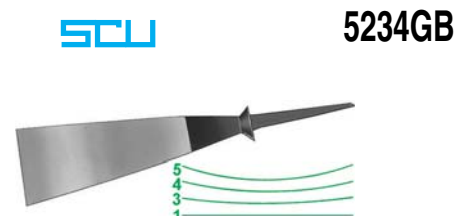
Product description as Art. 5234GA

Tiroler-type.

Shape		1	1	1*	3	3	3*	4
Width	mm	50	60	70	50	60	70	50
5234GB	Each	95,20	125,00	138,00	125,00	133,00	145,00	125,00

Shape		4	4*	5	5	5*
Width	mm	60	70	50	60	70
5234GB	Each	133,00	145,00	125,00	133,00	145,00

* Sizes running out of stock



SETS OF SCULPTOR'S GOUGES

5234GL SCU



Prod. SCU

In alloyed steel. Finely polished working parts.
Accurately hardened for a long lasting cutting edge.
Suited to sculptors.
Supplied in robust holding bag.

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 336,00

5234GP SCU



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 495,00

5234GT SCU



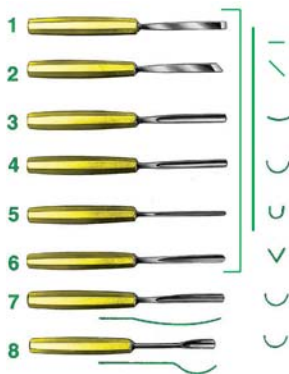
Product description as Art. 5234GL

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 988,00

SCULPTOR'S GOUGES WITH HANDLE

5235G SCU



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
Width	mm	2	4	6	8	10	2	4
5235G	Each	19,90	19,90	19,90	19,90	19,90	19,90	19,90
Shape		2	2	2	3	3	3	3
Width	mm	6	8	10	2	4	6	8
5235G	Each	19,90	19,90	19,90	26,10	26,10	26,10	26,10
Shape		3	4	4	4	4	4	5
Width	mm	10	2	4	6	8	10	2
5235G	Each	26,10	26,10	26,10	26,10	26,10	26,10	31,60
Shape		5	5	5	6	6	6	6
Width	mm	4	6	8	2	4	6	8
5235G	Each	31,60	31,60	31,60	32,40	32,40	32,40	32,40
Shape		7	7	7	7	7	8	8
Width	mm	2	4	6	8	10	2	4
5235G	Each	31,50	31,50	31,50	31,50	31,50	32,60	32,60
Shape		8	8	8				
Width	mm	6	8	10				
5235G	Each	32,60	32,60	32,60				

WOODEN MALLETS FOR GOUGES

5236G SCU



Prod. SCU

In precious wood, suited to be used with gouges.

Head Ø	mm	80	100
5236G	Each	27,50	35,20

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Prices in EURO - VAT not included

LINOLEUM CARVING TOOLS IN PLASTIC KIT
Prod. SCU

Suitable to cut linoleum and plastic materials and for wood sculptors.
 Extra-fine quality steel, hardened. Supplied in bag.
 Tools with handle.
 Each kit contains 3 gouges and 1 knife

5237G Each **94,30**

SCU

5237G

Product description as Art. 5237G

Each kit contains 3 knives

5238G Each **44,10**

SCU

5238G

Product description as Art. 5237G

Each kit contains 3 gouges, 3 blades and 1 abrasive sanding block

5238GA Each **133,00**

SCU

5238GA

Loose spare blades for sets Art. 5237 G, 5238 G and 5238 GA.

Knife with frontal cutting edge

5239GA Each **12,50**

SCU

5239GA

Product description as Art. 5239GA

Knife with straight side cutting edge.

5239GB Each **13,10**

SCU

5239GB

Product description as Art. 5239GA

Knife with narrow side cutting edge.

5239GC Each **14,90**

SCU

5239GC

Product description as Art. 5239GA

Knife with double cutting edge.

5239GD Each **18,50**

SCU

5239GD

Product description as Art. 5239GA

Knife with oblique cutting edge.

5239GE Each **11,40**

SCU

5239GE
TOOL HANDLES
Prod. SCU

Made of wood. With metal double ring nut.

Overall length	mm	130	140	150
5239T	Each	1,08	1,12	1,30

SCU

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	1,68	2,48

SCU

5240G

5240GE SCU



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	14,10	16,20

WELDING BAR CLAMPS

5241G SCU



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	27,10	30,10	33,10	37,20

WELDING BAR CLAMPS

5242G SCU



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	98,20

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	30x6	30x6	30x6	35x7	35x7	40x7
5243T	Each	10,50	11,80	14,70	21,20	23,30	28,10	33,90
Useful opening	mm	1200	1500	2000				
Depth	mm	120	120	120				
Rod section	mm	40x7	40x8	40x8				
5243T	Each	39,60	46,20	75,90				

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	23,10	26,90	28,70	36,10	38,50	44,10	58,10
Useful opening	mm	1200	1500	2000				
Depth	mm	110	110	110				
Rod section	mm	40x7	40x7	40x8				
5244	Each	62,80	77,90	107,00				

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Prices in EURO - VAT not included

UNIVERSAL STEEL BAR CLAMPS

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	31,00	32,10	33,30	35,60	37,90	40,10	44,70
Useful opening	mm	1000	1200	1500	2000			
5244GA	Each	49,30	53,80	60,70	72,10			



5244GA

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	31,00	32,10	33,30	35,60	37,90	40,10	44,70
Useful opening	mm	1000	1200	1500	2000			
5244GE	Each	49,30	53,80	60,70	72,10			



5244GE

Prod. SCU

In forged hardened steel, profiled bar.
Quick adjusting tightening device with clamp and mobile clamping surface.
Tested at high clamping pressure.
Totally galvanized, burnished clamp 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	18,50	23,10	29,30	35,90	44,50	51,90	55,80
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	59,60	73,10	82,70				



5245G

Orig. Gedore - Art. TGP

Product description as Art. 5245G

With ergonomic wooden handle, articulated, joining the advantages of a fixed wooden handle and of a lever handle.

Useful opening	mm	300	400	800	1000	1200
Depth	mm	140	120	120	120	120
Rod section	mm	25x12	25x12	28x14	28x14	28x14
Tightening force	N	6500	7500	8500	8500	8500
5245GE	Each	46,90	48,70	67,90	78,30	87,30



5245GE

Product running out of stock

5245GM

**Prod. SCU**

Product description as Art. 5245G

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	22,30	28,90	34,60	44,20	49,90	53,80	57,60
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	71,00	80,70	104,00	116,00			

5245GME

**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.

Totally galvanized, burnished clamp screws.

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
Weight	Kg	2,5	2,8	3	3,4	3,7	4,1	4,7
5245GME	Each	46,80	48,90	50,90	55,10	59,60	63,70	72,40
Useful opening	mm	1000	1200					
Weight	Kg	5,2	5,7					
5245GME	Each	80,70	85,10					

5245GP

**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	58,90	61,50	63,50	68,40	73,10	78,00	85,80
Useful opening	mm	1000						
Weight	Kg	3,9						
5245GP	Each	96,10						

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	76,80	82,70	91,10	95,30	110,00	120,00	138,00
Useful opening	mm	1500						
Depth	mm	120						
Weight	Kg	6,60						
5245GR	Each	154,00						

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	116,00	127,00	139,00	150,00	162,00	193,00	223,00	
Useful opening	mm	1500							
Weight	Kg	12,10							
5245GS	Each	250,00							


5245GS
UNIVERSAL STEEL BAR CLAMPS, QUICK LOCKING
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	31,50	44,80	51,60	63,70	66,90	70,40	73,40	
Useful opening	mm	800	1000						
Depth	mm	120	120						
Rod section	mm	27x13	27x13						
Tightening force	N	6000	6000						
5245GSE	Each	85,20	94,30						


5245GSE

For snap-on clamps see Art. 429 GT-V.

Prod. SCU - Orig. Synchro - Lock

Totally in forged and hardened steel, with profiled bar.

Ratchet-type clamping device, double release (lever and button) for an easier upper and lower bracketing. Safe location of the device for highest finger protection. Rapid screw clamp closing and opening with little effort.

Highest tightenig even in case of vibrations.

Useful opening	mm	300	500	600
Depth	mm	120	120	120
Rod section	mm	25x12	25x12	25x12
5245GV	Each	47,60	57,40	59,60


5245GV

Product running out of stock

UNIVERSAL IRON BAR CLAMPS
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	8,30	8,48	12,70	13,10	13,60	14,60	15,50


5245GZ

Forged and hardened bar, profiled and side knurled for highest strength.

Ribbed arms in high resistance cast iron GTW 40. Wooden handle.

Caps in syntheric material protect work surface.

Type		400L
Useful opening	mm	400
Depth	mm	120
Rod section	mm	29x9
5246G	Each	26,40


5246G

Product running out of stock

5246GA SCU

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	28,70	45,90	46,80	50,60	54,90	59,10	62,90

Useful opening	mm	800	1000
Depth	mm	120	120
Rod section	mm	30x8	30x8
Tightening force	N	4500	4500
5246GA	Each	70,60	79,10

5246GC SCU

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	25,60	30,10	41,90	48,90	61,20	68,50	74,90

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	79,10	89,30	99,50	109,00	119,00	145,00

5246GF SCU

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	28,90	40,40	48,90	61,20	67,20	74,90	77,10

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	86,30	99,50	105,00	119,00	145,00

5246GL SCU

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
Useful opening	mm	400	400	600	600	800	800	1000
Depth	mm	250	400	250	400	300	400	300
Rod section	mm	45x12	45x12	45x12	45x12	45x12	45x12	45x12
Tightening force	N	8000	8000	8000	8000	8000	8000	8000
5246GL	Each	92,10	159,00	105,00	172,00	130,00	185,00	144,00

Type		1000A
Useful opening	mm	1000
Depth	mm	400
Rod section	mm	45x12
Tightening force	N	8000
5246GL	Each	202,00

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	800	1000
5246GM	Each	47,10	52,60

Product running out of stock

U-STEEL BAR CLAMPS
Prod. SCU

Heavy construction.

Suitable to tighten bulky workpieces. Slider grip. In forged and hardened steel, profiled bar. Quick adjusting tightening device with clamp and reinforced adjustable mobile clamping surface. Totally galvanized, burnished clamp screws provided with hexagon to be operated aslo with torque wrenches.

Particularly suitable for carpentry, welding, building, etc.

Type		300	300A	500
Useful opening	mm	300	300	500
Depth	mm	120	175	120
Rod section	mm	30x15	40x20	30x15
5249GF	Each	97,20	171,00	109,00

Product running out of stock


5249GF
CLAMPS
Prod. SCU

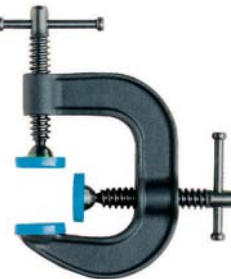
High resistance cast iron arc. Rolled and hardened screws with sliding bars.

Wide clamping surface with protection caps in synthetic material.

Working opening: 70mm, depth: 60mm.

5249GT	Each	99,10
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Product running out of stock


5249GT
CLAMPS
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	8,34	16,70	20,40	35,10	50,10


5256G
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	37,50	44,10	48,60	55,20	70,60	79,40


5256GE

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	40,30	47,40	52,10	59,20	75,80


5256GP
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	53,20	65,40	76,20	137,00	240,00	359,00

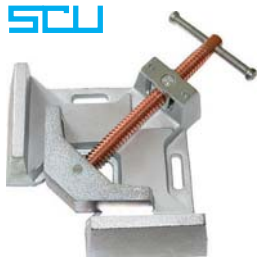
Size 35mm with round-shaped arc and locking wing nut, painted.


5256GR

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	265,00
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5258G

SCU



Body in special cast iron, galvanized screw.

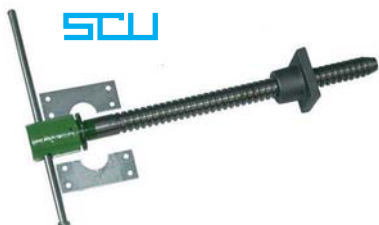
Suitable for 90° pipe and all kind of metal profile welding.

Size		1	2
Tightening capacity up to	mm	50	100
Weight	Kg	1,4	2,6
5258G	Each	204,00	314,00

CARPENTER'S BENCH SCREWS

5260

SCU



Prod. SCU

Forged. Square threaded screws.

Screw Ø	mm	22	24	26	30
Overall length	mm	350	400	400	400
5260	Each	76,40	82,60	89,40	109,00

GRINDING WHEELS

7000G

SEBALD



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	10,40	10,40	15,30	15,30	16,40	16,40	20,30
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	20,30	20,30	23,70	23,70	23,70	30,30	30,30
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	30,30	32,50	32,50	32,50	39,30	39,30	39,30
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	44,30	44,30	44,30	56,50	56,50	56,50	66,40
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	66,40	66,40	83,60	83,60	97,20	97,20	139,00
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	139,00	171,00	171,00	220,00	220,00	460,00	460,00

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	5,56	5,56	10,10	10,10	11,10	11,10	13,30	13,30	13,30
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	16,50	16,50	16,50	19,10	19,10	19,10	20,70	20,70	20,70
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	21,80	21,80	21,80	23,30	23,30	23,30	33,40	33,40	33,40
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	43,10	43,10	43,10	55,20	55,20	55,20			

SCU

7005



Orig. H. Sebal

In electrocorindon. 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	11,90	11,90	18,90	18,90	22,60	22,60	26,90
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	26,90	28,90	28,90	34,50	34,50	35,70	35,70
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	35,70	44,10	44,10	44,10	49,70	49,70	49,70
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	63,50	63,50	63,50	74,50	74,50	74,50	93,50
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	93,50	93,50	109,00	109,00	109,00	219,00	219,00

SEBALD

7010G



Prod. SCU

In electrocorindon. 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	6,90	6,90	13,70	13,70	17,10	17,10	20,50	20,50
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	21,50	21,50	25,70	25,70	27,20	27,20	27,20	29,30
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	29,30	29,30	46,10	46,10	46,10	54,30	54,30	54,30
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	68,10	68,10	68,10	117,00	117,00	117,00		

SCU

7015



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	21,90	21,90	26,90	26,90	31,60	31,60	42,50
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	42,50	52,00	52,00	59,10	59,10	75,40	75,40
Ø and thickness	mm	250x30	250x30	300x30				
Grain		M	F	M				
Bore Ø	mm	25	25	30				
7020G	Each	88,30	88,30	111,00				

7021



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).

Medium hardness.

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	21,20	21,20	21,80	21,80	26,00	26,00	33,70
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	33,70	36,10	36,10	60,60	60,60	68,50	68,50
Ø and thickness	mm	250x30	250x30	300x30*				
Grain		M	F	M				
Bore Ø	mm	25	25	30				
7021	Each	85,30	85,30	148,00				

* Sizes running out of stock

BEVELED GRINDING WHEELS

7022G



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	14,20	15,60	22,80	22,80	32,50

7024G



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	15,80	17,60	25,30	25,30	35,70

Only Art. 7024 G 250x10 in white colour.

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	19,10	20,80	30,10	30,10	42,50


7026G

GRINDING WHEELS
Orig. H. Sebald

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	18,20	18,20	21,70	21,70	35,70	35,70


7028G

GRINDING WHEELS
Orig. H. Sebald

DIN 69148. In electrocorindon. COLOUR: WHITE. Suited to sharpen and grind. High performance and reduced power consumption grinding wheels. Quick metal removal. Suitable for very quick grinding and smoothing with angle electric grinder, without overheating.
 Grade: 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	19,20	19,20	26,60	26,60	40,10	40,10	54,10	54,10


7040G

GRINDING WHEELS
Orig. H. Sebald

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).
 Medium hardness.

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	11,50	11,50	21,60	21,60	31,60	31,60	51,50

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	51,50	78,00	78,00


7044G

GRINDING WHEELS
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	9,68	24,80


7050G


7051G



Suitable for high speed trimming and smoothing with angle grinder.
Strong resin binder.
High performance and long lasting life. Grade 60.
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	9,68
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7052G



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	9,98	24,10
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DIAMOND CUTTING WHEELS

7080G



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	230
Segment height x thickness	mm	7x2	7,5x2,6
Max speed	rev/min	13300	6600

7080G	Each	7,06	21,40
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Very efficient cooling is obtained by letting the wheel idle at intervals.

7090G



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 thickness	mm	10x2	10x2	10x2,2	10x2,4
Max speed	rev/min	13300	12200	8600	6600

7090G	Each	24,90	28,90	39,70	53,40
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Very efficient cooling is obtained by letting the wheel idle at intervals.

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 thickness	mm	8x2,7	8x2,8	8x3	8x3,2
Max speed	rev/min	13300	12200	8600	6600

7092G	Each	20,50	23,40	53,40	66,90
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Very efficient cooling is obtained by letting the wheel idle at intervals.

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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 thickness	mm	8x2,7	8x2,8	8x3	8x3,2
Max speed	rev/min	13300	12200	8600	6600
7093G	Each	22,20	26,20	57,80	71,20

Very efficient cooling is obtained by letting the wheel idle at intervals.


7093G

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 thickness	mm	7x1,6	7x1,6	7x1,6	8x1,7
Max speed	rev/min	13300	12200	8600	6600
7094G	Each	17,50	21,10	31,90	47,70

Very efficient cooling is obtained by letting the wheel idle at intervals.


7094G

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 thickness	mm	7x1,2	7x1,2	10x1,6	10x1,6
Max speed	rev/min	13300	12200	8600	6600
7096G	Each	22,50	28,30	62,50	80,60

Very efficient cooling is obtained by letting the wheel idle at intervals.


7096G

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 thickness	mm	7x6,4	7x6,4
Max speed	rev/min	13300	12200
7098G	Each	46,00	51,40

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 type.

Ø	mm	100	125	180
Segment height x thickness	mm	8x5	8x5	8x5
Max speed	rev/min	15200	12200	8600
7099GA	Each	62,80	79,10	120,00


7099GA


7099GAL SCU

new



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 thickness	mm	8x5
Max speed	rev/min	12200
7099GAL	Each	16,70

7099GB Sonnenflex



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 type.

Ø	mm	100	125	180
Segment height x thickness	mm	8x5	8x5	8x5
Max speed	rev/min	15200	12200	8600
7099GB	Each	86,30	102,00	136,00

7099GBL SCU

new



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 thickness	mm	8x5
Max speed	rev/min	12200
7099GBL	Each	17,50

7099GE SCU

new



Prod. 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 thickness	mm	4x20
Max speed	rev/min	12200
7099GE	Each	18,20

CUTTING-OFF WHEELS FOR STEEL AND INOX

7100G Sonnenflex



Metal

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. Grade 30.

Ø	mm	115	125	230
Thickness	mm	3	3	3
Indicative pck.	pcs	25	25	25
7100G	Each	1,58	1,68	3,26

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Orig. Sonnenflex - Art. AS 30 PBF-ROF-F.41

Product description as Art. 7100G

Flat centre model. Grade 30.

Ø	mm	180	230
Thickness	mm	3	3
Indicative pck.	pcs	25	25
7105G	Each	2,12	3,26


7105G

Metal

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. Grain 60.

Ø	mm	115	125
Thickness	mm	0,8	0,8
Indicative pck.	pcs	25	25
7106G	Each	1,76	1,92


7106G

Metal

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. Grain 60.

Ø	mm	115	125
Thickness	mm	1	1
Indicative pck.	pcs	25	25
7106P	Each	1,64	1,86


7106P
new

Metal

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.

Flat and thin centre model. Grade 60.

Ø	mm	115	125
Thickness	mm	1	1
Indicative pck.	pcs	50	50
7107G	Each	1,28	1,38


7107G

Metal

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. Grain 46.

Ø	mm	115	125	180
Thickness	mm	1,6	1,6	1,6
Indicative pck.	pcs	25	25	25
7107P	Each	1,60	1,66	2,60


7107P
new

Metal


7108G**Metal****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. Flat and thin centre model. Grade 46.

Ø	mm	115	125
Thickness	mm	1,6	1,6
Indicative pck.	pcs	50	50
7108G	Each	1,28	1,38

7109G*new***Metal****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. Grain 36.

Ø	mm	230
Thickness	mm	1,9
Indicative pck.	pcs	25
7109G	Each	3,76

7110G**Metal****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. Grade 36/40.

Ø	mm	180	230
Thickness	mm	1,6	1,9
Indicative pck.	pcs	25	25
7110G	Each	2,12	2,76

7115G**Metal****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. Grade 30.

Ø	mm	115	125	230
Thickness	mm	3	3	3
Indicative pck.	pcs	25	25	25
7115G	Each	1,68	1,78	3,76

CUTTING-OFF WHEELS FOR ALUMINIUM**7119G****Metal****Orig. Sonnenflex - Art. AS 46 RBF-ALU-F.41**

For cutting aluminium and non-ferrous metals. The particular structure of the grinding prevents clogging due to the material removal rate while also being able to maintain the abrasive power and prolong the operational time. Comes in a tempered model which is strong in electrocorundum, and has synthetic resin binder. Fibre reinforcement. Hole diameter 22 mm.

Ø	mm	115	125
Thickness	mm	1,6	1,6
Indicative pck.	pcs	50	50
7119G	Each	1,42	1,52

Orig. Sonnenflex - Art. AS 36 RBF-ALU-F.42

Product description as Art. 7119G

Depressed-centre model. Grade 36.

Ø	mm	115	125	180
Thickness	mm	3	3	3
Indicative pck.	pcs	25	25	25
7120G	Each	1,58	1,68	3,02

Size mm 180 is running out of stock



7120G



Metal



Orig. Sonnenflex - Art. AS 36 RBF-ALU-F.41

Product description as Art. 7119G

Flat centre model. Grade 36.

Ø	mm	180	230
Thickness	mm	3	3
Indicative pck.	pcs	25	25
7125G	Each	3,02	3,26

Size mm 180 is running out of stock



7125G



Metal



ROUGH GRINDING WHEELS FOR METAL

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. Grade 60.

Ø	mm	115	125
Thickness	mm	1	1
Indicative pck.	pcs	50	50
7127G	Each	1,08	1,18



7127G



Metal



Orig. Sonnenflex - Art. AS 46 RBF-F.41

Product description as Art. 7127G

Flat and thin centre model. Grade 46.

Ø	mm	115	125
Thickness	mm	1,6	1,6
Indicative pck.	pcs	50	50
7128G	Each	1,14	1,24



7128G



Metal



Orig. Sonnenflex - Art. AS 36 RBF-F.42

Product description as Art. 7127G

Depressed-centre model. Grade 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	1,24	1,18	1,34	2,18	2,46

Art. 7130 G 100 : bore Ø 17mm



7130G



Metal



7136G



Metal

**Orig. Sonnenflex - Art. AS 36 RBF-F.41**

Product description as Art. 7127G

Flat centre model. Grade 36.

Ø	mm	115	125	180	230
Thickness	mm	2,5	2,5	3	3
Indicative pck.	pcs	25	25	25	25
7136G	Each	1,28	1,34	2,18	2,60

7137G



Metal

**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. Grade 40.

Ø	mm	115	125
Thickness	mm	2	2
Indicative pck.	pcs	50	50
7137G	Each	1,28	1,34

7138G



Metal

**Orig. Sonnenflex - Art. AS 40 RBF-F.41**

Product description as Art. 7137G

Flat centre model. Grade 40.

Ø	mm	115	125	180	230
Thickness	mm	2	2	2	2
Indicative pck.	pcs	25	25	25	25
7138G	Each	1,28	1,34	2,12	2,60

7140G



Metal

**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. Grade 30.

Ø	mm	300	350	400
Thickness	mm	3,5	3,5	4,5
Indicative pck.	pcs	25	20	15
7140G	Each	5,48	9,24	10,40

7145G



Metal

**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. Grade 36.

Ø	mm	300	355
Thickness	mm	2,8	2,8
Indicative pck.	pcs	25	25
7145G	Each	5,14	9,08

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COMBINED CUTTING WHEELS FOR STEEL, INOX, STONE AND TILE

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. Grain 60.

Ø	mm	115	125
Thickness	mm	1	1
Indicative pck.	pcs	50	50
7146G	Each	1,42	1,52



7146G



**Metals
Stones**



DEPRESSED-CENTRE GRINDING WHEELS FOR STEEL AND INOX

Orig. Sonnenflex - Art. A 46P BF-ROF-F.27

Suitable for cutting and deburring metals, steels and inox.

Very high performance thanks to the very good combination of thickness and reinforcement.

In hardened and tempered 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	2,62	2,62



7147G



Metal



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. Reinforced. Hole Ø 24mm.

Ø	mm	115	125	180	230
Thickness	mm	6	6	8	8
Indicative pck.	pcs	10	10	10	10
7150G	Each	2,26	2,42	5,54	7,16



7150G



Metal



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 and tempered electrocorindon.

Very high efficiency and durability. Reinforced. Hole Ø 22mm.

Depressed-centre model. Grade 24.

Ø	mm	115	125	180	230
Thickness	mm	6	6	6	6
Indicative pck.	pcs	10	10	10	10
7155G	Each	2,52	2,76	4,44	6,28



7155G



Metal



Prod. SCU

Ultra high performance model with special abrasive zirconium compounds and abrasive surface design involved in fittings. This allows fast processing with few grinding vibrations and 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 Diameter 22 mm.

Centrally pressed. 36 grit.

Ø	mm	115	125	180
Thickness	mm	5	5	5
Indicative pck.	pcs	10	10	10
7157G	Each	8,14	9,20	16,20



7157G



Metal



DEPRESSED-CENTRE GRINDING WHEELS FOR ALUMINIUM

7160G



Metal



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-centre model. Grade.24

Ø	mm	115	125
Thickness	mm	6	6
Indicative pck.	pcs	10	10
7160G	Each	2,12	2,36

ROUGH GRINDING WHEELS FOR METAL

7165G



Metal



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	180x6	180x8	230x6	230x8
Indicative pck.	pcs	10	10	10	10	10	10	10
7165G	Each	1,68	1,92	2,12	3,64	4,48	5,64	6,14

7168G



Metal



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	1,92	2,12	3,64	5,64

ROUGH GRINDING WHEELS

7175G



Stones



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. Grade 30.

Ø	mm	115	125	230
Thickness	mm	3	3	3
Indicative pck.	pcs	25	25	25
7175G	Each	1,28	1,34	2,76

7176G



Stones



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. Grade 30.

Ø	mm	115	125	180	230
Thickness	mm	3	3	3	3
Indicative pck.	pcs	25	25	25	25
7176G	Each	1,28	1,34	2,26	2,76

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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. Grain 30.

Ø	mm	115	125	180	230
Thickness	mm	3	3	3	3
Indicative pck.	pcs	25	25	25	25
7195GA	Each	1,28	1,34	2,26	2,76



7195GA



**Metals
Stones**



Orig. Sonnenflex - Art. AC 30 RBF-F.41

Product description as Art. 7195GA

Type at flat center.

Ø	mm	180	230	300	355
Thickness	mm	3	3	3,5	4
Indicative pck.	pcs	25	25	25	20
7195GB	Each	2,26	2,76	5,58	9,92



7195GB



**Metals
Stones**



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 and tempered silicon carbide, hard type.

Synthetic resin binder.

Reinforced. Hole Ø 22mm.

Depressed-centre model. Grade 24.

Ø	mm	115	125	180
Thickness	mm	6	6	8
Indicative pck.	pcs	10	10	10
7200G	Each	2,02	2,28	4,94

Size mm 180 is running out of stock



7200G



Stones and Cast Iron



ABRASIVE FILES

Prod. SCU

Made of 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**SCU**

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**SCU**

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**SCU**

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	2,64
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**SCU**

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**SCU**

Made of 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	2,58	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.

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	2,80
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	2,80
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	2,80
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. Made of electrocorundum. Brown colour.

Files for sharpening or grinding hard or hardened steel. Dry/water/oil use.

Kind of grain: G (120 Coarse) – M (180 Medium) – F (320 Fine).

Square files.

Dimensions approx.	mm 100x8	100x8	100x8	100x10	100x10	100x10	150x10	
Grain	G	M	F	G	M	F	G	
7612GA	Each	5,24	5,24	5,24	5,30	5,30	7,72	
Dimensions approx.	mm 150x10	150x10	150x13	150x13	150x13	150x15	150x15	
Grain	M	F	G	M	F	G	M	
7612GA	Each	7,72	7,72	7,92	7,92	7,92	8,28	8,28
Dimensions approx.	mm 150x15	200x20	200x20	200x20				
Grain	F	G	M	F				
7612GA	Each	8,28	10,70	10,70	10,70			

Indicative packing unit: 10 pieces.

APEX

7612GA



7612GB APEX


Product description as Art. 7612GA

Triangular files.

Dimensions approx.	mm	100x8 G	100x8 M	100x8 F	100x10 G	100x10 M	100x10 F	150x10 G
Grain								
7612GB	Each	6,78	6,78	6,78	6,84	6,84	6,84	8,56
Dimensions approx.	mm	150x10 M	150x10 F	150x13 G	150x13 M	150x13 F	150x15 G	150x15 M
Grain								
7612GB	Each	8,56	8,56	8,72	8,72	8,72	9,42	9,42
Dimensions approx.	mm	150x15 F	200x20 G	200x20 M	200x20 F			
Grain								
7612GB	Each	9,42	12,70	12,70	12,70			

Indicative packing unit: 10 pieces.

7612GC APEX


Product description as Art. 7612GA

Round files

Dimensions approx.	mm	100x8 G	100x8 M	100x8 F	100x10 G	100x10 M	100x10 F	150x10 G
Grain								
7612GC	Each	6,88	6,88	6,88	6,94	6,94	6,94	7,88
Dimensions approx.	mm	150x10 M	150x10 F	150x13 G	150x13 M	150x13 F	150x15 G	150x15 M
Grain								
7612GC	Each	7,88	7,88	8,14	8,14	8,14	9,36	9,36
Dimensions approx.	mm	150x15 F	200x20 G	200x20 M	200x20 F			
Grain								
7612GC	Each	9,36	11,80	11,80	11,80			

Indicative packing unit: 10 pieces.

7612GD APEX


Product description as Art. 7612GA

Half-round files.

Dimensions approx.	mm	100x8 G	100x8 M	100x8 F	100x10 G	100x10 M	100x10 F	150x10 G
Grain								
7612GD	Each	7,02	7,02	7,02	7,20	7,20	7,20	9,42
Dimensions approx.	mm	150x10 M	150x10 F	150x13 G	150x13 M	150x13 F	150x15 G	150x15 M
Grain								
7612GD	Each	9,42	9,42	9,66	9,66	9,66	9,92	9,92
Dimensions approx.	mm	150x15 F	200x20 G	200x20 M	200x20 F			
Grain								
7612GD	Each	9,92	12,30	12,30	12,30			

Indicative packing unit: 10 pieces.

7612GE APEX


Product description as Art. 7612GA

Flat files.

Dimensions approx.	mm	120x15 G	120x15 M	120x15 F	150x20 G	150x20 M	150x20 F
Grain							
7612GE	Each	5,76	5,76	5,76	10,60	10,60	10,60
Thickness approx.	mm	6					
		8					
7612GE	Each	8					
Dimensions approx.	mm	200x20 G	200x20 M	200x20 F			
Grain							
7612GE	Each	12,90	12,90	12,90			

Indicative packing unit: 10 pieces.

7614GA APEX


Silap. Made of carborundum. Grey colour.

Files for sharpening or grinding hard or hardened steel, hard metals, Widia etc.. Dry/water/oil use.

Kind of grain: G (120 Coarse) – M (180 Medium) – F (220 Fine).

Square files.

Dimensions approx.	mm	100x8 G	100x8 M	100x8 F	100x10 G	100x10 M	100x10 F	150x10 G
Grain								
7614GA	Each	5,38	5,38	5,38	5,52	5,52	5,52	7,92
Dimensions approx.	mm	150x10 M	150x10 F	150x13 G	150x13 M	150x13 F	150x15 G	150x15 M
Grain								
7614GA	Each	7,92	7,92	8,28	8,28	8,28	8,48	8,48
Dimensions approx.	mm	150x15 F	200x20 G	200x20 M	200x20 F			
Grain								
7614GA	Each	8,48	11,10	11,10	11,10			

Indicative packing unit: 10 pieces.

Product description as Art. 7614GA

Triangular files.

Dimensions approx.	mm	100x8	100x8	100x8	100x10	100x10	100x10	150x10
Grain		G	M	F	G	M	F	G
7614GB	Each	6,92	6,92	6,92	7,12	7,12	7,12	8,86
Dimensions approx.	mm	150x10	150x10	150x13	150x13	150x13	150x15	150x15
Grain		M	F	G	M	F	G	M
7614GB	Each	8,86	8,86	9,08	9,08	9,08	9,74	9,74
Dimensions approx.	mm	150x15	200x20	200x20	200x20			
Grain		F	G	M	F			
7614GB	Each	9,74	13,10	13,10	13,10			

Indicative packing unit: 10 pieces.

APEX
7614GB


Product description as Art. 7614GA

Round files.

Dimensions approx.	mm	100x8	100x8	100x8	100x10	100x10	100x10	150x10
Grain		G	M	F	G	M	F	G
7614GC	Each	6,92	6,92	6,92	7,12	7,12	7,12	8,02
Dimensions approx.	mm	150x10	150x10	150x13	150x13	150x13	150x15	150x15
Grain		M	F	G	M	F	G	M
7614GC	Each	8,02	8,02	8,28	8,28	8,28	9,56	9,56
Dimensions approx.	mm	150x15	200x20	200x20	200x20			
Grain		F	G	M	F			
7614GC	Each	9,56	12,50	12,50	12,50			

Indicative packing unit: 10 pieces.

APEX
7614GC


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.

APEX
7614GD


Product description as Art. 7614GA

Flat files.

Dimensions approx.	mm	100x20	100x20	100x20	150x20	150x20	150x20
Grain		G	M	F	G	M	F
7614GE	Each	5,86	5,86	5,86	11,10	11,10	11,10
Thickness approx.	mm	6	6	6	10	10	10
Dimensions approx.	mm	200x25	200x25	200x25			
Grain		G	M	F			
Thickness approx.	mm	13	13	13			
7614GE	Each	12,40	12,40	12,40			

Indicative packing unit: 10 pieces.

APEX
7614GE

FLAT ABRASIVE FILES WITH HANDGRIP
Orig. Apex

Silap. Made of carborundum. Grey colour.

Files for sharpening or grinding hard or hardened steel, hard metals, Widia etc..

With handgrip. Dry/water/oil use.

Kind of grain: M (180 Medium).

Abrasive length approx.	mm	150
Overall length	mm	280
7618G	Each	13,50

Product running out of stock

APEX
7618G

COMBINED SILAP FLAT FILES
Orig. Apex

Silap. Made of carborundum. Grey colour.

Files for sharpening or grinding hard or hardened steel, hard metals, Widia etc..

Without handgrip. Dry/water/oil use.

Combined grains: Fine grain (220) on one side, Coarse grain (120) on the other.

Abrasive length approx.	mm	150	200
7620G	Each	12,70	14,70

APEX
7620G


ARTIFICIAL ARKANSAS ABRASIVE FILES
7622GA APEX

Orig. Apex

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	5,86	7,16

7622GB APEX


Product description as Art. 7622GA

Triangular files.

Length approx.	mm	100	125
Width approx.	mm	10	10
7622GB	Each	6,14	8,62

7622GC APEX


Product description as Art. 7622GA

Round files

Length approx.	mm	100	125
Width approx.	mm	10	10
7622GC	Each	7,16	9,92

7622GD APEX


Product description as Art. 7622GA

Half-round files.

Length approx.	mm	100	125
Width approx.	mm	10	10
7622GD	Each	9,00	11,80

7622GE APEX


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	6,92	9,94

SINTERED RUBY CRYSTALS ABRASIVE FILES
7628GA APEX

Orig. Apex

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	16,30	21,50

7628GB APEX


Product description as Art. 7628GA

Triangular files.

Length approx.	mm	100	120
Width approx.	mm	8	13
7628GB	Each	17,50	22,20

7628GC APEX


Product description as Art. 7628GA

Round files

Length approx.	mm	100	120
Width approx.	mm	8	13
7628GC	Each	19,30	23,80

7628GD APEX


Product description as Art. 7628GA

Half-round files.

Length approx.	mm	100	120
Width approx.	mm	8	13
7628GD	Each	19,70	25,20

7628GE APEX


Product description as Art. 7628GA

Flat files.

Length approx.	mm	100	120
Width approx.	mm	8	12
Thickness approx.	mm	4	6
7628GE	Each	18,20	23,90

SILICON CARBIDE SHARPENING STONES
Orig. Apex

Silicon carbide. Use with water or oil.
Fine grain (220).

Kife shape.

Length approx.	mm	115	150
Width approx.	mm	45	45
7650G	Each	7,50	10,20

APEX
7650G


Product description as Art. 7650G

Multishape.

Length approx.	mm	115	150
Width approx.	mm	45	45
7655G	Each	9,38	11,50

APEX
7655G


Product description as Art. 7650G

Convex shape.

Length approx.	mm	115	150
Width approx.	mm	45	45
7660G	Each	7,50	10,20

APEX
7660G

KNIFE SHARPENING STONES
Orig. Apex

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	8,34

APEX
7662G


With one acute edge 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	31,90

APEX
7663G

CONVEX SHARPENING STONES
Orig. Apex

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	8,86	11,50

APEX
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	38,10

APEX
7668G


RECTANGULAR SHARPENING STONES
7675G**APEX****Orig. Apex**

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	10,20	10,20	12,40	12,40	18,30	18,30

7678G**APEX**

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	9,88	9,88	13,90	13,90	19,40	19,40

7680G**APEX**

Lubricated with water or oil. Very fine grit.
Synthetic Arkansas.

Length approx.	mm	100	125	175
Width approx.	mm	50	50	50
7680G	Each	11,10	13,60	18,30

7684G**APEX**

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	40	50
7684G	Each	50,10	60,10	124,00

WATERSTONES
7689G**APEX****Orig. Apex**

Half medium grit (180) and half fine grit (320).
To be used only with water. Thickness 20mm.
Particularly indicated for sharpening cutting tools.
In corundum - Standard quality.

Length approx.	mm	100	150	200
Width approx.	mm	50	50	50
7689G	Each	6,78	11,50	16,20

7690G**APEX**

Product description as Art. 7689G
In Electrocorindon - Fine quality.

Length approx.	mm	125	150	150	200
Width approx.	mm	50	50	90	50
7690G	Each	9,92	12,70	25,90	19,80

7692G**APEX**

Product description as Art. 7689G
SAL-Stein - Extra quality.

Length approx.	mm	100	150	200
Width approx.	mm	50	50	50
7692G	Each	8,16	14,10	20,90

7694G**APEX**

Half medium grit (180) and half fine grit (320).
To be used only with water. Thickness 20mm.
Particularly indicated for sharpening cutting tools.
Corundum Corap.

Length approx.	mm	100	150	200
Width approx.	mm	50	50	50
7694G	Each	8,56	12,20	19,10

Half medium grit (180) and half fine grit (220).
 To be used only with water. Thickness 20mm.
 Particularly indicated for sharpening cutting tools.
 Silicon carbide Silap.

Length approx.	mm	100	150	200
Width approx.	mm	50	50	50
7695G	Each	10,20	14,20	20,30


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	200
Width approx.	mm	50	50
7696GA	Each	18,50	25,20



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	200
Width approx.	mm	50	50
7696GE	Each	18,70	25,50

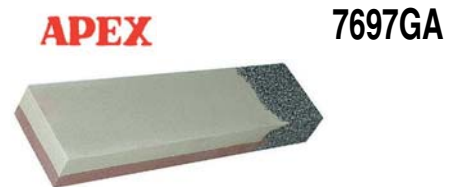


Product description as Art. 7696GA

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

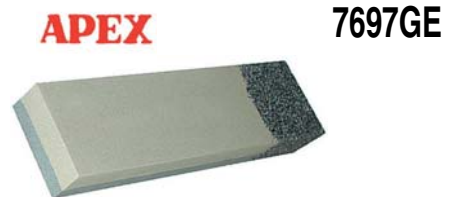


Product description as Art. 7696GA

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

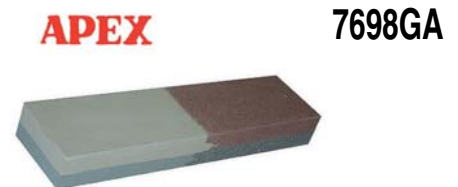


Product description as Art. 7696GA

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


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	1,12


ELASTIC ABRASIVE STONES
Orig. Apex

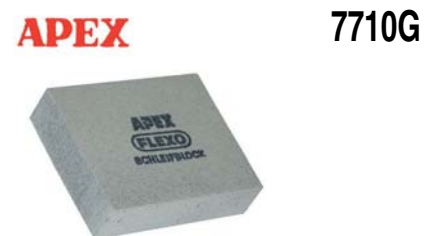
Abrasive stone in Silicium-Carbid mixed with soft and elastic plastic, 120 grift.

Thickness approx. 20mm.

Apt for hand cleaning of irregular metal, plastic, wooden, leather surfaces.

Rectangular shape.

Length approx.	mm	50	80
Width approx.	mm	40	65
7710G	Each	8,62	16,80



ELASTIC ABRASIVE WHEELS

7714G

APEX



Orig. Apex

Abrasive stone in Silicium-Carbid mixed with soft and elastic plastic, 240 grift. 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

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	0,44	0,44	0,44	0,44	0,44	0,44	0,46
Grain		40						
7758G	Each	0,50						

7759G

new

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	0,52	0,52	0,52	0,52	0,52	0,52	0,52
Grain		100	80	60	40			
7759G	Each	0,52	0,56	0,62	0,72			

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	600	500	400	360	320	280
7764G	Each	0,60	0,58	0,58	0,58	0,58	0,58	0,58
Grain		240	220	180	150	120	100	80
7764G	Each	0,58	0,58	0,58	0,58	0,62	0,64	0,68

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	0,68	0,68	0,68	0,68	0,68	0,68	0,68
Grain		100	80	60	40			
7768G	Each	0,68	0,70	0,72	0,76			

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ABRASIVE PAPER CARTRIDGE ROLLS

Prod. SCU

Oxy-aluminium type, on flexible resistant card support.
For manual and machine working of metals, steel, wood, paint and plaster.
Package units of 50 m., not to be divided.
Tape length 115mm.

Grain		220	180	150	120	100	80	60
7770G	Per meter	0,62	0,62	0,62	0,62	0,62	0,64	0,66
Grain		40						
7770G	Per meter	0,72						



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

Grain		400	320	240	220	180	150	120
7772G	Per meter	0,78	0,78	0,78	0,78	0,78	0,78	0,78
Grain		100	80	60	40			
7772G	Per meter	0,78	0,86	0,94	1,14			



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.

Grain		400	320	240	220	180	150	120
7776GB	Per meter	0,86	0,86	0,86	0,86	0,86	0,86	0,86
Grain		100	80	60	40			
7776GB	Per meter	0,86	0,88	0,92	1,04			



Product description as Art. 7776GB
Package unit of cartridge rolls of 25 not sold separately.
Tape length 115mm.

Grain		400	320	240	220	180	150	120
7776GL	Per meter	1,86	1,86	1,86	1,86	1,86	1,86	1,86
Grain		100	80	60	40			
7776GL	Per meter	1,86	1,90	2,04	2,26			



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.

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 50mm.

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



Prod. SCU

Abrasive type with 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
Colour		brown	brown	brown	grey
7778GA	Each	1,50	1,22	1,22	1,24

7779G

SCU



Product description as Art. 7778GA

Paper size 150x230mm.

Grain		120	180	320	600
Colour		brown	brown	brown	grey
7779G	Each	1,52	1,24	1,24	1,28

FLEECE ROLLS

7781G

SCU



Prod. SCU

Abrasive type with 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
Name		medium	fine	very fine	ultra-fine
Colour		brown	brown	brown	grey
7781G	Each rotolo	42,50	33,70	33,70	33,70

ABRASIVE SPONGES

7785G
new

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	0,86
Grain		60	40					
7785G	Each	0,86	0,86					

ABRASIVE DISKS

7800G
7800GA
new

SCU



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.

Without holes, Ø 115mm.

Max speed 13300 rev/min.

Grain		40	60	80	100	120	180
7800G	Each	0,42	0,36	0,34	0,32	0,32	0,24

Model without holes, Ø 125mm

Maximum speed 12,300 revs / min.

Grain		40	60	80	100	120	180
7800GA	Each	0,30	0,26	0,24	0,24	0,24	0,24

7801G

SCU



Product description as Art. 7800G

With 8 holes, Ø 125mm.

Max speed 12300 rev/min.

Grain		40	60	80	100	120	180
7801G	Each	0,42	0,36	0,34	0,32	0,32	0,32

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Prices in EURO - VAT not included

Product description as Art. 7800G

Without holes, Ø 150mm.
Max speed 10200 rev/min.

Grain		40	60	80
7802G	Each	0,64	0,54	0,54

SCU



7802G



Product description as Art. 7800G

With 7 holes, Ø 150mm.
Max speed 10200 rev/min.

Grain		40	60	80	100
7803G	Each	0,64	0,54	0,54	0,48

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	0,64	0,54	0,54	0,48	0,48

SCU



7804G



VELCRO-BACKED ABRASIVE DISK HOLDER

Prod. SCU

Semi-flexible rubber for dragging and providing support for Velcro grinding discs as per Art. 7800 G and 7802 G.

Ø	mm	115	150
Thread bore	M.	14	14
7810G	Each	10,50	16,20

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



Product description as Art. 7829G

Ø 125mm.

Grain		120	80	60	40	24
7829GA	Each	0,70	0,70	0,72	0,78	0,86

SCU



7829GA



Product description as Art. 7829G

Ø 180mm.

Grain		60	40	24
7830G	Each	1,40	1,50	1,64

SCU



7830G



7830GE



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	0,68	0,70	0,74	0,92

7830GF

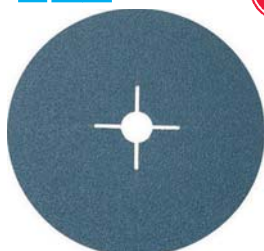


Product description as Art. 7830GE

Ø 125mm.

Grain		120	80	60	40	24
7830GF	Each	0,72	0,76	0,78	0,84	1,02

7830GL



Prod. SCU

Product description as Art. 7830GE

Ø 180mm.

Grain		120	80	60	40	24
7830GL	Each	1,60	1,60	1,76	2,20	2,42

The grain 120 is supplied without the cross cuts.

7831GA



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	1,66	2,12

7831GB



Product description as Art. 7831GA

Ø 125mm.

Grain		60	40
7831GB	Each	1,86	2,36

RUBBER BACKING PADS

7834GR
new



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	5,20	5,88	8,40

Prod. SCU

In rigid rubber for dragging and supporting abrasive discs.

Ø	mm	115	125	180
Thread bore	M.	14	14	14
7834GS	Each	4,60	4,96	8,68

SCU



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	0,78	0,68	0,68	0,68	0,68	0,72	0,68	0,72

For converters see Art. 8148 A - G.

SCU



7840A



Product description as Art. 7840A

Sphere shape.

Head Ø	mm	4	6	8	10	15
Grain		60	60	60	60	46
7840E	Each	1,04	1,04	1,04	1,04	1,34

For converters see Art. 8148 A - G.

SCU



7840E



Product description as Art. 7840A

Flat Cylindrical shape.

Head Ø and height	mm	15x3	20x4	20x10
Grain		60	60	60
7840F	Each	1,08	1,12	1,12

For converters see Art. 8148 A - G.

SCU



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	0,68	0,68	0,68	0,72	0,68

For converters see Art. 8148 A - G.

SCU



7841A



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.

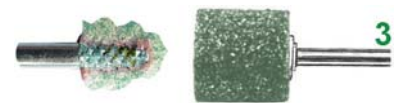
Head Ø and height	mm	6x10	8x12	10x10
Grain		60	60	60
7842A	Each	0,92	0,96	0,92

For converters see Art. 8148 A - G.

SCU



7842A



Connection Ø 6mm, length 40mm. In pink CORUNDUM. Optimal price/quality ratio.

M hardness, with ceramic binder. For universal use.

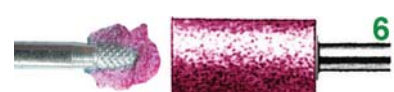
Cylindrical shape.

Head Ø and height	mm	3x6	4x8	5x10	6x10	6x20	8x12	8x20	10x10
Grain		60	60	60	60	60	60	60	60
7845A	Each	0,68	0,68	0,68	0,68	0,88	0,72	0,88	0,68
Head Ø and height	mm	10x15	10x20	10x30	12x15	12x20	15x15	15x20	15x30
Grain		60	60	60	46	46	46	46	46
7845A	Each	0,72	0,88	1,04	0,78	0,92	0,88	0,98	1,22
Head Ø and height	mm	20x20	20x25	20x30	25x25	30x25	30x30	40x20	40x40
Grain		46	46	46	46	46	46	46	46
7845A	Each	1,22	1,30	1,48	1,46	1,66	1,80	2,28	3,40

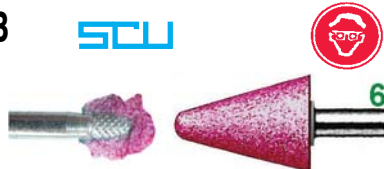
SCU



7845A



7845B



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	1,06	1,48	1,56	1,92	2,50	2,74

7845C



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	0,80	1,10	1,16	1,56	1,78

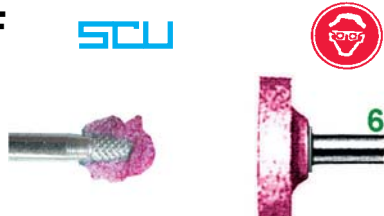
7845E



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	1,04	1,04	1,04	1,34	1,72	2,02	2,40

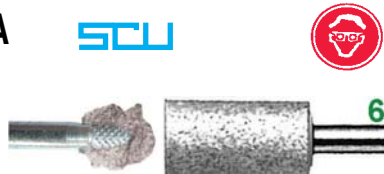
7845F



Product description as Art. 7845A
Flat Cylindrical shape.

Head Ø and height	mm	20x4	20x10	25x10	30x10	40x10	50x10
Grain		60	60	46	46	46	46
7845F	Each	1,08	1,08	1,18	1,34	2,04	2,52

7846A



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	0,92	0,98	1,22	1,48	1,80

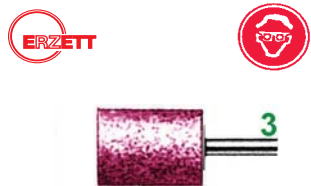
7847A



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	0,92	1,20	1,24	1,30	1,66	1,66	2,00	2,42

7851G



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	2,26	2,06	2,06	2,06	2,06	1,88

For converters see Art. 8148 A - G.

7853G



Product description as Art. 7851G
Sphere shape.

Head Ø	mm	5
Grain		80
7853G	Each	2,54

For converters see Art. 8148 A - G.

7854G



Product description as Art. 7851G
Flat Cylindrical shape.

Head Ø and height	mm	13x3
Grain		80
7854G	Each	1,92

For converters see Art. 8148 A - G.

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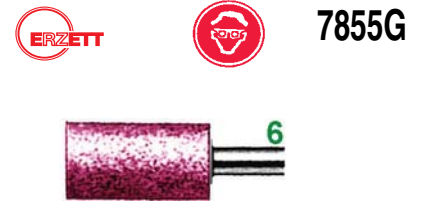
Prices in EURO - VAT not included

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	2,22	2,12	2,20	2,12	2,30	2,92	2,68	2,54
Head Ø and height	mm	16x32	20x20	20x25	20x32	20x40	25x32	40x20	
Grain		46	36	36	36	36	36	30	
7855G	Each	2,82	2,64	2,74	2,88	3,46	3,46	3,54	

For sets see Art. 8105 G.



Product description as Art. 7855G

Conical shape.

Head Ø and height	mm	16x40	20x32	20x40
Grain		46	36	36
7856G	Each	4,14	3,80	4,32

For sets see Art. 8105 G.



Product description as Art. 7855G

Cylindrical pointed nose.

Head Ø and height	mm	13x20	20x32
Grain		46	36
7859G	Each	3,84	4,32

For sets see Art. 8105 G.

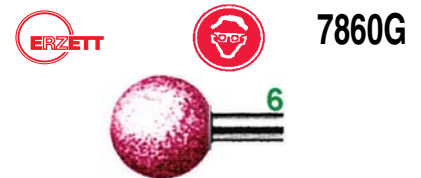


Product description as Art. 7855G

Sphere shape.

Head Ø	mm	8	16	20
Grain		60	46	36
7860G	Each	3,06	3,22	3,54

For sets see Art. 8105 G.



Product description as Art. 7855G

Flat Cylindrical shape.

Head Ø and height	mm	16x4	20x6
Grain		60	60
7861G	Each	2,26	2,26

For sets see Art. 8105 G.



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	2,60	2,82	2,68	2,82	2,68	2,98	3,16
Head Ø and height	mm	20x25	20x40	32x32	40x20			
7864G	Each	3,30	3,54	4,24	5,00			

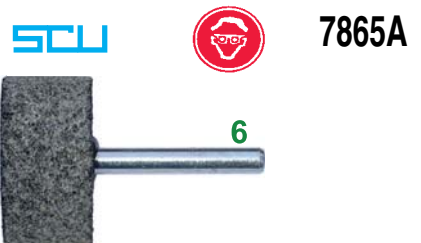


Prod. SCU

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
Grain		46	46	46	46	46	36	36
7865A	Each	0,98	1,14	1,02	1,26	0,96	1,06	1,36
Head Ø and height	mm	15x40	20x20	20x30	20x40	25x30	30x30	40x20
Grain		36	36	36	36	36	36	36
7865A	Each	1,84	1,36	1,64	2,14	1,76	1,98	2,52
Head Ø and height	mm	50x20						
Grain		24						
7865A	Each	3,10						



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 steels. Grade 24.

Cylindric shape

Head Ø and height	mm	13x32	16x32	20x40	25x32	32x32	40x20	50x20
7865G	Each	3,18	2,78	3,50	3,50	3,90	3,56	4,48



7866A

SCU



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 cylindrical shape

Head Ø and height	mm	40X10	50X10
Grain		36	24
7866A	Each	2,02	2,52

7866G

ERZETT



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 steels. Grade 24.

Flat cylindrical shape

Head Ø and height	mm	40x10	50x10
7866G	Each	3,08	3,54

POLISHING POINTS WITH HARD RUBBER SUPPORT

7868A

SCU



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

ERZETT



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	4,18	4,18	4,18	4,18

For converters see Art. 8148 A - G.

7869G

ERZETT



Product description as Art. 7868G
Flat Cylindrical shape.

Head Ø and height	mm	13x3
7869G	Each	4,18

For converters see Art. 8148 A - G.

7870A

SCU



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

7870G

ERZETT



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	4,32	4,32	4,32	5,44	7,06	12,40

7871G

ERZETT

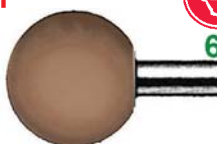


Product description as Art. 7870G
Conical shape.

Head Ø and height	mm	20x32
7871G	Each	9,52

7874G

ERZETT



Product description as Art. 7870G
Sphere shape.

Head Ø	mm	16
7874G	Each	6,10

12

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.



7875E



3

Orig. Erzett

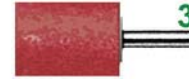
Connection Ø 3mm, length 30mm.
For grinding and mirror polishing metal.
Indicated peripheral speed max 15 m/s.
Cylindrical shape. Grit 120 - Red colour.

Head Ø and height	mm	4x8	5x10	6x10	8x10	10x10
7875GA	Each	4,08	4,08	4,08	4,08	4,08

For converters see Art. 8148 A - G.



7875GA



3

Product description as Art. 7875GA

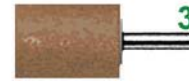
Cylindrical shape. Grit 220 - Brown colour.

Head Ø and height	mm	4x8	5x10	6x10	8x10	10x10
7875GB	Each	4,08	4,08	4,08	4,08	4,08

For converters see Art. 8148 A - G.



7875GB



3

Product description as Art. 7875GA

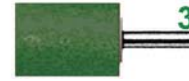
Cylindrical shape. Grit 280 - Green colour.

Head Ø and height	mm	4x8	5x10	6x10	8x10	10x10
7875GC	Each	4,08	4,08	4,08	4,08	4,08

For converters see Art. 8148 A - G.



7875GC



3

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
7876A	Max speed	20000	15000	15000	10000
	Each	2,06	3,58	3,82	5,30

For converters see Art. 8148 A - G.



7876A



6

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	4,28	4,28	4,32	4,80	6,38	9,72	10,30

For converters see Art. 8148 A - G.



7876G



6

Product description as Art. 7876G

Cylindrical shape. Grit 220 - Brown colour.

Head Ø and height	mm	8x16	10x20	13x20	16x20	20x32
7877G	Each	4,28	4,28	4,32	4,80	6,38

For converters see Art. 8148 A - G.



7877G



6

Product description as Art. 7876G

Cylindrical shape. Grit 280 - Green colour.

Head Ø and height	mm	8x16	10x20	13x20	16x20	20x32
7878G	Each	4,28	4,28	4,32	4,80	6,38

For converters see Art. 8148 A - G.



7878G



6

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. Grain 60.

Head Ø and height	mm	50x30	60x30
7879GA	Each	22,90	26,30

For converters see Art. 8148 A - G.



7879GA



6

FELT POLISHING POINTS

7879GE



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	3,80	3,80	3,84	3,80

For converters see Art. 8148 A - G.

7879GF



Product description as Art. 7879GE
Cylindrical pointed nose.

Head Ø and height	mm	6x10	10x12
7879GF	Each	3,90	3,90

For converters see Art. 8148 A - G.

7879GL



Product description as Art. 7879GE
Sphere shape.

Head Ø	mm	6	8	10
7879GL	Each	3,80	3,88	4,12

For converters see Art. 8148 A - G.

7880G



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	3,90	4,08	4,18	4,48	6,92	9,46

7881G



Product description as Art. 7880G
Conical shape.

Head Ø and height	mm	16x20	20x25	25x30	30x40
7881G	Each	4,08	4,72	7,30	9,46

7882G



Product description as Art. 7880G
Cylindrical pointed nose.

Head Ø and height	mm	12x20	20x25	25x30	30x40
7882G	Each	4,08	4,70	6,98	9,56

7883G



Product description as Art. 7880G
Sphere shape.

Head Ø	mm	20
7883G	Each	6,78

BORNTRID GRINDING POINTS

7884GA



Prod. SCU

Special type with borntrid 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

12

Prices in EURO - VAT not included

DIAMOND GRINDING POINTS

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 (B 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

Size	9	10	11	12	13	14	15
Head Ø and height	mm 2,5x5	3x5	4x5	5x6	6x7	8x10	10x10
Drive Ø	mm 3	3	3	3	3	6	6
Overall length	mm 40	40	40	40	40	60	60
7884GP	Each	13,10	13,10	13,10	13,10	24,90	33,10



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

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



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	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	51,30



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	44,40



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	35,60

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	56,20



HOLDERS AND SELF FIXING, ABRASIVE DISCS

7885A

SCU



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	6,14	6,68	7,22	9,00	9,58

On request, Ø 18 and 30mm are supplied with connection 3mm.
Minimum quantity 5 pcs. per Ø.

7885E

SCU



Product description as Art. 7885A

Corundum disks for universal use on metal materials.

Ø	mm	18	30	45	60	75	18	30
Grain		60	60	60	60	60	80	80
Rotation speed	rev/min	30000	30000	25000	15000	12000	30000	30000
7885E	Each	0,38	0,50	0,74	1,08	1,60	0,38	0,50
Ø	mm	45	60	75	18	30	45	60
Grain		80	80	80	120	120	120	120
Rotation speed	rev/min	25000	15000	12000	30000	30000	25000	15000
7885E	Each	0,74	1,08	1,60	0,38	0,50	0,74	1,08
Ø	mm	75	18	30	45	18	30	45
Grain		120	150	150	150	180	180	180
Rotation speed	rev/min	12000	30000	30000	25000	30000	30000	25000
7885E	Each	1,60	0,38	0,50	0,74	0,38	0,50	0,74
Ø	mm	18	30	45				
Grain		240	240	240				
Rotation speed	rev/min	30000	30000	25000				
7885E	Each	0,38	0,50	0,74				

7885F

SCU



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	0,44	0,58	0,86	1,28	1,92	0,44	0,58	0,86
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	1,28	1,92	0,44	0,58	0,86	1,28	1,92	

7886GA

ERZETT



Orig. Erzett

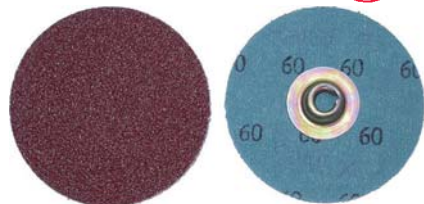
Quick clamping system with metal holders and flanged discs for easy replacement, high tightness and max. centering of the abrasive disc. Apply on the holder the abrasive, flexible discs Art. 7886 GE/L.

Medium hardness rubber holders

Per dischi Ø	mm	38	50
Ø supporto	mm	31	45
Drive Ø	mm	6	6
7886GA	Each	20,20	21,10

7886GE

ERZETT



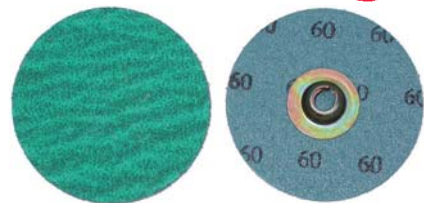
Product description as Art. 7886GA

Discs in special corundum, long lasting. Universal use on metallic materials.

Ø	mm	38	50	38	50	38
Grain		60	60	80	80	120
Rotation speed	rev/min	30000	30000	30000	30000	30000
7886GE	Each	0,82	1,24	0,82	1,16	0,82

7886GL

ERZETT



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	0,92	1,28	0,92	1,28	0,92	1,28

12

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.

Per dischi Ø	mm	50	75
Drive Ø	mm	6	6
7887A	Each	9,12	10,50


7887A

6

Product description as Art. 7887A

Medium hardness rubber holders.

Speed 30000/28000 rev/min.

Per dischi Ø	mm	50	75
Threaded drive	M	14	14
7887B	Each	12,30	13,50


7887B

M 14

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

When stocks run out, the zirconium version will be supplied instead of the corundum version.


7887E


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


7887G


Product description as Art. 7887A

Abrasive discs in corundum. Universal use on metal materials.

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
7887L	Each	0,80	1,22	0,80	1,22	0,80	1,22


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
Grain		60	60	80	80	120	120
Rotation speed	rev/min	25000	20000	25000	20000	25000	20000
7887M	Each	0,80	1,30	0,80	1,30	0,80	1,30


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	1,26	1,72	1,18	1,52	1,18	1,52


7887P


7887R

SCU



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	1,40	2,38	1,40	2,38	1,40	2,38

7887S

SCU



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	1,44	2,44	1,44	2,44	1,44	2,44

7887V

SCU



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	2,26	3,16

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	0,86	0,86	0,96	1,28

Product description as Art. 7889G

Grit 60.

Ring height and Ø	mm	15x30	22x20	25x25	30x30	45x30	60x30
7890G	Each	0,86	0,62	0,86	0,96	1,28	1,48

Product description as Art. 7889G

Grit 80.

Ring height and Ø	mm	10x20	12x25	15x30	22x20	25x25	30x30	45x30
7891G	Each	0,86	0,82	0,86	0,62	0,86	0,96	1,28

Product description as Art. 7889G

Grit 150.

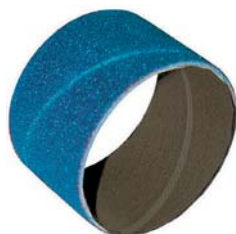
Ring height and Ø	mm	10x20	15x30	22x20	30x30
7892G	Each	0,86	0,86	0,62	0,96

7893GA



7893GE

7893GF



Made from 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	1,20	1,52

Product description as Art. 7893GA

Grit 60.

Ring height and Ø	mm	30x30	45x30	60x30
7893GE	Each	1,20	1,52	1,78

Product description as Art. 7893GA

Grit 80.

Ring height and Ø	mm	30x30	45x30	60x30
7893GF	Each	1,20	1,52	1,78

12

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.).

Grain 40.

Ring height and Ø	mm	30x30	45x30	60x30
7893GL	Each	1,48	1,92	2,34

Product description as Art. 7893GL

Grain 60.

Ring height and Ø	mm	30x30	45x30	60x30
7893GM	Each	1,48	1,92	2,34



7893GL
7893GM



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 G.

Package units of 100pcs.

Grit 40.

Ring height and Ø	mm	15x30	20x30	22x20	25x25	30x30	45x30	60x30
7894A	Each	0,32	0,40	0,32	0,44	0,50	0,66	0,72

Ring height and Ø	mm	75x30
7894A	Each	0,94

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	0,32	0,32	0,40	0,30	0,40

Ring height and Ø	mm	30x30	45x30	60x30	75x30
7894B	Each	0,48	0,62	0,68	0,86

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	0,32	0,32	0,40	0,30	0,40

Ring height and Ø	mm	30x30	45x30	60x30	75x30
7894E	Each	0,48	0,62	0,68	0,86

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	0,32	0,32	0,40	0,30	0,40

Ring height and Ø	mm	30x30	45x30	60x30	75x30
7894F	Each	0,48	0,62	0,68	0,86



7894A
7894B
7894E
7894F



In Zirconium-corundum, 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	0,40	0,44	0,36	0,48	0,54	0,68	0,80

Ring height and Ø	mm	75x30
7894L	Each	1,00

Product description as Art. 7894L

Grit 60.

Ring height and Ø	mm	10x20	13x25	15x30	20x30	22x20	25x25	30x30
7894P	Each	0,30	0,36	0,36	0,44	0,32	0,44	0,48

Ring height and Ø	mm	45x30	60x30	75x30
7894P	Each	0,66	0,72	0,94

Product description as Art. 7894L

Grit 80.

Ring height and Ø	mm	10x20	13x25	15x30	20x30	22x20	25x25	30x30
7894R	Each	0,30	0,36	0,36	0,44	0,32	0,44	0,48

Ring height and Ø	mm	45x30	60x30	75x30
7894R	Each	0,66	0,72	0,94

Product description as Art. 7894L

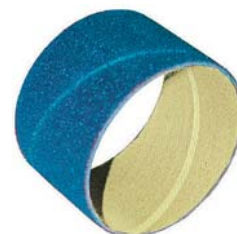
Grit 120.

Ring height and Ø	mm	10x20	13x25	15x30	20x30	22x20	25x25	30x30
7894S	Each	0,30	0,36	0,36	0,44	0,32	0,44	0,48

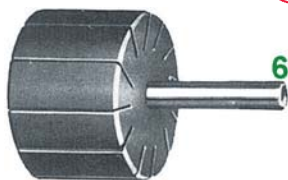
Ring height and Ø	mm	45x30	60x30	75x30
7894S	Each	0,66	0,72	0,94



7894L
7894P
7894R
7894S



BELT CARRIERS

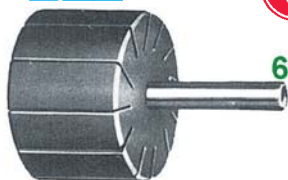
7896G**Orig. Erzett**

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	15,50	15,50	15,50	12,90	17,30	15,10	17,50
Support height and Ø	mm	60x30						
7896G	Each	22,20						

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			
7896T	Each	12,10				13,50			
Support height and Ø	mm	60x30		75x30					
7896T	Each	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.

Can be used on rubber holders Art. 7902. Package unit of 100pcs.

Grit 40.

Height	mm	30	60
Upper and lower Ø	mm	22/29	22/36
7897	Each	1,30	1,54

Product description as Art. 7897

Grit 60.

Height	mm	30	60
Upper and lower Ø	mm	22/29	22/36
7898	Each	1,26	1,44

Product description as Art. 7897

Grit 80.

Height	mm	30	60
Upper and lower Ø	mm	22/29	22/36
7899	Each	1,26	1,44

Product description as Art. 7897

Grit 120.

Height	mm	30	60
Upper and lower Ø	mm	22/29	22/36
7900	Each	1,26	1,44

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
**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	0,92	0,96	1,00	1,20

Product description as Art. 7904G

Grit 150

Ø	mm	5	7	10	13
Height	mm	10	12	15	17
7905G	Each	0,92	0,96	1,00	1,16

Product description as Art. 7904G

Grit 320.

Ø	mm	5	7	10	13
Height	mm	10	12	15	17
7906G	Each	0,92	0,96	1,00	1,16

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. 7,913 g.

Pack of PCs. 100.

Grain 60.

Ø	mm	7	10
Height	mm	12	15
7907G	Each	1,20	1,24

Product description as Art. 7907G

Grain 80.

Ø	mm	5	7	10
Height	mm	10	12	15
7908G	Each	0,92	1,20	1,24

Product description as Art. 7907G

Grain 150.

Ø	mm	5	7	10
Height	mm	10	12	15
7909G	Each	1,14	1,20	1,24



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	0,92	0,96	1,00	1,20	1,38

Product description as Art. 7910G

Grit 150.

Ø	mm	5	7	10	13
Height	mm	11	13	15	19
7911G	Each	0,92	0,96	1,00	1,20

Product description as Art. 7910G

Grit 320.

Ø	mm	5	7
Height	mm	11	13
7912G	Each	0,92	0,96



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. 7,915 g.

Pack of PCs. 100.

Grain 60.

Ø	mm	7	10	13
Height	mm	13	15	19
7912GE	Each	1,20	1,24	1,44

Product description as Art. 7912GE

Grain 80.

Ø	mm	5	7	10	13
Height	mm	11	13	15	19
7912GF	Each	1,14	1,20	1,24	1,44

Product description as Art. 7912GE

Grain 150.

Ø	mm	5	7	10	13
Height	mm	11	13	15	19
7912GL	Each	1,14	1,20	1,24	1,44



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	7,44	7,80	8,04	8,04

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	7,44	7,80	7,80	8,22	8,22

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	1,20	1,38	1,54	1,68

Product description as Art. 7917G

Caps, grit 150.

Ø	mm	5	11
Height	mm	15	25
7918G	Each	1,20	1,38

RUBBER HOLDERS

7921G



Orig. Erzett

Rubber holders.

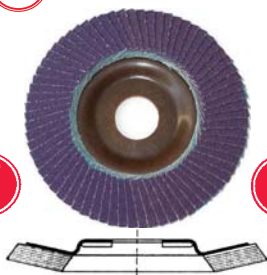
For Art. 7917 G - 7918 G.

Connection Ø 6mm.

Ø	mm	5	11	16	21
Use	rev/min	57000	27000	18000	14000
7921G	Each	10,50	10,50	11,50	15,70

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.

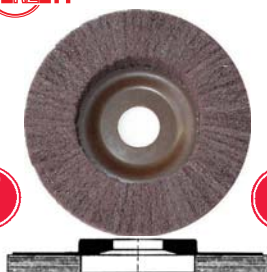
Speed 80 m/s. Hole 22.2mm.

Approved according to the German standard DSA 2720/2841.

Ø 115mm.

Grain		40	60	80
7922GE	Each	6,34	6,34	6,34

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.

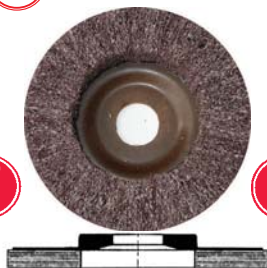
In corundum, for eliminating light oxidation and glazing metal surfaces.

Speed 30 m/s. Hole 22.2mm.

Ø 115mm - Extra Fine Grit, (A107).

7922GH	Each	11,60
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7922GL



Product description as Art. 7922GH

Ø 115mm - Fine Grit, (A106).

7922GL	Each	10,90
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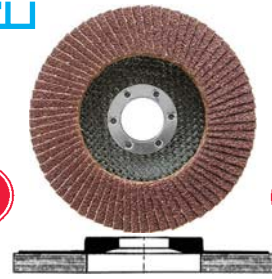
LAMELLAR FLAP DISCS, GLASS FIBRE BACKING-PAD

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	1,66	1,66	1,66	1,66

SCU

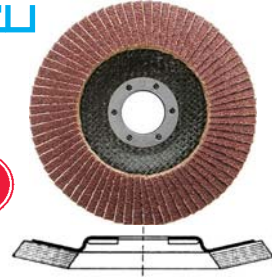


7922GM
new

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	1,66	1,66	1,66	1,66

SCU

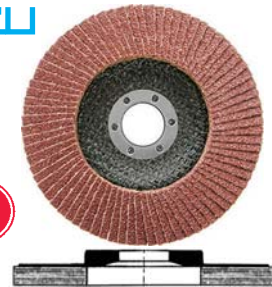


7922GMA
new

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	1,88	1,88	1,88	1,88

SCU

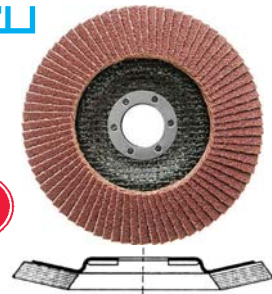


7922GP
new

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	1,88	1,88	1,88	1,88

SCU

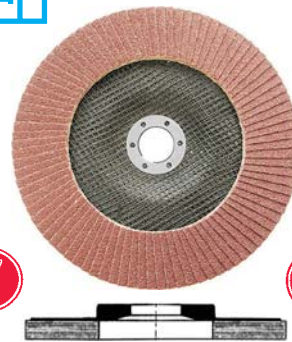


7922GPA
new

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	4,24	4,24	4,24

SCU



7922GR
new

7922GRA SCU

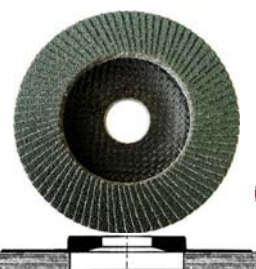
new



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	4,24	4,24	4,24

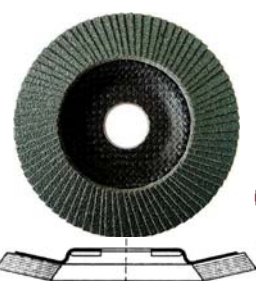
7922GT SCU



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

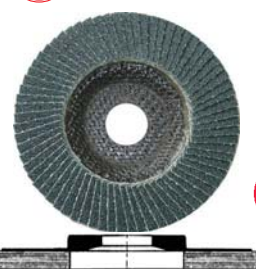
7922GV SCU



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

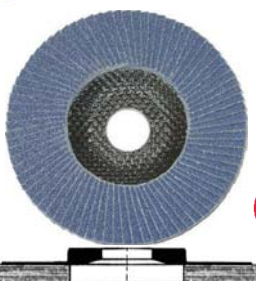
7923GA ERZETT



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.

Grain		40	60	80	120
7923GA	Each	3,34	3,34	3,34	3,34

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	4,30	4,30	4,30	4,30

12

Prices in EURO - VAT not included

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.

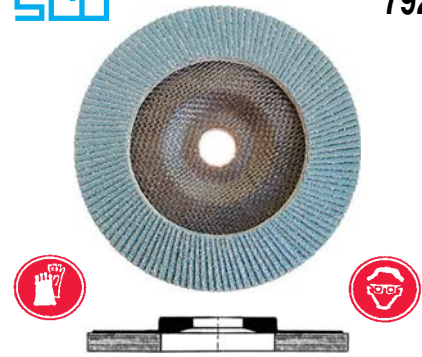
Hole mm. 22.

Ø 180 mm.

Grain		40	60	80
7923GF	Each	6,46	6,46	6,46

SCU

7923GF



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.

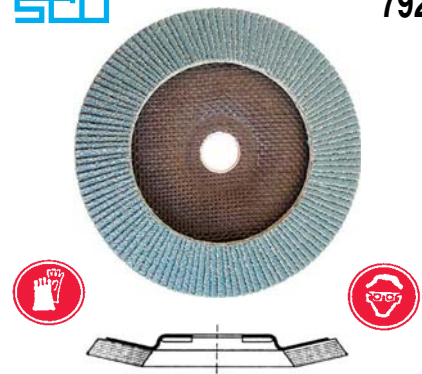
Hole mm. 22.

Ø 180 mm.

Grain		40	60	80
7923GH	Each	6,46	6,46	6,46

SCU

7923GH



Flat model Zirconium blades 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 metals.

Speed 13300 rev/min.

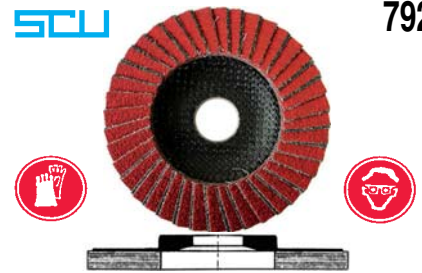
Hole mm. 22,2.

Ø 115 mm.

Grain		40	60	80
7923GL	Each	4,10	4,10	4,10

SCU

7923GL



Convex profile Zirconium blades with high levels of abrasive power, interim fibre glass support.

Provides accurate proportions between cutting speed and duration. Suitable for cleaning, de-rusting, dribbling hard machine metals, and stainless metals.

Speed 13300 rev/min.

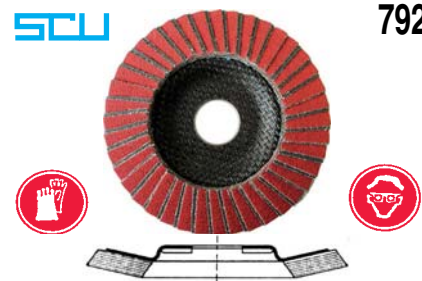
Hole mm. 22,2.

Ø 115 mm.

Grain		40	60	80
7923GM	Each	4,10	4,10	4,10

SCU

7923GM



Orig. Sonnenflex

Flat profile model.

Made from 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.

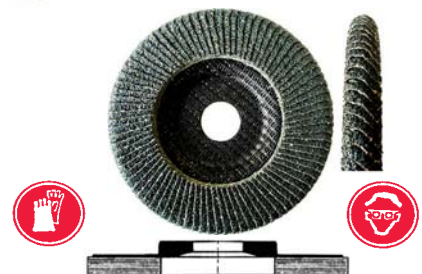
Hole 22.2mm. Grain 40

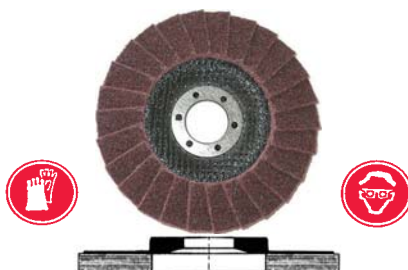
Pack of approximately 10 pcs.

Ø	mm	115	125
Speed	rev/min	13300	12200
7924GL	Each	13,10	13,30

Sonnenflex
Abrasive Germany

7924GL



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.

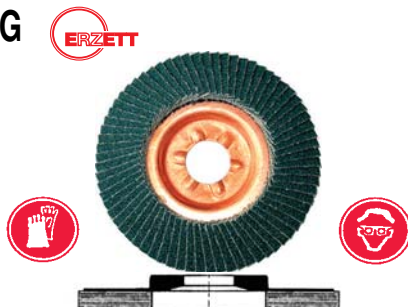
Speed 13,300 rev/min.

Hole 22.2mm.

Package unit approx. 10pcs.

Ø 115mm.

Size	1	2	4	
Grain	coarse	medium	very fine	
7924GP	Each	12,30	12,30	12,30

LAMELLAR FLAP DISCS, METAL BACKING-PAD
7925G

Orig. Erzett

Flat profile.

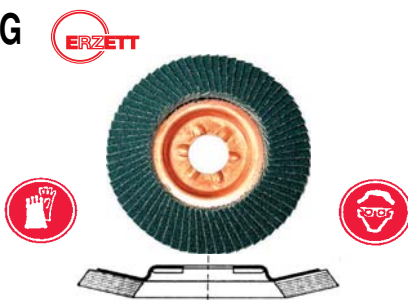
Flaps in zirco corundum glued onto a metal backing-pad.

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	5,44	5,32	5,44

7928G


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.

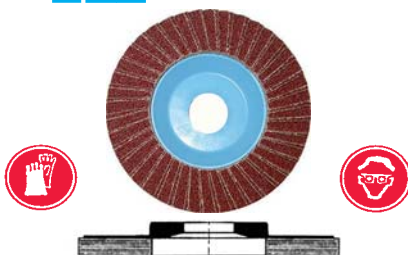
Indicated for polishing, deoxidising, deburring also hard metals, eliminating weld beads.

Speed 80 m/s. Hole 22.2mm.

Approved according to the German standard DSA 2604.

Ø 115mm.

Grain	40	60	80	120	
7928G	Each	5,44	5,44	5,44	5,44

LAMELLAR FLAP DISCS, NYLON BACKING-PAD
7931A SCU

Prod. SCU

Flat profile type.

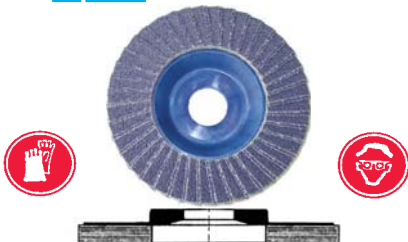
Corundum flaps, nylon backing-pad, double flaps with optimal anchoring to the backing-pad.

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

7931B SCU


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.

Diameter 115mm..

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 is running out of stock

7931BD SCU


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.

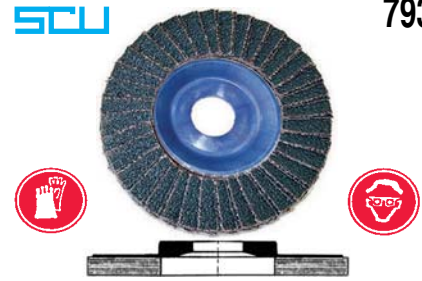
Speed 12,250 rev/min. Hole 22mm. Package unit approx. 20pcs.

Ø 125mm.

Grain		40	60	80
7931BE	Each	4,48	4,48	4,48

SCU

7931BE



Product description as Art. 7931BE

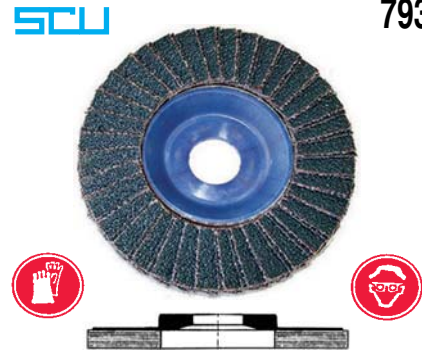
Speed 8,500 rev/min. Hole 22mm. Package unit approx. 10pcs.

Ø 180mm.

Grain		40	60	80
7931BG	Each	6,46	6,46	6,46

SCU

7931BG



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.

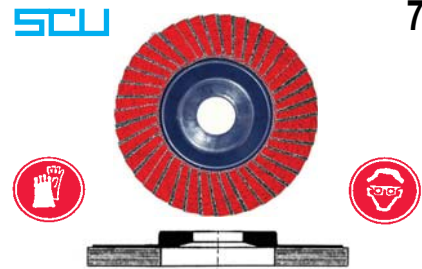
Speed 13,300 rev/min. Hole 22mm. Package unit 20pcs.

Diameter 115mm.

Grain		40	60	80
7931L	Each	4,10	4,10	4,10

SCU

7931L



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.

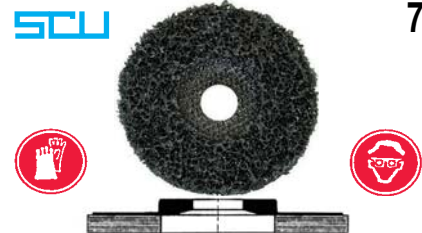
Hole Ø 22mm. Package unit ca. 5pcs.

Diameter 115mm. Extra-coarse grit.

7931T	Each	8,48
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SCU

7931T



Product description as Art. 7931T

Speed 9,800 rev/min.

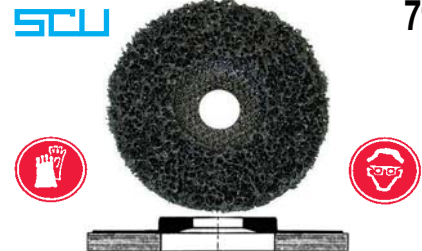
Hole Ø 22mm. Package unit approx. 10pcs.

Ø 125mm. Extra-coarse grit.

7931V	Each	11,40
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SCU

7931V



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.

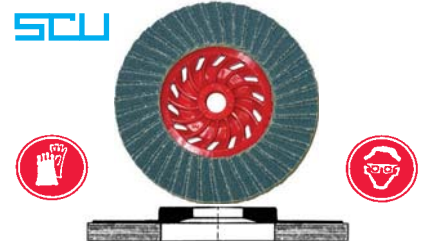
Speed 13,300 rev/min. Threaded hole M 14. Package unit approx. 20pcs.

Ø 115mm.

Grain		40	60	80
7932	Each	3,56	3,56	3,56

SCU

7932



ABRASIVE CLOTH LAMELLAR FAN GRINDERS

7932G



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	60x40	80x30
Grain		40	40	40	40	40	40	40	60	60	60	60	60	60	60	60	60	60
7932G	Each	3,16	3,78	4,12	4,56	5,38	6,88	8,16	2,54	3,08	3,32	3,22	4,24	3,78	5,00	4,56		
Ø and thickness	mm	60x40	60x50	80x30	80x40	80x50	30x10	40x10	40x15	40x20	50x15	50x20	60x20	60x30	60x40	80x30	80x40	80x50
Grain		60	60	60	60	60	80	80	80	80	80	80	80	80	80	80	80	80
7932G	Each	5,38	6,58	6,88	8,16	8,16	2,54	3,06	3,26	3,22	4,24	3,78	4,90	4,56	5,38	6,88		
Ø and thickness	mm	80x40	80x50	30x10	40x10	40x15	40x20	50x15	50x20	60x20	60x30	60x40	80x30	80x50	30x10	40x15	40x20	80x40
Grain		80	80	120	120	120	120	120	120	120	120	120	120	120	150	150	150	150
7932G	Each	8,16	8,16	2,54	3,22	3,40	3,36	4,24	4,08	5,32	4,84	5,38	6,88	8,16	2,54	3,40		
Ø and thickness	mm	40x20	50x15	50x20	60x30	80x20	30x10	40x20	50x10	50x20	60x30	30x10	40x20	50x20	60x30	60x40	80x30	80x40
Grain		150	150	150	150	150	240	240	240	240	240	320	320	320	320	320	320	320
7932G	Each	3,36	4,24	4,08	4,84	6,50	2,50	3,36	3,40	4,08	5,28	2,50	3,40	4,08	5,28			

7933G



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	2,60	2,60	2,70	2,74	2,94	2,60	2,60
Ø and thickness	mm	30x5	30x10	40x10	20x10	25x10	30x5	30x10
Grain		120	120	120	150	150	150	150
7933G	Each	2,70	2,78	2,94	2,60	2,60	2,64	2,70
Ø and thickness	mm	40x10	30x5	30x10	30x5	30x10	30x10	30x10
Grain		150	240	240	320	320	320	320
7933G	Each	3,36	2,68	2,88	2,74	2,88		

For converters see Art. 8148 A - G

7934



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	60x40
Grain		120	120	120	240	240	240	240	240	320	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	

7934E



Product description as Art. 7934

Connection Ø 3mm.

Ø and thickness	mm	10x10	15x15	15x20	20x10	30x5	30x10	10x10
Grain		80	80	80	80	80	80	120
7934E	Each	2,80	2,80	2,80	2,36	2,64	2,30	2,80
Ø and thickness	mm	15x15	15x20	20x10	30x5	30x10	10x10	15x15
Grain		120	120	120	120	120	240	240
7934E	Each	2,80	2,80	2,40	2,66	2,32	2,80	2,80
Ø and thickness	mm	30x10	240					
Grain								
7934E	Each	2,46						

For converters see Art. 8148 A - G.

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Prices in EURO - VAT not included

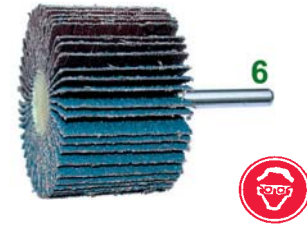
Zinc-corundem flaps.
Optimum quality/price ratio.
To clean almost all metals including steel and relative alloys. Flexible flaps allow to clean irregular, rough, digged surfaces.

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	3,52	3,78	4,00	4,84	5,16	6,30	7,24	11,20
Ø and thickness	mm	30x10	40x15	40x20	50x20	50x25	60x30	60x40	80x50
Grain		80	80	80	80	80	80	80	80
7934P	Each	3,52	3,78	4,00	4,84	5,16	6,30	7,24	11,20
Ø and thickness	mm	30x10	40x15	40x20	50x20	50x25	60x30	60x40	80x50
Grain		120	120	120	120	120	120	120	120
7934P	Each	3,62	3,80	4,24	5,08	5,42	6,56	7,50	11,50



7934P



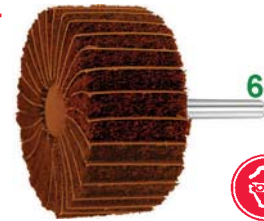
ABRASIVE LAMELLAR FAN GRINDERS WITH SHANK

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	4,70	5,14	6,98	9,96

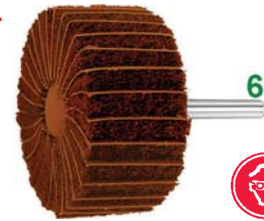


7935G

Product description as Art. 7935G

Grit: 150/fine (150/A106).

Ø and thickness	mm	40x20	50x20	60x30	80x40
7936G	Each	4,70	6,16	7,56	9,28

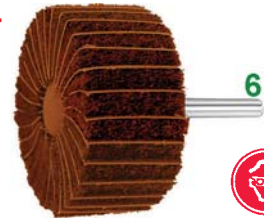


7936G

Product description as Art. 7935G

Grit: 240/extra fine (240/A107).

Ø and thickness	mm	40x20	60x30
7937G	Each	5,14	8,26



7937G

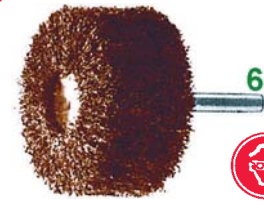
ABRASIVE FAN GRINDERS WITH SHANK

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	4,62	5,10	5,78	6,64	6,64

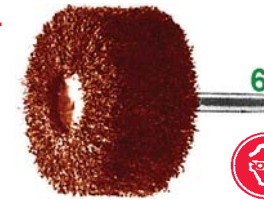


7943G

Product description as Art. 7943G

Grit: Fine (A106).

Ø and thickness	mm	40x20	50x20	50x30	60x30	80x40
7944G	Each	4,76	5,28	5,96	6,64	6,74

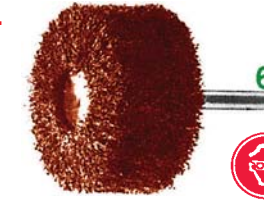


7944G

Product description as Art. 7943G

Grit: Extra fine (A107).

Ø and thickness	mm	40x20	50x30	60x30
7945G	Each	4,76	5,96	7,22



7945G

7946GE



Fibre-model made of synthetic material and abrasive surface for a satin finish. Made of Silicon Carbide, to smooth almost all materials including stainless steel and its alloys. Blue. Extra fine grain (S 207).

Ø and thickness	mm	40x20	60x30	80x50
7946GE	Each	5,10	8,88	13,60

7949



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



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..

Dimensions 110x50 mm. Maximum speed 6800 rev/min.

Grain		40	60	80	120
7960	Each	14,30	15,10	15,60	15,90

For electrical polishers see Art. 1691 GE.

7960A



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. sanding, polishing and calender machines. Max speed 6800 rev/min.

Grain		40	60	80	120
7960A	Each	19,80	23,10	24,40	25,50

For electrical polishers see Art. 1691 GE.

7960D



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	15,30	15,30	15,30	15,30

For electrical polishers see Art. 1691 GE.

7960E



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



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	13,20	13,20	13,20	14,60

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 calendaring 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 18,70	18,70	18,70	18,70

For electrical polishers see Art. 1691 GE.

SCU

7960F



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 70,50
--------------	-------------------

For electrical polishers see Art. 1691 GE.

SCU

7960L



Connection hole Ø 19.1mm and shank housing. Apt for the most common sanding, polishing and calender machines. In abrasive rubber for calendaring stainless steels.

Dimensions 100x100mm. Max speed 1910 rev/min.

Grain	16	46	120
7960P	Each 128,00	128,00	128,00

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.

SCU

7960P



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.

SCU

7960T



Port hole with diameter of 19.1 mm, and keyway. Suitable for the most popular grinders, polishers and polishers. Made from 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.

SCU

7960V



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	18,40	18,40	18,40	18,40

For sanding machines see Art. 1686 G.

SCU

7962G



NEW!

NEWS CHAPTER 13



SET OF DRILL TIPS

8419GA, 8419GC, 8419GE, 8419GF
▶ P. 1129-1130



HIGH EFFICIENCY MACHINE TAPS

9080A-B-E-P-R-T, 9081A-B-E-P-R-T,
9082A-B-E, 9084A-B-E-F-L
▶ P. 1217-1223



MACHINE TAPS WITH COLOURED RINGS

9271GM, 9271GR, 9272GRE,
9272GTE
▶ P. 1238-1241



HEXAGONAL DIES

9376G, 9377G
▶ P. 1251



9456

Chrome Steel Taps And Dies
▶ P. 1265



9504C

Stainless Steel Threaded Rivets
▶ P. 1276



9711G

Turning Tool Holders
▶ P. 1289



INSERTS HOLDER FOR MILLING WITH MECHANICAL FIXING

9845E, 9845F, 9845G, 9845H, 9845L,
9845M, 9845P, 9845R-T, 9845V-Z,
9846A-B
▶ P. 1300-1303



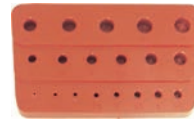
INSERTS FOR MILLING WITH MECHANICAL FIXING

9848A, 9848E, 9848F, 9848G, 9848H,
9848L, 9848P, 9848R
▶ P. 1304-1305



8418G

Stub Drills, Right Hand Cutting
▶ P. 1129



8421G

Display Units For Drill Bits
▶ P. 1130



9138G

Hand Taps
▶ P. 1231



MACHINE TAPS

9321G, 9323G, 9325G
▶ P. 1247



9384G

Complete Taps And Dies Sets
▶ P. 1251



9496GA

Tap Wrenches With Jaw Chuck And Hexagonal Shank
▶ P. 1270



BI-METAL BAND SAW WELDED RINGS

9629GG-GM, 9632GA-GB-GE-GF-GL-GM, 9641GR 4-GR 5-GR 6-GR 8, 9651GE 4-GE 5-GE 6-GE 8, 9657GC-GD-GE-GF
▶ P. 1287-1288



CUTTING TOOL HOLDERS

9712G, 9712GA
▶ P. 1289



INSERTS HOLDER FOR CHAMFERING AND COUNTERSINKING WITH MECHANICAL FIXING

9846E, 9846F ▶ P. 1304



INSERTS FOR CHAMFERING AND COUNTERSINKING WITH MECHANICAL FIXING

9848VA, 9848VB, 9848Z
▶ P. 1305



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	8,36	9,72	13,10	16,50	22,30	47,50	67,30

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	7,18	9,68	12,20	13,70	19,60	28,20	40,60

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		cylindrical	oval	conical	ogive	spherical
7970	Each	9,70	9,70	9,70	9,70	9,70

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	12,50	15,70	16,50	17,40	22,80

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	12,50	15,70	16,50	17,40	22,80

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	12,50	15,70	16,50	17,40	22,80

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	12,50	15,70	16,50	17,40	22,80

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	12,50	15,70	16,50	17,40	22,80

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	12,50	15,70	16,50	17,40	22,80

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	12,50	15,70	16,50	17,40	22,80

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	12,50	15,70	16,50	17,40	22,80

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	12,50	15,70	16,50	17,40	22,80

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	12,50	15,70	16,50	17,40	22,80

SCU

HSS



7992V



HSS ROTARY BURRS, LARGE DIAMETER

Prod. SCU

Made from 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	31,10	82,20

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	82,20

SCU

HSS



7994B



7994C   


Product description as Art. 7994B

CONICAL-SHAPED

Cut 2 = with chip breaker.

Ø	mm	25
Height	mm	40
Drive Ø	mm	8
Drive length approx	mm	40
7994C	Each	82,20

7994E   


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	82,20

7994F   


Product description as Art. 7994B

FLAME-SHAPED

Cut 2 = with chip breaker.

Type		20	20L
Ø	mm	20	20
Height	mm	55	55
Drive Ø	mm	8	6/8
Drive length approx	mm	40	90
7994F	Each	82,20	90,20

Size 20L is running out of stock

TUNGSTEN CARBID MINI ROTARY BURRS
8031A   


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	8,32

8031B   


Product description as Art. 8031A

Cut 5=smooth cut with chip breaker.

Head Ø	mm	3
Head length	mm	14
Overall length approx	mm	40
8031B	Each	8,32

8031C   


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	8,32

8031D   


Product description as Art. 8031C

Cut 5=smooth cut with chip breaker.

Head Ø	mm	3
Head length	mm	14
Overall length approx	mm	40
8031D	Each	8,32

8031E   


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	8,32

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	8,32
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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	8,32
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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	8,32
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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	8,32
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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	8,32
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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	8,32
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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	8,32
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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	8,32
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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	8,32
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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	8,32

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	8,32

8032A SCU HARTMETALL



TIPO CONICO
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	8,32

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	8,32

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	22,10	15,10

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	22,10	15,10

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	20,10	13,80

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	20,10	13,80

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	20,10	13,80

13

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	20,10	13,80


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	20,10	13,80



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	20,10	13,80


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	13,80



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	13,80


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	13,80



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	13,80


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	13,80



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	13,80



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	13,80

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	13,80

8035P SCU HARTMETALL



TIPO CONICO
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	13,80

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	13,80

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	24,60	34,20	50,60

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	15,50	15,50	15,70	20,60	22,30	34,40	43,40

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	18,60	18,60	18,80	24,70	26,80	41,20	52,00

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	22,30	22,30	22,60	30,50	34,90	52,40	68,50

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	15,50	15,50	15,70	20,60	22,30	34,40	43,40

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	15,50	15,50	15,70	20,60	22,30	34,40	43,40



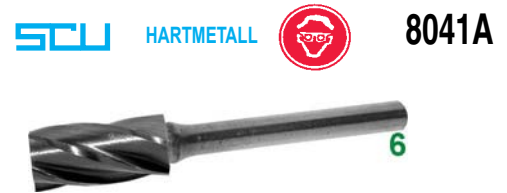
CYLINDRICAL-SHAPED – SMOOTH HEAD

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	24,20	34,20	45,30



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	14,30	14,30	14,30	18,90	20,30	29,70	39,40



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	15,70	15,70	15,70	21,10	22,60	31,20	43,70



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	19,50	19,50	19,50	26,80	30,70	42,30	60,10



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	14,30	14,30	14,30	18,90	20,30	29,70	39,40



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	14,30	14,30	14,30	18,90	20,30	29,70	39,40



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	26,10	34,80	54,40	68,80



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	16,60	16,60	16,60	20,50	22,50	35,10	44,60





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	19,90	19,90	19,90	24,60	26,90	42,10	53,50



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	23,70	23,70	23,70	30,50	35,10	53,30	69,90



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	16,60	16,60	16,60	20,50	22,50	35,10	44,60



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	16,60	16,60	16,60	20,50	22,50	35,10	44,60



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	23,80	28,80	43,50	61,70



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	16,80	16,80	15,50	16,40	18,40	24,10	30,70



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	20,10	20,10	18,60	19,70	22,10	28,80	36,80



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	23,90	23,90	22,30	25,50	30,20	40,10	53,30



Product description as Art. 8050A

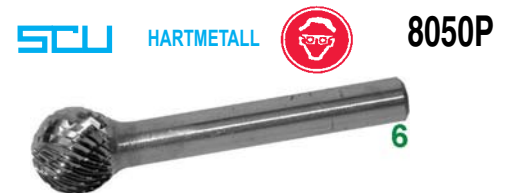
Cut 5=smooth cut with chip breaker.

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	16,80	16,80	15,50	16,40	18,40	24,10	30,70

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	16,80	16,80	15,50	16,40	18,40	24,10	30,70



OVAL-SHAPED

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	35,80	43,50	67,60



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	17,90	20,60	22,60	31,30	44,30



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	21,40	24,70	27,20	37,60	53,20



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	25,20	30,60	35,30	48,70	69,60



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	17,90	20,60	22,60	31,30	44,30



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	17,90	20,60	22,60	31,30	44,30



ROUND CONICAL-SHAPED

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	34,00	47,50	67,90



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	17,50	22,10	30,90	43,50



8060G **SCU** **HARTMETALL** 


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	21,10	26,50	37,10	52,20

8060H **SCU** **HARTMETALL** 


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	24,80	34,60	48,20	68,60

8060L **SCU** **HARTMETALL** 


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	17,50	22,10	30,90	43,50

8060P **SCU** **HARTMETALL** 


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	17,50	22,10	30,90	43,50

8065E **SCU** **HARTMETALL** 


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	17,50	20,80	23,40	30,10	42,40

8065G **SCU** **HARTMETALL** 


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	21,10	23,80	28,10	36,10	50,80

8065H **SCU** **HARTMETALL** 


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	24,80	29,60	36,20	47,30	67,20

8065L **SCU** **HARTMETALL** 


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	17,50	20,80	23,40	30,10	42,40

8065P **SCU** **HARTMETALL** 


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	17,50	20,80	23,40	30,10	42,40

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	43,90	42,10	86,80

SCU HARTMETALL **8070A**



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	17,60	23,60	28,30	34,10	58,10

SCU HARTMETALL **8070E**



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	21,10	28,30	34,10	40,90	69,60

SCU HARTMETALL **8070G**



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	24,90	34,10	42,10	52,10	86,10

SCU HARTMETALL **8070H**



TiALN

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	17,60	23,60	28,30	34,10	58,10

SCU HARTMETALL **8070L**



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	17,60	23,60	28,30	34,10	58,10

SCU HARTMETALL **8070P**



TIPO CONICO

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	17,90	22,80	28,20	40,40

SCU HARTMETALL **8075E**



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	21,40	26,00	33,80	48,50

SCU HARTMETALL **8075G**



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	25,20	34,10	43,40	62,60

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	17,90	21,70	28,20	40,40



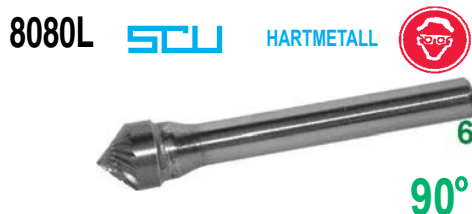
Product description as Art. 8075E
Cut 7=alternate universal

Head Ø	mm	6	10	12	16
Head length	mm	15	16	25	25
Overall length approx	mm	50	63	70	73
8075P	Each	17,90	21,70	28,20	40,40



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	15,50	19,10	23,40	29,30



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	15,50	19,10	23,40	29,30



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	5	9	11	14,5
Overall length approx	mm	50	55	58	61
8085E	Each	15,30	19,10	23,40	29,30



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	15,30	19,10	23,40	29,30

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	33,20
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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 **139,00**



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.

The assortment on wooden support.

8116 Each **111,00**



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 **297,00**



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 **145,90**



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 **335,80**



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 **224,60**

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 **387,00**

CONVERTERS**8148A****SCU****Prod. SCU****ELASTIC CONVERTERS**

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 **19,90**

FLEXIBLE SHAFTS**8152G****SCU****Prod. SCU**

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 **95,10**

8306G



LEFT HAND USE



HSS

Orig. Hartner - Art. 81115
Product description as Art. 8305G
LEFT-HAND rotation.

Table with 17 columns (drill sizes) and 5 rows (Ø, Overall length, Helix length, 8306G Each) for different drill diameters: 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.

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.

Table with 17 columns (drill sizes) and 5 rows (Ø, Overall length, Helix length, 8308G Each) for different drill diameters: 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, 3,5.

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock

STUB DRILLS FOR BRASS, BRONZE AN SYNTHETIC MATERIALS, RIGHT-HAND ROTATION

8310G



HSS

Orig. Hartner - Art. 81120
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.

Table with 17 columns (drill sizes) and 5 rows (Ø, Overall length, Helix length, 8310G Each) for different drill diameters: 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.

Up to Ø 7 mm in 10pcs packing units.

DRILLS FOR ALUMINIUM AND COPPER, RIGHT-HAND ROTATION
Orig. Hartner - Art. 81130

 DIN 1897. Type W. HSS. Cutting angle 130°. EXTRA-SHORT pattern.
 For aluminium, copper and relevant alloys.

Cylindrical shank.

∅	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	6,14	5,76	6,62	8,24	7,28	8,44	7,28	9,12	13,10
∅	mm	6,5	7,5*	8,5	9*	9,5	10	11*	12	13*
Overall length	mm	70	74	79	84	84	89	95	102	102
Helix length	mm	31	34	37	40	40	43	47	51	51
8311G	Each	12,90	17,40	17,80	20,70	19,70	21,60	37,40	48,90	50,80


8311G

Up to ∅ 7.5mm in 10pcs packing units. - * Sizes running out of stock

STUB DRILLS, RIGHT HAND CUTTING
Orig. Hartner - Art. 81171

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.

∅	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	26	28	30	30	32	32	34	34	36	36	38	38	40	40	43
Helix length	mm	6	6	8	8	9	9	10	10	11	11	12	12	13	13	14
8312G	Each	5,78	5,88	5,96	5,62	5,62	5,16	5,08	4,98	5,52	5,08	4,46	5,44	5,52	5,26	5,62
∅	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	4
Overall length	mm	43	43	46	46	46	46	49	49	49	52	52	52	52	55	55
Helix length	mm	14	14	16	16	16	16	18	18	18	20	20	20	20	22	22
8312G	Each	4,82	5,62	6,42	6,42	7,04	5,08	6,42	5,62	5,96	6,60	6,06	5,96	7,40	6,42	6,24
∅	mm	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	5,5
Overall length	mm	55	55	58	58	58	58	58	62	62	62	62	62	62	66	66
Helix length	mm	22	22	24	24	24	24	24	26	26	26	26	26	26	28	28
8312G	Each	6,60	6,42	7,12	8,90	6,68	9,98	6,38	8,02	9,80	7,22	10,60	12,90	12,60	17,40	9,18
∅	mm	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*	7
Overall length	mm	66	66	66	66	66	70	70	70	70	70	70	70	74	74	74
Helix length	mm	28	28	28	28	28	31	31	31	31	31	31	31	34	34	34
8312G	Each	17,40	16,80	17,70	18,30	9,18	17,80	20,10	21,40	19,60	11,30	22,70	24,10	23,60	24,10	12,20
∅	mm	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	8,5
Overall length	mm	74	74	74	74	74	79	79	79	79	79	79	79	79	79	79
Helix length	mm	34	34	34	34	34	37	37	37	37	37	37	37	37	37	37
8312G	Each	25,40	27,60	26,30	27,60	17,80	29,40	29,90	29,90	35,20	13,10	33,10	31,60	41,10	38,30	17,10
∅	mm	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*	10
Overall length	mm	84	84	84	84	84	84	84	84	84	84	89	89	89	89	89
Helix length	mm	40	40	40	40	40	40	40	40	40	40	43	43	43	43	43
8312G	Each	35,20	41,40	41,40	48,10	17,00	46,30	44,50	50,80	49,90	18,70	49,90	47,20	46,30	57,10	21,40
∅	mm	10,5	11	11,5	12	12,5	13	14	15							
Overall length	mm	89	95	95	102	102	102	107	111							
Helix length	mm	43	47	47	51	51	51	54	56							
8312G	Each	41,10	40,10	50,80	52,60	56,10	59,70	65,90	77,50							


8312G

Up to ∅ 7.5mm in 10pcs packing units. - * Sizes running out of stock

DRILLS FOR STAINLESS STEEL AND ALLOYS, RIGHT-HAND ROTATION
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.

∅	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	26	28	30	30	32	32	34	34	36	36	38	38	40	40	43
Helix length	mm	6	7	8	8	9	9	10	10	11	11	12	12	13	13	14
8315G	Each	11,70	9,68	11,10	11,40	10,40	10,50	10,10	9,40	8,54	7,44	7,68	10,90	10,70	10,70	11,20
∅	mm	2,5	2,6	2,7	2,8	2,9*	3	3,1*	3,2	3,3	3,4	3,5	3,6	3,8	3,9*	4
Overall length	mm	43	43	46	46	46	46	49	49	49	52	52	52	55	55	55
Helix length	mm	14	14	16	16	16	16	18	18	18	20	20	20	22	22	22
8315G	Each	8,24	11,20	14,90	11,30	11,70	10,50	11,70	11,20	12,30	11,80	11,70	15,60	11,40	11,80	10,40
∅	mm	4,1	4,2	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*
Overall length	mm	55	55	58	58	58	58	62	62	62	62	62	62	66	66	66
Helix length	mm	22	22	24	24	24	24	26	26	26	26	26	26	28	28	28
8315G	Each	13,30	13,10	12,50	9,88	11,40	13,60	13,40	16,20	12,60	19,20	23,50	24,10	18,60	27,80	24,70


INOX 8315G

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.

SCU



8330G

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	33,20	39,70	34,50	29,40	25,20
Ø	mm	7,5	9	9,5	10	15		
Overall length	mm	80	90	90	100	125		
Helix length	mm	40	50	50	56	71		
8330G	Each	26,60	36,20	44,30	47,20	95,30		



HARTMETALL

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.

SCU



8331G

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	22,10	36,50	31,30	31,30	22,80	20,30	31,90	27,40	35,20	19,60	24,10	29,30	20,30	25,10	24,80
Ø	mm	4,9*	5	5,1*	5,2	5,3*	5,4*	5,5	5,6*	5,7*	5,9*	6	6,1*	6,2*	6,3	6,4*
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	30
8331G	Each	31,90	20,10	31,90	31,90	35,20	36,50	22,80	22,50	21,60	20,50	21,50	32,80	36,50	35,20	30,60
Ø	mm	6,5	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
Overall length	mm	71	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Helix length	mm	32	40	40	40	40	40	40	40	40	40	40	40	40	40	40
8331G	Each	22,70	23,90	32,60	30,60	31,10	23,80	38,40	30,30	31,90	28,10	27,20	31,90	38,40	30,30	25,10
Ø	mm	8,2	8,5	9	9,5	10	10,5	11	11,5	12	12,5	13	13,5*	14	14,5	16
Overall length	mm	90	90	90	90	100	100	100	112	112	112	112	125	125	125	140
Helix length	mm	50	50	50	50	56	56	56	63	63	63	63	71	71	71	80
8331G	Each	41,70	30,60	28,10	37,80	34,50	45,60	38,40	61,80	40,40	61,20	54,70	87,20	63,80	103,00	87,20
Ø	mm	16,5	18	18,5	19,5	20										
Overall length	mm	140	160	160	160	160										
Helix length	mm	80	90	90	90	90										
8331G	Each	123,00	131,00	157,00	209,00	180,00										

* Sizes running out of stock



HARTMETALL

SOLID CARBIDE TWIST DRILLS, K 10/20, RIGHT-HAND ROTATION

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.



8334G

Ø	mm	0,5	0,7*	0,8	0,9*	1	1,1*	1,2	1,3*	1,4*
Overall length	mm	30	30	30	30	30	30	30	30	30
Helix length	mm	5,5	6,5	8,5	9,5	11	11	13	13	13
8334G	Each	11,80	7,98	11,90	12,50	9,76	7,58	11,90	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	11,80	8,28	8,28	10,20	16,30	28,70	34,40	



HARTMETALL

* Sizes running out of stock

ASSORTMENTS OF DRILL TIPS
8410G**HSS****Orig. Hartner - Art. 88012 / 0,015**

Assortments in steel plate box.
With HSS cylindrical drills Art. 8400 G.
Complete assortment.

With tips by mm 1 to 5,9
Quantity of tips 50
Progression mm 0,1

8410G	Each	130,00
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When the stocks will be run out, the assortments will be shipped in a sturdy unbreakable ABS box.

EMPTY CONTAINERS FOR ASSORTMENTS.

In enameled steel plate.

For Art. 8410 G.

O8410G	Each	29,30
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8412G**HSS****Orig. Hartner - Art. 88012 / 0,013**

Assortments in steel plate box.
With HSS cylindrical drills Art. 8400 G.
Complete assortment.

With tips by mm 1 to 10
Quantity of tips 19
Progression mm 0,5

8412G	Each	79,50
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When the stocks will be run out, the assortments will be shipped in a sturdy unbreakable ABS box.

EMPTY CONTAINERS FOR ASSORTMENTS.

In enameled steel plate.

For Art. 8412 G.

O8412G	Each	16,20
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8414G**HSS****Orig. Hartner - Art. 88012 / 0,016**

Assortments in steel plate box.
With HSS cylindrical drills Art. 8400 G.
Complete assortment.

With tips by mm 6 to 10
Quantity of tips 41
Progression mm 0,1

8414G	Each	274,00
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When the stocks will be run out, the assortments will be shipped in a sturdy unbreakable ABS box.

EMPTY CONTAINERS FOR ASSORTMENTS.

In enameled steel plate.

For Art. 8414 G.

O8414G	Each	61,10
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8416G**HSS****Orig. Hartner - Art. 88012 / 0,014**

Assortments in steel plate box.
With HSS cylindrical drills Art. 8400 G.
Complete assortment.

With tips by mm 1 to 13
Quantity of tips 25
Progression mm 0,5

8416G	Each	178,00
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When the stocks will be run out, the assortments will be shipped in a sturdy unbreakable ABS box.

EMPTY CONTAINERS FOR ASSORTMENTS.

In enameled steel plate.

For Art. 8416 G.

O8416G	Each	20,50
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STUB DRILLS, RIGHT HAND CUTTING
Orig. Hartner - Art. 84406

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.


8418G
new

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
Overall length	mm	34	36	38	38	40	40	43	43	46	46	49	49	53	53
Helix length	mm	12	14	16	16	18	18	20	20	22	22	24	24	27	27
8418G	Each	2,60	2,54	2,60	2,54	2,40	2,12	2,12	2,12	2,00	2,00	1,72	1,92	2,00	2,06
Ø	mm	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	57	57	57	61	61	61	61	65	65	65	70	70	70	70
Helix length	mm	30	30	30	33	33	33	33	36	36	36	39	39	39	39
8418G	Each	2,00	2,00	2,12	2,12	2,12	2,12	1,78	2,26	2,26	2,26	2,26	2,00	2,46	2,54
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
Overall length	mm	75	75	75	75	75	80	80	80	80	80	86	86	86	86
Helix length	mm	43	43	43	43	43	47	47	47	47	47	52	52	52	52
8418G	Each	2,60	2,74	2,00	2,94	2,54	2,94	2,94	2,68	3,08	3,16	3,08	3,30	2,60	3,30
Ø	mm	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
Overall length	mm	86	86	93	93	93	93	93	93	93	101	101	101	101	101
Helix length	mm	52	52	57	57	57	57	57	57	57	63	63	63	63	63
8418G	Each	3,36	3,36	3,98	3,42	4,04	4,04	4,04	4,24	3,42	4,60	4,60	4,66	4,94	4,12
Ø	mm	6,6	6,7	6,75	6,8	6,9	7	7,1	7,2	7,3	7,4	7,5	7,6	7,7	7,8
Overall length	mm	101	101	109	109	109	109	109	109	109	109	109	117	117	117
Helix length	mm	63	63	69	69	69	69	69	69	69	69	69	75	75	75
8418G	Each	4,94	5,14	5,62	5,62	6,02	5,00	6,38	6,58	6,64	6,98	5,62	7,26	7,26	6,98
Ø	mm	7,9	8	8,1	8,2	8,3	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	125	125	125	125	125	125	125
Helix length	mm	75	75	75	75	75	75	75	81	81	81	81	81	81	81
8418G	Each	7,40	5,28	7,54	7,68	8,22	8,22	6,78	8,08	8,08	9,32	8,64	7,40	9,72	8,76
Ø	mm	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	10,6
Overall length	mm	125	125	125	133	133	133	133	133	133	133	133	133	133	133
Helix length	mm	81	81	81	87	87	87	87	87	87	87	87	87	87	87
8418G	Each	10,00	9,04	8,50	9,72	10,00	12,10	10,60	9,46	11,30	11,30	13,90	13,90	11,50	14,60
Ø	mm	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	142	142	142	142	142	142	142	142	142	142	142	142	151	151
Helix length	mm	94	94	94	94	94	94	94	94	94	94	94	94	101	101
8418G	Each	18,50	16,60	18,10	13,30	17,30	16,90	18,40	18,40	16,90	18,40	18,50	18,50	22,60	16,60
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
Overall length	mm	151	151	151	151	151	151	151	151	151	151	160	160	160	160
Helix length	mm	101	101	101	101	101	101	101	101	101	101	108	108	108	108
8418G	Each	22,10	22,10	20,60	24,10	19,60	25,90	23,90	24,70	29,50	21,10	35,10	27,30	37,70	30,90
Ø	mm	14,5	15	15,5	16										
Overall length	mm	169	169	178	178										
Helix length	mm	114	114	120	120										
8418G	Each	27,40	31,50	32,90	35,60										

Up to Ø 7.5 mm in packs of 10 pieces.

ASSORTMENTS OF DRILL TIPS
Orig. Hartner - Art. 88016 / 6,015

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 to 5,9
Quantity of tips		50
Progression	mm	0.1
8419GA	Each	133,00


8419GA
new

HSS
TIN

8419GC
new



HSS

TIN

Orig. Hartner - Art. 88016 / 6,016

Product description as Art. 8419GA

With tips by mm 6 to 10
Quantity of tips 41
Progression mm 0.1

8419GC Each **281,00**

8419GE
new



HSS

TIN

Orig. Hartner - Art. 88016 / 6,014

Product description as Art. 8419GA

With tips by mm 1 to 13
Quantity of tips 25
Progression mm 0.5

8419GE Each **182,00**

8419GF
new



HSS

TIN

Orig. Hartner - Art. 88016 / 6,018

Product description as Art. 8419GA

With tips by mm 1 to 10,5
Quantity of tips 24
Progression mm 0.5

8419GF Each **118,00**

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
new



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 to 10	1 to 13	1 to 5,9
Progression mm	0,5	0,5	0,1

8421G Each **7,58** **9,98** **13,50**

DRILLS FOR ALUMINIUM AND COPPER, RIGHT-HAND ROTATION

8431G



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	7,92	5,78	7,04	5,70	8,10	4,00	7,22	4,00	8,10	4,46	6,14	5,52	5,08	6,14	5,78	6,50
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	6,68	9,80	6,60	8,02	5,62	6,94	5,62	8,02	9,26	7,12	8,82	8,82	14,60	8,02	8,38	7,30
Ø	mm	5,1	5,2	5,25*	5,3	5,4	5,5	5,6	5,7	5,75*	5,8	5,9*	6	6,25*	6,5	7	7,25*
Overall length	mm	86	86	86	86	93	93	93	93	93	93	93	93	101	101	109	109
Helix length	mm	52	52	52	52	57	57	57	57	57	57	57	57	63	63	69	69
8431G	Each	8,46	9,44	17,40	10,40	12,10	9,08	12,10	11,40	19,60	11,40	12,60	9,70	20,50	11,20	11,50	36,10
Ø	mm	7,5	8	8,5	9	9,5	10	10,5	11	11,5	12	12,5	13				
Overall length	mm	109	117	117	125	125	133	133	142	142	151	151	151				
Helix length	mm	69	75	75	81	81	87	87	94	94	101	101	101				
8431G	Each	15,40	14,70	17,80	19,60	28,10	22,30	30,70	36,50	48,10	41,90	46,30	49,90				

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock

DRILLS FOR SYNTHETIC MATERIALS, RIGHT-HAND ROTATION

8435G



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	6,5	7	9
Overall length	mm	34	40	101	109	125
Helix length	mm	12	18	63	69	81
8435G	Each	5,20	5,00	11,80	12,90	21,10

Up to Ø 7 mm in 10pcs packing units.

STUB DRILLS, RIGHT HAND CUTTING

8445G



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	16,20	11,30	8,90	6,86	12,10	6,86	10,60	6,24	8,28	5,96	7,48	5,78	7,04	5,44	7,22	5,62	7,66
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	6,06	7,12	5,78	7,40	6,42	5,08	7,04	5,44	6,24	5,62	8,10	5,44	7,22	5,62	8,28	4,54	6,86
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	5,96	5,96	8,64	5,96	11,20	5,96	11,90	4,82	10,80	6,06	6,06	11,10	6,24	11,20	6,24	9,08	4,82
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	80	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	6,42	5,44	5,62	6,68	5,44	7,22	7,30	7,12	7,40	5,78	7,40	7,40	7,40	8,02	7,40	8,02	8,38
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	8,20	8,28	7,22	8,28	8,46	8,46	9,88	9,98	10,10	10,50	9,52	10,60	9,26	10,70	10,70	11,30	11,80
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	8,1
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	10,60	12,30	12,30	12,90	14,40	11,20	16,70	15,20	17,70	16,80	11,90	23,20	20,50	18,70	21,10	14,70	18,70
Ø	mm	8,2	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
Overall length	mm	117	117	117	117	125	125	125	125	125	125	125	125	125	133	133	133	133
Helix length	mm	75	75	75	75	81	81	81	81	81	81	81	81	81	87	87	87	87
8445G	Each	19,60	21,80	21,40	14,70	21,80	21,80	23,20	19,20	26,70	27,60	30,70	34,30	22,30	35,20	33,10	33,10	34,80
Ø	mm	10	10,5	11	11,5	12	12,5	13	13,5	14	14,5	15	16					
Overall length	mm	133	133	142	142	151	151	151	160	160	169	169	178					
Helix length	mm	87	87	94	94	101	101	101	108	108	114	114	120					
8445G	Each	21,40	31,60	34,30	44,50	49,90	57,90	63,20	73,10	82,80	102,00	106,00	131,00					

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock

13

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.

Cylindrical shank.



INOX 8450G



HSS-E

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	8,82	9,88	9,80	9,88	8,54	7,84	9,88	9,08	8,54	9,98	6,42	10,20	10,50	11,10	10,80	7,12
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	11,10	11,10	10,70	9,70	6,86	11,60	8,20	7,74	10,10	7,22	12,60	12,60	11,70	13,20	8,10	12,60
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	10,10	10,60	13,70	10,50	14,30	13,20	11,40	15,40	9,52	12,90	13,50	15,70	16,90	15,20	17,40	17,40
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
8450G	Each	17,40	17,40	12,60	19,20	17,50	19,20	21,40	15,40	21,40	21,40	19,20	21,10	15,90	26,70	26,70	22,30
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	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
8450G	Each	26,70	20,50	27,60	33,40	33,40	33,40	20,50	32,10	29,10	33,40	37,10	19,60	37,10	38,30	42,30	43,20
Ø	mm	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	10,5
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	87	87	87	87	87	87	87	87	87	87
8450G	Each	26,70	48,10	49,90	41,90	53,40	33,10	57,90	52,60	49,90	47,20	29,40	61,50	44,50	76,60	64,10	44,50
Ø	mm	10,7*	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	142	151	151				
Helix length	mm	94	94	94	94	94	94	94	94	94	94	101	101				
8450G	Each	85,60	80,40	72,10	48,10	108,00	108,00	75,20	65,90	125,00	85,60	85,60	65,90				

Up to Ø 7.5mm in 10pcs packing units. - * Sizes running out of stock

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



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	
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	7,22	7,04	7,30	6,86	6,60	6,06	5,78	5,78	5,08	5,78	4,46	5,16	5,44	5,78	5,44	
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	5,62	5,78	6,14	5,78	6,06	4,90	6,06	6,24	6,24	6,06	5,44	6,60	7,30	7,30	7,56	
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	5,78	8,02	7,04	8,02	8,64	7,30	8,64	8,54	8,38	9,18	7,22	9,00	9,00	9,52	11,20	
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	9,98	11,10	11,40	11,20	11,90	9,98	12,20	14,70	16,30	16,30	21,40	23,20	26,30	28,10		

8461G**HSS-E****Orig. Hartner - Art. 84804**

Spiral flute length according to DIN 338. Type FU 500 DZ. COBALT HSS-E. Cutting angle 118°. SHORT pattern.

Particular 4 facet sharpening and special web thinning for low turning moments, 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	2,44	2,44	2,44	2,44	2,44	2,60	2,60	2,66	2,78	2,66	2,78	2,88	3,06	3,06	3,06
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	3,34	3,28	3,34	3,34	3,42	4,38	3,42	3,42	3,56	3,56	3,56	3,68	3,82	4,24	4,82
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	4,82	5,26	6,12	5,98	7,34	6,40	8,06	6,70	7,12	8,06	10,30	9,00	11,50	10,30	13,40
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	13,40	15,50	17,70	18,70	22,70	26,60	30,60	32,10							

8463G**HSS-E****TIN****Orig. Hartner**

Spiral flute length according to DIN 338. Type FU 500 DZ. COBALT HSS-E+TIN. Cutting angle 118°. SHORT pattern.

Particular 4 facet grinding and special web thinning for low turning moments, 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	5,98	6,12	6,54	7,26	7,84	8,06	8,34	8,70	9,28	11,10	11,30	13,40	15,10	15,10	15,90	18,10	18,70
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	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	84802	84802	84802	84802	84802	84802	
8463G	Each	20,90	22,10	24,10	28,40	28,40	29,20	32,80	34,20	38,10	46,10	263,00	281,00	296,00	326,00	368,00	383,00	

8464G**HSS-E****FIRE****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 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 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	22,60	26,70	26,70	29,70	29,70	33,20	40,70	39,20	49,10	49,10	53,50	65,60	69,30	69,30	70,80		
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	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	75,40	84,40	75,40	81,40	88,90	112,00	112,00	106,00	112,00	122,00	162,00						

* Sizes running out of stock

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.

SCU

8465G



HARTMETALL

Ø	mm	2	2,1*	2,5	2,6*	3	3,1	3,2	3,3	3,5	3,6	3,9*	4	4,2	4,3	4,4*
Overall length	mm	51	49	57	57	61	70	70	70	70	75	75	75	80	80	80
Helix length	mm	24	24	30	30	33	39	39	39	39	43	43	43	47	47	47
8465G	Each	13,90	10,60	13,90	10,60	13,60	13,60	13,60	13,60	13,60	12,60	10,20	12,60	13,10	13,10	10,60
Ø	mm	4,5	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	80	86	93	93	93	93	93	93	93	93	101	109	109	109	109
Helix length	mm	47	52	57	57	57	57	57	57	57	57	63	69	69	69	69
8465G	Each	13,10	13,60	14,20	14,20	14,20	14,20	11,80	11,80	14,80	15,60	15,60	16,50	16,50	16,50	17,90
Ø	mm	7,5	7,9*	8	8,5	8,6*	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	125	133	133	133
Helix length	mm	69	75	75	75	81	81	81	81	81	81	81	81	87	87	87
8465G	Each	17,90	15,30	19,10	20,80	17,70	17,50	22,20	18,90	18,90	18,90	18,90	23,70	20,20	20,50	25,60
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	29,30	31,10	34,60	36,90	40,50	41,10	67,40	73,50	82,10	94,10					

* Sizes running out of stock

SOLID CARBIDE TWIST DRILLS, K 10/20, RIGHT-HAND ROTATION

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.

SCU

8468G



HARTMETALL

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	6,28	7,12	7,96	7,96	7,96	7,96	11,10	11,10	11,10	11,10	10,40	10,40	10,40	10,40	11,90
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	75	80	80	80	80	86	86	86
Helix length	mm	39	39	39	43	43	43	43	43	47	47	47	47	52	52	52
8468G	Each	11,10	12,60	12,60	12,60	12,60	12,60	13,50	13,50	17,50	17,50	15,80	18,20	18,20	18,20	17,50
Ø	mm	5,1	5,2	5,3	5,4*	5,5	5,6	5,8	6	6,1	6,2	6,4*	6,5	6,8	6,9	7
Overall length	mm	86	86	86	93	93	93	93	93	101	101	101	101	109	109	109
Helix length	mm	52	52	52	57	57	57	57	57	63	63	63	63	69	69	69
8468G	Each	31,50	23,40	23,40	30,30	23,80	24,90	24,90	24,60	31,50	31,50	38,70	30,80	36,40	58,10	36,40
Ø	mm	7,2	7,4	7,5	7,6	7,7	7,9	8	8,2	8,5	8,6*	8,7*	9	9,1*	9,3	9,4
Overall length	mm	109	109	109	117	117	117	117	117	117	125	125	125	125	125	125
Helix length	mm	69	69	69	75	75	75	75	75	75	81	81	81	81	81	81
8468G	Each	44,10	44,10	36,40	52,40	43,30	82,40	42,60	55,20	49,60	107,00	69,90	51,70	76,40	68,50	68,50
Ø	mm	9,5	9,6*	9,7	9,8	9,9	10	10,5	11	11,5	12					
Overall length	mm	125	133	133	133	133	133	133	142	142	151					
Helix length	mm	81	87	87	87	87	87	87	94	94	101					
8468G	Each	57,30	88,80	71,30	71,30	71,30	63,60	74,10	89,40	95,10	104,00					

* Sizes running out of stock

LONG DRILLS FOR METALS, RIGHT-HAND ROTATION

8480G



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.



HSS

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	8,04	8,24	7,68	7,30	6,66	5,64	5,82	5,82	5,82	3,84	4,82	4,82	7,86	5,28	4,82	4,12
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	112	119
Helix length	mm	62	66	66	66	66	66	69	69	69	69	73	73	73	73	73	78
8480G	Each	5,08	5,64	8,24	5,18	5,74	4,16	5,18	4,40	7,86	5,00	6,20	4,90	6,20	6,28	9,16	5,82
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	126	132	132	132	132	132
Helix length	mm	78	78	78	78	78	82	82	82	82	82	82	87	87	87	87	87
8480G	Each	6,28	5,36	6,28	5,46	11,10	6,66	7,40	6,20	6,84	7,30	15,10	7,40	7,40	6,84	7,58	7,68
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	6,4*	6,5
Overall length	mm	132	132	139	139	139	139	139	139	139	148	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	15,10	8,50	8,78	7,86	8,78	7,86	16,60	8,04	9,16	8,50	8,70	9,24	19,50	9,70	12,10	9,24
Ø	mm	6,6	6,7	6,75	6,8	6,9	7	7,1	7,2	7,25*	7,3	7,4*	7,5	7,6*	7,75	7,8	7,9*
Overall length	mm	148	148	156	156	156	156	156	156	156	156	156	156	165	165	165	165
Helix length	mm	97	97	102	102	102	102	102	102	102	102	102	102	109	109	109	109
8480G	Each	12,30	12,90	14,30	13,20	14,50	10,80	15,70	15,70	22,20	16,30	16,10	12,90	16,20	21,30	15,10	16,60
Ø	mm	8	8,1	8,2	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*
Overall length	mm	165	165	165	165	165	175	175	175	175	175	175	175	175	175	175	184
Helix length	mm	109	109	109	109	109	115	115	115	115	115	115	115	115	115	115	121
8480G	Each	12,70	17,20	15,10	19,50	14,60	19,90	21,80	23,20	26,40	15,30	24,50	24,50	25,50	25,50	18,50	25,50
Ø	mm	9,7	9,75	9,8	9,9*	10	10,25	10,5	10,75	11	11,25	11,5	11,75	12	12,5	13	13,5
Overall length	mm	184	184	184	184	184	184	184	195	195	195	195	195	205	205	205	214
Helix length	mm	121	121	121	121	121	121	121	128	128	128	128	128	134	134	134	140
8480G	Each	25,10	33,80	25,10	28,20	18,10	33,80	25,50	41,20	26,40	54,60	29,60	52,70	33,80	33,80	35,60	39,30
Ø	mm	14	15	16	17,5*	18,5*	19,5*	20	20,5	23,5*	24,5*	25*					
Overall length	mm	214	220	227	241	247	254	254	261	275	282	282					
Helix length	mm	140	144	149	158	162	166	166	171	180	185	185					
8480G	Each	43,90	54,60	66,60	112,00	171,00	174,00	108,00	208,00	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

8481G



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.



HSS

Ø	mm	1	1,2	1,3	1,4*	1,6	1,7*	1,8	1,9*	2	2,2	2,3	2,4*	2,5	2,6	2,7
Overall length	mm	56	65	65	70	76	76	80	80	85	90	90	95	95	95	100
Helix length	mm	33	41	41	45	50	50	53	53	56	59	59	62	62	62	66
8481G	Each	13,20	13,60	14,30	12,50	11,90	11,80	13,10	10,10	8,46	11,80	10,30	7,84	9,34	12,60	9,88
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	4,4*
Overall length	mm	100	100	100	106	106	106	112	112	112	112	119	119	119	119	126
Helix length	mm	66	66	66	69	69	69	73	73	73	73	78	78	78	78	82
8481G	Each	9,70	11,20	9,00	12,60	12,20	13,50	18,30	11,10	22,70	5,18	25,10	11,30	23,20	14,10	18,30
Ø	mm	4,5	4,6*	4,7	5	5,5	5,7*	5,8*	5,9	6	6,1*	6,2	6,5*	6,7*	6,8	7
Overall length	mm	126	126	126	132	139	139	139	139	139	148	148	148	148	156	156
Helix length	mm	82	82	82	87	91	91	91	91	91	97	97	97	97	102	102
8481G	Each	13,80	21,40	25,40	15,20	17,70	37,90	46,30	46,30	18,70	39,70	48,10	28,10	60,60	57,10	29,10
Ø	mm	7,2*	7,3*	7,5	7,8*	8	8,2*	8,3*	8,4*	9*	10*	10,5*	11*	11,5*	12,5*	
Overall length	mm	156	156	156	165	165	165	165	165	175	184	184	195	195	205	
Helix length	mm	102	102	102	109	109	109	109	109	115	121	121	128	128	134	
8481G	Each	56,10	37,10	52,60	41,80	32,10	62,30	32,40	43,90	41,40	41,90	43,90	45,70	46,10	50,20	

Up to Ø 6.7mm in 10pcs packing units. - * Sizes running out of stock

Ø	mm	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	8,2*
Overall length	mm	148	148	156	156	156	156	156	156	156	156	165	165	165	165	165	165
Helix length	mm	97	97	102	102	102	102	102	102	102	109	109	109	109	109	109	109
8487G	Each	35,10	41,40	36,70	39,80	32,90	44,60	52,60	46,70	55,20	40,90	52,60	59,50	61,60	62,70	34,50	54,20
Ø	mm	8,3	8,4*	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	165	165	175	175	175	175	175	175	175	175	175	175	184	184	184	184
Helix length	mm	109	109	115	115	115	115	115	115	115	115	115	115	121	121	121	121
8487G	Each	64,80	66,90	66,90	62,70	73,30	77,50	45,10	78,60	82,80	82,80	79,60	63,70	88,10	93,40	94,50	96,60
Ø	mm	10	10,5	11	11,5*												
Overall length	mm	184	184	195	195												
Helix length	mm	121	121	128	128												
8487G	Each	66,90	89,20	103,00	126,00												

Up to Ø 6.7mm in 10pcs packing units. - * Sizes running out of stock

8490G



HSS



TIN

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	19,70	16,80	14,80	17,40	14,80	18,10	15,10	15,90	17,20	16,40	16,40	17,10	18,10	21,10	19,70
Ø	mm	5,8*	6	6,2*	6,8*	7	7,2	7,5*	7,8	8	8,2*	8,5	8,8*	9	9,2*	9,5
Overall length	mm	139	139	148	156	156	156	156	165	165	165	165	175	175	175	175
Helix length	mm	91	91	97	102	102	102	102	109	109	109	109	115	115	115	115
8490G	Each	22,10	20,10	37,10	37,50	34,40	43,70	36,50	43,70	36,10	40,60	39,60	47,30	40,60	54,50	48,80
Ø	mm	9,8*	10	10,5*	10,8*	11,5	12									
Overall length	mm	184	184	184	195	195	205									
Helix length	mm	121	121	121	128	128	134									
8490G	Each	57,60	42,70	43,70	66,80	64,70	62,70									

Up to Ø 6.2mm 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	18,80	18,80	20,90	26,00	20,90	21,80	29,20	24,50	24,50	39,30	38,80	27,60	26,60
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	37,70	38,80	46,70	47,80	61,60	66,90	78,60	69,10	121,00	92,40	112,00	106,00	

8494G



HSS



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	28,70	32,40	30,30	34,10	32,90	40,90	39,30	47,30
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	49,40	71,10	57,30	90,20	88,10	107,00	94,50	144,00
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	142,00	133,00	156,00	151,00	160,00	164,00		

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	39,80	38,80	48,30	47,30	50,40	53,10	57,30
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	74,30	93,40	86,10	109,00	117,00	150,00	138,00
Ø	mm	10,5*	11,5	12	12,5	13		
Overall length	mm	430	455	480	480	480		
Helix length	mm	295	310	330	330	330		
8496G	Each	163,00	177,00	188,00	185,00	188,00		

* Sizes running out of stock



8496G



HSS



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.

SCU



8497GA



HARTMETALL

TiAlN



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	24	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	39,10	39,10	39,10	39,10	39,10	39,10	39,10	39,10	39,10	39,10	39,10	39,10	39,10	39,10	39,10
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	39,10	43,30	43,30	43,30	43,30	65,10	65,10	65,10	65,10	65,10	86,60	86,60			

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.

SCU



8497GE



HARTMETALL

TiAlN



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	44,10	44,10	44,10	44,10	44,10	44,10	44,10	45,40	45,40	45,40	49,60	49,60	49,60	74,10	74,10	97,80

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.

SCU



8497GL



HARTMETALL

TiAlN



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	67,80	67,80	67,80	67,80	67,80	75,50	75,50	75,50	86,60	86,60	86,60	126,00	126,00	169,00

CARBIDE TIPPED TWIST DRILLS, RIGHT-HAND ROTATION

8512G

SCU



HARTMETALL

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.

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	79,40	95,10	76,80	97,60	105,00	95,10	129,00	107,00	111,00	111,00	111,00	120,00	147,00	182,00	185,00

* Sizes running out of stock

8513G

SCU



HARTMETALL

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.

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



HSS

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.

Ø	mm	7	7,5*	8	8,5	9,5*	10	10,5*	11	11,5*	12,5	13	13,5	14	14,5	15
Overall length	mm	174	174	181	181	188	197	197	206	206	215	215	223	223	245	245
Helix length	mm	93	93	100	100	107	116	116	125	125	134	134	142	142	147	147
Drive	C.M.	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
8515G	Each	41,60	29,90	37,50	37,90	36,20	43,50	45,30	45,80	45,80	46,30	46,30	51,80	51,80	66,60	64,70
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
Overall length	mm	251	251	257	257	263	263	269	269	275	275	282	282	289	289	296
Helix length	mm	153	153	159	159	165	165	171	171	177	177	184	184	191	191	198
Drive	C.M.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8515G	Each	62,90	68,40	73,10	71,20	80,50	80,50	87,20	87,80	103,00	96,20	122,00	111,00	134,00	122,00	135,00
Ø	mm	23	24	25	26	27	28	29	30	33	34	35	36	37*	38	39
Overall length	mm	296	327	327	335	343	343	351	351	397	406	406	416	416	426	426
Helix length	mm	198	206	206	214	222	222	230	230	248	257	257	267	267	277	277
Drive	C.M.	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4
8515G	Each	126,00	154,00	155,00	179,00	191,00	215,00	246,00	244,00	315,00	400,00	385,00	440,00	405,00	481,00	509,00
Ø	mm	40*	41*	43*	44*	47*	48*	49	50							
Overall length	mm	426	436	447	447	459	470	470	470							
Helix length	mm	277	287	298	298	310	321	321	321							
Drive	C.M.	4	4	4	4	4	4	4	4							
8515G	Each	527,00	694,00	535,00	666,00	650,00	832,00	906,00	878,00							

* Sizes running out of stock

EXTRA-LONG DRILLS FOR METALS, RIGHT-HAND ROTATION

8520G



HSS

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	230	230	230	245	245
Drive	C.M.	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
8520G	Each	88,10	106,00	120,00	114,00	150,00	120,00	121,00	133,00	149,00	144,00	156,00	164,00	169,00	183,00	183,00
Ø	mm	18,5*	19	20	20,5	21	22	23	24	25	28	28,5*	29*	30		
Overall length	mm	370	370	385	385	385	405	405	440	440	460	460	460	460		
Helix length	mm	245	245	260	260	260	270	270	290	290	305	305	305	305		
Drive	C.M.	2	2	2	2	2	2	2	3	3	3	3	3	3		
8520G	Each	164,00	206,00	236,00	374,00	279,00	283,00	370,00	391,00	385,00	506,00	466,00	542,00	542,00		

* Sizes running out of stock

13

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.



8522G



Ø	mm	9*	9,5*	10	12	13	13,5	14	14,5	15	15,5	16	16,5*	17	17,5	18	19	
Overall length	mm	345	345	360	395	395	410	410	425	425	445	445	445	445	465	465	465	465
Helix length	mm	220	220	235	260	260	275	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	2	
8522G	Each	163,00	196,00	143,00	195,00	212,00	240,00	210,00	228,00	213,00	264,00	219,00	276,00	253,00	255,00	266,00	300,00	

Ø	mm	19,5*	20	21	21,5*	22	22,5*	23	23,5*	24	25	26	26,5*	28	29	29,5*
Overall length	mm	490	490	490	515	515	515	515	535	555	555	555	555	580	580	580
Helix length	mm	325	325	325	345	345	345	345	345	365	365	365	365	385	385	385
Drive	C.M.	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
8522G	Each	351,00	327,00	363,00	338,00	414,00	386,00	512,00	423,00	476,00	478,00	584,00	558,00	743,00	754,00	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.



8525G



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	248,00	265,00	255,00	252,00	255,00	269,00	280,00	294,00

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	300,00	405,00	324,00	355,00	376,00	405,00	466,00	508,00

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	518,00	623,00	595,00	671,00	767,00	845,00	1.140,00	1.180,00

* Sizes running out of stock

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.



8526G



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	248,00	265,00	255,00	252,00	255,00	269,00	280,00	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	300,00	396,00	324,00	355,00	376,00	405,00	466,00	508,00

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	518,00	623,00	595,00	671,00	767,00	845,00	900,00	1.180,00

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 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 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	248,00	265,00	255,00	252,00	255,00	269,00	280,00	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	300,00	396,00	324,00	355,00	376,00	405,00	466,00	508,00
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	518,00	623,00	595,00	671,00	767,00	845,00	900,00	1.180,00

* 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	26,40	26,40	29,30	30,70	36,90	47,50	70,10

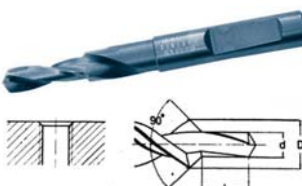
8538GE



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	84,60	120,00	158,00

STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE, RIGHT HAND CUTTING

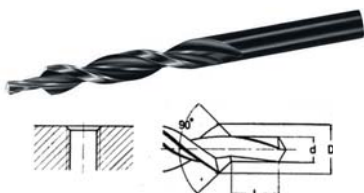
8539G



HSS

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. 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	39	47	57	63	81	94	108
Overall length	mm	70	80	93	101	125	142	160
8539G	Each	41,70	40,80	41,70	49,90	55,60	71,10	108,00

STRAIGHT SHANK SUBLAND DRILLS 180° INCLUDED ANGLE, RIGHT HAND CUTTING

8540G



HSS

Orig. Hartner - Art. 85918

Type N. HSS. Cutting angle 118°. 180° angle, for seats of embedded flat die screws. Cylindrical shank.



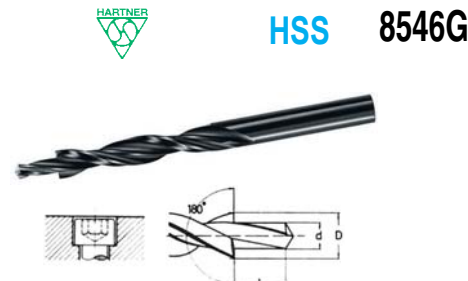
For screws	M.	3	4	5	6	8	10
Guide tip Ø d	mm	3,4	4,5	5,5	6,6	9	11
Countersink D Ø	mm	6	8	10	11	15	18
Guiding spiral l length	mm	9	11	13	15	19	23
Spiral total length.	mm	28	37	43	47	56	62
Overall length	mm	66	79	89	95	111	123
8540G	Each	32,60	35,10	41,70	48,10	60,40	103,00

13

STRAIGHT SHANK SUBLAND DRILLS 180° INCLUDED ANGLE,, RIGHT HAND CUTTING
Orig. Hartner - Art. 85210

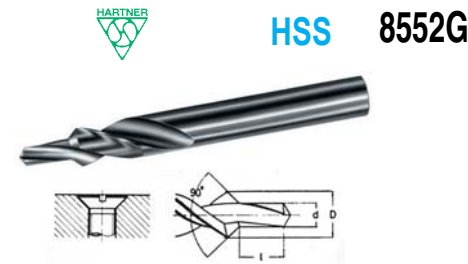
 DIN 8376. Type N. HSS. Cutting angle 118°.
 With independent flutes. Small spiral flute for drilling.
 180° flat stepped bigger spiral flute.
 Cylindrical shank.

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	48,10	50,80	61,40	71,10	89,20	196,00


STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE, RIGHT HAND CUTTING
Orig. Hartner - Art. 85916

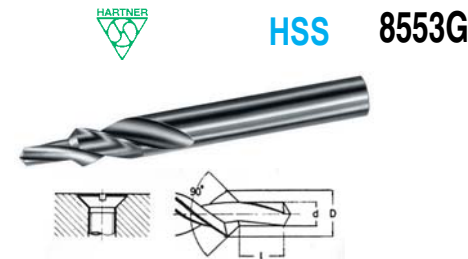
 Type N. HSS. Cutting angle 118°.
 90° countersinking angle for countersink-head screw seats. FINE tolerance.
 Cylindrical shank.

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	30,70	34,10	43,70	54,70	69,10	110,00


Orig. Hartner - Art. 85917

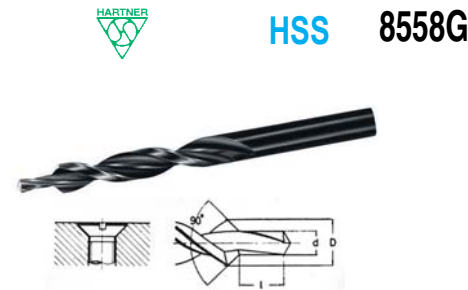
 Type N. HSS. Cutting angle 118°.
 90° countersinking angle for countersink-head screw seats. MEDIUM tolerance.
 Cylindrical shank.

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	31	40	47	51	62
Overall length	mm	70	84	95	102	123
8553G	Each	34,10	36,90	50,80	60,40	102,00


STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE, RIGHT HAND CUTTING
Orig. Hartner - Art. 85010

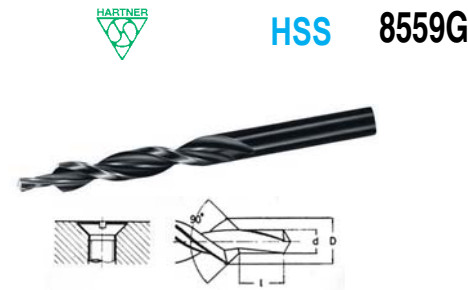
 DIN 8374. Type N. HSS. Cutting angle 118°. With independent flutes.
 Small spiral flute for drilling. Bigger spiral flute with 90° countersinking angle for countersink-head screw seats. FINE tolerance. Cylindrical shank.

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	47,10	54,70	67,10	81,50	146,00


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	57,60	69,10	77,70	117,00	217,00

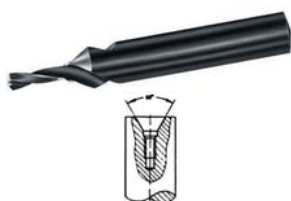


STRAIGHT SHANK DRILLS FOR THREADED 60° CENTRE HOLES, RIGHT HAND CUTTING

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	96,80	98,80	115,00	126,00	137,00	178,00

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	107,00	116,00	126,00	120,00	137,00	179,00	252,00	340,00

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	114,00	117,00	130,00	132,00	153,00	273,00

STRAIGHT SHANK SUBLAND DRILLS 180° INCLUDED ANGLE,, RIGHT HAND CUTTING

8584G



HSS



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.

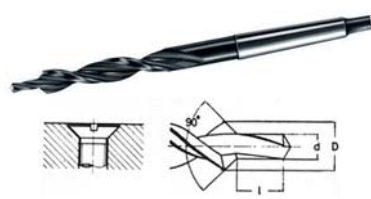
For screws	M.	5	6	8	10	12	14	16	20
Guide tip Ø d	mm	5,5	6,6	9	11	13,5	15,5	17,5	22
Countersink D Ø	mm	10	11	15	18	20	24	26	33
Guiding spiral l length	mm	13	15	19	23	27	31	35	43
Spiral total length.	mm	87	94	114	130	140	160	165	185
Overall length	mm	168	175	212	228	238	281	286	334
Drive	C.M.	1	1	2	2	2	3	3	4
8584G	Each	105,00	97,80	116,00	159,00	189,00	248,00	301,00	453,00

STRAIGHT SHANK SUBLAND DRILLS 90° INCLUDED ANGLE, RIGHT HAND CUTTING

8587G



HSS



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	6	8	10
Guide tip Ø d	mm	5,5	6,6	9	11
Countersink D Ø	mm	11	13	17,2	21,5
Guiding spiral l length	mm	13	15	19	23
Spiral total length.	mm	94	101	130	150
Overall length	mm	175	182	228	248
Drive	C.M.	1	1	2	2
8587G	Each	136,00	121,00	157,00	244,00

Sizes M 5 - 6 - 10 are 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.


8590G

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 I 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	94,90	94,10	182,00


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.


8600G
8600GS

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	10,50	10,10	9,24	10,90	9,24	8,78	10,50
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	14,70	21,30	30,10	43,90	69,40	139,00	


HSS

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	15,40	14,10	16,60	17,20	23,00	29,80

Orig. Hartner - Art. 83101

Product description as Art. 8600G
 COBALT HSS-E. Right-hand cutting.


8601G

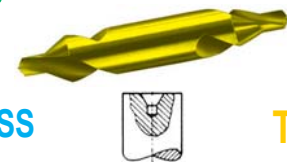
Tip Ø	mm	1	1,6	2	2,5	3,15	4
Body Ø	mm	3,15	4	5	6,3	8	10
Overall length	mm	31,5	35,5	40	45	50	56
8601G	Each	18,50	19,70	19,70	21,60	27,40	39,30


HSS-E
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.


8601GT

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	24,20	27,80	22,60	23,70	27,80	33,40	54,50


HSS
TIN
Prod. SCU

DIN 333. Form A. Cutting angle 118°. SOLID CARBIDE.
 For drilling metals and hard steel. Right-hand cutting. 60° countersink taper.


8601GV

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	34,30	39,70	45,20	50,50	63,70	75,10


HARTMETALL
LONG CENTRE DRILLS
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.


8602G

Tip Ø	mm	1	1,6	2	2,5	3,15
Body Ø	mm	4	5	6	8	10
8602G	Each	24,10	23,50	22,10	26,40	50,80


HSS

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.

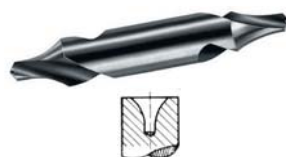
Tip Ø	mm	1,6	2	2,5	3,15	4	5	6,3
Body Ø	mm	6,3	8	10	11,2	14	18	20
Overall length	mm	45	50	56	60	67	75	80
8603G	Each	15,40	17,10	20,70	30,20	38,40	48,10	77,70

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	9,50	11,40	9,02	9,12	10,90	14,70	20,20
Tip Ø	mm	5	6,3					
Body Ø	mm	12,5	16					
Overall length	mm	63	71					
8606G	Each	30,70	45,60					

CENTRE DRILLS WITH FLATTED BODY

8608G



HSS



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	16,90	14,10	15,50	18,70	26,40	44,60	74,80

8609G



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	23,50	28,30	40,80	48,10		

Size mm 1,6 is running out of stock

8610G



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	13,60	13,40	14,60	18,70	26,40	38,90	68,10

TANGED STRAIGHT SHANK SPOTTING DRILLS, RIGHT HAND CUTTING

8612G



HSS



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	14,10	13,80	15,10	14,70	24,50	27,60	40,10	51,70	83,70

13

Orig. Hartner - Art. 81192

Product description as Art. 8612G

With 90° cutting angle.

Ø	mm	3	4	5	6	8	10	12
Helix length	mm	12	12	14	16	21	25	30
Overall length	mm	46	55	62	66	79	89	102
8613G	Each	14,10	13,80	14,30	14,70	24,50	27,60	40,10

Ø	mm	16	20
Helix length	mm	37	45
Overall length	mm	115	131
8613G	Each	51,70	83,70


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	38,40	41,10	64,40	91,10	123,00	226,00	380,00


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	35,80	39,70	60,50	87,20	118,00	216,00	367,00


8616G

HARTMETALL
STUB DRILLS FOR SPOT WELDS
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	13,80
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SCU
8616GT

TIN
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	6,78	7,92	9,08	15,10

SCU
8617G

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	10,70	11,90	13,10	19,10

SCU
8617GA

TIN
HSS-E
DOUBLE END DRILLS, RIGHT HAND CUTTING
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	Per pack	11,70	13,30	13,30	13,30	15,60	17,20	17,20	17,20

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	Per pack	19,30	21,40	21,40	22,10	22,10	28,40	28,40

* Sizes running out of stock

SCU
8617GE

HSS

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	4,18	4,10	4,24	4,18	4,18	5,26	4,82
Ø	mm	5,5	6	7	8			
Helix length	mm	19	19	23,6	25			
Overall length	mm	66	66	74	79			
8618G	Each	7,92	8,82	7,52	14,50			

Sizes mm 7 and 8 are running out of stock

MILLS FOR SPOT WELDS
8618GE**HSS****Prod. SCU**

Model with crown gear head, reversible, milled and ground Ø 10mm. HSS.
For mechanics, carpenters, tinsmiths, for removing welding points without sheet deformation.
Hex drive 7mm. Interchangeable centering bit.
Overall length 72mm.



8618GE	Each	18,10
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Spare crown gear head for Art. 8618 GE, length 14mm.

O8618GE	Each	9,28
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Spare centering bit for Art. 8618 GE, length 23mm.

O8618GE 1	Each	1,06
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MILLING DRILLS
8618GL**HSS****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	5,16	8,04

TAPER PIN TWIST DRILLS
8619G**HSS****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	55,60	59,50	73,80	73,80	120,00	160,00

Size mm 2,5 is running out of stock

8619GE**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
Helix length	mm	34	48	48	58	68	73	105	145
Overall length	mm	64	86	86	100	112	122	160	207
Drive Ø	mm	2	3,15	3,15	4	5	6,3	8	10
8619GE	Each	70,80	59,60	62,80	62,80	67,60	77,30	90,10	118,00
Rated Ø	mm	10	12						
Helix length	mm	175	210						
Overall length	mm	245	290						
Drive Ø	mm	12,50	16						
8619GE	Each	169,00	240,00						

For conical reamers for plugs see Art. 8954 G and 8968 G.

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	449,00	638,00	927,00

For conical reamers for plugs see Art. 8954 G and Art. 8968 G.



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	6,8*	8*	9,8	10	10,7*	11,75	12	13
Pre-bore min Ø	mm	3,5	4,2	4,2	4,9	5,6	7	7	7,7	8,4	8,4	9,1
Helix length	mm	74	80	80	93	100	116	116	125	134	134	134
Overall length	mm	108	116	116	133	142	162	162	173	184	184	184
8620G	Each	29,80	31,20	26,40	33,10	37,90	43,70	44,10	84,10	58,50	55,60	66,20

Attention: the optimal pre-hole must have a Ø 10% - 20% approx. smaller than the real core drill Ø.

* Sizes running out of stock



Orig. Dürr - Art. 215-21

Product description as Art. 8620G

Helix with additional drain.

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	41,90	43,50	46,70	56,40	65,20	67,60	86,10	82,10	102,00	121,00	132,00	142,00	184,00	186,00	203,00	214,00

Attention: the optimal pre-hole must have a Ø 10% - 20% approx. smaller than the real core drill Ø.



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	71,10	64,30	75,80	91,10	78,60	86,30	80,60	90,10	79,60	106,00	106,00	123,00	117,00	133,00

Attention: the optimal pre-hole must have a Ø 10% - 20% approx. smaller than the real core drill Ø.



8623G

Dürr

HSS

Orig. Dürr - Art. 215-51

Product description as Art. 8622G

Helix with additional drain.



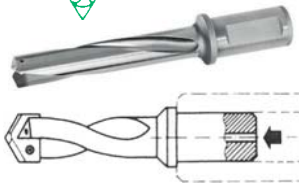
Effective broadening Ø	mm	8	9	10	11	12	13	14	15
Pre-bore min Ø	mm	5,6	6,3	7	7,7	8,4	9,1	9,8	10,5
Helix length	mm	75	81	87	94	101	101	108	114
Overall length	mm	156	162	168	175	182	182	189	212
Drive	C.M.	1	1	1	1	1	1	1	2
8623G	Each	78,90	83,70	83,70	83,70	83,70	93,40	95,10	108,00
Effective broadening Ø	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	115,00	124,00	128,00	140,00	140,00	159,00	161,00	181,00
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	189,00	203,00	211,00	245,00	251,00	272,00	282,00	

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

HARTNER



Orig. Hartner - Art. 86612

SHORT type (for 3xD holes).

Made of steel, forced lubrication through internal cooling channels.

Rear feeding. Spiral flute.

CYLINDRICAL shank. RIGHT-HAND rotation.

With 2 screws.

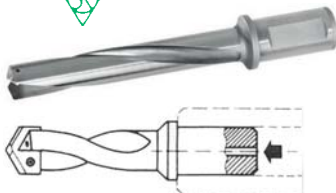
Size		1	2	3	4	5	6	7	8	9	10	11
For plates Ø	mm	10-11,7	11,71-13,4	13,41-16,4	16,41-18,9	18,91-22,4	22,41-25,4	25,41-29	29,01-35	35,01-45	45,01-55	55,01-65
Drive Ø	mm	20	20	20	20	20	20	32	32	32	40	40
Overall length	mm	108	109	116	118	124	127	178	178	223	233	233
Helix length	mm	50	53	60	65	73	78	105	108	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	366,00	366,00	403,00	403,00	440,00	440,00	524,00	524,00	675,00	698,00	742,00

For tool bits see Art. 8630 GT to 8633 G.

MULTIPLEX SHANK HOLDERS, LONG TYPE

8625GL

HARTNER



Orig. Hartner - Art. 86622

LONG type (for 5xD holes).

Made of 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	383,00	383,00	440,00	440,00	440,00	440,00	470,00	557,00	614,00	651,00	698,00

For tool bits see Art. 8630 GT to 8633 G.

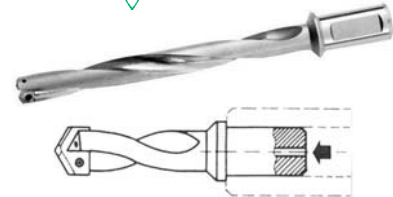
MULTIPLEX SHANK HOLDERS, X-LONG TYPE

Orig. Hartner - Art. 86624

X-LONG type (for 7xD holes).
 Made of 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	420,00	420,00	470,00	470,00	470,00	470,00	544,00	641,00	732,00	832,00	906,00

For tool bits see Art. 8630 GT to 8633 G.

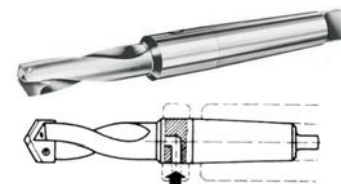
MULTIPLEX SHANK HOLDERS, SHORT TYPE

Orig. Hartner - Art. 86670

SHORT type.
 Made of 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	520,00	551,00	732,00	752,00	832,00	1.030,00	1.250,00	1.440,00

For tool bits see from Art. 8630 GT to 8633 G (Art. 8627 G - 8627 GLxGr. 6-7-8: straight spiral flute).

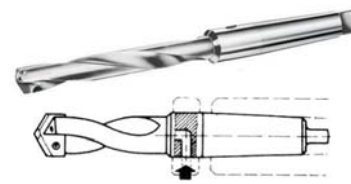
MULTIPLEX SHANK HOLDERS, LONG TYPE

Orig. Hartner - Art. 86680

LONG type.
 Made of 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	557,00	641,00	752,00	822,00	856,00	1.080,00	1.340,00	1.550,00

For tool bits see Art. 8630 GT to 8633 G (Art. 8627 G - 8627 GLxSize 6-7-8: straight spiral flute).

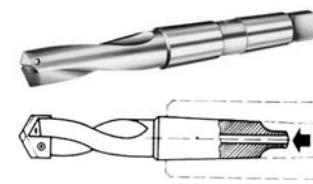
MULTIPLEX SHANK HOLDERS, SHORT TYPE

Orig. Hartner - Art. 86630

SHORT type.
 Made of steel, forced lubrication through internal cooling channels.
 Feeding through aletta di trascinamento. Spiral flute.
 Morse Taper shank. RIGHT-HAND rotation.
 With 2 screws.



8628G



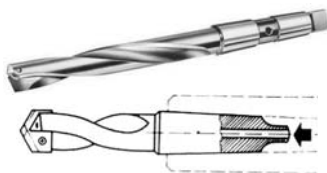
Size		1	2	3	4	5	6
For plates Ø	mm	10-11,7	11,71-13,4	13,41-16,4	16,41-18,9	18,91-22,4	22,41-25,4
Drive	C.M.	2	2	2	2	3	3
Overall length	mm	139	141	148	150	178	181
Helix length	mm	56	58	63	67	76	80
TORX screws size	M.	2x4	2x4	2,5x5	2,5x7	3x6	3x8
For plates thickness	mm	2,5	2,5	3,5	3,5	4	4
8628G	Each	433,00	433,00	484,00	484,00	514,00	514,00

For tool bits see from Art. 8630 GT to 8633 G.



MULTIPLEX SHANK HOLDERS, LONG TYPE

8628GL



Orig. Hartner - Art. 86650

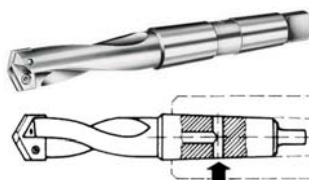
LONG type.
Made of steel, forced lubrication through internal cooling channels.
Feeding through aletta di trascinamento. Spiral flute.
Morse Taper shank. RIGHT-HAND rotation.
With 2 screws.

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	457,00	534,00	534,00	554,00	554,00

For tool bits see from Art. 8630 GT to 8633 G.

MULTIPLEX SHANK HOLDERS, SHORT TYPE

8629G



Orig. Hartner - Art. 86640

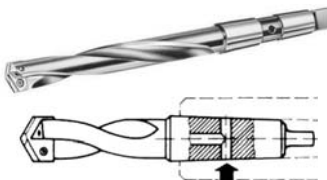
SHORT type.
Made of steel, forced lubrication through internal cooling channels.
Side feeding through the middle part of the Morse taper shank. Spiral flute.
Morse Taper shank. RIGHT-HAND rotation.
With 2 screws.

Size		1	2	3	4	5	6
For plates Ø	mm	9,7-11,7	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
8629G	Each	390,00	390,00	436,00	436,00	463,00	463,00

For tool bits see Art. 8630 GT to 8633 G.

MULTIPLEX SHANK HOLDERS, LONG TYPE

8629GL



Orig. Hartner - Art. 86660

LONG type.
Made of 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
Per placchette spessore	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



HSS-E TIN



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	56,20	56,20	56,20	56,20	56,20	56,20	56,20	56,20	67,10	67,10	67,10	67,10	67,10	67,10	67,10
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	67,10	67,10	67,10	67,10	67,10	67,10	67,10	67,10	67,10	67,10	67,10	78,90	78,90	78,90	78,90
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	78,90	78,90	78,90	78,90	78,90	78,90	78,90	78,90	78,90	78,90	78,90				

Tool bits Art. 8630 GT up to 25mm 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°.



HSS-E FIRE 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	58,70	58,70	58,70	69,70	69,70	69,70	69,70	69,70	69,70	69,70	69,70	69,70	69,70	69,70	69,70
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	69,70	69,70	83,90	83,90	83,90	83,90	83,90	83,90	83,90	83,90	83,90	83,90	83,90		

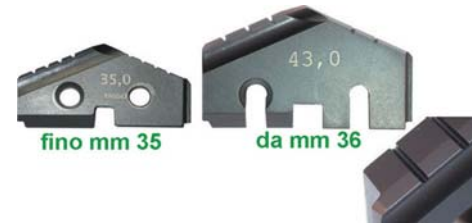
Tool bits Art. 8630 GTF suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP/8628 G/8628 GL/8629 G/8629 GL Size 1 to Size 6.

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.



HSS-E AlTiN 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	106,00	106,00	106,00	106,00	106,00	106,00	106,00	107,00	107,00	107,00	107,00	107,00	107,00	107,00	124,00
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	124,00	124,00	124,00	124,00	124,00	124,00	124,00	124,00	147,00	147,00	147,00	147,00	147,00	147,00	147,00
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	147,00	147,00	147,00	147,00	157,00	157,00	157,00	157,00	157,00	157,00	157,00	157,00	198,00	198,00	198,00
Ø	mm	75	80	82	84	85	88	90	100	102						
Thickness	mm	9	9	9	9	9	9	9	9	9						
8630GV	Each	198,00	231,00	231,00	231,00	231,00	231,00	231,00	267,00	267,00						

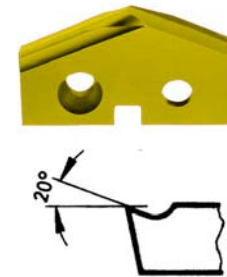
Tool bits Art. 8630 GV 25 to 65mm suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP Size 7 to 11 and Art. 8627 G/8627 GL Size 1 to 5.
 Tool bits Art 8630GV from 68mm to 102mm are suitable for tool bit holder Art. 8627 G/8627 GL from Gr. 6 to Gr.8.
 Size mm 84 is running out of stock

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.



HARTMETALL TIN 8631A



Ø	mm	10	10,5	12	13,5	14,5	15	17	17,5
Thickness	mm	2,5	2,5	2,5	3,5	3,5	3,5	3,5	3,5
8631A	Each	87,30	88,90	88,90	120,00	120,00	120,00	120,00	120,00
Ø	mm	18	18,5	19	20	22	22,5*	23	23,5*
Thickness	mm	3,5	3,5	4	4	4	4	4	4
8631A	Each	120,00	120,00	150,00	150,00	150,00	129,00	150,00	129,00
Ø	mm	24*	25						
Thickness	mm	4	4						
8631A	Each	129,00	150,00						

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.
 * Misure in esaurimento.

8631B

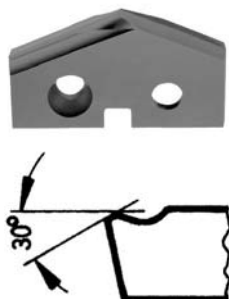


HARTMETALL

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/mmq.



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	24,5
Thickness	mm	4	4	4	4	4	4	4	4
8631B	Each	129,00	129,00	129,00	129,00	129,00	129,00	129,00	129,00
Ø	mm	27	29	30	32	34	35		
Thickness	mm	5	5	5	5	5	5		
8631B	Each	156,00	156,00	166,00	166,00	166,00	166,00		

Tool bits Art. 8631 B up to 25mm 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

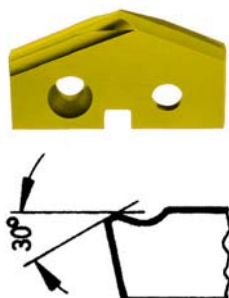


HARTMETALL TIN

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/mmq.



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	88,90	87,30	87,30	77,80	87,30	87,30	87,30
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	88,90	120,00	118,00	116,00	118,00	105,00	120,00	120,00
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	118,00	120,00	105,00	150,00	146,00	146,00	146,00	150,00
Ø	mm	22,5*	23,5	28	29	34			
Thickness	mm	4	4	5	5	5			
8631C	Each	146,00	150,00	177,00	190,00	244,00			

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 Size 1 to Size 6.
Tool bits Art. 8631 C a from 28 to 34mm suitable for tool bit holders Art. 8625 G/8625 GL/8625 GP Size 7-8, Art. 8627 G/8627 GL Size 1-2.
* Sizes running out of stock

8631G

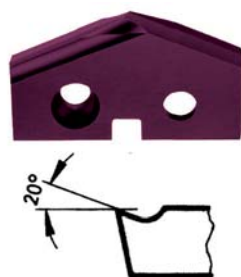


HARTMETALL FIRE

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	94,10	94,10	94,10	94,10	94,10	94,10	125,00	125,00
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	125,00	125,00	125,00	125,00	125,00	125,00	125,00	125,00
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	125,00	156,00	156,00	156,00	156,00	156,00	156,00	156,00
Ø	mm	23	24	25	26	27	28	29	30
Thickness	mm	4	4	4	5	5	5	5	5
8631G	Each	156,00	156,00	156,00	188,00	188,00	188,00	188,00	200,00
Ø	mm	31	32	33	34	35			
Thickness	mm	5	5	5	5	5			
8631G	Each	200,00	200,00	200,00	200,00	200,00			

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 1-2.

Orig. Hartner - Art. 86702

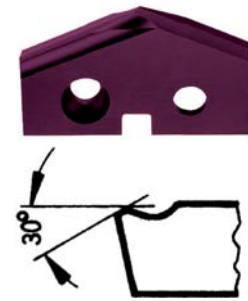
Product description as Art. 8631G

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	94,10	94,10	94,10	94,10	94,10	94,10	125,00	125,00
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	125,00	125,00	125,00	125,00	125,00	125,00	125,00	125,00
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	156,00	156,00	156,00	156,00	156,00	156,00	156,00	156,00
Ø	mm	25	26	27	28	29	30	33	34
Thickness	mm	4	5	5	5	5	5	5	5
8633G	Each	156,00	188,00	188,00	188,00	188,00	200,00	200,00	200,00
Ø	mm	35							
Thickness	mm	5							
8633G	Each	200,00							



8633G



HARTMETALL FIRE

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

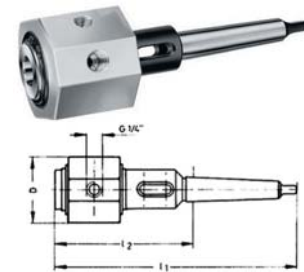
Made of steel, very high precision, for max hole centring.
 Suitable for tool bit holder Art. 8629G/8629 GL and drills Art. 8526 G.
 Max use pressure 16 bars.

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	on request

Product running out of stock



8637GA



CHUCKS WITH EXTERNAL SHANK DIN 2080A AND INTERNAL MORSE TAPER SHANK

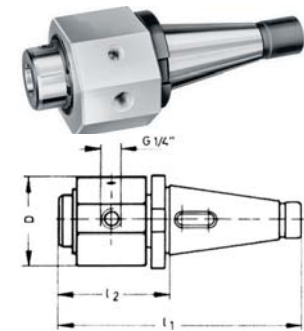
Made of steel, very high precision, for max hole centring.
 Suitable for tool bit holder Art. 8629G/8629 GL and drills Art. 8526 G.
 Max use pressure 16 bars.

Ext SK cone / int. C.M.		50/2
Overall length (l1)	mm	258
Length without SK (l2)	mm	146
Ø (D)	mm	112
8637GE	Each	on request

Product running out of stock



8637GE



CHUCKS WITH EXTERNAL CONICAL SHANK AND INTERNAL CYLINDRICAL SHANK

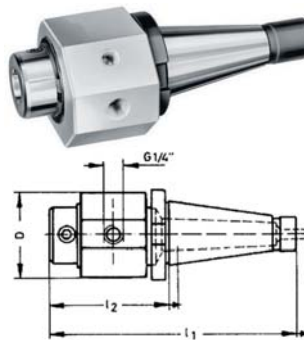
Made of steel, very high precision, for max hole centring.
 Suitable for tool bit holder Art. 8625 G/8625 GL/8625 GP Size 1 to 6.
 Max use pressure 16 bars.

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	on request

Other types of chucks for liquid coolant adduction.
 Product running out of stock



8637GM





8638GB



Orig. Hartner - Art. 86690-63,5

COOLANT RINGS

Made of steel. Lubricant hole 1/4 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 **752,00**

**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 **99,10**

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 **257,00**

**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 **27,90**

Orig. Hartner - Art. 82571-20,96

External threads 1/2 G. Suitable for rings Art. 8638 GB. Length 200mm.

8638GM Each **28,90**

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	4,04	4,12	4,12	4,44	4,44	4,62	5,20	5,46

STUB DRILLS, RIGHT HAND CUTTING

8642G



Prod. SCU

DIN 1897. Rolled type. HSS
EXTRA-SHORT pattern. For automatic machines.
Cylindrical shank.



Ø	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	0,40	0,46	0,46	0,40	0,34	0,40	0,40	0,46	0,46	0,52	0,52	0,70
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	0,58	0,80	0,76	0,92	0,80	0,98	1,26	1,38	1,56	1,72	2,08	2,18	2,52		

Up to Ø 10mm in 10pcs packing units.
Sizes mm 11 - 1,2 and 1,5 are running out of stock

DIN 338. Rolled type. HSS.
SHORT pattern. Cylindrical shank.



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	34	36	38	38	38	40	40	43	43	46	46	46	49	49	53
Helix length	mm	12	14	16	16	16	18	18	20	20	22	22	22	24	24	27
8648G	Each	0,64	0,64	0,64	0,24	0,62	0,60	0,58	0,54	0,54	0,58	0,48	0,48	0,44	0,48	0,52
Ø	mm	2,25	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
Overall length	mm	53	53	57	57	57	61	61	61	61	61	65	65	65	65	70
Helix length	mm	27	27	30	30	30	33	33	33	33	33	36	36	36	36	39
8648G	Each	0,24	0,52	0,52	0,54	0,54	0,54	0,24	0,54	0,54	0,46	0,58	0,58	0,24	0,58	0,58
Ø	mm	3,5	3,6	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
Overall length	mm	70	70	70	70	75	75	75	75	75	75	80	80	80	80	80
Helix length	mm	39	39	39	39	43	43	43	43	43	43	47	47	47	47	47
8648G	Each	0,52	0,62	0,62	0,30	0,64	0,70	0,54	0,74	0,64	0,34	0,76	0,76	0,70	0,76	0,76
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
Overall length	mm	86	86	86	86	86	86	93	93	93	93	93	93	93	101	101
Helix length	mm	52	52	52	52	52	52	57	57	57	57	57	57	57	63	63
8648G	Each	0,76	0,78	0,64	0,80	0,80	0,80	0,92	0,90	0,94	0,94	0,98	1,00	0,90	1,12	1,12
Ø	mm	6,3	6,4	6,5	6,6	6,7	6,75	6,8	6,9	7	7,1	7,2	7,25	7,3	7,4	7,5
Overall length	mm	101	101	101	101	101	109	109	109	109	109	109	109	109	109	109
Helix length	mm	63	63	63	63	63	69	69	69	69	69	69	69	69	69	69
8648G	Each	1,16	1,20	1,16	0,76	0,76	0,76	1,50	1,50	1,38	1,52	1,54	0,86	1,54	1,60	1,50
Ø	mm	7,6	7,7	7,75	7,8	7,9	8	8,1	8,2	8,25	8,3	8,4	8,5	8,6	8,7	8,8
Overall length	mm	117	117	117	117	117	117	117	117	117	117	117	117	125	125	125
Helix length	mm	75	75	75	75	75	75	75	75	75	75	75	75	81	81	81
8648G	Each	1,70	1,70	0,98	1,70	1,74	1,50	1,86	1,90	1,10	2,06	2,06	1,96	2,26	2,26	2,30
Ø	mm	8,9	9	9,1	9,2	9,3	9,4	9,5	9,6	9,7	9,75	9,8	9,9	10	10,2	10,5
Overall length	mm	125	125	125	125	125	125	125	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
8648G	Each	2,42	2,18	2,42	2,42	2,42	2,42	2,42	2,72	2,72	1,56	2,96	2,96	2,60	3,20	3,34
Ø	mm	11	11,5	12	12,5	13	14	15								
Overall length	mm	142	142	151	151	151	160	169								
Helix length	mm	94	94	101	101	101	108	114								
8648G	Each	3,86	4,20	4,60	5,34	5,76	7,36	8,64								

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 to 5,9

Quantity of tips 50

Progression mm 0.1

8648GA Each **65,70**



Product description as Art. 8648GA

With tips by mm 1 to 10

Quantity of tips 19

Progression mm 0.5

8648GB Each **39,50**



8648GC



Product description as Art. 8648GA
 With tips by mm 1 to 13
 Quantity of tips 25
 Progression mm 0.5
8648GC Each **90,90**

HSS

8648GD



Product description as Art. 8648GA
 With tips by mm 6 to 10
 Quantity of tips 41
 Progression mm 0.1
8648GD Each **140,00**

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
Overall length	mm	34	36	38	38	40	40	43	43	46	46	49	49	53	53
Helix length	mm	12	14	16	16	18	18	20	20	22	22	24	24	27	27
8648GF	Each	0,34	0,34	0,34	0,34	0,34	0,34	0,34	0,34	0,34	0,34	0,34	0,34	0,34	0,34
Ø	mm	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	57	57	57	61	61	61	61	65	65	65	70	70	70	70
Helix length	mm	30	30	30	33	33	33	33	36	36	36	39	39	39	39
8648GF	Each	0,34	0,34	0,34	0,34	0,34	0,46	0,46	0,58	0,58	0,58	0,58	0,58	0,70	0,70
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
Overall length	mm	75	75	75	75	75	80	80	80	80	80	86	86	86	86
Helix length	mm	43	43	43	43	43	47	47	47	47	47	52	52	52	52
8648GF	Each	0,70	0,70	0,70	0,80	0,80	0,80	0,80	0,80	0,92	0,92	0,92	0,92	0,92	1,04
Ø	mm	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
Overall length	mm	86	86	93	93	93	93	93	93	93	101	101	101	101	101
Helix length	mm	52	52	57	57	57	57	57	57	57	63	63	63	63	63
8648GF	Each	1,04	1,04	1,04	1,04	1,16	1,16	1,16	1,16	1,16	1,26	1,26	1,26	1,26	1,26
Ø	mm	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
Overall length	mm	101	101	109	109	109	109	109	109	109	109	117	117	117	117
Helix length	mm	63	63	69	69	69	69	69	69	69	69	75	75	75	75
8648GF	Each	1,50	1,50	1,50	1,50	1,50	1,72	1,72	1,72	1,72	1,72	1,96	1,96	1,96	1,96
Ø	mm	8	8,1	8,2	8,3	8,4	8,5	8,6	8,7	8,8	8,9	9	9,1	9,2	9,3
Overall length	mm	117	117	117	117	117	117	125	125	125	125	125	125	125	125
Helix length	mm	75	75	75	75	75	75	81	81	81	81	81	81	81	81
8648GF	Each	1,96	2,18	2,18	2,18	2,18	2,18	2,52	2,52	2,52	2,52	2,52	2,76	2,76	2,76
Ø	mm	9,4	9,5	9,6	9,7	9,8	9,9	10	10,2	10,5	11	11,5	12	12,5	13
Overall length	mm	125	125	133	133	133	133	133	133	133	142	142	151	151	151
Helix length	mm	81	81	87	87	87	87	87	87	87	94	94	101	101	101
8648GF	Each	2,76	2,76	3,10	3,10	3,10	3,10	3,10	3,34	3,34	4,02	4,48	4,94	5,28	5,74
Ø	mm	13,5	14	14,5	15	15,5	16								
Overall length	mm	160	160	169	169	178	178								
Helix length	mm	108	108	114	114	120	120								
8648GF	Each	8,16	8,62	9,64	10,10	11,40	11,90								

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 steel 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
Each		34,20	64,10



STUB DRILLS, RIGHT HAND CUTTING

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 tang.

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	3,44	3,68	3,90	4,26	4,48	4,82	5,40
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	5,74	6,32	6,54	7,00	7,70	8,26	8,50
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	9,08	9,64	10,40	10,70	11,50	11,70	



DIN 338. Milled, ground High-Speed Steel. 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	10,80	11,50	12,20	12,90	14,30	14,30	15,10
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	16,60	18,90	21,10	22,80	25,70	27,70	31,10
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	31,70	31,70	32,60	32,60	33,10	37,10	



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	0,46	0,46	0,46	0,46	0,46	0,46	0,58	0,58	0,58	0,58	0,58	0,70	0,70	0,70	0,70
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	0,70	0,80	0,80	0,80	0,80	0,80	1,04	1,04	1,04	1,04	1,04	1,38	1,38	1,38	1,38
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	1,38	1,50	1,50	1,62	1,62	1,62	1,84	1,84	1,84	1,96	1,96	2,30	2,30	2,30	2,30
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	2,30	2,64	2,64	2,64	2,64	2,64	2,98	2,98	2,98	3,10	3,10	3,80	3,80	3,80	3,80



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	3,80	4,36	4,36	4,36	4,36	4,36	5,06	5,06	5,06	5,06	5,06	5,52	5,52	5,52	5,52
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	5,52	6,54	6,54	6,54	6,54	6,54	7,24	7,24	7,24	7,24	7,24	8,26	8,26	8,26	8,26
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	8,26	9,18	9,18	10,60	11,50	13,10	14,20	15,20	15,10	15,10	16,20	17,40	19,10	21,20	

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.....	8651GB	8651GC
With tips by	mm 1 to 10	1 to 13
Quantity of tips	19	25
Progression	mm 0.5	0.5
Each	68,30	147,00

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	1,44	1,44	1,44	1,44	1,44	1,44	1,44	1,44	1,44	1,44	1,44	1,52	1,52	1,52	1,52
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	1,52	1,56	1,56	1,56	1,56	1,56	1,90	1,90	1,90	1,90	1,90	2,68	2,68	2,68	2,68
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	2,68	3,18	3,18	3,18	3,18	3,18	4,12	4,12	4,12	4,12	4,12	4,44	4,44	4,44	4,44
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	4,44	5,32	5,32	5,32	5,32	5,32	5,78	5,78	5,78	5,78	5,78	7,08	7,08	7,08	7,08
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	7,08	7,46	7,46	7,46	7,46	7,46	9,16	9,16	9,16	9,16	9,16	9,26	9,26	9,26	9,26
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	9,26	11,90	11,90	11,90	11,90	11,90	13,10	13,10	13,10	13,10	13,10	14,60	14,60	14,60	14,60
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	14,60	16,60	16,60	19,10	21,10	22,30	25,20	26,60	30,40	32,20	36,20	38,30	42,60	45,10	

Up to Ø 10 mm in packs of 10 pieces.

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
Each	109,00	245,00

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	0,46	0,70	0,58	0,80	0,70	0,92	0,80	1,26	1,04	1,38	1,38	1,96	1,62	2,08	1,78	2,18
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	1,84	2,08	2,18	2,30	2,76	2,88	3,10	3,44	4,02	4,48	5,28	5,86	6,54	7,00	7,58	

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	6,96	7,90	7,76	8,52	7,90	8,18	8,38	9,76	8,72	9,28	9,76	10,80	10,00	10,30	11,20
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	11,70	11,70	13,10	13,60	13,80	14,80	15,70	15,70	17,90	16,90	17,40	18,60	21,90	20,70	22,40
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	25,30	24,80	25,70	26,70	28,10	29,50	32,40	31,40	32,40	32,90	35,30	44,30	38,60	39,10	38,60
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	47,60	46,20	51,90	48,60	54,80	51,90	57,60	59,50	65,70	60,90	69,50	65,20	71,90	70,10	80,50
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	75,20	90,40	81,40	102,00	85,70	106,00	92,30	111,00	99,10	117,00	106,00	120,00	111,00	126,00	118,00
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	134,00	120,00	149,00	128,00	153,00	132,00	158,00	138,00	163,00	141,00	171,00	185,00	194,00	199,00	202,00
Ø mm	56	57	58	59	60	75	80								
Drive C.M.	5	5	5	5	5	5	6								
Overall length mm	417	422	422	422	422	442	514								
Helix length mm	230	235	235	235	235	255	260								
8656G Each	235,00	243,00	234,00	252,00	253,00	514,00	540,00								

Sizes mm 75 and 80 are 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 135°.

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	1,58	1,58	1,78	2,18	2,38	3,16	5,14
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	6,52	12,90	25,30	62,10			

DRILL BITS WITH EXAGONAL SHANK 1/4

8665

VÖLKEL
THREADING SOLUTIONS



HSSG

1/4"

Orig. Völkel - Art. 671

Short type, 1/4 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	4,42	4,42	4,42	4,42	4,42	4,42	4,42	4,42
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	4,42	4,42	4,42	4,56	4,56	4,56	4,56	4,56
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	5,34	5,34	6,12	6,12	6,92	6,92	6,92	

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	79,80
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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	57	70	80	95	110	110
Helix length	mm	12	25	32	40	50	55
8665E	Each	1,40	1,40	1,52	1,94	2,48	3,24

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	36,30
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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 450,00



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 type, column type, for conical cylindric tip drive, 5 to 40mm. It allows to sharpen or make the cutting angle, the rake angle and to thin the core tip. Cutting edges sharpening angle 118°.

Rake angle from 0° to 15°. Tri-phase motor 380 V, 50 Hz, HP 0.9, 2800 r.p.m., weight 60kg. Supplied with 1 grinding wheel made of white corindon of which 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.

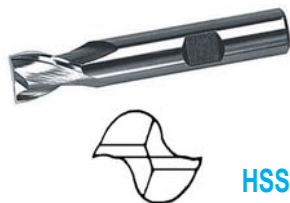
8690 Each 5.310,00



END MILLS

8732

SCU



HSS-E-8%

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%

Ø	mm	2	2,5	3	3,5	4	4,5	5	5,5
Overall length	mm	48	48	49	49	51	51	52	52
Cutting edge length	mm	4	4	5	5	7	7	8	8
Drive Ø	mm	6	6	6	6	6	6	6	6
8732	Each	11,90	11,90	11,90	11,90	11,90	11,90	11,90	11,90
Ø	mm	6	6,5	7	7,5	8	8,5	9	9,5
Overall length	mm	52	60	60	60	61	61	61	61
Cutting edge length	mm	8	10	10	10	11	11	11	11
Drive Ø	mm	6	10	10	10	10	10	10	10
8732	Each	11,90	17,10	17,10	17,10	17,10	17,10	17,10	17,10
Ø	mm	10	11	12	13	14	15	16	17
Overall length	mm	63	70	73	73	73	73	79	79
Cutting edge length	mm	13	13	16	16	16	16	16	19
Drive Ø	mm	10	12	12	12	12	12	16	16
8732	Each	17,10	22,70	22,70	25,10	25,10	29,20	30,70	37,90
Ø	mm	18	19	20	22	25	30		
Overall length	mm	79	79	88	88	102	102		
Cutting edge length	mm	19	19	22	22	26	26		
Drive Ø	mm	16	16	20	20	25	25		
8732	Each	37,90	45,10	45,10	50,40	72,40	123,00		

8734

SCU



TiAlN

HSS-E-8%

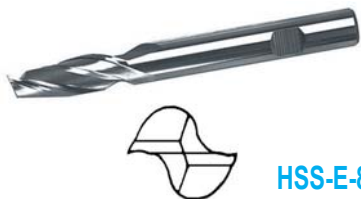
Product description as Art. 8732

HSS-E COBALT 8%, TiAlN coating.

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	13,50	13,50	13,50	19,40	19,40	25,70	36,60
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	44,20	54,20	68,80				

8737

SCU



HSS-E-8%

Two-flute end mills. Long series. 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	8	11	13	13	19	22	26
Drive Ø	mm	6	6	6	6	10	10	12
8737	Each	15,40	15,40	15,40	15,40	21,50	21,50	28,70
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	32,80	40,10	49,60	58,90			

8738

SCU



HSS-E-8%

Two-flute, ball nose end mills. Short series. ISO 1641/1.

Weldon shank. Cutting tolerance e8.

HSS-E COBALT 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	17,70	17,70	17,70	17,70	22,50	22,50	22,50	22,50
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	29,20	29,20	33,10	33,10	37,10	38,30	47,30	54,10

Product description as Art. 8738
HSS-E COBALT 8%, TiAlN coating.

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	20,20	20,20	20,20	25,60	25,60	33,50	45,40
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	52,70	63,90	74,70				

SCU

8738E



HSS-E-8%



TiAlN

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	21,90	21,90	21,90	21,90	28,10	28,10	36,80
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	42,50	49,80	61,40	70,90			

SCU

8739



HSS-E-8%



Three-flute end mills. Short series. DIN 844 A-UNI 8244 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	14,10	14,10	14,10	14,10	18,80	18,80	18,80
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	18,80	25,10	25,10	30,10	27,50	32,00	33,60
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	41,60	49,70	55,30				

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	21,80	21,80	21,80	31,10	31,90	40,40	44,70
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	53,20	65,50	82,90				

SCU

8743



HSS-E-8%



TiAlN

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	18,10	18,10	18,10	18,10	25,30	25,30	33,70
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	38,50	47,10	58,30	69,50			

SCU

8746



HSS-E-8%



8747 
**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	18,30	24,40	28,10	34,20	42,70	53,70
	8747	Each	69,50					

8748 
**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	52,50	52,50	58,60	74,40	85,40
	8748	Each	91,50					
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	92,70	114,00	144,00			

Size mm 10 is running out of stock

8748E 
**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	59,80	59,80	67,10	84,10
	8748E	Each	96,30					
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	105,00	107,00	131,00	167,00		

Sizes mm 10 and 12 are running out of stock

8749 
**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	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
	8749	Each	17,90	65,90	65,90	67,10	85,40	91,50
	8749	Each	104,00					
Ø	mm	25	30	32				
Overall length	mm	147	147	178				
Cutting edge length	mm	45	45	53				
Drive	C.M.	3	3	4				
	8749	Each	105,00	132,00	176,00			

Size mm 14 is running out of stock

8749F 
**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	74,40	74,40	75,60	96,30	104,00	120,00
	8749F	Each	121,00					
Ø	mm	30	32					
Overall length	mm	147	178					
Cutting edge length	mm	45	53					
Drive	C.M.	3	4					
	8749F	Each	152,00	202,00				

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%

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	14,10	14,10	14,10	14,10	18,80	18,80	18,80	18,80
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	26,30	26,30	28,90	28,90	33,50	33,60	35,40	43,70
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	43,50	51,90	57,90	83,20	92,70	97,40		

SCU

8751



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%, 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
8751E	Each	15,90	15,90	15,90	21,50	21,50	30,10	41,60
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	49,50	61,10	76,60				

SCU

8751E



TiAlN

HSS-E-8%

Four-flute end mills. Long series. UNI 8245 A-ISO 1641/1.

Weldon shank. Cutting tolerance J14.

HSS-E COBALT 8%

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	18,10	18,10	18,10	18,10	25,30	25,30	25,30
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	25,30	35,50	35,50	40,50	40,50	46,80	49,50
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	61,10	61,10	72,60	72,90	81,10		

SCU

8753



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%

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	52,50	52,50	52,50	56,10	59,80	76,80	82,90
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	85,40	119,00	142,00				

SCU

8755



HSS-E-5%

Size Ø 32mm has no cutting edge in the middle.

Prices in EUROS - VAT not included

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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	59,80	59,80	59,80	62,20	75,60	96,30	107,00
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	108,00	144,00	177,00				

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	74,40	75,60	78,10	104,00	113,00	119,00	119,00
Ø	mm	30	32					
Overall length	mm	192	231					
Cutting edge length	mm	90	106					
Drive	C.M.	3	4					
8757	Each	155,00	205,00					

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	25	30
Overall length	mm	83	92	104	121	121
Cutting edge length	mm	26	32	38	45	45
Drive Ø	mm	12	16	20	25	25
8758A	Each	50,10	74,40	104,00	150,00	213,00

8758E

SCU



TiAIN

HSS-E-8%

Product description as Art. 8758A HSS-E COBALT 8%, TiAIN coating.

Ø	mm	12	16	20	25	30
Overall length	mm	83	92	104	121	121
Cutting edge length	mm	26	32	38	45	45
Drive Ø	mm	12	16	20	25	25
8758E	Each	74,40	108,00	152,00	224,00	311,00

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 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

SCU

8758L



TiAlN



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. Short 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	25	30	35
Overall length	mm	147	147	178
Cutting edge length	mm	45	45	53
Drive	C.M.	3	3	4
8758R	Each	85,10	117,00	187,00

Product running out of stock

SCU

8758R



TiCN



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. 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	30
Overall length	mm	148	192
Cutting edge length	mm	63	90
Drive	C.M.	2	3
8758T	Each	69,10	163,00

Product running out of stock

SCU

8758T



TiCN



HSS-E-8%

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	9,18	9,18	9,18	9,76	10,20	16,80

SCU

8759



HSS-E-5%

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	12	16	16
8761	Each	38,10	38,10	42,30	53,70	60,40	60,40	63,40

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	72,90	108,00	122,00	159,00

When the stocks will be run out, Ø 15 mm will have the connection Ø 16 mm.

SCU

8761



HSS-E-8%

Product description as Art. 8763

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	41,30	46,10	68,20	76,10	81,40	98,80

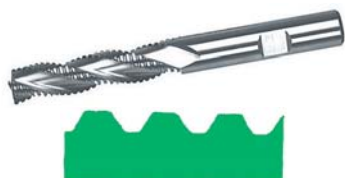
SCU

8761E



TiAlN

HSS-E-8%

8762E**SCU****HSS-E-8%**

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	49,80	49,80	57,60	80,60	89,10	84,40	96,10

Ø	mm	20	22
Overall length	mm	141	151
Cutting edge length	mm	75	75
Drive Ø	mm	20	20
8762E	Each	106,00	146,00

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%

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	70,70	78,10	85,40	102,00	113,00	126,00	139,00

Ø	mm	30	32
Overall length	mm	147	178
Cutting edge length	mm	45	53
Drive	C.M.	3	4
8763	Each	159,00	196,00

8764**SCU****HSS-E-8%**

Product description as Art. 8763

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
8764	Each	82,90	91,50	102,00	116,00	130,00	141,00	155,00

Ø	mm	30	32
Overall length	mm	147	178
Cutting edge length	mm	45	53
Drive	C.M.	3	4
8764	Each	171,00	225,00

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%

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	29,80	31,70	31,70	35,40	44,90	47,90	50,10

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	52,80	60,80	76,60	92,50	138,00

When the stocks will be run out, Ø 15 mm will have the connection Ø 16 mm.

8766E**SCU****TiAlN****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%, 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
8766E	Each	36,20	40,40	59,80	66,60	71,40	86,70

13

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%

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	41,60	41,70	47,90	67,20	70,30	70,40	79,90

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	87,90	122,00	135,00

When the stocks will be run out, Ø 15 mm will have the connection Ø 16 mm.

SCU

8768



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	30	32
Overall length	mm	117	117	123	140	147	147	147	147	178
Cutting edge length	mm	32	32	38	38	45	45	45	45	53
Drive	C.M.	2	2	2	3	3	3	3	3	4
8770	Each	70,70	78,10	85,40	102,00	113,00	126,00	139,00	159,00	196,00

SCU

8770



Product description as Art. 8770

HSS-E COBALT 8%

Ø	mm	16	18	20	22	24	26	28	30	32
Overall length	mm	117	117	123	140	147	147	147	147	178
Cutting edge length	mm	32	32	38	38	45	45	45	45	53
Drive	C.M.	2	2	2	3	3	3	3	3	4
8771	Each	82,90	91,50	102,00	116,00	130,00	141,00	155,00	171,00	225,00

SCU

8771



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	34,80	38,80	49,30	53,10	55,30	58,10	66,80	84,30

When the stocks will be run out, Ø 15 mm will have the connection Ø 16 mm.

SCU

8775



Reinforced helical teeth. N type. DIN 1880 – UNI 3903 – ISO 2586.

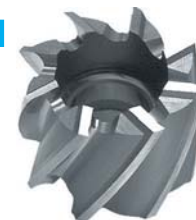
HSS-E COBALT 5%.

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	Nr	8	8	8	10
8779	Each	107,00	137,00	188,00	323,00

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	Nr	6	6	8	8	8	10
8781	Each	108,00	116,00	141,00	211,00	284,00	516,00

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	Nr	6	8	8	8
8782F	Each	139,00	166,00	221,00	353,00

8782S 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	30	35	40	50	60	75
Thickness	mm	30	35	40	50	60	75
Bore Ø	mm	13	16	16	22	27	27
Teeth	Nr	6	6	6	6	8	8
8782S	Each	128,00	155,00	193,00	292,00	392,00	655,00

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	Nr	6	8	8	8
8783	Each	139,00	166,00	221,00	353,00

8785 SCU



HSS-E-5%

Shell-mills, helical teeth, for ROUGHING. DIN 841.

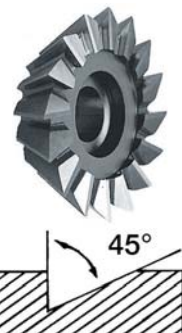
HSS-E COBALT 5%.

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	Nr	6	6	6	6	8	8
8785	Each	128,00	155,00	193,00	292,00	392,00	655,00

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	Nr	14	16	16	18
8788A	Each	133,00	153,00	193,00	284,00

Product description as Art. 8788A

60° angle.

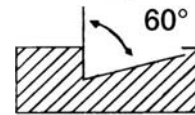
Ø	mm	40	50	63	80
Thickness	mm	13	16	20	25
Bore Ø	mm	10	13	16	22
Teeth	Nr	14	16	16	18
8788E	Each	133,00	153,00	193,00	284,00

SCU



8788E

HSS-E-5%



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	Nr	16	16	20	20
8790A	Each	131,00	163,00	233,00	337,00

SCU



8790A

HSS-E-5%



Product description as Art. 8790A

60° angle.

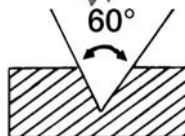
Ø	mm	50	63	80	100
Thickness	mm	10	14	18	25
Bore Ø	mm	16	22	27	32
Teeth	Nr	16	16	18	20
8790E	Each	131,00	163,00	233,00	337,00

SCU



8790E

HSS-E-5%



Product description as Art. 8790A

90° angle.

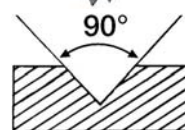
Ø	mm	50	63	80	100
Thickness	mm	14	20	22	32
Bore Ø	mm	16	22	27	32
Teeth	Nr	16	16	18	20
8790L	Each	131,00	163,00	233,00	337,00

SCU



8790L

HSS-E-5%



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
Denti	Nr	14	14	14	14	12	12	10
8791A	Each	125,00	125,00	125,00	125,00	142,00	169,00	188,00
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
Denti	Nr	10	10	10	10	10	10	10
8791A	Each	252,00	387,00	487,00	738,00	889,00	1.230,00	1.600,00

SCU



8791A

HSS-E-5%

CONVEX RADIUS CUTTERS

8791E SCU



HSS-E-5%

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
Denti	Nr	16	16	16	12	12	12	12
8791E	Each	102,00	102,00	102,00	105,00	105,00	130,00	138,00
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
Denti	Nr	12	12	12	12	12	12	12
8791E	Each	170,00	231,00	344,00	494,00	686,00	852,00	1.100,00

SIDE AND FACE MILLING CUTTERS

8792 SCU



HSS-E-5%

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	Nr	14	14	14	14	16	16	16
8792	Each	97,60	84,10	84,10	84,10	121,00	96,30	96,30
Ø and thickness	mm	63x6	63x8	63x10	80x3	80x4	80x5	80x6
Bore Ø	mm	22	22	22	22	22	22	22
Teeth	Nr	16	16	16	18	18	18	18
8792	Each	96,30	100,10	111,00	143,00	119,00	113,00	113,00
Ø and thickness	mm	80x8	80x10	100x3	100x4	100x5	100x6	100x8
Bore Ø	mm	22	22	27	27	27	27	27
Teeth	Nr	18	18	20	20	20	20	20
8792	Each	125,00	138,00	198,00	163,00	155,00	155,00	174,00
Ø and thickness	mm	100x10	100x12	125x4	125x5	125x6	125x8	125x10
Bore Ø	mm	27	27	32	32	32	32	32
Teeth	Nr	20	20	26	22	22	22	22
8792	Each	181,00	203,00	243,00	232,00	222,00	226,00	255,00
Ø and thickness	mm	125x12	160x6	160x8	160x10	160x12		
Bore Ø	mm	32	32	32	32	32		
Teeth	Nr	22	26	26	26	26		
8792	Each	266,00	320,00	342,00	367,00	395,00		

T-SLOT CUTTERS, STRAIGHT SHANK

8793 SCU



HSS-E-5%

Prod. SCU

Helical alternate teeth. N type. DIN 851 A – UNI 7339 A – ISO 3337. HSS-E 5% CO.
Welded 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	Nr	6	6	6	6	6	6	8
8793	Each	59,80	74,40	78,10	87,80	104,00	121,00	132,00

WOODRUFF KEYSSET MILLING CUTTERS STRAIGHT SHANK

8794 SCU



HSS-E-5%

Prod. SCU

helical alternate teeth. D type. DIN 850 B – UNI 8263.
HSS-E 5% CO. Welded 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	Nr	8	8	8	8	8	8	8
8794	Each	40,30	40,30	40,30	43,90	43,90	43,90	52,50
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	Nr	8	8	8	8	8	10	10
8794	Each	52,50	52,50	61,10	61,10	61,10	67,10	67,10
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	Nr	10	10	10	10			
8794	Each	67,10	78,10	78,10	78,10			

Prices in EURO - VAT not included

DIVERGENT ANGLE CUTTERS

Prod. SCU

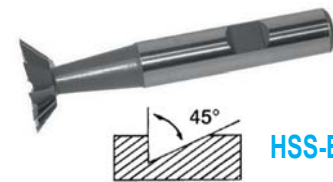
Divergent taper. DIN 1833 A – UNI 3911 A. HSS-E 5% CO.
Weldon shank. Cutting tolerance J16.

45° angle.

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	Nr	6	6	8	10
8794D	Each	50,10	69,50	78,10	93,90

SCU

8794D



HSS-E-5%

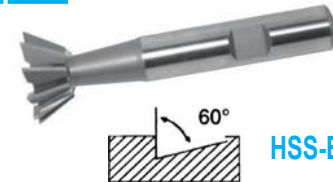
Product description as Art. 8794D

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	Nr	6	6	8	10
8794E	Each	50,10	69,50	78,10	93,90

SCU

8794E



HSS-E-5%

CONVERGENT ANGLE CUTTERS

Prod. SCU

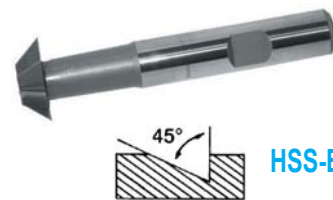
Convergent taper. DIN 1833 B – UNI 3911 B. HSS-E 5% CO.
Weldon shank. Cutting tolerance J16.

45° angle.

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	Nr	6	6	8	10
8794L	Each	50,10	69,50	78,10	93,90

SCU

8794L



HSS-E-5%

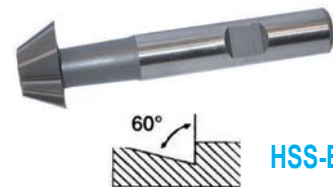
Product description as Art. 8794L

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	Nr	6	6	8	10
8794M	Each	50,10	69,50	78,10	93,90

SCU

8794M



HSS-E-5%

RADIUS MILLING CUTTERS

Prod. SCU

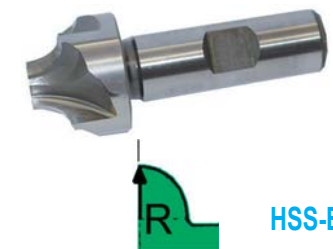
Concave radius. HSS-E 5% CO.
Weldon shank. Cutting tolerance h11.

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	Nr	4	4	4	4	4	4	4
8794R	Each	63,40	63,40	63,40	63,40	63,40	72,10	82,90

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	Nr	4	4	5	5	5	5	6
8794R	Each	91,50	108,00	135,00	170,00	248,00	361,00	603,00

SCU

8794R



HSS-E-5%

TUNGSTEN CARBIDE SOLID END MILLS WITH FIRE COATING

8794TA



HARTMETALL TiAIN

Orig. Hartner - Art. 84921

In micro-grain carbide, with high performance.
With special TiAIN 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	32,30	37,50	47,20	55,50	83,90

8794TB



HARTMETALL TiAIN

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	40,10	49,10	59,40	87,80

8794TE



HARTMETALL TiAIN

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	31,10	36,20	45,20	53,60	80,10

8794TF



HARTMETALL TiAIN

Orig. Hartner - Art. 84924

Product description as Art. 8794TA

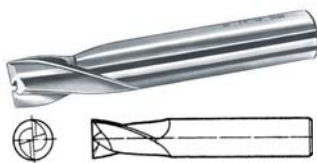
Type with 4 cutting edges 90 °. Cutting right. Cylindrical shank DIN 6535HB.

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	38,10	47,20	57,50	82,60

Available on request cutters for edges with sharp at 120 °.

SOLID CARBIDE END MILLS

8795



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	15,20	13,50	11,90	13,50	15,90	17,10	17,10
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	20,20	21,10	28,80	32,40	45,10	51,10	49,70
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	71,90	79,10	97,10	128,00	139,00	187,00	234,00

Size mm 9,5 is running out of stock

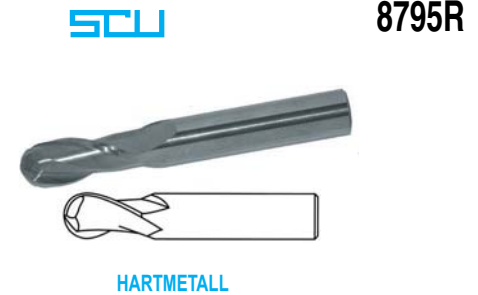
Short series. Micrograin solid carbide.
30° two flutes. Right-hand cutting.
Central tang drive. Cylindrical shank. For slots, splines, etc.

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	16,50	19,80	27,10	38,10	55,80	79,10	105,00
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	133,00	169,00	299,00	353,00			



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	18,20	14,20	18,40	20,10	24,90	38,10	58,90
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	87,40	114,00	166,00	225,00	284,00		



Short series. Micrograin solid carbide.
30° two 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	15,20	13,50	11,90	13,50	15,90	17,10	17,10
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	20,20	21,10	28,80	32,40	45,10	49,70	71,90
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	79,10	97,10	128,00	139,00	187,00	234,00	



Long series. Micrograin solid carbide.
30° two flutes. Right-hand cutting.
Central tang drive. Cylindrical shank. For slots, splines and for cutting out.

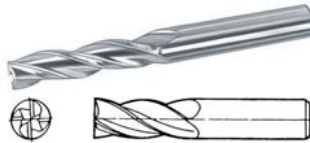
Ø	mm	3	4	5	6	8	10	12
Overall length	mm	60	60	70	100	100	100	100
Cutting edge length	mm	30	30	35	40	40	45	45
Drive Ø	mm	3	4	5	6	8	10	12
8796L	Each	16,50	19,80	27,10	38,10	55,80	79,10	105,00
Ø	mm	14	16	18	20			
Overall length	mm	100	100	150	150			
Cutting edge length	mm	45	45	50	55			
Drive Ø	mm	14	16	18	20			
8796L	Each	133,00	169,00	299,00	353,00			



Short series. Micrograin solid carbide.
30° two 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	18,20	14,20	18,40	20,10	24,90	38,10	58,90
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	87,40	114,00	166,00	226,00	284,00		



8797**SCU**

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	15,20	13,50	11,90	13,50	15,90	17,10	17,10
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	20,20	21,10	28,80	32,40	45,10	51,10	49,70
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	71,90	79,10	97,10	128,00	139,00	187,00	234,00

Size mm 9,5 is running out of stock

8797L**SCU**

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	16,50	19,80	27,10	38,10	55,80	79,10	105,00
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	133,00	169,00	299,00	353,00			

8797R**SCU**

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	18,20	14,20	18,40	20,10	24,90	38,10	58,90
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	87,40	114,00	166,00	225,00	284,00		

8797T**SCU**

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	21,10	32,40	50,10	71,90	97,10	139,00	191,00	241,00

8798**SCU**

HARTMETALL

High-performance. Hard micrograin solid carbide.

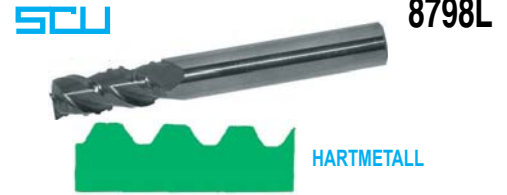
For ROUGHING, 45° three flutes. Right-hand cutting. Central tang drive.

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	35,90	55,30	77,80	104,00	209,00	281,00

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	35,90	55,30	77,80	104,00	209,00	281,00



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	41,60	59,40	82,70	112,00	159,00	180,00	270,00	328,00

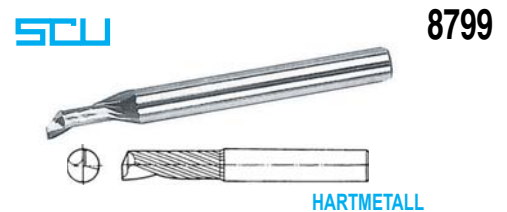


TUNGSTEN CARBIDE SOLID END MILLS FOR ALLUMINIUM

Prod. SCU

Micrograin solid carbide.
30° single flute. Right-hand cutting. For milling aluminium and aluminium alloys.
Cylindrical shank.

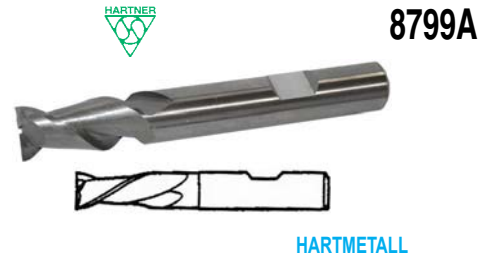
Ø	mm	3	4	5	6	8	10	12
Overall length	mm	40	50	50	50	60	70	75
Cutting edge length	mm	10	15	15	20	22	25	35
Drive Ø	mm	3	4	5	6	8	10	12
8799	Each	17,70	24,90	27,40	29,50	46,90	70,10	96,10



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	27,40	27,40	27,40	27,40	31,10	52,60	77,10	128,00	197,00



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	20,80	20,80	25,80	36,50	54,70	69,80	122,00	189,00	298,00



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	22,80	22,80	27,90	38,50	56,70	71,90	127,00	193,00	306,00



8799EA



HARTMETALL FIRE

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.

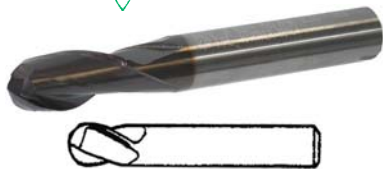
Very fine surface finish and dimensional precision.

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	29,90	29,90	28,30	28,30	26,60	36,90	54,20	78,50

8799EF



HARTMETALL FIRE

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	31,40	31,40	31,40	31,40	31,40	40,10	51,80	72,30	184,00

8799EH



HARTMETALL FIRE

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	29,10	29,10	29,10	29,10	37,70	55,80	86,40
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	107,00	145,00	236,00				

8799EL



HARTMETALL FIRE

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	36,10	36,10	35,40	35,40	39,30	46,40	73,10
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	98,90	128,00	168,00	214,00	266,00		

8799EM



HARTMETALL FIRE

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	37,70	37,70	38,50	37,70	47,10	61,30	84,80	212,00

Prices in EURO - VAT not included

13

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	35,80	33,80	31,90	31,90	39,10	59,70	82,20	148,00	206,00


8799EP


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.

Cylindrical shank DIN 6535 HA.

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	55,10	63,60	114,00	157,00	283,00	424,00


8799ER

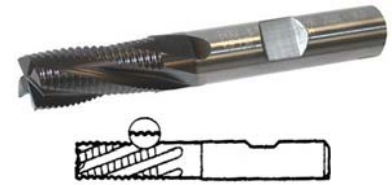

Orig. Hartner - Art. 84907

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	101,00	109,00	120,00	140,00	223,00	336,00


8799ES


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	43,50	64,10	78,10	116,00	149,00	215,00


8799G

30° HSS

With 3 cutting edges, ground High-Speed Steel. To countersink holes in iron and steel. No vibrations. 45° CONICAL HEAD Cylindrical connection.

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	90,90	111,00	159,00	205,00


8799GE

45° HSS
Orig. Dürr - Art. 216 -31

Three flutes, HSS 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	14,20	14,50	18,20	19,50	145,00	23,60	182,00
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	33,30	253,00	45,50	298,00	90,90	436,00	412,00


8800G

60° HSS

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	25,60	27,60	33,50	38,10	42,90	60,40	81,10

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	20	25	31,5	40	50	63	80
Countersink min Ø	mm	4	5	6,3	10	12,5	16	20	25
Drive	C.M.	1	2	2	2	3	3	4	4
Overall length	mm	90	106	112	118	150	160	190	200
8804G	Each	42,50	59,80	68,30	83,50	132,00	168,00	341,00	592,00

Sizes mm 16 and 20 are running out of stock

8806G

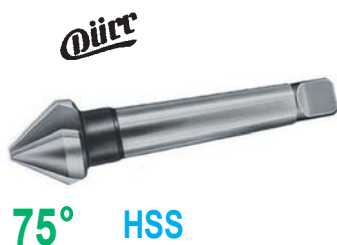


Orig. Dürr - Art. 216-31

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	25,90	28,50	32,40	43,30	64,30	71,40

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	25	30
Countersink min Ø	mm	3,2	3,5	3,8	4,2
Drive	C.M.	1	1	2	2
Overall length	mm	87	90	110	114
8808G	Each	56,90	65,10	81,60	132,00

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	21,50	22,50	28,10	29,90

Same mills in hardmetal available on request.

COUNTERSINKS

8810G

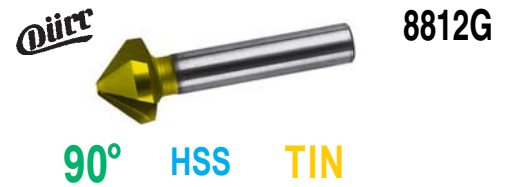


Orig. Dürr - Art. 217-31

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	12,4
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	2,8
Drive Ø	mm	4	4	4	5	5	5	6	6	6	6	6	6	6	8	8
Overall length	mm	40	40	40	45	45	45	50	50	50	50	50	50	50	56	56
8810G	Each	13,30	13,30	14,50	15,10	13,40	13,40	14,50	15,10	14,50	14,80	18,70	17,60	18,10	19,10	19,10
Countersink max Ø	mm	13,4	14,4	15	16,5	19	20,5	23	25	26	28	30	31	40		
Countersink min Ø	mm	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	10	10	10	10	10	10	10	12	12	12	12		
Overall length	mm	56	60	60	60	63	63	67	67	67	71	71	71	75		
8810G	Each	21,60	24,70	22,20	23,50	32,90	32,90	43,10	45,20	69,80	69,40	70,70	67,80	117,00		

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	12,4
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	2,8
Drive Ø	mm	4	4	4	5	5	5	6	6	6	6	6	6	6	8	8
Overall length	mm	40	40	40	45	45	45	50	50	50	50	50	50	50	56	56
8812G	Each	24,20	24,20	25,50	25,90	24,40	24,40	27,60	28,20	27,60	27,80	33,90	32,90	33,30	35,50	35,50
Countersink max Ø	mm	13,4	14,4	15	16,5	19	20,5	23	25	26	28	30	31	40		
Countersink min Ø	mm	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	10	10	10	10	10	10	10	12	12	12	12		
Overall length	mm	56	60	60	60	63	63	67	67	67	71	71	71	75		
8812G	Each	40,20	43,80	41,50	42,70	59,80	59,80	77,20	80,60	106,00	112,00	113,00	110,00	218,00		

On request also available with TiAIN 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	26,20	30,40	36,40	38,60	45,10	46,30	64,90	87,10	118,00

Product description as Art. 8810G
In 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	17,90	17,50	19,50	19,80	23,90	23,20	23,90
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	25,30	29,20	31,20	43,10	59,30	89,10	162,00

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	Nr	4	5	5	5	5	5
8815G	Each	70,10	76,40	93,10	130,00	183,00	239,00

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	172,00	182,00	174,00	184,00	162,00	162,00	172,00
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	164,00	209,00	209,00	249,00	287,00	433,00	

8816GE

Dürr



90° HARTMETALL

Orig. Dürr - Art. 217-23

With ground flutes.

For countersinking holes in iron and steel. Vibration-free.

90° HEAD TAPER - DIN 335. Cylindrical shank.

HARDMETAL. For very high resistance steel and materials, such as TITANIUM and its alloys, manganese, hardened steel up to 60 HRC, 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	Nr	4	5	5	5	5	5
8816GE	Each	326,00	338,00	408,00	473,00	560,00	740,00

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	47,80	42,70	52,30	44,60	54,30	56,10	48,60	60,10
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	56,10	50,40	66,10	139,00	68,60	89,20	62,10	81,40
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	182,00	87,20	113,00	252,00	121,00	155,00	206,00	268,00

8818G

Dürr



90° HSS

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	33,30	33,30	36,40	37,60	47,10	47,10	57,20	59,30

8819G

VÖLKEL
THREADING SOLUTIONS



90° HSS 1/4"

Orig. Völkel - 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 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	11,60	11,60	12,40	13,10	15,10	16,40

8819GE

SCU



90° HSS 1/4"

Prod. SCU

With 3 cutting edges, ground. To countersink holes in iron, steel, light alloys and non-ferrous alloys. 90° CONICAL HEAD Made of High-Speed Steel. 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	10,40	10,40	11,30	13,10	17,60	16,60

8819GF

SCU

TIN



90° HSS 1/4"

With 3 cutting edges, ground. To countersink holes in iron, steel, light alloys and non-ferrous alloys. 90° CONICAL HEAD Made of High-Speed Steel 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	16,90	16,90	19,20	24,90	27,70	37,10

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Prices in EURO - VAT not included

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
Countersink min Ø	mm	3,2	3,2	3,5	3,5	3,8	4,2	4,2
Drive	C.M.	1	1	2	2	2	2	2
Overall length	mm	85	85	100	100	106	112	112
8820G	Each	47,70	59,70	60,90	69,80	70,10	78,60	75,50
Countersink max Ø	mm	34	37	40	50	63	80	100
Countersink min Ø	mm	4,5	4,8	10	14	16	22	28
Drive	C.M.	2	2	3	3	4	4	4
Overall length	mm	118	118	140	150	180	190	200
8820G	Each	86,30	89,40	114,00	141,00	233,00	392,00	897,00

Sizes mm 15 and 19 are 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	139,00	130,00	223,00	230,00	270,00	289,00

Sizes mm 16,5 and 20,5 are running out of stock



Three flutes, ground.
For countersinking holes in iron and steel. Vibration-free.
90° HEAD TAPER – DIN 335. Morse taper shank.

In 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	150,00	178,00	222,00	276,00	449,00	763,00



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	406,00	503,00	651,00	849,00



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	322,00	346,00	399,00	447,00	570,00	641,00	831,00

Sizes mm 20,5 - 37 - 63 and 80 are running out of stock



Orig. Dürr - Art. 217-63

With 5 ground flutes.
For countersinking holes in iron and steel. Vibration-free.
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, 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	790,00	826,00	1.070,00	1.340,00



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	21,90	24,40	27,30	30,90	41,50	61,40	68,30

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	21,30	23,90	30,20	40,10	40,60	60,10	66,60

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	80,10	94,80	148,00	195,00	404,00

COUNTERSINK SETS**8832G****Dürr****90° HSS****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 **191,00****8833G****Dürr****90° HSS TIN**

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 **351,00****8834G****Dürr****90° 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 **222,00**

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 **407,00**



8835G

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 **120,00**



8836G

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 **222,00**



8837G

90° TIN 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 **122,00**



8838G

90° 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 **224,00**



8839G

90° TIN 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 **167,00**



8840G

90° HSS

8841G

Dürr



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 304,00

8843G

Dürr



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 370,00

8844G

VÖLKEL
THREADING SOLUTIONS



90°

HSS

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 79,80

8845G

SCU



90°

HSS

Prod. SCU
Assortment of 6 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 steel SUPER-FAST HSS.

8845G Each 159,00

Available on request
the same assortment of steel milling cutters in HSS TIN coated Art. 8819 GF.

COUNTERSINKS

8848G

Dürr



60°

HSS-E

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	33,90	20,10	26,20	35,50	69,40	128,00	239,00

13

Orig. Dürr - Art. 217-11

Single flute, ground.

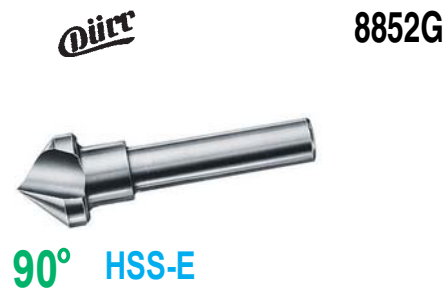
COBALT HSS-E.

For countersinking holes in iron and steel.

90° HEAD TAPER. Cylindrical shank.

Countersink max Ø	mm	5	10	15	20	25	30	040	40
Drive Ø	mm	5	10	10	10	10	12	12	15
For bores Ø	mm	1-5	1-10	2-15	2-20	2-25	3-30	3-40	3-40
Overall length	mm	50	60	65	73	80	82	92	92
8852G	Each	16,80	17,30	23,80	33,90	51,50	86,60	102,00	116,00

Countersink max Ø	mm	050	50
Drive Ø	mm	12	15
For bores Ø	mm	3-50	3-50
Overall length	mm	100	100
8852G	Each	164,00	173,00


Orig. Dürr - Art. 217-41

Single flute, ground.

COBALT HSS-E.

For countersinking holes in iron and steel.

60° HEAD TAPER. Morse taper 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	119,00	205,00	281,00


COUNTERSINKS WITH INTERCHANGEABLE TOOL BITS
Orig. Dürr - Art. 217-00

2 flutes, with HARDMETAL interchangeable tool bits, TIN-coating for high-quality performance and time saving, no need for resharping. 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	298,00	306,00	319,00	332,00	342,00	345,00

Interchangeable tool bits for Art. 8856 G x 19 - 23.

O8856GA	Each	55,20
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Interchangeable tool bits for Art. 8856 G x 26.

O8856GB	Each	57,80
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Interchangeable tool bits for Art. 8856 G x 30-34-37.

O8856GC	Each	66,80
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Spare screws TORX T 8 (M 2.6x5) for Art. 8856 G x 19-23-26.

O8856GF	Each	6,42
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Spare screws TORX T 10 (M 3.5x6) for Art. 8856 G x 30-34-37.

O8856GL	Each	6,42
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COUNTERSINKS
Orig. Dürr - Art. 216-21

Multiple flutes, HSS ground.

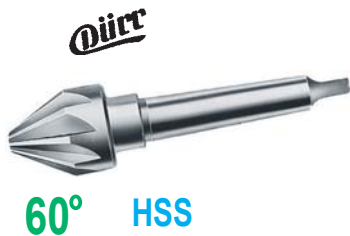
For countersinking holes in cast iron.

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	Nr	3	5	5	5	7	7	9	9
Overall length	mm	50	50	50	50	60	63	75	90
8858G	Each	38,60	29,30	37,10	33,90	47,80	55,50	84,80	107,00



8860G**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	Nr	7	9	9	11	13	15	17
Overall length	mm	100	125	132	160	170	200	215
8860G	Each	58,10	119,00	148,00	219,00	330,00	533,00	1.130,00

Misura mm 16 in esaurimento.

8862G**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	Nr	3	5	5	5	7	7	9	9
Overall length	mm	48	48	48	48	56	60	70	80
8862G	Each	38,60	29,30	37,10	26,20	35,50	43,20	61,70	80,10

8864G**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	Nr	9	9	11	13	15	17
Overall length	mm	118	122	150	155	185	196
8864G	Each	94,10	113,00	176,00	253,00	517,00	763,00

COUNTERSINKS AND DEBURRING TOOLS**8870G****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	35,50	43,20	80,10	144,00	208,00

8874G**Orig. Dürr - Art. 217-11**

For countersinking and finishing holes in iron, steel, aluminium and thermo-plastic. Vibration-free.

90° HEAD TAPER. Cylindrical shank.

IN 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	24,40	16,20	22,10	34,40	78,90	116,00

Bi-frontal type 6.35mm only.

8876G

Product description as Art. 8874G

In 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	50,70	31,50	41,50	68,90	121,00	202,00

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	43,20	58,60	54,10	72,40	105,00	142,00



ASSORTMENTS OF COUNTERSINKS AND DEBURRING TOOLS

Orig. Dürer - Art. 299-11

4pcs sets.

Countersinks-Deburring tools Art. 8874 G. 90° Taper.

4pcs 10-14-21-28mm. CR Assortment in metal case.

IN COBALT HSS-E.

8878G	Each	152,00
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Orig. Dürer - Art. 299 - 11

4pcs sets.

Countersinks-Deburring tools Art. 8876 G. 90° Taper.

4pcs 10-14-21-28mm.

Assortment in metal case.

In COBALT HSS-E, TIN coated.

8879G	Each	263,00
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COUNTERSINKS AND DEBURRING TOOLS

Orig. Dürer - Art. 217-41

For countersinking and finishing holes in iron, steel, aluminium and thermo-plastic. Vibration-free.

90° HEAD TAPER. Morse taper shank.

IN COBALT HSS-E.

Countersink max Ø	mm	10	21	28
Drive	C.M.	1	2	2
For bores Ø	mm	2-5	10-15	15-20
Overall length	mm	90	120	130
8880G	Each	61,10	111,00	130,00

Product running out of stock



Orig. Dürer - 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
8881G	Each	30,90	38,60	72,40



COUNTERSINKS AND DEBURRING TOOLS FOR PIPES

Orig. Dürer - 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.

90° TAPER. Made from HSS steel.

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
8882GA	Each	124,00	127,00	144,00	302,00



8882GB

Dürr



90°

HSS

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
8882GB	Each	691,00	1.010,00	1.360,00	1.700,00

Sizes mm 82 and 89 are running out of stock

CONIC COUNTERSINKS FOR PLATES

8884G

Dürr



20°

HSS

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	5
For bores Ø	mm	3-14	8-20	16-30,5	26-40	36-50	46-60
Drive Ø	mm	6	8	9	9	9	13
Drive length	mm	25	25	25	30	30	30
Overall length	mm	58	66	77	90	87	97
8884G	Each	35,40	45,10	70,80	152,00	197,00	294,00

Size mm 5 is running out of stock

8885G

Dürr



20°

HSS

TIN

Product description as Art. 8884G

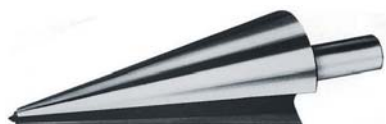
HSS, TIN coated.

Size		0	1	2	3	4	5
For bores Ø	mm	3-14	8-20	16-30,5	26-40	36-50	46-60
Drive Ø	mm	6	8	9	9	9	13
Drive length	mm	25	25	25	30	30	30
Overall length	mm	58	66	77	90	87	97
8885G	Each	54,70	72,40	128,00	243,00	319,00	497,00

Size mm 5 is running out of stock

8886G

Dürr



20°

HSS

Two flutes, ground.

For creating and enlarging holes in steel plate.

20° Taper. Cylindrical shank.

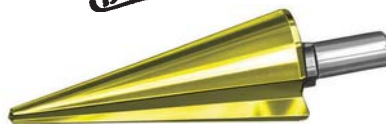
Long pattern.

HSS

For bores Ø	mm	4-30,5
Drive Ø	mm	10
Drive length	mm	25
Overall length	mm	90
8886G	Each	102,00

8887G

Dürr



20°

HSS

TIN

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	179,00

ASSORTMENTS OF CONIC COUNTERSINKS FOR PLATES

8890G

Dürr



20°

HSS

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	152,00
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3pcs sets.
Two-flute mills. Art. 8885 G. 20° Taper.
3pcs Size 0-1-2..
Assortment in metal case.
HSS, TIN coated.

8891G Each **255,00**

Dürr



8891G

20° HSS TIN

DRILL PASTE

Prod. SCU
Necessary to obtain the maximum performance during countersinking and reaming. In 18g stick.

8891GT Each **7,22**

SCU

8891GT



STEPPED CUTTERS FOR PLATES WITH HEXAGON 1/4 - E 6.3

Prod. SCU
9 steps and ground flutes.
For creating and enlarging holes in steel plate for thicknesses up to 5mm.
1/4 - C6.3 hex drive to be used with screwdrivers, screws, drills, etc.
In HSS steel.

Steps Ø	4 5 6 7 8 9 10 11 12
Overall length	90

8891GV Each **36,70**

SCU

8891GV



HSS 1/4"

Product running out of stock

STEPPED CUTTERS FOR PLATES

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 **61,40**

Dürr

8892G



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 **85,10**

Dürr

8893G



HSS TIN

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 **70,90**

Dürr

8894G



HSS

8894GT



HSS TIN

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	113,00
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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
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Steps thickness	mm	4
Drive Ø	mm	10
Overall length	mm	100

8895G	Each	124,00
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8895GT



HSS TIN

Product description as Art. 8895G

HSS, TIN coated.

Steps Ø	mm	6 8 10 12 14 16 18 20 22 24 26 28 30
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Steps thickness	mm	4
Drive Ø	mm	10
Overall length	mm	100

8895GT	Each	197,00
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8896G



HSS

10 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
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Steps thickness	mm	4
Drive Ø	mm	12
Overall length	mm	85

8896G	Each	204,00
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Spare HSS pilot bit for Art. 8896 G – 8909 G – 8910 G – 8910 GP – 8910 GR.

O8896G	Each	45,50
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8898G



HSS TIN

Product description as Art. 8898G

HSS, TIN coated.

Steps Ø	mm	9 12 15 18 21 24 27 30 33 36
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Steps thickness	mm	4
Drive Ø	mm	12
Overall length	mm	85

8898G	Each	299,00
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Spare HSS+TIN pilot bit for Art. 8898 G - 8910 GRE - 8910 GRL.

O8898G	Each	55,20
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8900G



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
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Steps thickness	mm	4
Drive Ø	mm	12
Overall length	mm	85

8900G	Each	366,00
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Spare HSS pilot bit for Art. 8900 G.

O8900G	Each	45,50
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Product description as Art. 8902G

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	537,00
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Spare HSS+TIN pilot bit for Art. 8902 G.

O8902G	Each	55,20
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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	204,00	178,00

For spare pilot bit for Art. 8909 G – 8910 G see Art. O8896 G.
TIN coated available on request .



COUNTERSINKS WITH EXAGONAL SHANK 1/4

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 steel SUPER-FAST HSS.

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	32,80	37,90	62,30



HELICAL STEPPED CUTTERS FOR PLATES

Orig. Dürr

The helical shape of the discharge improves drilling, reduces the turning moment, increases tool life, eliminates vibrations and is also suitable for use with portable drills.

HSS with nitrited surface. Cylindrical shank.

Art.	8910GE	8910GF	8910GH	8910GL
Steps Ø	mm 4 5 6 7 8 9 10	6 8 10 12 14 16	5 7 9 11 13 15	6 8 10 12 14 16 18 20
	11 12	18 20	17 19	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	66,70	77,20	83,80	134,00



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	6 8 10 12 14 16	5 7 9 11 13 15	6 8 10 12 14 16 18
	11 12	18 20	17 19	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	90,50	119,00	126,00	208,00



8910GP
8910GR

Dürr



HSS

Product description as Art. 8910GE

HSS with nitrited surface. Cylindrical shank. Interchangeable pilot drill Ø mm 7.

Art.....	8910GP										8910GR												
Steps Ø	mm	9	12	15	18	21	24	27	30	33	36	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										4											
Drive Ø	mm	12										12											
Overall length	mm	85										110											
Supplier code		981-25										981-25											
Each		216,00										232,00											

For spare pilot bit for Art. 8910 GP – 8910 GR see Art. O8896 G.

The Art. 8910 GR is suitable for metric fine threads (MF) according to DIN 60403 for blind and through holes.

8910GRL

Dürr



HSS

TIN

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	346,00											

For spare pilot bit for Art. 8910 GRL see Art. O8898 G.

The Art. 8910 GRL is suitable for metric fine threads (MF) according to DIN 60403 for blind and through holes.

ASSORTMENTS OF STEPPED CUTTERS

8910GS

Dürr



HSS

Orig. Dürr - Art. 919-11

3pcs set.

Stepped cutters Art. 8892 G – 8894 G – 8895 G

Assortment in metal case.

8910GS	Each	256,00
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8910GT

Dürr



HSS

Orig. Dürr - Art. 919-21

3pcs set.

Helical stepped cutters Art. 8910 GE – 8910 GF – 8910 GL

Assortment in metal case.

8910GT	Each	278,00
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DEBURRING TOOLS

8912GA

SCU



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	11,10
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BLADE HOLDER for blades Art.8912 GC-D-E-F.

8912GB Each **9,54**

8912GB

 BLADES, SMALL SERIES, HSS (Ø 2.5mm)
 Universal type for internal and external deburring.

8912GC Each **2,32**

8912GC

HSS

 Product description as Art. 8912GC
 For brass and cast iron, for deburring in both directions.

8912GD Each **2,32**

8912GD

HSS

 Product description as Art. 8912GC
 For thin materials, for internal and external deburring.

8912GE Each **2,82**

8912GE

HSS

 Product description as Art. 8912GC
 Universal type for rear deburring.

8912GF Each **6,48**

8912GF

HSS

BLADE HOLDER for blades Art.8912 GL-M-P-R.

8912GH Each **9,54**

8912GH

 BLADES, BIG SERIES, HSS (Ø 3.2mm)
 For steel and aluminium.

8912GL Each **2,36**

8912GL

HSS

 Product description as Art. 8912GL
 For brass and cast iron.

8912GM Each **2,36**

8912GM

HSS

 Product description as Art. 8912GL
 Universal type for deburring both sides.

8912GP Each **3,00**

8912GP

HSS

 Product description as Art. 8912GL
 Universal type for rear deburring.

8912GR Each **6,62**

8912GR

HSS

BLADE HOLDER for blades Art.8912 GT.

8912GS Each **9,54**

8912GS


HSS steel blades, triangular scraper type 8x30mm.

8912GT Each **17,90**

8912GT

HSS

BLADE HOLDER for blades Art.8912 GZ- 8912GZ/3.

8912GV Each **9,54**

8912GV


8912GZ SCU


HARTMETALL

HARD METAL BLADES, tipped type, for deburring steel plate with thickness up to 3mm.

8912GZ	Each	16,90
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8912GZ 3 SCU


HARTMETALL

HARD METAL BLADES, tipped type, for deburring steel plate with thickness up to 8mm.

8912GZ 3	Each	30,40
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8913GE SCU


BLADE HOLDER for blades Art.8913 GH-L.

8913GE	Each	9,54
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8913GH SCU


90°

HSS

HSS steel blades, for countersinking up to 20mm

8913GH	Each	36,60
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8913GL SCU


90°

HSS

HSS steel blades, for countersinking up to 30mm

8913GL	Each	58,60
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8914GA SCU


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	10,80
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8914GB SCU


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	27,50
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For spare blades for steel, aluminum, brass and cast iron see Art. 8912 GL - GM.
8914GB 3 SCU


HSS

Spare HSS blades for grooves. For Art. 8914 GB.

8914GB 3	Each	2,36
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8914GL SCU


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	32,60
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Spare blade for Art. 8914 GL.

O8914GL	Each	6,62
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8914GP SCU


HSS

SLOT DEBURRING TOOLS.

HSS blade, interchangeable.

Plastic handgrip.

For deburring both internal and external slots.

8914GP	Each	35,70
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Spare blade for Art. 8914 GP.

O8914GP	Each	8,24
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COUNTERBORES FOR TAPERED-HEAD SCREW SEATS (PASSING-THROUGH SCREWS)
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	25,50	26,50	29,30	30,90	36,50	43,70	54,70	70,90

8915A

HSS-E-5%
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	22,40	19,90	21,60	22,80	37,10	44,60	50,10

8915G

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	21,90	19,60	298,00	315,00	21,30	301,00	318,00	22,50

8915GM

HSS

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	321,00	36,60	338,00	44,10	355,00	48,90	392,00

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)
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	25,80	24,70	26,70	28,20	40,40	49,20

8918G

HSS

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

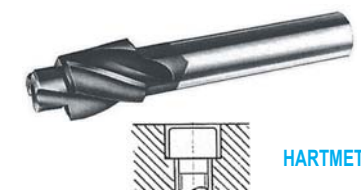
In integral HARD METAL (except size 8 with only the head in hard metal). Similar to DIN 373.

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.

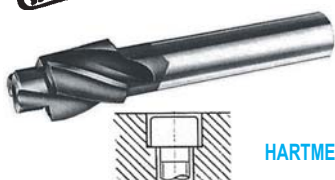
For screws	M.	3	4	5	6	8
Cutting edges Ø	mm	6	8	10	11	15
Guide Ø	mm	3,2	4,3	5,3	6,4	8,4
Drive Ø	mm	5	6	8	8	12,5
Overall length	mm	71	71	80	80	100
8921G	Each	307,00	316,00	333,00	356,00	484,00

8921G

HARTMETALL

Product running out of stock

8922G

Dürr



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	287,00	297,00	314,00	332,00	455,00	598,00

ASSORTMENTS OF COUNTERBORES FOR TAPERED-HEAD SCREW SEATS

8924G

Dürr



HSS

Orig. Dürr - Art. 299-21
Assortment of 6 counterbores Art. 8915 G 3-4-5-6-8-10M.
In metal case.

8924G	Each	169,00
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8925G

Dürr



HSS

Assortment of 6 counterbores Art. 8915 GM 3-4-5-6-8-10M.
In metal case.

8925G	Each	166,00
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8926G

Dürr



HSS

Assortment of 6 counterbores Art. 8918 G 3-4-5-6-8-10M.
In metal case.

8926G	Each	195,00
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MILLS FOR SCREW SEATS WITH INTERCHANGEABLE GUIDES

8927GA

Dürr



HSS

Orig. Dürr - Art. 214-21
HSS.
For creating the seat of the cylindrical head of through screws or screws to thread according to DIN. With front hole and lock screw for the different guides. With one mill only, by replacing the interchangeable guides, it is possible to countersink holes of different diameters.
For iron, high-resistance steel, aluminium, cast iron, etc.
Cylindrical shank.

SUPPLIED WITHOUT GUIDES (For guides see Art. 8927 GB).

For screws	M.	6	8
Mill cutting edges Ø	mm	11	15
Ø bore conn. guide	mm	3,6	4
Drive Ø	mm	10	12
Overall length without guide	mm	90	100
		8927GA	
	Each	73,70	84,20

Product running out of stock

Orig. Dürr

Interchangeable guides DIN 373 for mills Art. 8927 GA.

HSS.

Ø screw x Ø guide	M x mm	4x4,3	4x4,5	5x4,2	5x5,3
Guide Ø drive	mm	2,5	2,5	3,6	3,6
For mills Art.		8927GA 4	8927GA 4	8927GA 5-6	8927GA 5-6
8927GB	Each	24,70	24,70	24,70	24,60

Ø screw x Ø guide	M x mm	5x5,5	6x5	6x6,4	6x6,6
Guide Ø drive	mm	3,6	3,6	3,6	3,6
For mills Art.		8927GA 5-6	8927GA 5-6	8927GA 5-6	8927GA 5-6
8927GB	Each	24,60	24,70	24,60	24,70

Product running out of stock

8927GB


HSS

COUNTERBORES FOR TAPERED-HEAD SCREW SEATS (PASSING-THROUGH SCREWS)
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	62,10	65,50	77,20	87,40	103,00	121,00	163,00	172,00

8928G


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	58,70	62,10	73,40	82,60	97,20	115,00	154,00	162,00

8929G


HSS

COUNTERBORES FOR TAPERED-HEAD SCREW SEATS (SCREWS TO THREAD)
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	67,40	70,10	83,40	93,40	112,00	132,00	173,00	197,00

8930G


HSS

MILLS FOR SCREW SEATS WITH INTERCHANGEABLE GUIDES
Orig. Dürr - Art. 214-51

HSS-DIN 375.

For creating the seat of the cylindrical head of through screws or screws to thread according to DIN. With front hole and lock screw for the different guides. With one mill only, by replacing the interchangeable guides, it is possible to countersink holes of different diameters.

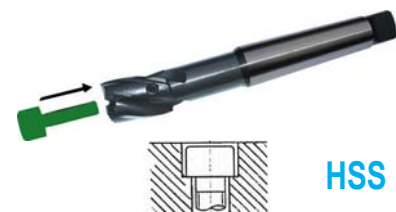
For iron, high-resistance steel, aluminium, cast iron, etc.

Morse Taper Shank.

SUPPLIED WITHOUT GUIDES (For guides see Art. 8931 GB).

For screws	M.	10
Mill cutting edges Ø	mm	18
Ø bore conn. guide	mm	5
C.M. drive	C.M.	2
Overall length without guide	mm	140
8931GA	Each	95,10

Product running out of stock

8931GA


HSS

8931GB *Dürr*



HSS

Orig. Dürr

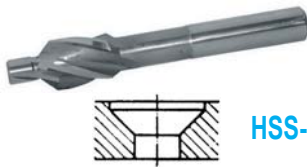
Interchangeable guides DIN 1868 for mills Art. 8931 GA. HSS.

Ø screw x Ø guide	M x mm	8x6,8	8x8,4	8x9	10x10,5	10x11	12x10,2	12x13
Guide Ø drive	mm	4	4	4	5	5	5	5
For mills Art.		8931GA 8	8931GA 8	8931GA 8	8931GA 10-12	8931GA 10-12	8931GA 10-12	8931GA 10-12
8931GB	Each	24,60	24,60	24,70	30,60	30,60	33,90	33,90
Ø screw x Ø guide	M x mm	12x13,5	14x12	14x15	14x15,5	16x17	16x17,5	18x15,5
Guide Ø drive	mm	5	6	6	6	8	8	8
For mills Art.		8931GA 10-12	8931GA 14	8931GA 14	8931GA 14	8931GA 16-18	8931GA 16-18	8931GA 16-18
8931GB	Each	33,90	39,40	39,40	39,40	41,70	41,70	41,70
Ø screw x Ø guide	M x mm	18x19	18x20	20x17,5	20x21	20x22		
Guide Ø drive	mm	8	8	10	10	10		
For mills Art.		8931GA 16-18	8931GA 16-18	8931GA 20	8931GA 20	8931GA 20		
8931GB	Each	41,70	41,70	44,30	42,30	44,30		

Product running out of stock

COUNTERSINKS FOR 90° COUNTERSINK-HEAD SCREW SEATS (PASSING-THROUGH SCREWS)

8932A *SCU*



HSS-E-5%

Prod. SCU

HSS-E COBALT 5% - DIN 1866.

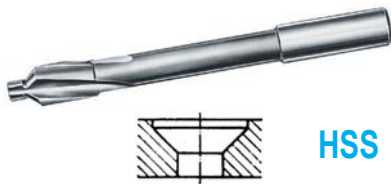
For creating the seat to the 90° countersink head of passing-through screws.

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	41,90	45,50	56,30	68,60	85,50	123,00

8932G *Dürr*



HSS

Orig. Dürr - Art. 212-11 / 212-21

HSS - DIN 1866.

For creating the seat to the 90° countersink head of passing-through screws.

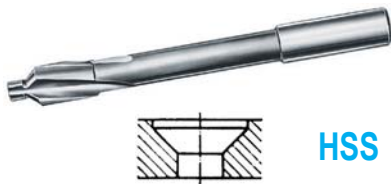
For iron and high-resistance steel.

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	61,70	61,70	52,10	57,70	62,10	74,40	105,00

COUNTERSINKS FOR 90° COUNTERSINK-HEAD SCREW SEATS (SCREWS TO THREAD)

8934G *Dürr*



HSS

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	60,90	65,40	72,40	87,80	107,00

JET REAMERS

8940G *SCU*



Prod. SCU

In hardened steel. Ground cutting edges.

For soft metal, iron, steel up to R 80/90 Kg.

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	1,5
Useful length	mm	35	35	40	40	40	40	40	45	48	48	55	55	55	55	60
8940G	Each	1,88	1,88	1,88	1,88	1,88	1,88	1,88	1,88	1,88	1,88	1,88	1,96	2,14	2,04	2,44
Size		52	50	48	46	39	31	28*	21*	15*	8*	6*	5*	4*	3*	2*
Max Ø	mm	1,6	1,7	1,9	2	2,5	3	3,5	4	4,5	5	6	7	8	9	10
Useful length	mm	60	70	70	70	75	80	85	90	95	100	110	110	125	130	130
8940G	Each	2,44	2,56	3,44	3,44	4,28	5,18	4,98	6,76	7,90	9,26	12,40	15,10	19,20	24,70	32,10

* Sizes running out of stock

For nozzle grinding and re boring.
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 **33,50**



JET REAMERS WITH HANDLE

Prod. SCU

For nozzle grinding and re boring.
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	1
8944G	Each	2,66	2,44	2,40	2,40	2,40	2,40	2,40
Size		56	54	51	46			
Max Ø	mm	1,2	1,4	1,7	2			
8944G	Each	2,52	2,92	3,62	4,04			



For nozzle grinding and re boring.
Set of 12 jet reamers Art. 8944 G Size 78-72-66-60-56-54.
In plastic bag.

8946G Each **19,70**



REAMER HOLDERS

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



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

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	51,50	51,50	51,50	49,90	51,50	53,10	66,10	98,20	126,00	163,00	231,00	298,00	517,00



TAPER REAMERS

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	132,00	179,00	362,00	636,00



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	22,50	27,10	24,30	31,10	27,20	31,90	29,60	33,80	32,60	35,10	36,10	38,10	48,50	41,70	53,30	
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	54,10	58,10	65,10	71,10	79,90	81,10	82,30	86,40	102,00	103,00	114,00	121,00	141,00	141,00	157,00	
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	169,00	187,00	206,00													

8965G**Dürr****HSS**

Orig. Dürr - Art. 313-21

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.

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 (2,10)	2,24	2,24 (2,40)	2,8 (2,7)	3,15 (3)	3,55 (3,4)	4 (3,8)			
8965G	Each	44,80	43,40	43,40	32,70	47,70	37,30	49,90	31,10	51,10	26,40	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	4,5 (4,3)	4,5 (4,9)	5,6 (5,5)	6,3 (6,2)	7,1 (7,0)	8	9	10 (9)	10	11,2 (11)	11,2 (12)	12,5 (12)			
8965G	Each	41,40	29,90	35,60	35,00	43,10	38,50	53,40	45,40	74,60	72,30	82,70	80,40			
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	12,5 (13)	14 (14,5)	14 (14,5)	16	18	20 (18)	20	20	22,4 (22)	22,4 (24)					
8965G	Each	91,80	105,00	113,00	99,90	127,00	150,00	138,00	182,00	207,00	194,00					

When the stocks will be run out we will provide the same reamers marked Hartner (Art. 88310).

The sizes of the square drives in parentheses refer to Article. Orig. Hartner.

* Sizes running out of stock

MACHINE TAPER PIN REAMERS

8968G**Dürr****HSS**

Orig. Dürr - Art. 324-31

HSS – DIN 2179.

Ground, helicoidal, 45° left-hand cutting edges.

Taper 1:50. Cylindrical shank.

Tolerance H7.

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	48,30	58,10	53,10	54,70	56,40	66,10	98,20	126,00	160,00						

MACHINE REAMERS

Orig. Dürr - Art. 314-21

COBALT HSS-E – DIN 212.

Ground helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting.

Cylindrical shank. Tolerance H7. Long pattern.



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	7	7,5
Cutting edge length	mm	8	10	11	12	14	15	15	16	18	19	21	23	26	26	28	31	31
Overall length	mm	40	46	49	53	57	61	61	65	70	75	80	86	93	93	101	109	109
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	7,1	7,1
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	21,50	31,30
Ø	mm	8	8,5	9	9,5	10	10,5	11	11,5	12	13	14	15	16	17	18	19	20
Cutting edge length	mm	33	33	36	36	38	38	41	41	44	44	47	50	52	54	56	58	60
Overall length	mm	117	117	125	125	133	142	142	142	151	151	160	162	170	175	182	189	195
Drive Ø	mm	8	8	9	9	10	10	10	10	10	10	12,5	12,5	12,5	14	14	16	16
8970G	Each	22,30	34,30	27,50	35,80	26,40	62,50	41,50	54,30	38,50	43,70	44,50	46,10	47,50	63,30	61,00	75,40	65,60

When the stocks will be run out we will provide the same reamers marked 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.



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	93,40	72,40	74,10	75,70	77,30	184,00	80,50
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	187,00	93,40	190,00	105,00			

Prod. SCU

SOLID CARBIDE K 10 - DIN 212.

Ground, helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting. Cylindrical shank.

Tolerance H7.



Ø	mm	2	2.5	3	3.5	4	4.5	5	5.5	6
Cutting edge length	mm	11	14	15	18	19	21	23	26	26
Overall length	mm	50	57	60	70	75	80	93	93	93
Drive Ø	mm	2	2.5	3	3.5	4	4.5	5	5.5	6
8971R	Each	25,70	23,40	25,70	29,70	33,30	38,50	45,10	51,50	52,90
Ø	mm	6.5	7	8	9	10	11	12	13	
Cutting edge length	mm	28	31	33	36	38	41	44	44	
Overall length	mm	100	109	117	125	135	140	150	150	
Drive Ø	mm	6.5	7	8	9	10	11	12	13	
8971R	Each	60,10	68,20	80,20	92,10	115,00	145,00	173,00	201,00	

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.

Tolerance H7.



Ø	mm	5	6	7	8	11	12	14	20
Cutting edge length	mm	23	26	31	33	41	44	47	60
Overall length	mm	86	93	109	117	142	151	160	195
Drive Ø	mm	5	5,6	7,1	8	10	10	12,5	16
8972G	Each	105,00	105,00	108,00	107,00	159,00	171,00	188,00	266,00

Product running out of stock

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	3,5	4	4,5	6	7	9
Cutting edge length	mm	14	15	18	19	21	26	31	36
Overall length	mm	57	61	70	75	80	93	109	125
Drive Ø	mm	2,5	3	3,5	4	4,5	5,6	7,1	9
8974G	Each	30,20	34,10	39,70	34,10	39,70	35,90	41,50	54,70
Ø	mm	10	12	13	16	18	19		
Cutting edge length	mm	38	44	44	52	56	58		
Overall length	mm	133	151	151	170	182	189		
Drive Ø	mm	10	10	10	12,5	14	16		
8974G	Each	51,10	62,30	86,80	84,90	116,00	133,00		

Product running out of stock

Ø	mm	9,60	9,61	9,62	9,63	9,64	9,65	9,66	9,67	9,68	9,69	9,70	9,71	9,72	9,73	9,74
Cutting edge length	mm	36	36	36	36	38	38	38	38	38	38	38	38	38	38	38
Overall length	mm	125	125	125	125	133	133	133	133	133	133	133	133	133	133	133
Indicative Ø drive	mm	9	9	9	9	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	9,75	9,76	9,77	9,78	9,79	9,80	9,81	9,82	9,83	9,84	9,85	9,86	9,87	9,88	9,89
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	9,90	9,91	9,92	9,93	9,94	9,95	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	38	38	38	38	38	38		
Overall length	mm	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		
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		

When the stocks will be run out we will provide the same reamers marked Hartner (Art. 88311).
* Sizes running out of stock

MACHINE REAMERS

8978G



HSS-E

Orig. Dürr - Art. 314-51
COBALT HSS-E – DIN 208.
Ground, helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting.
Morse taper shank. Tolerance H7.

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	57,40	70,00	63,20	70,00	66,60	81,50	81,50	88,40	93,10	104,00	97,60	110,00
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	110,00	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	290,00	290,00	423,00	473,00											

When the stocks will be run out we will provide the same reamers marked Hartner (Art. 88308).

8979G



HSS-E

COBALT HSS-E – DIN 208.
Ground, helicoidal cutting edges. Left-hand spiral flute. For right-hand cutting.
Morse taper shank. Tolerance H7. Long type.

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	120,00	292,00	139,00	417,00	160,00	448,00	453,00	482,00

8980G



HARTMETALL

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.
Tolerance H7.

Ø	mm	10*	12	13*	14*	16	18	19	20
Cutting edge length	mm	38	44	44	47	52	56	58	60
Overall length	mm	168	182	182	189	210	219	223	228
Drive	C.M.	1	1	1	1	2	2	2	2
8980G	Each	148,00	164,00	160,00	184,00	213,00	219,00	247,00	231,00
Ø	mm	22	24*	25	28*	30*			
Cutting edge length	mm	64	68	68	71	73			
Overall length	mm	237	268	268	277	281			
Drive	C.M.	2	3	3	3	3			
8980G	Each	283,00	318,00	346,00	440,00	447,00			

* Sizes running out of stock

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	15	16	17
Cutting edge length	mm	38	41	44	44	50	52	54
Overall length	mm	168	175	182	182	204	210	214
Drive	C.M.	1	1	1	1	2	2	2
8982G	Each	67,10	77,40	69,80	83,00	88,70	88,70	98,10

Ø	mm	24	26	28
Cutting edge length	mm	68	70	71
Overall length	mm	268	273	277
Drive	C.M.	3	3	3
8982G	Each	148,00	155,00	174,00

Product running out of stock


8982G


HSS-E

MACHINE TAPER REAMERS
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	127,00	96,60	129,00	131,00	132,00	134,00	137,00	169,00	189,00	210,00

Ø	mm	20	21	22	23*	24	25	26*	28	30
Ø for entrance length	mm	14x62	14,7x62	15,4x66	16,1x66	16,8x72	17,5x72	18,2x72	19,6x78	21x78
Cutting edge length	mm	155	155	165	165	180	180	180	195	195
Overall length	mm	271	271	281	281	296	296	296	311	311
Drive	C.M.	3	3	3	3	3	3	3	3	3
8990G	Each	211,00	221,00	239,00	190,00	269,00	272,00	218,00	330,00	340,00

* Sizes running out of stock


8990G


HSS

MACHINE SHELL REAMERS
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*	27*	28*	30	32	35	36	38	40	42	45	47	50
Cutting edge length	mm	32	32	32	32	32	36	36	40	40	40	40	45	45	45
Drive bore Ø	mm	13	13	13	13	13	16	16	19	19	19	19	22	22	22
Overall length	mm	45	45	45	45	45	50	50	56	56	56	56	63	63	63
9000G	Each	182,00	185,00	221,00	193,00	195,00	216,00	237,00	248,00	258,00	239,00	247,00	335,00	335,00	321,00

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	433,00	387,00	500,00	441,00	611,00	673,00	900,00	1.030,00

* Sizes running out of stock


9000G


HSS-E

Orig. Dürr - Art. 314-91

Product description as Art. 9000G

45° helicoidal cutting edges.

Ø	mm	25	26*	27*	28*	30	32	34*	35	36	38	40	42	45	47
Cutting edge length	mm	32	32	32	32	32	36	36	36	40	40	40	40	45	45
Drive bore Ø	mm	13	13	13	13	13	16	16	16	19	19	19	19	22	22
Overall length	mm	45	45	45	45	45	50	50	50	56	56	56	56	63	63
9003G	Each	206,00	258,00	258,00	253,00	210,00	224,00	278,00	240,00	279,00	279,00	280,00	266,00	317,00	366,00

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	382,00	478,00	478,00	631,00	496,00	796,00	684,00	926,00	1.060,00

* Sizes running out of stock


9003G


HSS-E

9010G



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.

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
9003G								
Overall length	mm	250	261	298	312	359	376	396
Drive	C.M.	3	3	4	4	5	5	5
9010G	Each	148,00	161,00	192,00	213,00	312,00	380,00	480,00

EXPANDING HAND REAMERS

9013



HSS

Prod. SCU
 Small expansion model – DIN 859.
 HSS. Hand use.
 Ground, helicoidal cutting edges.
 With drive board and cylindrical shank.

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	54,70	65,50	74,20	83,10	91,80	96,00	110,00	118,00
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	136,00	145,00	158,00	179,00	201,00	210,00	229,00	229,00

9016G



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.

Ø	mm	6	8	10	12	13	14	15	16
Cutting edge length	mm	33	42	50	56	56	61	61	67
Overall length	mm	93	115	133	152	152	163	163	175
Square drive	mm	4,5	6,3	8	10	10	11,2	11,2	12,5
9016G	Each	95,10	99,80	116,00	132,00	162,00	157,00	163,00	195,00
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	221,00	224,00	224,00	279,00	308,00	301,00	391,00	

Size mm 13 is running out of stock

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
Cutting edges length	mm	38	40	46	48	50	55	66	66	77	88	88	106
Overall length	mm	110	120	125	130	140	155	170	180	200	225	235	277
Blades	Nr	4	4	4	4	5	5	5	5	5	5	5	5
9020	Each	88,20	90,50	90,50	91,80	94,40	102,00	111,00	119,00	133,00	150,00	184,00	230,00
Expansion	mm	37-45	45-55	55-65									
Cutting edges length	mm	106	130	130									
Overall length	mm	290	320	350									
Blades	Nr	5	6	6									
9020	Each	338,00	478,00	603,00									

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
O9020	Per series	49,30	54,40	55,80	55,80	66,50	68,10	72,20	75,50	77,20	85,40	98,50	118,00
Expansion	mm	37-45	45-55	55-65									
O9020	Per series	177,00	233,00	267,00									

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.

9025

Expansion	mm	11-12	18-21	21-24	45-55
Cutting edges length	mm	48	66	77	130
Overall length	mm	208	340	365	560
Blades	Nr	5	5	5	6
9025	Each	149,00	192,00	202,00	687,00

Product running out of stock

Spare blade for Art. 9025.

Expansion	mm	18-21	21-24	45-55
O9025	Per series	75,50	77,20	233,00

Product running out of stock



SETS OF ADJUSTABLE REAMERS

Prod. SCU

Complete assortment of 11 reamers Art. 9020 ranging from 8 to 31.5mm.
 In plastic case.

9030

9030	Each	1.340,00
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HIGH EFFICIENCY MACHINE TAPS

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.


9080A
new

M HSS-E TiAlN

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	50,80	47,50	39,30	50,80	39,80	39,80	52,80	58,50	72,90
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	86,30	140,00	125,00	227,00	206,00	284,00	347,00	370,00	

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.

9080B
new

M HSS-E TiAIN
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. 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	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	52,80	49,90	50,80	52,80	53,70	62,30	78,60
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	92,10	141,00	140,00	234,00	209,00	307,00	372,00

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.

9080E
new

M HSS-E
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	27,40	30,20	27,80	28,30	28,30	32,60	39,80	48,90
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	75,80	71,10	122,00	116,00	209,00	151,00	246,00	248,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9080P
new

MF HSS-E TiAIN
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. 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	mm	3	4	5	6	6	8	8	10	10
Pitch	mm	0,35	0,5	0,5	0,5	0,75	0,75	1	1	1,25
Overall length	mm	56	63	70	80	80	80	90	90	100
Thread length	mm	7	8	10	13	13	14	17	17	20
Shank Ø	mm	2,2	2,8	3,5	4,5	4,5	6	6	7	7
Shank square	mm	-	2,1	2,7	3,4	3,4	4,9	4,9	5,5	5,5
9080P	Each	65,20	58,50	60,40	62,30	78,60	83,40	87,30	91,10	94,10
Ø	mm	12	12	12	14	16	18	20	24	24
Pitch	mm	1	1,25	1,5	1,5	1,5	1,5	1,5	1,5	2
Overall length	mm	100	100	100	100	100	110	125	140	140
Thread length	mm	20	20	20	20	22	25	25	28	28
Shank Ø	mm	9	9	9	11	12	14	16	18	18
Shank square	mm	7	7	7	9	9	11	12	14,5	14,5
9080P	Each	103,00	103,00	98,80	124,00	142,00	188,00	244,00	294,00	317,00

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. 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	55,60	68,10	112,00	98,80	94,90	126,00	122,00

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	121,00	153,00	183,00	206,00	246,00	305,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



9080R
new



MF HSS-E TiAlN

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	56,60	55,60	55,60	62,30	51,80	50,80	61,40

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	54,70	70,10	81,50	95,90	122,00	124,00	148,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



9080T
new



MF 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 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	Nr	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	67,10	63,30	60,40	69,10	62,30	79,60	88,20

Thread UNC		7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	Nr	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	112,00	112,00	149,00	139,00	204,00	282,00	319,00

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.



9081A
new



UNC HSS-E TiAlN

9081B
new



UNC HSS-E TiAIN

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. 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.

		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Thread UNC								
Threads per inch	Nr	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	68,10	61,40	68,10	69,10	68,10	71,10	79,60
Thread UNC		7/16	1/2	9/16	5/8	3/4	7/8	
Threads per inch	Nr	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	107,00	104,00	153,00	147,00	192,00	271,00	

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9081E
new



UNC HSS-E

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%).

		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Thread UNC								
Threads per inch	Nr	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	41,70	35,10	40,30	40,30	36,50	42,70	48,10
Thread UNC		7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	Nr	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	62,30	65,20	118,00	96,80	128,00	158,00	198,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9081P
new



UNF HSS-E TiAIN

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. 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.

		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8	7/16	5/8	7/8	1
Thread UNF												
Threads per inch	Nr	48	40	36	32	28	24	24	20	18	14	12
Overall length	mm	56	56	63	70	80	90	90	90	100	125	140
Thread length	mm	10	11	12	14	16	18	18	18	22	25	28
Shank Ø	mm	2,2	2,5	2,8	3,5	4,5	6	7	8	12	18	18
Shank square	mm	-	2,1	2,1	2,7	3,4	4,9	5,5	6,2	9	14,5	14,5
9081P	Each	69,10	65,20	69,10	72,90	94,10	75,80	106,00	115,00	158,00	255,00	370,00

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. 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. 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.



9081R
new



UNF HSS-E TiAlN

Thread UNF		Nr. 10	Nr. 12	1/4	5/16	3/8	7/16	1/2	5/8	7/8	1
Threads per inch	Nr	32	28	28	24	24	20	20	18	14	12
Overall length	mm	70	80	80	90	90	100	100	100	125	140
Thread length	mm	8,5	9	9	11	11	13	13	15	19	22
Shank Ø	mm	3,5	4	4,5	6	7	8	9	12	18	18
Shank square	mm	2,7	3	3,4	4,9	5,5	6,2	7	9	14,5	14,5
9081R	Each	87,30	80,60	94,90	94,90	105,00	139,00	147,00	192,00	340,00	478,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

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%).



9081T
new



UNF HSS-E

Thread UNF		Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8	7/16	1/2	9/16	3/4	7/8	1
Threads per inch	Nr	48	40	36	32	28	24	24	20	20	18	16	14	12
Overall length	mm	56	56	63	70	80	90	90	100	100	100	110	125	140
Thread length	mm	10	11	12	14	16	18	18	22	20	22	25	25	28
Shank Ø	mm	2,2	2,5	2,8	3,5	4,5	6	7	8	9	11	14	18	18
Shank square	mm	-	2,1	2,1	2,7	3,4	4,9	5,5	6,2	7	9	11	14,5	14,5
9081T	Each	50,80	43,70	40,80	43,20	50,80	48,90	53,70	65,20	65,20	106,00	114,00	171,00	236,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

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. 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.



9082A
new



BSP HSS-E TiAlN

Ø	inch	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1
Threads per inch	Nr	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	82,50	114,00	139,00	191,00	248,00	315,00	508,00	470,00

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. 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.



9082B
new



BSP HSS-E TiAlN

Ø	inch	1/16	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1
Threads per inch	Nr	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	123,00	106,00	140,00	227,00	269,00	323,00	424,00	470,00	537,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9082E
new

BSP 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	Nr	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	79,60	50,80	70,10	89,20	125,00	156,00	198,00	286,00

Ø	inch	1	1.1/8	1.1/4	1.3/8	1.1/2	1.3/4	2
Threads per inch	Nr	11	11	11	11	11	11	11
Overall length	mm	160	170	170	180	190	190	220
Thread length	mm	30	30	30	32	32	40	40
Shank Ø	mm	25	28	32	36	36	40	45
Shank square	mm	20	22	24	29	29	32	35
9082E	Each	261,00	464,00	537,00	671,00	700,00	949,00	1.100,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9084A
new

M HSS-E TIN
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	52,80	60,40	54,70	56,60	61,40	75,80	99,70

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	24	26	26	30	32	27	30
Shank Ø	mm	9	11	12	14	16	18	18
Shank square	mm	7	9	9	11	12	14,5	14,5
9084A	Each	116,00	177,00	185,00	288,00	305,00	300,00	269,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

9084B
new

MF HSS-E TIN
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	130,00	141,00	113,00	116,00	150,00	145,00	154,00

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	149,00	192,00	185,00	248,00	209,00	288,00	255,00

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	336,00	290,00	372,00	392,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.

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	Nr	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	62,30	58,50	67,10	75,80	105,00	108,00	94,90
Thread UNC		5/16	3/8	7/16	1/2	9/16	5/8	3/4
Threads per inch	Nr	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	118,00	135,00	167,00	168,00	269,00	242,00	351,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



9084E
new



UNC HSS-E TIN

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	Nr	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	67,10	62,30	69,10	78,60	106,00	122,00	125,00
Thread UNF		5/16	3/8	7/16	1/2	9/16	5/8	3/4
Threads per inch	Nr	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	135,00	135,00	168,00	192,00	244,00	259,00	307,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



9084F
new



UNF HSS-E TIN

Orig. Hartner - Art. 80904

Product description as Art. 9084A

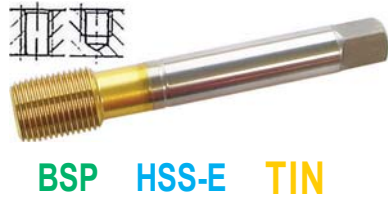
Reduced shank, for through and blind holes. Thread: cylindrical gas G - BSP - DIN 2189. Right-hand use.

Ø	inch	1/16	1/8	1/4	3/8	1/2	3/4
Threads per inch	Nr	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	107,00	143,00	176,00	246,00	319,00	338,00

For Ø holes for tapping see technical tables and tips Art. 8400 G - 8500 G.



9084L
new



BSP HSS-E TIN

MACHINE TAPS WITH DRILL

Orig. Völkkel - 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. 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	22,10	22,10	22,10	24,40	28,10	30,70	36,10

The material thickness must not exceed the size of 2 times the diameter (2 x D).



9088



M HSS-E

9089G



1/4"



M HSSG

Orig. Völkel - 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 screwers, 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	9,12	9,12	9,12	9,12	12,60	15,10

ASSORTMENT OF MACHINE TAPS COMBINED WITH BIT

9089L



1/4"



M HSSG

Orig. Völkel - 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	65,50
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SHORT TAPS FOR SCREWERS

9092



1/4"



M HSSG

Orig. Völkel - Art. 670

Short type, 1/4 - C 6.3hex drive suitable for use with screwers, drills, etc.

HSS, class 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	4,70	4,70	5,84	5,84	7,12	8,40	11,90	9,84

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	6,28	7,12	7,12	9,40	9,40	9,40	9,40

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	11,90	11,90	11,90

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	Nr	28
Overall length	mm	40,5
Thread length	mm	17
9092E	Each	9,98

HAND TAPS

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.



9092L

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	20,70	20,70	23,50	27,10	29,90	32,80	41,30



M HSSG

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	48,50	75,50	94,60	126,00	151,00	196,00	221,00

Orig. Völkel - Art. 677

Product description as Art. 9092L



9092P

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	22,50	22,50	20,80	34,50	26,20	22,50	38,50



MF HSSG

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	27,70	41,60	31,40	41,60	38,50	54,20	54,20

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	55,10	72,70	107,00	126,00	149,00	180,00	190,00

Available on request other Ø and pitches (from Ø 11 to 63).

Orig. Völkel - Art. 678

Product description as Art. 9092L



BSP HSSG 9092R

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	Nr	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	18,10	24,50	32,90	49,50	83,80	146,00	193,00	385,00



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.



M HSSG 9093

9093	Each	59,90
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9093A  **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 **204,00**
9093E  **MF 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 **280,00**
9093L  **BSP 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 **264,00**
9093P  **M HSSG**

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 **395,00**
9093R  **M HSSG**

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 **577,00**
9093T  **MF HSSG**

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 **556,00**

Orig. Völkel - Art. 260

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. 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	Per series	24,30	24,30	24,30	24,30	27,10	35,60	35,60
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	Per series	32,80	39,90	35,60	59,90	42,80	48,50	59,90
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	Per series	78,40	86,90	114,00	231,00	231,00		


9110G


LEFT USAGE

MF HSSG

Hand taps only finisher ISO END to use LEFT available on request.

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	Nr	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	Per series	17,60	17,60	17,10	17,10	17,10	19,30	21,40
9117G	Finisher	5,84	5,84	5,70	5,70	5,70	6,42	7,12
Ø	inch	7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	Nr	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	Per series	27,10	32,50	42,80	47,90	64,10	85,50	98,30
9117G	Finisher	8,98	10,90	14,30	16,10	21,40	28,50	32,80


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	Nr	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	Per series	11,40	11,40	12,90	14,30	18,10	21,70	31,90
9122G	Finisher	5,70	5,70	6,42	7,12	8,98	10,90	16,10
Ø	inch	3/4	7/8	1				
Threads per inch	Nr	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	Per series	42,80	57,10	65,50				
9122G	Finisher	21,40	28,50	32,80				


9120G
9122G

BSF HSSG

MACHINE LONG TAPS

9145G 

Orig. Vökel - 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.



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	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	18,60	18,60	20,10	20,10	22,80	29,90	42,10
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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	52,70	64,10	72,70	79,80	95,50	107,00
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MACHINE SHORT TAPS

9150G 

Orig. Vökel - Art. 615

HSSGE 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. Through holes.



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	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	5,14	5,14	5,28	5,70	6,70	8,12	11,70
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9151G 

Orig. Vökel - Art. 619

Product description as Art. 9150G

Correct chamfer. ALLZWECK type. Alternate threads for metals up to R 900 N/mm². Through holes.



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	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	7,98	7,98	8,26	8,26	8,84	11,10	13,70
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9154G 

Orig. Vökel - Art. 617

Product description as Art. 9150G

Semi-short chamfer. Helicoidal type with approx. 35° flute. For metals up to R 900 N/mm². Blind holes.



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	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	6,42	6,42	6,84	7,12	8,12	9,68	12,60
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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.


9162G

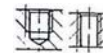
M HSS-E

Ø	mm	2	2,3	2,5	2,6	3	3,5	4	5	6	7	8	10
Pitch	mm	0,4	0,4	0,45	0,45	0,5	0,6	0,7	0,8	1	1	1,25	1,5
Overall length	mm	45	45	50	50	56	56	63	70	80	80	90	100
Thread length	mm	8	9	9	9	11	13	13	16	19	19	22	24
Shank Ø	mm	2,8	2,8	2,8	2,8	3,5	4	4,5	6	6	7	8	10
Shank square	mm	2,1	2,1	2,1	2,1	2,7	3	3,4	4,9	4,9	5,5	6,2	8
9162G	Each	9,40	9,40	9,40	9,40	7,70	8,70	7,70	8,12	8,12	11,30	9,84	12,10

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.


9164G

LEFT USAGE
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
9164G	Each	13,10	13,10	13,70	13,70	16,40	18,70

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. Through holes.


9170G

M HSS-E

Ø	mm	1	1,1	1,2	1,4	1,6	1,7	1,8	2	2,5	3	4	5	6	8	10
Pitch	mm	0,25	0,25	0,25	0,3	0,35	0,35	0,35	0,4	0,45	0,5	0,7	0,8	1	1,25	1,5
Overall length	mm	40	40	40	40	40	40	40	45	50	56	63	70	80	90	100
Thread length	mm	5	5	5	7	8	8	8	8	9	11	13	16	19	22	24
Shank Ø	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,8	2,8	3,5	4,5	6	6	8	10
Shank square	mm	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,7	3,4	4,9	4,9	6,2	8
9170G	Each	28,50	28,50	28,50	25,10	25,10	25,10	25,10	10,20	10,20	7,98	7,98	8,54	8,54	10,40	12,90

Orig. Völkel - Art. 320

Product description as Art. 9170G

 HSS-E. Correct chamfer. For metals up to R 900 N/mm², alloyed and unalloyed. Through holes.
 Type long and extra long.


9172G

M HSS-E

Type		3	4	4A	4B	5	5A	5B	6	6A	6B	8	8A	8B	10
Ø	mm	3	4	4	4	5	5	5	6	6	6	8	8	8	10
Pitch	mm	0,5	0,7	0,7	0,7	0,8	0,8	0,8	1	1	1	1,25	1,25	1,25	1,5
Overall length	mm	100	100	120	150	100	120	150	100	120	150	100	120	150	100
Thread length	mm	11	13	13	13	16	16	16	19	19	19	22	22	22	24
Shank Ø	mm	3,5	4,5	4,5	4,5	6	6	6	6	6	6	8	8	8	10
Shank square	mm	2,7	3,4	3,4	3,4	4,9	4,9	4,9	4,9	4,9	4,9	6,2	6,2	6,2	8
9172G	Each	11,40	11,40	12,10	12,70	12,10	13,10	14,10	12,10	13,10	14,10	14,60	15,30	17,30	15,30

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	24	24	29	29	29
Shank Ø	mm	10	10	12	12	12
Shank square	mm	8	8	9	9	9
9172G	Each	17,40	21,10	17,10	20,30	24,70

9174G



M HSS-E TIN

Orig. Völkel - Art. 315 TIN

Product description as Art. 9170G

HSS-E-TIN. Correct chamfer. For metals up to R 900 N/mm². Through holes. TIN coating.

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	12,40	12,40	13,10	13,90	17,10	22,10

9180G



INOX



M HSS-E VAP

Orig. Völkel - Art. 315 VAP

Product description as Art. 9170G

HSS-E. Correct chamfer. For metals up to R 900 N/mm², stainless steel. Through holes. Vaporized.

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	8,84	8,84	9,40	9,40	11,40	14,10

9186G



M HSS-E

Orig. Völkel - 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. 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	10,70	10,70	11,40	11,40	14,10	17,10

9187G



M HSS-E

Orig. Völkel - 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	10,90	10,90	11,70	11,70	14,40	17,10

9188G



M HSS-E

Orig. Völkel - Art. 377

Product description as Art. 9170G

HSSE-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.

Deep blind holes.

Ø	mm	1	1,1	1,2	1,4	1,6	1,7	1,8
Pitch	mm	0,25	0,25	0,25	0,3	0,35	0,35	0,35
Overall length	mm	40	40	40	40	40	40	40
Thread length	mm	4	4	4	5	6	6	6
Shank Ø	mm	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Shank square	mm	2,1	2,1	2,1	2,1	2,1	2,1	2,1
9188G	Each	31,40	31,40	31,40	28,50	28,50	28,50	28,50
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	
9188G	Each	9,54	9,54	10,40	10,40	12,60	15,40	

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Prices in EURO - VAT not included

Orig. Völkel - 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.

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	13,70	13,70	14,30	14,70	14,70	15,70	16,80

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	14,70	15,70	16,80	17,10	18,10	20,10	18,60

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	20,60	24,10	18,70	21,80	26,10



9190G



M HSS-E

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.

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	10,60	10,60	11,40	11,40	13,90	17,10



INOX

9192G



M HSS-E VAP

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. Deep blind holes.

TIN coating.

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	14,10	14,10	14,90	15,70	19,30	24,70



9196G



M HSS-E TIN

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. Through and blind holes.

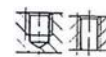
Vaporized.

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	16,40	18,30	19,80	19,80	23,70	27,80



INOX

9201G



M HSS-E VAP

9202G  **INOX**

M HSS-E TIN
Orig. Völkkel - Art. 356 TIN

Product description as Art. 9201G

 HSS-E. Short chamfer. Perfekt type, chipless. For aluminium and aluminium alloys, metals up to R 900 N/mm², stainless steel. Roll taps with coolant ejection channels. Through and blind holes. TIN coating.

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	19,30	21,10	22,40	23,30	28,20	34,50

9203G 

M HSS-E
Orig. Völkkel - 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, brass, copper, bronze, zinc. Through and 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
9203G	Each	15,60	17,30	18,80	18,80	22,50	26,50

9212G 

M HSS-E
Orig. Völkkel - 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	8,40	8,40	8,84	8,84	10,60	12,90	14,90
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	19,10	21,40	30,50	41,30	47,10	50,50	80,60
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	84,10	120,00	197,00				

9213G 

LEFT USAGE
M HSS-E
Orig. Völkkel - Art. 344

REDUCED 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	22,30	32,90	37,40	50,90	71,80	74,80	77,80

Orig. Völkel - Art. 385

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. 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
9218G	Each	8,70	8,70	9,26	9,26	11,20	13,40	15,60
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	
9218G	Each	20,10	22,40	31,90	43,20	49,60	52,70	



9218G



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, steel and steel alloys. 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	11,90	11,90	12,40	12,40	15,10	18,10	20,80
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	27,10	29,90	42,80	57,90	66,50	71,10	



9220G



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 80 Kg/sqmm. 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	12,10	12,10	12,40	12,40	15,10	18,10	20,80
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	27,10	29,90	43,30	58,30	66,50	71,10	



9232G



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. 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	10,60	10,60	11,20	11,20	13,30	16,10	18,60
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	24,10	27,10	38,50	51,30	59,90	64,10	



9260G



M HSS-E

9269G


VÖLKEL
 THREADING SOLUTIONS

INOX



M HSS-E TIN

Orig. Völkkel - 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, metals 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	46,50	67,40	78,20

MACHINE TAP WITH COLOURED RINGS

9271GL


VÖLKEL
 THREADING SOLUTIONS


M HSS-E

Orig. Völkkel - 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 chip materials.

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		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	12,40	12,40	13,60	13,60	15,70	21,70	27,80
Ø	mm	14	16	18	20			
Pitch	mm	2	2	2,5	2,5			
Overall length	mm	110	110	125	140			
Thread length	mm	30	32	34	34			
Shank Ø	mm	11	12	14	16			
Shank square	mm	9	9	11	12			
9271GL	Each	31,40	34,20	46,30	64,10			

9271GM

new


VÖLKEL
 THREADING SOLUTIONS


M HSSE-PM-TIN

Orig. Völkkel - Art. 300

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), 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		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	25,70	25,70	27,10	29,90	35,60	49,90	74,10	110,00	129,00

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 chip materials.

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	14,90	14,90	16,30	16,30	18,80	26,10	33,40

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	37,60	41,10	55,60	76,90

9271GP

M HSS-E
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	29,20	29,20	31,40	34,90	42,80	54,90	75,50	117,00	132,00

9271GR
new

M HSSE-PM-TIN
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	13,60	13,60	14,90	14,90	17,30	23,80	30,50

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	34,50	37,60	50,90	70,50

INOX 9272GL

M HSS-E VAP

Taps with similar characteristics for UNC, UNF and G (BSP) threads can be supplied on request.

9272GP **VÖLKEL** INOX
THREADING SOLUTIONS

M HSS-E VAP

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	16,30	16,30	17,80	17,80	20,70	28,50	36,60
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	41,30	45,20	61,10	84,60			

Taps with similar characteristics for UNC, UNF and G (BSP) threads can be supplied on request.

9272GR **VÖLKEL** INOX
THREADING SOLUTIONS

M HSS-E

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	12,40	12,40	13,60	13,60	15,70	21,70	27,80
Ø	mm	14	16	18	20			
Pitch	mm	2	2	2,5	2,5			
Overall length	mm	110	110	125	140			
Thread length	mm	30	32	34	34			
Shank Ø	mm	11	12	14	16			
Shank square	mm	9	9	11	12			
9272GR	Each	31,40	34,20	46,30	64,10			

9272GRE **VÖLKEL** INOX
new THREADING SOLUTIONS

M HSS-E TiCN

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.

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	16,80	16,80	18,10	18,80	22,40	30,90	41,90
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	47,10	51,30	69,10	86,80			

Orig. Völkel - 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.

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	14,90	14,90	16,30	16,30	18,80	26,10	33,40

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	37,60	41,10	55,60	76,90



INOX 9272GT



M HSS-E

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.

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	19,30	19,30	20,70	21,50	25,50	35,20	47,50

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	53,30	58,10	78,20	99,60



INOX 9272GTE *new*



M HSS-E TiCN

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	15,70	17,40	17,40	20,10	24,30



9273GA



M HSS-E

Orig. Völkel - Art. 351

BLACK ring.

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	13,60	13,60	14,90	14,90	17,30	23,80



9273GL



M HSS-E



9273GP **VÖLKEL**
THREADING SOLUTIONS



M HSS-E

Orig. Völkel - Art. 365

YELLOW collar.

Made of 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	14,90	14,90	16,30	16,30	18,80	26,10	33,40	37,60	41,10					

9273GT **VÖLKEL**
THREADING SOLUTIONS



M HSS-E

Orig. Völkel - Art. 357

ORANGE collar.

Made of 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).

Use Right.

For BRASS and short 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					
9273GT	Each	13,60	13,60	14,90	14,90	17,30	23,80	30,50	34,50	37,60					

MACHINE TAPS

9275G **VÖLKEL**
THREADING SOLUTIONS



MF HSS-E

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.

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	16,40	16,40	16,40	16,40	16,40	16,40	16,40	16,40	16,40	19,10	19,10	19,10	26,20	26,20	26,20	26,20
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	1,5	1	1,5	1	1,5	1	1,5	1	1,5	1	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	33,80	33,80	33,80	37,10	37,80	37,80	46,10	46,10	51,10	51,10	62,40	62,40	72,40	72,40	72,40	77,20
Ø	mm	26	27	27	28	30	30	30	32	33	34	34	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		
Overall length	mm	140	140	140	140	150	150	150	150	160	170	170	170	170	200		
Thread length	mm	28	28	28	28	28	28	28	28	30	30	30	30	30	56		
Shank Ø	mm	18	20	20	20	22	22	22	22	25	28	28	28	28	28		
Shank square	mm	14,5	16	16	16	18	18	18	18	20	22	22	22	22	22		
9275G	Each	77,20	92,10	92,10	92,10	104,00	104,00	104,00	127,00	127,00	127,00	127,00	159,00	159,00	159,00		

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.



9276G



LEFT USAGE

MF HSS-E

Ø	mm	3	4	5	6	8	8	10	10	12	12	12	14	14	14	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
Overall length	mm	56	63	70	80	80	90	90	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
Shank Ø	mm	2,2	2,8	3,5	4,5	6	6	7	7	9	9	9	11	11	11	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
9276G	Each	35,60	35,60	35,60	35,60	35,60	35,60	39,60	39,60	55,30	55,30	55,30	67,30	67,30	67,30	78,10

Ø	mm	16	18	18	20	20	22	22	24	24	26	27	28	30	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
Overall length	mm	100	110	110	125	125	125	125	140	140	140	140	140	150	150	150
Thread length	mm	22	25	25	25	25	25	25	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
Shank square	mm	9	11	11	12	12	14,5	14,5	14,5	14,5	14,5	16	16	18	18	18
9276G	Each	78,10	93,50	93,50	103,00	103,00	129,00	129,00	151,00	151,00	151,00	188,00	188,00	216,00	265,00	265,00

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.



9277G



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	110	
Thread length	mm	10	12	14	19	22	20	24	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	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	11	
9277G	Each	14,90	14,90	14,90	14,90	14,90	17,80	17,80	23,10	23,80	23,10	28,70	28,70	28,70	33,90	33,90	40,20

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	16	16	16	16	18	18
9277G	Each	40,20	40,20	43,80	43,80	43,80	55,30	55,30	64,70	64,70	64,70	64,70	80,80	80,80	80,80	92,60	92,60

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	119,00	149,00	149,00

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. Deep blind holes.



9284G



MF HSS-E

Ø	mm	3	4	4	5	6	8	8	10	10	12	12	12
Pitch	mm	0,35	0,35	0,5	0,5	0,5	0,75	1	1	1,25	1	1,25	1,5
Overall length	mm	56	63	63	70	80	80	90	90	100	100	100	100
Thread length	mm	5	5	5	5	5	8	10	10	16	11	15	15
Shank Ø	mm	2,2	2,8	2,8	3,5	4,5	6	6	7	7	9	9	9
Shank square	mm	-	2,1	2,1	2,7	3,4	4,9	4,9	5,5	5,5	7	7	7
9284G	Each	18,70	18,70	18,70	18,70	18,70	18,70	18,70	22,10	22,10	28,50	28,50	28,50

Ø	mm	14	14	14	16	16	18	20	22	24	24	27	30
Pitch	mm	1	1,25	1,5	1	1,5	1,5	1,5	1,5	1,5	2	2	2
Overall length	mm	100	100	100	100	100	110	125	125	140	140	140	150
Thread length	mm	11	15	15	12	15	17	17	17	20	20	20	22
Shank Ø	mm	11	11	11	12	12	14	16	18	18	18	20	22
Shank square	mm	9	9	9	9	9	11	12	14,5	14,5	14,5	16	18
9284G	Each	34,80	34,80	34,80	40,30	40,30	50,50	56,10	68,40	82,20	82,20	98,70	113,00

MACHINE TAP WITH COLOURED RINGS

9288G **INOX**



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 HSS-E VAP

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	23,50	23,50	23,50	23,50	27,50	27,50	37,60	37,60	47,10	54,20	65,80	73,10

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 HSS-E VAP

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	26,70	26,70	26,70	26,70	32,10	31,70	40,80	40,80	50,20	58,10	72,10	79,90

MACHINE TAPS

9292G



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.

BSW HSS-E

Ø	inch	1/8	3/16	1/4	5/16	3/8
Threads per inch	Nr	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	11,70	11,70	11,70	14,90	16,60

9293G



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. Deep blind holes.

BSW HSS-E

Ø	inch	1/8	3/16	1/4	5/16	3/8
Threads per inch	Nr	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	14,60	14,60	14,60	18,10	20,10

9298G



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.

BSW HSS-E

Ø	inch	1/2	5/8	3/4	7/8	1
Threads per inch	Nr	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	19,70	29,90	57,70	70,50	79,80

13

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. Deep blind holes.

Ø	inch	1/2	5/8	3/4	7/8	1
Threads per inch	Nr	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	24,50	36,20	72,10	87,50	98,30



9299G



BSW HSS-E

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	Nr	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	11,70	11,70	11,70	11,70	11,70	11,70



9307G



UNC HSS-E

Thread UNC		1/4	5/16	3/8
Threads per inch	Nr	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	11,70	14,90	16,60

Misura Nr. 2 in esaurimento.

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. Blind holes.

Thread UNC		Nr. 6	Nr. 8	Nr. 10	Nr. 12	1/4	5/16	3/8
Threads per inch	Nr	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	14,60	14,60	14,60	14,60	14,60	18,10	20,10



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	Nr	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	19,70	19,70	29,90	29,90	57,70	70,50	79,80



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. Blind holes.

Thread UNC		7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	Nr	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	24,50	24,50	36,20	36,20	72,10	87,50	98,30



9311GD



UNC HSS-E

9314G 

UNF 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	Nr	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	11,70	11,70	11,70	11,70	11,70	11,70	11,70	14,90	16,60

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. Deep blind holes.

Thread UNF		1/4	5/16	3/8
Threads per inch	Nr	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	14,60	18,10	20,10

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	Nr	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	19,70	19,70	29,90	57,70	79,80

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. Blind holes.

Thread UNF		7/16	1/2	5/8	3/4	1
Threads per inch	Nr	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	24,50	24,50	36,20	72,10	98,30

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	Nr	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	19,10	24,10	28,50	41,90	47,90	62,40	77,70
Ø	inch	1	1.1/8	1.1/4	1.3/8	1.1/2		
Threads per inch	Nr	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	96,40	142,00	171,00	223,00	241,00		

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	Nr	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	28,20	39,60	51,20	87,50	124,00	191,00


9321G
new

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	Nr	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	18,10	22,80	28,50	39,90	45,60	59,10	85,50

Ø	inch	1.1/8	1.1/4	1.3/8	1.1/2
Threads per inch	Nr	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	119,00	161,00	190,00	225,00


9322G

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	Nr	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	27,40	38,50	51,20	85,50	121,00	180,00


9323G
new

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. Deep blind holes.

Ø	inch	1/8	1/4	3/8	1/2	3/4	7/8	1
Threads per inch	Nr	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	21,40	27,50	34,20	47,90	71,80	84,50	105,00

Ø	inch	1.1/4	1.1/2
Threads per inch	Nr	11	11
Overall length	mm	170	190
Thread length	mm	30	32
Shank Ø	mm	32	36
Shank square	mm	24	29
9324G	Each	195,00	272,00


9324G

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	Nr	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	30,70	43,20	56,90	93,50	134,00	199,00


9325G
new

ROUND DIES

9350G **VÖLKEL** **M** **HSS**



Orig. Völkkel - 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	16,40	16,40	16,40	16,40	16,40	14,30	14,30	14,30	14,30	14,30	14,30	6,84	10,60	6,84
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	10,60	7,26	7,26	11,40	7,70	13,10	9,90	15,10	15,90	16,40	25,40	25,40	25,40	45,90
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	45,90	64,40	64,40	64,40	64,40	104,00	178,00	178,00	178,00					

9353G **VÖLKEL** **M** **HSS**



LEFT USAGE

Orig. Völkkel - 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 600 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	11,30	11,30	12,10	12,10	14,10	18,60	26,10
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	29,90	41,30	41,30	41,30	61,30	61,30	

9354G **VÖLKEL** **M** **HSS-E**



INOX

Orig. Völkkel - 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	11,10	11,10	11,40	11,40	16,10	23,10	36,20
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	36,20	54,60	54,60	54,60	97,20	97,20	

9357G **VÖLKEL** **MF** **HSS**



Orig. Völkkel - 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.

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	15,40	15,40	15,40	15,40	15,40	15,40	12,90	16,40	16,40	13,60	13,60	20,80	20,80	20,80
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	15,70	15,70	23,50	20,10	20,10	19,30	26,20	22,10	22,10	35,60	35,60	27,10	32,80	27,10
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	33,50	48,50	33,50	27,10	33,50	50,60	54,20	47,70	54,20	71,10	54,20	47,70	54,20	69,80

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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	69,80	69,80	69,80	79,80	79,80	79,80	79,80	79,80	79,80	79,80	79,80	113,00	79,80	79,80

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	79,80	113,00	79,80	113,00	79,80	79,80	79,80	129,00	129,00	129,00	129,00	129,00	129,00

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.

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	19,30	19,30	19,30	19,30	19,30	19,30	22,80	22,80

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	28,50	28,50	37,10	37,10	37,10	37,10	37,10	37,10

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	55,60	55,60	55,60	55,60	88,30	88,30	88,30	140,00


9358G


LEFT USAGE

MF HSS

Orig. Völkel - Art. 224

Product description as Art. 9350G

 BSW WHITWORTH THREAD, according to BS 84
 RIGHT-HAND USE.

HSS. Normal chamfer. For steel with R up to 800 N/mm².

Ø	inch	1/8	5/32	3/16	7/32	1/4	5/16	3/8
Threads per inch	Nr	40	32	24	24	20	18	16
Dimensions	mm	20x5	20x5	20x7	20x7	20x7	25x9	30x11
9360G	Each	14,30	14,30	14,30	14,30	14,30	16,40	18,10

Ø	inch	7/16	1/2	9/16	5/8	3/4	7/8	1
Threads per inch	Nr	14	12	12	11	10	9	8
Dimensions	mm	30x11	38x14	38x14	45x18	45x18	55x22	55x22
9360G	Each	21,10	23,50	29,10	31,80	31,80	49,20	49,20


9360G


BSW HSS

Orig. Völkel - Art. 228

Product description as Art. 9350G

 BSF FINE WHITWORTH THREAD (BS 84 STANDARD)
 RIGHT-HAND USE.

HSS. Normal chamfer. For steel 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	Nr	32	26	22	20	18	16	14
Dimensions	mm	20x7	20x7	25x9	30x11	30x11	38x10	45x14
9362G	Each	14,30	14,30	16,40	18,80	21,10	28,20	42,80

Ø	inch	3/4	7/8	1
Threads per inch	Nr	12	11	10
Dimensions	mm	45x14	55x22	55x22
9362G	Each	42,80	55,60	55,60


9362G


BSF HSS

Orig. Völkel - Art. 234

Product description as Art. 9350G

 UNC AMERICAN THREAD, according to ANSI-B1.1
 RIGHT-HAND USE.

HSS. Normal chamfer. For steel 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	Nr	64	56	48	40	40	32	32
Dimensions	mm	16x5	16x5	16x5	20x5	20x5	20x7	20x7
9364G	Each	26,80	26,80	26,80	18,60	18,60	18,60	18,60

Thread UNC		Nr. 10	Nr. 12	1/4	5/16	3/8	7/16	1/2
Threads per inch	Nr	24	24	20	18	16	14	13
Dimensions	mm	20x7	20x7	20x7	25x9	30x11	30x11	38x14
9364G	Each	18,60	18,60	14,30	16,40	18,10	21,10	23,50

Thread UNC		9/16	5/8	3/4	7/8	1
Threads per inch	Nr	12	11	10	9	8
Dimensions	mm	38x14	45x18	45x18	55x22	55x22
9364G	Each	29,10	31,80	31,80	49,20	49,20


9364G


UNC HSS

9366G 



UNF HSS

Orig. Völkel - Art. 244

Product description as Art. 9350G

UNF AMERICAN THREAD, according to ANSI-B1.1
RIGHT-HAND USE.

HSS. Normal chamfer. For steel with R up to 600 N/mm².

Thread UNF		Nr. 1	Nr. 2	Nr. 3	Nr. 4	Nr. 5	Nr. 6	Nr. 8
Threads per inch	Nr	72	64	56	48	44	40	36
Dimensions	mm	16x5	16x5	16x5	20x5	20x5	20x5	20x7
9366G	Each	26,80	26,80	26,80	18,60	18,60	18,60	18,60
Thread UNF		Nr. 10	Nr. 12	1/4	5/16	3/8	7/16	1/2
Threads per inch	Nr	32	28	28	24	24	20	20
Dimensions	mm	20x7	20x7	20x7	25x9	30x11	30x11	38x10
9366G	Each	18,60	18,60	14,30	16,40	18,10	21,10	23,50
Thread UNF		9/16	5/8	3/4	7/8	1		
Threads per inch	Nr	18	18	16	14	12		
Dimensions	mm	38x10	45x14	45x14	55x16	55x16		
9366G	Each	29,10	31,80	31,80	49,20	49,20		

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.

HSS. Normal chamfer. For steel 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	Nr	28	19	19	14	14	14	14
Dimensions	mm	30x11	38x10	45x14	45x14	55x16	55x16	65x18
9368G	Each	21,40	21,40	28,50	28,50	47,70	47,70	64,40
Ø	inch	1	1.1/8	1.1/4	1.3/8	1.1/2	1.3/4	2
Threads per inch	Nr	11	11	11	11	11	11	11
Dimensions	mm	65x18	75x20	75x20	90x22	90x22	105x22	105x22
9368G	Each	64,40	98,30	98,30	167,00	167,00	349,00	349,00

9370G 



NPT HSS

Orig. Völkel - Art. 236

Closed type, fully ground.

NPT AMERICAN THREAD - Taper 1:16.
RIGHT-HAND USE.

HSS. Normal chamfer. For steel 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	Nr	27	18	18	14	14	11 1/2	11 1/2	
Dimensions	mm	30x11	38x14	45x14	45x18	55x22	65x25	75x26	
9370G	Each	45,60	55,60	69,80	69,80	113,00	167,00	197,00	
Ø	inch	1.1/2	2						
Threads per inch	Nr	11 1/2	11 1/2						
Dimensions	mm	90x27	105x28						
9370G	Each	321,00	425,00						

9372G 



BSPT 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	Nr	28	19	19	14	14	11	11
Dimensions	mm	38x11	38x16	50x18	50x22	50x24	63x28	75x32
9372G	Each	22,80	22,80	46,30	46,30	46,30	76,90	104,00

9374G 



PG HSS

Orig. Völkel - Art. 258

Closed, completely ground.

PG thread in accordance with DIN 40430.

USE RIGHT

In steel HSS, normal chamfer, for steels with R up to 800 N/mm².

Ø	inch	7	9	11	13,5	16	21	29
Threads per inch	Nr	20	18	18	18	18	16	16
Dimensions	mm	38x10	45x14	45x14	45x14	55x16	65x18	65x18
9374G	Each	52,70	64,10	64,10	64,10	75,50	117,00	117,00

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Prices in EURO - VAT not included

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	14,10	14,10	14,10	14,10	15,10	15,10	17,70	24,30

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	24,30	34,20	34,20	34,20	58,40	69,80	107,00	107,00


9376G

new



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
Pitch	mm	0,5	0,5	0,75	0,75	1	1	1,25
Dimensions	mm	19x5	19x5	19x7	22x9	22x9	27x11	27x11
9377G	Each	27,10	27,10	27,10	28,50	28,50	28,50	28,50

Ø	mm	12	12	12	14	14	14	16
Pitch	mm	1	1,25	1,5	1	1,25	1,5	1
Dimensions	mm	36x10	36x10	36x10	36x10	36x10	36x10	41x14
9377G	Each	39,90	39,90	39,90	45,60	45,60	45,60	55,60

Ø	mm	16	16	18	20	22	24	24
Pitch	mm	1,25	1,5	1,5	1,5	1,5	1,5	2
Dimensions	mm	41x14	41x14	41x14	41x14	50x16	50x16	50x16
9377G	Each	55,60	55,60	58,40	58,40	85,50	85,50	85,50

Ø	mm	27	30
Pitch	mm	2	2
Dimensions	mm	60x18	60x18
9377G	Each	129,00	129,00


9377G

new



MF

HSS

EXTENSION HOLDERS FOR TAPS

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	4,00	4,00	4,00	4,00	4,00	4,84	5,70

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	4,56	5,14	5,56	6,84	8,54	9,40	12,40

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	15,10	19,60	27,10	28,50	33,50	42,80


9380G


COMPLETE TAPS AND DIES SETS

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	78,40
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M

HSS-E

9384G

new



9385G VÖLKEL 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 enameled steel case.

9385G	Each	139,00
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9387G GEDORE M HSS



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	337,00
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9388G VÖLKEL M 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
Threading die holders Ø	mm	20x5-20x7-25x9-30x11-38x14
Adjustable tap wrench	Gr	1 + 2

9388G	Each	220,00
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9390G VÖLKEL 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
Threading 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	441,00
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Orig. Völkel - Art. 49201

Product description as Art. 9390G

For threads	M.	3-4-5-6-8-10-12-14-16-18-20
Threading 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	442,00

VÖLKEL M HSS 9392G
THREADING SOLUTIONS



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
Threading 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		688,00	932,00

VÖLKEL M HSS 9395G 9396G
THREADING SOLUTIONS



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
Threading die holders Ø	mm	20x7-25x9-30x11-38x10-45x14
Adjustable tap wrench	Gr	1 + 3
9400G	Each	627,00

VÖLKEL MF HSS 9400G
THREADING SOLUTIONS



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
Threading die holders Ø	mm	20x7-25x9-30x11-38x14-45x18
Adjustable tap wrench	Gr	1 + 3
9400GA	Each	591,00

VÖLKEL BSW HSS 9400GA
THREADING SOLUTIONS



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
Threading die holders Ø	mm	20x7-25x9-30x11-38x14-45x18
Adjustable tap wrench	Gr	1 + 3

9400GB	Each	591,00
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9400GC  **UNF** **HSS**

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
Threading die holders Ø	mm	20x7-25x9-30x11-38x14-45x14
Tap wrench	Gr	1 + 3

9400GC	Each	520,00
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9400GD  **UNC** **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 dies 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
Threading die holders Ø	mm	20x7-25x9-30x11-38x14-45x18
Tap wrench	Gr	1 + 3

9400GD	Each	955,00
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9400GE  **BSP** **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
Threading die holders Ø	mm	30x11-38x10-45x14-55x16-65x18
Adjustable tap wrench	Gr	1 + 3 + 5

9400GE	Each	1.040,00
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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 **76,90**



9400GH



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 **89,00**



9400GI



M HSS-E

Orig. Völkel - Art. 47835

M Coarse metric thread.
HSS-E machine taps, 1pc for size, correct chamfer for deep through 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 enameled steel case.

9400GL Each **91,20**



9400GL



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 **106,00**



9400GP



M HSS-E

HSS-Co 5% STANDARD TAPS

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	20	22
Pitch	mm	2	2,5	2,5	2,5
9400GT	Per series	73,20	129,00	138,00	163,00

For similar hand tap sets see Art. 9095 G.
Product running out of stock

SCU INOX 9400GT



M HSS-Co

HSS TAPS AND DIES

9401G SCU M HSS
9401GF



Prod. SCU
 HAND TAPS – HSS steel. RIGHT-HAND USE.
 M Coarse Metric Thread. DIN 352. Tolerance H6.

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	Per series	11,80	11,80	6,26	6,16	6,38	6,56	6,80
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	Per series	9,38	11,20	12,30	18,30	23,60	31,50	40,50
For threads	mm	22	24	27	30			
Pitch	mm	2,5	3	3	3,5			
9401G	Per series	46,70	51,10	62,60	87,10			

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	2,18	2,14	2,22	2,28	3,26	3,88	4,28
For threads	mm	14	16	18	20			
Pitch	mm	2	2	2,5	2,5			
9401GF	Each	6,38	8,22	11,10	14,20			

9401GS SCU M HSS



LEFT HAND USAGE

HAND TAPS – HSS steel. RIGHT-HAND USE.
 M Coarse Metric Thread. DIN 352. Tolerance H6.

3pcs set.

For threads	mm	18	20	22	24
Pitch	mm	2,5	2,5	2,5	3
9401GS	Per series	104,00	123,00	174,00	192,00

For similar hand tap sets see Art. 9103 G.

9402G SCU MF HSS



HAND TAPS – HSS steel. RIGHT-HAND USE.
 MF Fine Metric Thread. DIN 2181. Tolerance H6.

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	Per series	11,60	12,80	13,30	16,30	13,90	18,30	15,10	22,50
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
9402G	Per series	17,40	16,80	24,90	24,20	21,40	27,30	22,50	34,40
For threads	mm	20	22	24	24	27	30		
Pitch	mm	1,5	1,5	1,5	2	2	2		
9402G	Per series	37,70	47,70	54,20	56,50	81,80	96,50		

9403GF SCU BSF HSS



HSS HAND TAPS. RIGHT-HAND USE.
 Thread: BSF Whitworth Pitch. DIN 2181. Tolerance H6.

Set: 2 pcs.

For threads	inch	3/16	5/16	1/2	5/8
Threads per inch	Nr	32	22	16	14
9403GF	Per series	24,50	29,30	46,50	63,60

For similar hand tap sets see Art. 9120 G.
 Product running out of stock

9404GC SCU UNC HSS



HAND TAPS – HSS steel. RIGHT-HAND USE.
 UNC American Thread. DIN 352-ANSI-B1-1. Tolerance H6.

3pcs set.

Thread UNC		Nr. 8	Nr. 10	Nr. 12	9/16
Threads per inch	Nr	32	24	24	12
9404GC	Per series	36,70	40,20	40,20	86,60

For similar hand tap sets see Art. 9125 G.
 Product running out of stock

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HAND TAPS – HSS steel. RIGHT-HAND USE.
UNF American Thread. DIN 2181-ANSI-B1-1. Tolerance H6.

2pcs set.

		Nr. 6	Nr. 8	Nr. 12
Thread UNF	Nr	40	36	28
Threads per inch	Nr	40	36	28
9404GF	Per series	31,70	31,70	31,70

For similar hand tap sets see Art. 9130 G.
Product running out of stock

SCU UNF HSS 9404GF



SHORT HAND/MACHINE TAPS. Made from 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	Nr	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	41,10	45,70	59,00	78,20	108,00	161,00	279,00

SCU NPT HSS 9404GR



SHORT HAND/MACHINE TAPS. Made from 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	Nr	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	50,10	57,10	69,20	89,40	121,00	175,00	283,00

SCU BSPT HSS 9404GS



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	7,98	7,98	7,98	8,52	10,40	11,60

SCU M HSS 9405GA



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	13,00	13,30	13,60	8,98	15,10	17,80	13,50
For threads	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
9405GB	Each	16,70	19,70	27,10	28,20	34,20	37,70	

SCU M HSS 9405GB



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	20	22	24
Pitch	mm	1,5	1,75	2,5	2,5	3
9405GBR	Each	16,10	19,50	40,80	49,30	54,30

For similar machine tap sets see Art. 9212 G.
Product running out of stock

SCU M HSS 9405GBR



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	20	22
Pitch	mm	0,5	1	2,5	2,5	2,5
9405GD	Each	14,80	15,60	46,70	49,80	60,70

For similar machine tap sets see Art. 9232 G.
Product running out of stock

SCU M HSS 9405GD



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	9,70	9,70	9,70	10,20	11,60	13,50

SCU M HSS 9405GE



9405GF SCU M HSS



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	16,80	17,70	17,70	17,80	18,70	23,40	18,00
For threads	mm	14	16	18	20	22	24	
Pitch	mm	2	2	2,5	2,5	2,5	3	
9405GF	Each	21,60	25,20	34,20	36,30	40,60	78,50	

HSS-E STANDARD TAPS

9405GH SCU M HSS-E



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

9405GHA SCU M HSS-E



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

9405GL SCU M HSS-E



MACHINE TAPS FOR NUTS – 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	14,30	15,70	17,30	18,20	22,50	26,20	33,70
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	42,70	49,50	57,10	62,20	110,00	130,00	

INOX

9405GM SCU M HSS-E



LEFT USAGE

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

9405GMA SCU M HSS-E



LEFT USAGE

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

**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	22
Pitch	mm	0,5	0,75	1	1,25	1	1	1,5
9405GR	Each	33,30	38,60	39,20	46,50	42,10	61,30	112,00
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**
SCU MF HSS-E 9405GR


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**
SCU MF HSS-E 9405GRA


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	14	16	20
Pitch	mm	0,5	1,25	1,5	1	1,25	1	1,5
9405GRE	Each	32,10	49,70	44,90	59,20	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**
SCU MF HSS-E 9405GRE


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	3/8				
Threads per inch	Nr	20	16				
9405GS	Each	18,40	25,10				

**For similar machine tap sets see Art. 9292 G.
Product running out of stock**
SCU BSW HSS-E 9405GS


Product description as Art. 9405GR

Reduced shank, chamfer suitable for though holes.

Thread: Whitworth pitch DIN 376 B. Tolerance H6.

For threads	inch	1/2	7/8	1			
Threads per inch	Nr	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**
SCU BSW HSS-E 9405GSA


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	1/8	1/4	5/16	3/8		
Threads per inch	Nr	40	20	18	16		
9405GSB	Each	21,10	22,90	26,40	30,80		

**For similar machine tap sets see Art. 9293 G.
Product running out of stock**
SCU BSW HSS-E 9405GSB


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	1/2	5/8	3/4	7/8	1		
Threads per inch	Nr	12	11	10	9	8		
9405GSC	Each	31,40	45,60	103,00	114,00	147,00		

**For similar machine tap sets see Art. 9299 G.
Product running out of stock**
SCU BSW HSS-E 9405GSC


9405GT SCU BSP HSS-E



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 Nr 11 11
9405GT Each **182,00 325,00**

For similar machine tap sets see Art. 9320 G.
 Product running out of stock

9405GTA SCU BSP HSS-E



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 Nr 19 14
9405GTA Each **49,10 132,00**

For similar machine tap sets see Art. 9324 G.
 Product running out of stock

9405GV SCU UNC HSS-E



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 Nr 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

9405GVA SCU UNC HSS-E



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 Nr 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

9405GVB SCU UNC HSS-E



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 Nr 18
9405GVB Each **35,30**

For similar machine tap sets see Art. 9309 G.
 Product running out of stock

9405GVC SCU UNC HSS-E



Product description as Art. 9405GR
 Reduced shank, 35° spiral flute, for deep blind holes.
 Thread: UNC American. DIN 376 C. Tolerance H6.
 Thread UNC **7/16 9/16 3/4 7/8 1**
 Threads per inch Nr 14 12 10 9 8
9405GVC Each **51,40 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

9406GA SCU M HSS



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 **4,02 5,86 3,26 3,30 3,16 3,84 5,40**
 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 **3,84 6,12 9,84 10,40 15,80 16,50 16,80**
 For threads mm **22 24 27 30**
 Pitch mm 2,5 3 3 3,5
 Dimensions mm 55x22 55x22 65x25 65x25
9406GA Each **25,30 28,10 36,30 39,60**

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

SCU M HSS 9406GD



LEFT USAGE

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 **9,56 9,56 9,56 9,84 9,84 11,40 11,40 16,20**
 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 **16,20 16,20 17,40 17,40 17,40 24,40 24,40 24,80**
 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 **25,80 35,80 40,30 40,30 50,50 53,70**

SCU MF HSS 9406GF



Product description as Art. 9406GF
 Whitworth Thread. DIN 223. 6g tolerance.
 For threads inch **5/8**
 Threads per inch Nr 11
 Dimensions mm 45x18
9406GL Each **31,20**

For similar screw dies see Art. 9360 G.
 Product running out of stock

SCU BSW HSS 9406GL



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 Nr 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

SCU BSF HSS 9406GM



Product description as Art. 9406GF
 NPT American Conic Thread, taper 1:16. DIN 223. 6g tolerance.
 Per filett. inch **1/8 3/8 1/2**
 Filetti per pollice Nr 27 18 14
 Dimensions mm 30x11 45x18 45x18
9406GV Each **73,90 97,50 157,00**

For similar chains see Art. 9370 G
 Product running out of stock

SCU NPT HSS 9406GV



Product description as Art. 9406GF
 BSPT Conical GAS Thread, taper 1:16. DIN 5159. 6g tolerance.
 Per filett. inch **1.1/4**
 Filetti per pollice Nr 11
 Dimensions mm 75x26
9406GZ Each **293,00**

For similar chains see Art. 9372 G
 Product running out of stock

SCU BSPT HSS 9406GZ



COMPLETE TAPS AND DIES SETS
9407GS **SCU** **M** **HSS**

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 **104,00**
9407GT **VÖLKEL** **M** **HSS**

Orig. Vökel - 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 **200,00**
9408GA **VÖLKEL** **M** **HSS**

Orig. Vökel - Art. 47001

The set contains:

HSS hand taps, 1 series for each size 3-4-5-6-8-10-12 M.

In enameled cast iron case.

9408GA Each **98,30**
9408GE **VÖLKEL** **M** **HSS**

Orig. Vökel - 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 **129,00**
9408GH **VÖLKEL** **M** **HSS**

Orig. Vökel - 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 **147,00**

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 **527,00**

VÖLKEL M HSS **9408GP**
THREADING SOLUTIONS



CHROME STEEL TAPS AND DIES

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	Per series	7,22	4,90	4,90	5,10	5,10	6,78	6,58	9,08
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	Per series	8,60	11,50	11,50	14,10	17,20	22,10	27,20	

SCU M **9410**



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	Per series	6,42	4,46	4,46	4,60	4,60	5,94	5,94
For threads	mm	9	10	11	12	14	16	
Pitch	mm	1,25	1,5	1,5	1,75	2	2	
9412	Per series	7,84	7,84	10,50	10,20	12,60	15,10	

SCU M **9412**



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	2,88	1,90	1,90	1,98	1,98	2,52	3,28
For threads	mm	12	14	16				
Pitch	mm	1,75	2	2				
9414	Each	4,14	5,36	6,40				

SCU M **9414**



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	Per series	4,60	5,94	7,84	7,84	10,20	10,20	12,60
For threads	mm	14	16	18	20			
Pitch	mm	1,5	1,5	1,5	1,5			
9416	Per series	12,60	15,10	18,30	27,60			

SCU MF **9416**



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	Nr	28	19	19	14	14	11
9424	Per series	7,46	9,88	12,40	18,90	30,90	51,10

SCU GAS **9424**



9430 **SCU**

M



ROUND DIES – CHROME steel. RIGHT-HAND USE.
M Coarse Metric Thread.

Type		2	3	4	5	6	7	8
For threads	mm	2	3	4	5	6	7	8
Pitch	mm	0,4	0,5	0,7	0,8	1	1	1,25
Threading die Ø	mm	25,4	25,4	25,4	25,4	25,4	25,4	25,4
9430	Each	8,78	6,32	6,32	5,32	5,32	5,48	5,32
Type		8A	9	10	10A	11	12	14
For threads	mm	8	9	10	10	11	12	14
Pitch	mm	1,25	1,25	1,5	1,5	1,5	1,75	2
Threading die Ø	mm	38,1	25,4	25,4	38,1	38,1	38,1	38,1
9430	Each	7,56	5,40	5,32	7,64	8,78	7,56	7,56
Type		16	16A	18	20			
For threads	mm	16	16	18	20			
Pitch	mm	2	2	2,5	2,5			
Threading die Ø	mm	38,1	50,8	50,8	50,8			
9430	Each	7,56	14,40	14,40	14,80			

9432 **SCU**

MF



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
Threading die Ø	mm	25,4	25,4	38,1	38,1	38,1	38,1	38,1
9432	Each	7,12	7,12	10,70	10,70	10,80	10,80	10,80
For threads	mm	14	16	18	20			
Pitch	mm	1,5	1,5	1,5	1,5			
Threading die Ø	mm	38,1	38,1	38,1	50,8			
9432	Each	10,80	10,80	10,80	21,40			

9436 **SCU**

GAS



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	Nr	28	19	19	14	14	11
Threading die Ø	mm	38,1	38,1	38,1	50,8	50,8	63,5
9436	Each	8,60	8,60	8,60	18,10	18,10	37,10

9440 **SCU**

M



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	230,00
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9448 **SCU**

M



Product description as Art. 9440

The set contains: br>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	375,00
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9455 **SCU**

M

MF



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	415,00
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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 dies 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 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 **484,00**



9456
new

On request can be supplied the nutscrews in boxes with taps and dies Whitworth threads, UNC, UNF.

UNIVERSAL ADJUSTABLE THREAD RESTORERS

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 18
Capacity	inch	5/32 to 11/16
Weight	grams	225

9457GA Each **82,40**

Two spare blades for Art. 9457 GA.

O9457GA Per pair **26,20**

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 **120,00**

Two spare blades for Art. 9457 GB.

O9457GB Per pair **38,60**

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 **308,00**

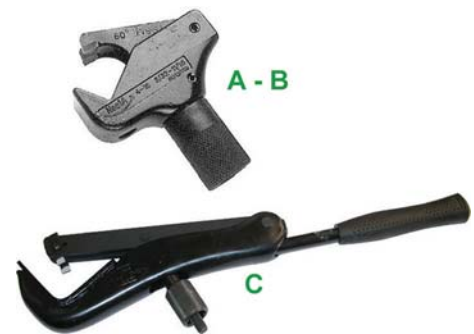
Couple of spare blades for Art. 9457 GC.

O9457GC Per pair **47,20**

SCU

60°

9457GA
9457GB
9457GC



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 **82,40**

Two spare blades for Art. 9457 GE.

O9457GE Per pair **26,20**

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 **120,00**

Two spare blades for Art. 9457 GF.

O9457GF Per pair **35,60**

SCU

55°

9457GE
9457GF



9458GA
9458GB

60°


Universal type for INSIDE threads, suitable for 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	90,80
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Spare blade for Art. 9458 GA.

O9458GA	Each	16,80
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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	93,50
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Spare blade for Art. 9458 GB.

O9458GB	Each	17,10
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9458GC
9458GE

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	98,50
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Spare blade for Art. 9458 GC.

O9458GC	Each	17,40
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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	132,00
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Spare blade for Art. 9458 GE.

O9458GE	Each	18,20
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9458GF

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	231,00
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Spare blade for Art. 9458 GF.

O9458GF	Each	21,10
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Blades for 55° threads and for articles 9458 GA-B-C-E-F available on request.

ASSORTMENTS OF THREAD REPAIR TOOLS

9459GA



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	211,00
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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 **349,00**

SCU

9459GE



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 **267,00**

SCU

9459GL



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

SCU

9459GM



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

SCU

9459GP



DIE HOLDERS

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 threading dies Ø UNI STANDARDS mm	-	-	-	20,6	-	25,4	-
For threading dies Ø DIN STANDARDS mm	16	20	20	-	25	-	30
For threading dies thickness mm	5	7	5	-	9	-	11
9460	Each	9,98	11,80	11,80	11,80	13,60	13,60
Type	38	38A	38,1	45	45A	50,8	55
For threading dies Ø UNI STANDARDS mm	-	-	38,1	-	-	50,8	-
For threading dies Ø DIN STANDARDS mm	38	38	-	45	45	-	55
For threading dies thickness mm	10	14	-	14	18	-	16
9460	Each	15,50	15,50	15,50	20,90	20,90	25,40
Type	55A	63,5	65	65A	75	75A	
For threading dies Ø UNI STANDARDS mm	-	63,5	-	-	-	-	
For threading dies Ø DIN STANDARDS mm	55	-	65	65	75	75	
For threading dies thickness mm	22	-	18	25	20	30	
9460	Each	25,40	36,30	45,40	45,40	60,80	60,80

SCU

9460



9465G



Orig. Völkel - Art. 150
 DIN 225 (DIN EN 22568). High-resistance die cast. Body with finely worked seat, lacquered. With adjusting and fixing screws.
 Extra quality.

Ø and thickness	mm	16x5	20x5	20x7	25x9	30x11	38x10	38x14
9465G	Each	3,84	4,00	4,00	4,56	7,40	11,60	11,60
Ø and thickness	mm	45x14	45x18	55x16	55x22	65x18	65x25	
9465G	Each	14,10	14,10	18,10	18,10	30,50	30,50	

9467G



Orig. Völkel - Art. 152
 DIN 225 (DIN EN 22568). High-resistance steel. Body with finely worked seat, lacquered with polished bars. With adjusting and fixing screws.
 Extra quality.

Ø and thickness	mm	45x18	55x22	65x25	75x20	75x30	90x22	90x36
9467G	Each	23,10	32,90	41,20	69,10	69,10	85,50	85,50
Ø and thickness	mm	105x22	105x36					
9467G	Each	131,00	131,00					

PIPE DIE HOLDERS

9468
9469
9470



Prod. SCU
 Made of 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		30,20	40,40	51,10

ADJUSTABLE TAP WRENCHES

9472



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	16,40	16,40	23,60	33,80	45,40
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	59,10	92,50	92,50		

9476G



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	4,84	5,28	5,28	8,54	16,10
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	29,70	45,60			

9478G



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	7,12	8,12	8,12	14,40	22,80
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	42,80	67,10	78,40	129,00	

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Prices in EURO - VAT not included

ADJUSTABLE MINI TAP WRENCHES

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.



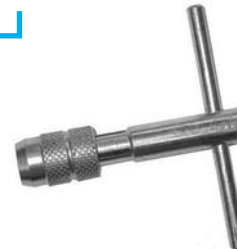
9481G

9481G	Each	53,10
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TAP WRENCHES WITH JAW CHUCK

Prod. SCU

Made of steel. With 4 hardened jaws.
For threading in difficult to access positions.
Short type.



9482

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	4,90	9,98	9,98	11,80	20,90

Product description as Art. 9482

Long type.



9484

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	11,80	11,80	13,60	20,90

Product description as Art. 9482

Very long type.



9486

Size	1	2	3	4	
For tap up to 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	13,60	16,40	18,20	27,20

Orig. Schröder

Short type, high quality.
Fully made of steel. Collet with 2 hardened jaws.
Burnished finish.



9490G

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	11,40	14,70

Short ratchet type, high quality.

For fixed, right and left-hand use. Collet with 2 hardened jaws.
Chrome-plated finish.



9492G

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	17,00	14,10	18,40	77,20

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.



9492GE

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	11,40	13,60

9494G



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	22,10	27,40

9494GE



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	18,60	22,80

EXTENSIONS FOR TAP WRENCHES WITH JAW CHUCK

9495G



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	14,10	18,60

TAP WRENCHES WITH JAW CHUCK AND HEXAGONAL SHANK

9496G



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	8,88	12,10

9496GA

new



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	11,10	16,10

TAP WRENCHES WITH JAW CHUCK AND SQUARE SHANK 1/4

9497GA



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	28,90
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DIE STOCKS WITH SQUARE SHANK 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 \varnothing 20mm.

9497GL


9497GL	Each	36,80
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Assortment threading containing the Art. 9497 GA and GL 9497 see Art. 9387 G.
INOX THREADED RIVETS
Orig. V-Coil

DIN 8140

Suitable for thread regeneration. Free sliding. In rhomboidal-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.

INOX
9500G
THREADED INSERTS ONLY

 Packing units: 100pcs, not sold separately, up to \varnothing 12mm. From \varnothing 14mm up to 16mm packing units: 50pcs, \varnothing 18mm and 20mm packing units: 25pcs, \varnothing 22 and 24mm packing units: 10pcs.

M MF

Type	M	3 0.5	4 0.7	5 0.8	5 0.8A	5 0.8B	6 1	6 1A	6 1B	7 1	8 1	8 1.25	8 1.25A	8 1.25B	9 1.25
\varnothing	mm	3	4	5	5	5	6	6	6	7	8	8	8	8	9
Pitch	mm	0,5	0,7	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	9	6	12	10,5	12	12	8	16	13,5
Supplier code.....		07305	07307	07308	07208	07408	07309	07209	07409	07310	07312	07311	07211	07411	07313
9500G	Each	0,22	0,22	0,20	0,24	0,26	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
\varnothing	mm	10	10	10	10	10	10	12	12	12	12	12	12	12	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
Thread length	mm	15	10	15	15	10	20	18	12	18	18	18	12	24	21
Supplier code.....		07317	07216	07316	07315	07215	07415	07324	07223	07323	07322	07321	07221	07421	07327
9500G	Each	0,36	0,34	0,36	0,36	0,34	0,42	0,56	0,48	0,56	0,56	0,56	0,48	0,64	0,78
Type	M	14 1.25A	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
\varnothing	mm	14	14	14	14	14	16	16	18	20	20	22	24	24	24
Pitch	mm	1,25	1,25	1,25	1,5	2	1,5	2	2,5	2	2,5	2,5	1,5	2	3
Thread length	mm	8,4	12,4	16,4	21	21	24	24	27	30	30	33	36	36	36
Supplier code.....		07128	07228	07328	07326	07325	07335	07334	07336	07340	07339	07342	07347	07346	07345
9500G	Each	0,78	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

 \varnothing 14x1.25 A/B/C are suitable for sparks. Additional diameters up to M52 available on request.

Product description as Art. 9500G

SEPARATE THREADED INSERTS, LENGTH 1.5x \varnothing

Packs of 100 pcs, not sold separately.

Thread \varnothing UNC	inch	Nr. 2	Nr. 4	Nr. 5	Nr. 6	Nr. 8	Nr. 10	Nr. 12
Threads per inch	Nr.	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 \varnothing UNC	inch	1/4	5/16	3/8	7/16	1/2		
Threads per inch	Nr.	20	18	16	14	13		
Supplier code.....		08307	08308	08309	08310	08311		
9500GA	Each	0,30	0,44	0,56	0,74	0,74		

INOX
9500GA

UNC

Product description as Art. 9500G

SEPARATE THREADED INSERTS, LENGTH 1.5x \varnothing

Packs of 100 pcs, not sold separately.

Thread \varnothing UNF	inch.	Nr. 4	Nr. 6	Nr. 8	Nr. 10	1/4	5/16	3/8
Threads per inch	Nr.	48	40	36	32	28	24	24
Supplier code.....		08390	08391	08392	08393	08325	08326	08327
9500GB	Each	0,68	0,68	0,68	0,28	0,28	0,38	0,56
Thread \varnothing UNF	inch.	7/16	1/2					
Threads per inch	Nr.	20	20					
Supplier code.....		08328	08329					
9500GB	Each	0,74	0,74					

INOX
9500GB

UNF

**9500GE** **INOX****BSW**

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	Nr.	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

9500GF **INOX****BSF**

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	Nr.	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

9500GL **INOX****BSP**

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	Nr.	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

9501G **M****MF**

TAPS FOR THREADED INSERTS

Special type for housing threaded inserts Art. 9500 G.

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	8,26	8,26	8,26	8,26	10,30	10,30	10,30	12,60	12,60	12,60	12,60	17,40	17,40	17,40
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	14,30	19,80	19,80	19,80	25,10	25,10	31,40	34,60	34,60	39,90	50,30	50,30	50,30	

9501GA **UNC/NC**

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	12,60	12,60	12,60	12,60	12,60	12,60	12,60

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	8,26	8,98	9,40	12,60	14,30

9501GB **UNF/NF**

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	12,60	12,60	12,60	12,60	8,26	8,98	9,40

For threads UNF		7/16	1/2
Pre-hole Ø	mm	11,5	13,0
Supplier code		03158	03159
9501GB	Each	12,60	14,30

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	8,26	8,26	8,26	8,98	9,40	12,60	14,30



9501GE

BSW

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	8,26	8,26	8,98	9,40	12,60	14,30



9501GF

BSF

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	11,90	15,10	19,40	31,70	46,50	46,50	74,10



9501GL

BSP

APPLICATION TOOLS

For mounting threaded inserts Art. 9500 G to 9500 GF.



9502GA

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	8,12	8,12	8,12	8,12	8,12
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	8,12	8,12	9,26	9,26	9,98
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	9,98	11,70	11,70	14,10	14,10
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	15,40	15,40	15,40	19,40	19,40

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	8,12	8,12	8,12	8,12	9,26	9,98	11,70



1/4"

9502GAR

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	Nr.	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	13,30	13,30	15,40	17,70	22,10	22,10	30,80



1/4"

1/2"

9502GAS



9502GAT **V-COIL**
THREAD INSERT SYSTEM



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	11,40	11,40	11,40	11,40	14,10	15,40	17,10

9502GB **V-COIL**
THREAD INSERT SYSTEM



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	3,42	3,42	3,42	3,42	3,42	3,42
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	3,84	3,84	3,84	4,64	4,64	

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).

9502GC **V-COIL**
THREAD INSERT SYSTEM



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	17,10	20,80

9503G **V-COIL**
THREAD INSERT SYSTEM



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	10x1,25	10x1,5
Ø punta	mm	3,2	4,2	5,2	6,3	7,3	8,3	8,3	9,3	10,3	10,3	10,4
Insert quantity	Nr	20	20	20	20	20	20	20	15	15	15	15
Applying tool	Gr	4	6	8	9	10	11	11	12	13	13	13
Cutting tool	Gr	4	6	8	9	11	11	11	12	13	13	13
Supplier code.....		04005	04007	04009	04010	04011	04013	04012	04014	04018	04017	04016
9503G	Each	29,40	29,40	30,50	32,90	41,90	41,90	41,90	46,50	44,80	44,80	44,80
Ø for male pitch	mm	12x1	12x1,25	12x1,5	12x1,75	14x1,25	14x1,5	14x2	16x1,5	16x2	18x2,5	20x2
Ø punta	mm	12,3	12,3	12,4	12,4	-	-	-	-	-	-	-
Insert quantity	Nr	10	10	10	10	10	10	10	10	10	5	5
Applying tool	Gr	15	15	15	15	17	16	16	18	18	20	21
Cutting tool	Gr	15	15	15	15	-	-	-	-	-	-	-
Supplier code.....		04024	04023	04022	04021	04030	04029	04028	04033	04032	04034	04038
9503G	Each	50,20	50,20	50,20	50,20	56,10	56,10	56,10	68,10	68,10	80,60	87,30
Ø for male pitch	mm	20x2,5	22x2,5	24x1,5	24x2	24x3						
Ø punta	mm	-	-	-	-	-						
Insert quantity	Nr	5	5	5	5	5						
Applying tool	Gr	21	22	23	23	23						
Cutting tool	Gr	-	-	-	-	-						
Supplier code.....		04037	04040	04045	04044	04043						
9503G	Each	87,30	101,00	116,00	116,00	116,00						

For the diameter of not supplied drill tips see Art. 9500 G.

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 threads		2x56	4x40	5x40	6x32	8x32	10x24
Ø punta	mm	2,4	3,1	3,4	3,8	4,4	5,2
Insert quantity	Nr	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 threads		12x24	1/4x20	5/16x18	3/8x16	7/16x14	1/2x13
Ø punta	mm	5,8	6,7	8,3	9,9	11,6	13
Insert quantity	Nr	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



9503GA



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 UNFxn. of threads		4x48	6x40	8x36	10x32	1/4x28	5/16x24
Ø punta	mm	3	3,8	4,4	5,1	6,7	8,3
Insert quantity	Nr	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 UNFxn. of threads		3/8x24	7/16x20	1/2x20
Ø punta	mm	9,8	11,5	13
Insert quantity	Nr	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



9503GB



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.

ØxNo. of threads	pollxNr.	1/8x40	3/16x24	1/4x20	5/16x18	3/8x16	7/16x14	1/2x12
Ø punta	mm	3,4	5	6,7	8,3	9,9	11,5	13
Insert quantity	Nr	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



9503GE



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.

ØxNo. of threads	pollxNr.	3/16x32	1/4x26	5/16x22	3/8x20	7/16x18	1/2x16
Ø punta	mm	5	6,6	8,3	9,9	11,5	13
Insert quantity	Nr	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	51,10	56,10



9503GF



BSF

9504A

V-COIL
 THREAD INSERT SYSTEM

M

**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	69,10
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The insert drill 14x1,25 A/14x1,25 B/14x1,25 C (not included) must be Ø 14.4mm.

9504C
new
V-COIL
 THREAD INSERT SYSTEM

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 12x1,75 / 12x1,75A / 12x1,75B

HSS 5 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
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9504E

V-COIL
 THREAD INSERT SYSTEM

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	213,00
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9504G

V-COIL
 THREAD INSERT SYSTEM

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
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The insert drill 14x1.25C (not included) must be Ø 14.5mm.

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**



M

9504P



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**



M

9504R



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 **1.860,00**



M

9510G



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



INOX

9515GA



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



9515GB



9515GE **V-COIL**
THREAD INSERT SYSTEM**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 71,20

9516GA **V-COIL** INOX
THREAD INSERT SYSTEM**Orig. V-Coil - Art. 19147**

Socket model, particularly suitable for reconfiguring LAMBDA M 18 x .5. STAINLESS steel.

Inseparable packages with 10 PCs.

Ø mm 18

Pitch mm 1,5

Thread length mm 9

9516GA Each 12,70

9516GB **V-COIL**
THREAD INSERT SYSTEM**Orig. V-Coil - Art. 19149**

Spring model, particularly suitable for reconfiguring LAMBDA M 18 x .5. X 750 stainless steel sensor threads.

Inseparable packages with 10 PCs.

Ø mm 18

Pitch mm 1,5

Thread length mm 9

9516GB Each 11,40

9516GC **V-COIL**
THREAD INSERT SYSTEM**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 25,70

9516GE **V-COIL**
THREAD INSERT SYSTEM**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 35,60

9516GF **V-COIL**
THREAD INSERT SYSTEM**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

THREADED PLUGS

Orig. V-Coil

Particularly suitable for tanks and engine oil sumps.
In galvanised steel. Pack contains 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	Per pack	37,10	37,10	37,10



9518GA

SEAL RINGS FOR THREADED PLUGS ART. 9518 GA

In copper. Pack contains 25 pcs. (Price per pack).

Int Ø	mm	15	17
Ext. Ø x thickness	mm	19x1,5	21x1,5
For threaded screws 9518gA Ø	mm	13/15	17
Supplier code.....		19140	19141
9518GB	Per pack	11,40	11,40



9518GB

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



9518GE

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	92,60
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9518GR

FRET SAWS

Prod. SCU

For cutting WOOD, normal toothing. Length 130mm.

Size	0	1	2	3	4	5	7
9538G	Per gross	20,40	20,40	20,40	20,40	20,40	22,10

Minimum order: 1 gross for size.



9538G



For cutting WOOD, spaced toothing. Length 130mm.

Size	0	1	2	3	4	5	6	7
9540G	Per gross	21,90	21,90	21,90	21,90	21,90	21,90	24,10

Minimum order: 1 gross for size.



9540G



For cutting METALS, fine toothing. Extra quality. Length 130mm.

Size	4/0	3/0	2/0	0	1	2	3
9547G	Per gross	52,40	44,70	44,70	44,70	44,70	44,70
Size	4	5	6	7	9		
9547G	Per gross	44,70	51,10	57,70	60,70	70,60	

Minimum order: 1 gross for size.



9547G



9549G

SCU



For cutting RUBBER, PLASTIC, WOOD, etc., kinked toothing. Length 130mm.

Size		1	2	3	4	5
9549G	Per gross	34,60	34,60	34,60	37,90	42,90

Minimum order: 1 gross for size.

HAND BLADES HIGH SPEED STEEL

9563G

GUHEMA



Orig. Guhema-HSS flex - Art. ASA 0300 pcs

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	Nr	24

9563G	Each	1,18
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Packing unit: 100 pieces.

9563GL

GUHEMA



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	Nr	24

9563GL	Each	1,48
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Packing unit: 100 pieces.

9563GP

GUHEMA



HSS

Orig. Guhema-Super HSS flex-allhard - Art. AD 0300 P

Flexible type, completely hardened by vacuum treatment.

Waved toothing. HSS Dmo 5 (Material no. 1.3343).

Blade suitable for cutting material with very high resistance up to 120 Kg/sqmm.

Bores int. length	inch	12
Bores int. length	mm	300
Width	mm	13
Thickness	mm	0.60
Teeth per inch	Nr	24

9563GP	Each	1,62
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Packing unit: 100 pieces.

Product running out of stock

9564GA

GUHEMA

9564GB

9564GE



Trihard

HSS-Co

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 austenic 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	Nr	18	24	32
Toothing		straight-set	straight-set	ondulated
Supplier code		AK0300NZ	AK0300PRZ	AK0300QZ
Each		1,40	1,40	1,40

Packing unit: 100 pieces.

Orig. Guhema-Bi-Lastic

Bi-metal type, flexible and unbreakable.
Teeth and back hardened by vacuum treatment.
HSS steel tothing 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	Nr	18	24	32	22/32 variable
Tothing		ondulated	ondulated	ondulated	ondulated
Supplier code.....		ASF0300N	ASF0300P	ASF0300Q	ASF0300R
Each		1,48	1,48	1,48	1,48

Packing unit: 100 pieces.


 9565GA
9565GB
9565GE
9565GF


Bimetallic

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	Nr	24
9565GT	Each	4,16

Packing unit: 100 pieces.



9565GT



Bimetallic

HSS

MACHINE HACKSAW BLADES HSS
Orig. Guhema-Super HSS

STANDARD tothing.
HSS Dmo 5. Flexible and shock-resistant.
For cutting steel with resistance up to 120 kg/sqmm.



9568G



HSS

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	Nr	10	14	6	10	14	6	10	14	6	10	6	10	14	4	6	10
9568G	Each	7,14	7,14	7,90	7,90	7,90	9,28	9,28	9,28	11,20	11,20	10,50	10,50	10,50	12,80	12,80	12,80
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	Nr	4	6	8	10	4	6	6	4	6	10	4	6	8	10	4	6
9568G	Each	17,30	17,30	17,30	17,30	19,40	19,40	14,20	19,20	19,20	19,20	21,80	21,80	21,80	21,80	24,30	24,30
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	Nr	8	4	6	6	4	6	4	6	4	6	4	6	4	6		
9568G	Each	24,30	27,40	27,40	30,20	34,10	34,10	45,70	45,70	51,40	51,40	55,90	55,90	60,10	60,10		

Packing unit: 10 pieces.

9569G



HSS-Co

Orig. Guhema-Brillant

STANDARD toothing.

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 austenitic 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	Nr	6	10	4	6	8	10	4	6
9569G	Each	12,80	12,80	21,10	21,10	21,10	23,40	26,60	26,60
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	Nr	4	6	6	4	4	6	4	6
9569G	Each	33,40	33,40	41,40	55,50	62,60	62,60	68,10	68,10

Packing unit: 10 pieces.

9571G



INOX



HSS-Co

Orig. Guhema-Brillant Future

VARIABLE positive toothing 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	Nr	8/10	6/8	6/8	8/10	4/6	4/6	3/4
9571G	Each	10,20	12,10	22,40	22,40	25,10	28,20	31,40
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	Nr	4/6	3/4	4/6	3/4	3/4	3/4	
9571G	Each	35,40	39,20	43,90	58,90	66,40	72,20	

Pack of 10 pieces.

9572G



Bimetallic

HSS

Orig. Guhema-Bi-lastic

STANDARD toothing.

In bi-metal steel. DMo5 HSS steel toothing. 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	Nr	10	10	4	6	10	4	6
9572G	Each	10,70	13,10	20,60	20,60	20,60	23,20	23,20
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	Nr	10	4	6	6	6	4	4
9572G	Each	23,20	38,70	38,70	42,60	46,50	50,10	54,20

Packing unit: 10 pieces.

VARIABLE positive tooting for reducing cutting times and vibrations and improving blade and machine life.

In bi-metal steel. DM05 HSS steel tooting. 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	Nr	6/8	4/6	8/10	4/6	8/10	4/6	4/6
9574G	Each	13,90	22,10	22,10	24,80	24,80	41,40	45,50

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	Nr	4/6	3/4	3/4
9574G	Each	49,70	53,80	57,90

Packing unit: 10 pieces.



Bimetallic

HSS

Orig. Guhema-Super HSS

For KASTO sawing machines. STANDARD tooting.

In DM05 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	Nr	6	4	6	4	6	4	6
9576G	Each	17,60	19,80	19,80	24,30	24,30	42,30	42,30

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	Nr	4	6	4	6	4	4
9576G	Each	34,10	34,10	49,10	49,10	61,10	67,50

Packing unit: 10 pieces.



HSS

METAL CUTTING CIRCULAR SAW BLADES

Prod. SCU

Universal type. FINE tooting. DIN 1837-UNI 4013 (5° angle). In DM05 HSS steel.

Type		50A	50C	50E	50F	63A	63C	63E
Ø	mm	50	50	50	50	63	63	63
Thickness	mm	0,3	0,5	0,8	1	0,3	0,5	0,8
Bore	mm	13	13	13	13	16	16	16
Teeth	Nr	128	100	80	80	128	128	100
9581A	Each	21,30	19,10	19,10	19,10	23,80	22,10	22,10

Type		63F	63L	80C	80E	80F	80L	80P
Ø	mm	63	63	80	80	80	80	80
Thickness	mm	1	1,2	0,5	0,8	1	1,2	1,5
Bore	mm	16	16	22	22	22	22	22
Teeth	Nr	100	80	128	128	100	100	100
9581A	Each	22,10	22,60	25,50	25,50	25,70	26,60	28,20

Type		100C	100E	100F	100L	100P	100R	125L
Ø	mm	100	100	100	100	100	100	125
Thickness	mm	0,5	0,8	1	1,2	1,6	2	1,2
Bore	mm	22	22	22	22	22	22	22
Teeth	Nr	160	128	128	128	100	100	128
9581A	Each	29,70	29,70	29,70	30,40	36,70	41,10	44,70

Type		125P	125R	150L	150P	150R	200L	200P
Ø	mm	125	125	150	150	150	200	200
Thickness	mm	1,6	2	1,2	1,6	2	1,2	1,6
Bore	mm	22	22	32	32	32	32	32
Teeth	Nr	128	128	160	160	128	200	160
9581A	Each	46,90	49,50	64,80	74,10	86,90	92,10	95,60

Type		200R	200S
Ø	mm	200	200
Thickness	mm	2	2,5
Bore	mm	32	32
Teeth	Nr	160	160
9581A	Each	103,00	112,00

SCU

9581A



15° ANGLE

HSS

9581B SCU HSS


15° ANGLE

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	Nr	48	48	40	64	48	48	48
9581B	Each	25,70	28,20	30,80	29,70	36,70	41,10	46,40
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	Nr	64	64	80	80	80	80	80
9581B	Each	46,90	49,50	74,10	86,90	95,60	103,00	112,00

METAL CUTTING CIRCULAR SAW BLADES FOR CUTTING-OFF MACHINES
9590 SCU HSS


Prod. SCU

Suitable for cutting steel, cast iron and metals.
In DMo5 HSS steel.
With universal dragging holes. Hole 32mm.
Tothing 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	Nr	130	140	160	180	180	200	220
9590	Each	78,80	86,10	93,40	117,00	149,00	165,00	194,00

Product description as Art. 9590

Tothing 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	Nr	160	180	200	220	220	240	280
9591	Each	76,10	86,10	93,40	125,00	154,00	167,00	204,00

Product description as Art. 9590

Tothing 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	Nr	200	220	250	280	300	300	350
9592	Each	78,80	86,10	93,40	125,00	154,00	167,00	194,00

9595E SCU HSS-Co


VAPORIZED

Suitable for cutting stainless steel.
In Co5 HSS steel.
Anti-seizure sprayed treatment.
With universal dragging holes. Hole 32mm.
Tothing 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	Nr	130	140	160	180	180	200	220
9595E	Each	103,00	112,00	122,00	162,00	200,00	217,00	265,00

Product description as Art. 9595E

Tothing 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	Nr	160	180	200	220	220	240	280
9595F	Each	103,00	112,00	122,00	154,00	200,00	217,00	265,00

Product description as Art. 9595E

Tothing 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	Nr	200	220	250	280	300	300	350
9595L	Each	103,00	112,00	122,00	162,00	200,00	219,00	265,00

INOX

9595P SCU HSS


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	Nr	232	300	320
9595P	Each	123,00	101,00	165,00

CARBIDE TIPPED CIRCULAR SAWS

Orig. Schumacher - Art. Combi-33

For universal use.

Alternate sharpened tooting for combined cutting of profiles and pipes in aluminium, brass, copper, plastic and wood, even coated.

Type		180 A	210
Ø	mm	180	210
Thickness	mm	2,8	2,8
Bore	mm	20	30
Teeth	Nr	48	54
9596G	Each	147,00	117,00

Size 180A is running out of stock

H.O. Schumacher-Sohn **HARTMETALL**

9596G



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	Nr	80	60	80	96	72	96	84
9597G	Each	113,00	95,20	113,00	132,00	110,00	132,00	135,00

Type		350 F	400 E
Ø	mm	350	400
Thickness	mm	3,4	3,6
Bore	mm	32	32
Teeth	Nr	108	96
9597G	Each	156,00	171,00

SCU

HARTMETALL

9597G



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	Nr	48	60	80	60	80	70	90
9597GR	Each	101,00	118,00	136,00	119,00	138,00	156,00	185,00

SCU

HARTMETALL

9597GR



REDUCTIONS FOR ART. 9596 G TO 9597 GR.

Diameter 16mm to 13mm.

09597GA Each **5,50**

Diameter 20mm to 16mm.

09597GB Each **5,50**

Diameter 30mm to 20mm.

09597GE Each **5,50**

Diameter 30mm to 25mm.

09597GH Each **5,50**

Diameter 32mm to 30mm.

09597GM Each **5,50**

EASY CUT GREASE

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**

SCU

9599G



METAL CUTTING BANDSAW BLADES

9600G

SCU



Prod. SCU

In alloy steel. For unalloyed steel and iron up to R. 70Kg sqmm.
STANDARD toothing.
In 30m reels, non-cuttable.

Type		6E	6F	6L	6P	6R	8E	8F	8L	
Width	mm	6	6	6	6	6	8	8	8	
Thickness	mm	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	
Teeth per inch	Nr	8	10	14	18	22	8	10	14	
9600G	Per meter	2,16	2,16	2,16	2,16	2,16	2,44	2,44	2,44	
Type		8P	8R	10B	10C	10E	10F	10L	10P	
Width	mm	8	8	10	10	10	10	10	10	
Thickness	mm	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	
Teeth per inch	Nr	18	22	4	6	8	10	14	18	
9600G	Per meter	2,44	2,44	2,44	2,44	2,44	2,44	2,44	2,44	
Type		10R	13B	13C	13F	13L	16B	16C	16F	
Width	mm	10	13	13	13	13	16	16	16	
Thickness	mm	0,65	0,65	0,65	0,65	0,65	0,8	0,8	0,8	
Teeth per inch	Nr	22	4	6	10	14	4	6	10	
9600G	Per meter	2,44	2,66	2,66	2,66	2,66	3,48	3,48	3,48	
Type		16L	20B	20C	20F	20L	25B	25C	25E	
Width	mm	16	20	20	20	20	25	25	25	
Thickness	mm	0,8	0,8	0,8	0,8	0,8	0,9	0,9	0,9	
Teeth per inch	Nr	14	4	6	10	14	4	6	8	
9600G	Per meter	3,48	3,92	3,92	3,92	3,92	4,66	4,66	4,66	
Type		25F	25L							
Width	mm	25	25							
Thickness	mm	0,9	0,9							
Teeth per inch	Nr	10	14							
9600G	Per meter	4,66	4,66							

METAL CUTTING BI-METAL BANDSAW BLADES

9605G

SCU

INOX



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 30m reels, non-cuttable.
STANDARD toothing.

Type		6F	6L	10F	10L	12L	12P	13F
Width	mm	6	6	10	10	13	13	13
Thickness	mm	0,9	0,9	0,9	0,9	0,65	0,65	0,9
Teeth per inch	Nr	10	14	10	14	14	18	10
9605G	Per meter	12,20	12,20	11,90	11,90	9,86	9,86	10,40
Type		13L	20C	20F	27B	27C	27E	27F
Width	mm	13	20	20	27	27	27	27
Thickness	mm	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Teeth per inch	Nr	14	6	10	4	6	8	10
9605G	Per meter	10,40	11,10	11,10	11,80	11,80	11,80	11,80
Type		27L	34B	34C				
Width	mm	27	34	34				
Thickness	mm	0,9	1,1	1,1				
Teeth per inch	Nr	14	4	6				
9605G	Per meter	11,80	15,10	15,10				

9607G

SCU

INOX



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 30m reels, non-cuttable.

Type		10R	12P	12R	13L	13P	13R	20E
Width	mm	10	13	13	13	13	13	20
Thickness	mm	0,9	0,65	0,65	0,9	0,9	0,9	0,9
Teeth per inch	Nr	10/14	8/12	10/14	6/10	8/12	10/14	4/6
9607G	Per meter	11,90	9,86	9,86	10,40	10,40	10,40	11,10
Type		20F	20L	20P	20R	27B	27E	27F
Width	mm	20	20	20	20	27	27	27
Thickness	mm	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Teeth per inch	Nr	5/8	6/10	8/12	10/14	3/4	4/6	5/8
9607G	Per meter	11,10	11,10	11,10	11,10	11,80	11,80	11,80
Type		27L	27P	27R	34B	34E	34L	
Width	mm	27	27	27	34	34	34	
Thickness	mm	0,9	0,9	0,9	1,1	1,1	1,1	
Teeth per inch	Nr	6/10	8/12	10/14	3/4	4/6	6/10	
9607G	Per meter	11,80	11,80	11,80	15,10	15,10	15,10	

Prices in EURO - VAT not included

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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 Nr	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	40,80	40,80	40,80	41,90	41,90	41,90	41,90	41,90	41,90	42,50	42,50	42,50	42,50	42,50	42,50	42,80
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 Nr	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	42,80	42,80	42,80	42,80	42,80	44,50	44,50	44,50	44,50	47,50	47,50	47,50	47,50	47,50	47,50	48,50
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 Nr	4/6	5/8	6/10	8/12	10/14											
Each	48,50	48,50	48,50	48,50	48,50											

Other ring models and sizes available on request: minimum quantity 5 rings per type.

GROUND AND TREATED BARS

9688

SCU



HSS-E

Prod. SCU

HSS-E Cobalt 10%.

SQUARE. Tolerance H 14 -DIN 4964B.

Dimensions mm	4x80	5x100	6x100	6x160	6x200	8x100	8x160
9688 Each	7,06	8,38	7,06	11,50	14,40	12,10	16,40
Dimensions mm	8x200	10x100	10x125	10x160	10x200	12x100	12x125
9688 Each	19,10	16,40	18,20	23,30	28,70	20,50	24,80
Dimensions mm	12x160	12x200	14x125	14x160	14x200	16x125	16x160
9688 Each	31,50	37,90	31,70	38,90	45,20	37,00	45,40
Dimensions mm	16x200	18x200	20x160	20x200	25x160	25x200	
9688 Each	53,80	85,10	69,50	85,90	113,00	137,00	

9689

SCU



HSS-E

Product description as Art. 9688

RECTANGULAR. Tolerance h 13 – DIN 4964D.

Dimensions mm	4x8x100	4x10x100	4x10x160	4x16x200	4x20x160	4x20x200
9689 Each	10,10	10,10	18,10	30,10	27,20	33,40
Dimensions mm	5x10x160	5x10x200	5x20x160	5x20x200	6x10x200	6x12x200
9689 Each	19,30	23,80	29,70	36,80	24,60	24,20
Dimensions mm	6x16x200	6x20x200	8x12x200	8x20x200	8x25x200	10x16x200
9689 Each	38,90	39,90	28,00	57,30	58,50	45,10
Dimensions mm	10x20x200	10x25x200	12x20x200	12x25x200	15x20x200	15x25x200
9689 Each	63,40	69,50	73,60	73,60	113,00	109,00

9690

SCU



HSS-E

Product description as Art. 9688

TRAPEZOIDAL. Tolerance h 12 – DIN 4964E.

Dimensions mm	3x12x160	3x20x200	4x16x160	4x20x200	5x20x160
9690 Each	16,40	43,10	30,70	45,10	43,10
Dimensions mm	5x20x200	6x25x200			
9690 Each	53,20	90,10			

9691

SCU



HSS-E

Product description as Art. 9688

ROUND. Tolerance h 8 – DIN 4964A.

Dimensions mm	2x40	3x63	4x63	4x80	4x100	5x63	5x80
9691 Each	6,34	4,30	4,70	5,22	6,14	4,70	5,94
Dimensions mm	5x100	6x63	6x80	6x100	6x160	6x200	8x63
9691 Each	6,76	6,14	6,76	7,78	11,70	15,10	7,36
Dimensions mm	8x80	8x100	8x160	8x200	10x80	10x100	10x160
9691 Each	8,80	10,10	16,20	19,70	11,30	13,10	19,10
Dimensions mm	10x200	12x125	12x160	12x200	14x125	14x160	14x200
9691 Each	24,20	21,70	26,40	31,70	26,60	34,80	45,10
Dimensions mm	16x125	16x160	16x200	18x200	20x160	20x200	
9691 Each	34,60	44,10	53,60	61,40	60,30	75,70	

PLANING AND TURNING TOOL HOLDERS
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.


9708G

Size K	6	12
Toolholder length	mm 125	240
Toolholder section	mm 18x12	35x25
Bar dimensions	mm 6x63	12x125
Height from base to cutting edge	mm 15	29
9708G	Each 228,00	475,00



Product running out of stock

"Orkan-S" bars, hardness HRC 65-67. For Art. 9708 G.

Size K	12
Bar dimensions	mm 12x125
9710G	Each 45,10


9710G

HSS-E

Product running out of stock

TURNING TOOL HOLDERS
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.


9711G
new

Size	mm	6	8	10	12	16
Toolholder length	mm	125	145	165	180	210
Toolholder section	mm	11x18	12,5x20	14x26	16x30	20x32
Square bars section	mm	6x6	8x8	10x10	12x12	16x16
Height from base to cutting edge	mm	14	16	20	23	28
9711G	Each	102,00	113,00	139,00	156,00	175,00


CUTTING TOOL HOLDERS
Prod. SCU

Hardened steel body. Right execution. Toolholder without bar.
 For bars see Art. 9712 GA.


9712G
new

Size	1	2	3
Toolholder length	mm 125	150	150
Toolholder section	mm 16/19x24	17/21x27,5	17/22x33
Bar dimensions	mm 12x3x2,2	14,5x4x3	17,5x5x4
Height from base to cutting edge	mm 16	20	25
9712G	Each 74,50	96,40	128,00



HSS-E Cobalt 10% bars, HRC 66. For Art. 9712 G.

Size	1	2	3
Bar dimensions	mm 125x12x3/2,2	150x14,5x4/3	150x17,5x5/4
9712GA	Each 43,80	46,50	56,10


9712GA
new

HSS-E
TURNING OFF TOOL HOLDERS
Prod. SCU

Treated steel body.
 Safe locking system.
 Tool holder without bar.
 For bars see Art. 9717 G.


9716G

Size	1	2	3
Bar dimensions	mm 75x8x2/1,5	100x10x2,5/2	125x12x3,5/3
Height from base to cutting edge	mm 12	14	16
Toolholder length	mm 100	125	160
Toolholder section	mm 16x11	18x11	22x12
9716G	Each 52,40	66,90	73,60



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	125x12x2,5/3
9717G	Each 25,70	30,70	41,80


9717G

HSS-E

TOOL HOLDERS AND BARS FOR INSIDE USE
9720G**Orig. Hufnagel**

Tool holder.
Treated steel, for bars Art. 9721 G to 9725 G.
Without bar.

Overall length	mm	120
For bars Gr.	BN	5-7-10-13-16
Section	mm	16x16
Cut height	mm	8
9720G	Each	49,70

Product running out of stock**9721G****HSS-E**

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		5	10	16
Overall length	mm	60	65	100
Drive length	mm	35	45	78
Drive Ø	mm	8	8	10
For bore by Ø min	mm	5	10	16
9721G	Each	48,70	56,60	93,50

Product running out of stock**9724G****60° HSS-E**

Product description as Art. 9721G

Bars for 60° Metric thread.

Size BN		13	16
Overall length	mm	75	100
Drive length	mm	42	78
Drive Ø	mm	10	10
For bore by Ø min	mm	13	16
9724G	Each	73,30	98,20

Product running out of stock
TOOL HOLDERS FOR INSIDE USE
9728G**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		12	15	20	28
Iron rest overall length	mm	110	130	150	180
Iron rest section	mm	24x20	31x28	37x32	53x50
Stem length and Ø	mm	200x12	250x15	300x20	500x28
For bore by Ø min	mm	16	22	29	38
Blades length	mm	15	20	26	36
Height from base to cutting edge	mm	13,5/15,5	16,5/20,5	21/24	30/33
9728G	Each	78,40	81,50	132,00	204,00

Product running out of stock**9729G**

Product description as Art. 9728G

Straight shank without blades for Art. 9728 G.

Size PB		20	28
Iron rest overall length	mm	150	180
Iron rest section	mm	37x32	53x50
Stem length and Ø	mm	300x20	500x28
For bore by Ø min	mm	29	38
Blades length	mm	26	36
Height from base to cutting edge	mm	21/24	30/33
9729G	Each	123,00	194,00

Product running out of stock

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 cutting edge	mm	30/33		
9730G	Each		194,00	

Product running out of stock

9730G


Product description as Art. 9728G

HSS 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

9731G

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

9732G

55°
HSS-E

Product description as Art. 9728G

HSS-E blades for 60° Metric thread, for Art. 9729 G and 9730 G.

Size PB		12	20	28
Blades length	mm	15	26	36
9733G	Each	15,80	27,80	41,80

Product running out of stock

9733G

60°
HSS-E

Product description as Art. 9728G

Solid carbide blades for turning, for Art. 9729 G and 9730 G.

Size PB		15	20	28
Blades length	mm	20	26	36
9734G	Each	45,60	67,30	124,00

Product running out of stock

9734G

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	28
Blades length	mm	15	20	26	36
9735G	Each	36,80	45,60	67,30	124,00

Product running out of stock

9735G

55°
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	28
Blades length	mm	15	20	26	36
9736G	Each	36,80	45,60	67,30	124,00

Product running out of stock

9736G

60°
HARTMETALL
Prod. SCU

For internal turning and threading.

Treated steel body.

Ground and hardened shank.

Ground and hardened blades, HSS-E Cobalt 10%.

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 cutting edge	mm	10	14	20	23,5	27,5
9748G	Each	48,20	63,70	117,00	153,00	190,00

SCU
9748G


9749G

SCU



Product description as Art. 9748G
Shanks for tool holder Art. 9748 G.

Size	10	13	20	28	32	
Length x shaft Ø	165x10	245x13	325x20	385x28	450x32	
9749G	Each	21,70	28,10	38,10	64,90	76,40

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	42,60	61,20	99,20	263,00	275,00

9751G

SCU



HSS-E

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	mm 14	22	30	44	54	
9751G	Each	42,60	61,20	99,20	263,00	275,00

9752G

SCU

55°



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	mm 14	22	30	44	54	
9752G	Each	42,60	61,20	99,20	263,00	275,00

9753G

SCU

60°



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	mm 14	22	30	44	54	
9753G	Each	42,60	61,20	99,20	263,00	275,00

9754G

SCU



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	mm 14	22	30	44	54	
Blades thickness for grooves	mm 3	4	6	9	10	
9754G	Each	42,60	61,20	99,20	263,00	275,00

TAPPING HOLDERS

9758G

SCU



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	3	
Drive section	mm 22x10	29x13	32x25	
Overall length	mm 140	170	220	
9758G	Each	212,00	234,00	328,00

Size 3 is running out of stock

9759G

SCU

55°



HSS

Product description as Art. 9758G
Blades for 55° Whitworth threads, for Art. 9758 G.

Size	1	2	3	
9759G	Each	73,50	73,60	107,00

Size 3 is running out of stock

9760G

SCU

60°



HSS

Product description as Art. 9758G
Blades for 60° Metric threads, for Art. 9758 G.

Size	1	2	3	
9760G	Each	73,50	73,60	107,00

Size 3 is running out of stock

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Prices in EURO - VAT not included

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.



9762G

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

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



HSS-E

9763G



Product running out of stock

Product description as Art. 9762G

"Orkan-200" bars. Hardness HRC 68, for Art. 9762 G.

Size C		2	3
Bar dimensions	mm	90x16x8	95x18x10
9764G	Each	97,40	132,00



HSS-E

9764G



Product running out of stock

TURNING TOOLS

Prod. SCU

Treated steel shank. Carbide tool bit, abrasion and shock-proof. Tough welding, irremovable.
DIN 4971 (ISO 1 - UNI 4102)



HARTMETALL

9770G
9770GE
9771G

Right-hand, as shown in the picture. P 30 quality, for steel.

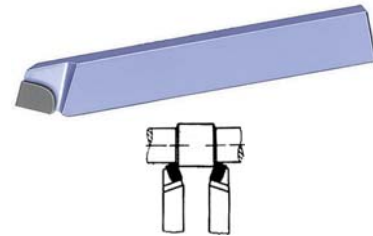
Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x90	10x90	12x100	16x110	20x125	25x140	32x170
9770G	Each	6,06	5,14	6,00	6,94	8,94	14,50	21,70

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	6,06	5,14	6,00	6,94	8,94	14,50	21,70



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	5,14	6,00	6,94	8,94	14,50	21,70

Product description as Art. 9770G

DIN 4972 (ISO 2 - UNI 4103)

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
9772G	Each	5,72	5,42	6,28	7,22	9,22	14,60	21,80



HARTMETALL

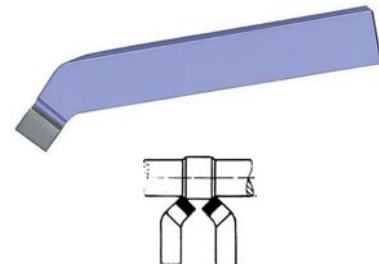
9772G
9772GE
9773G

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.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140	32x170
9772GE	Each	5,72	5,42	6,28	7,22	9,22	14,60	21,80



Product description as Art. 9770G

DIN 4972 (ISO 2 - UNI 4103)

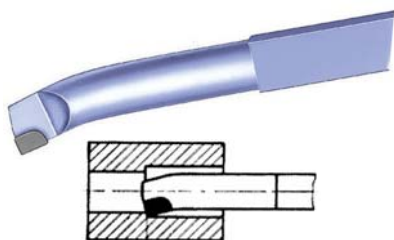
Left-hand, opposite to the one shown in the picture. P 30 quality, for steel.

Size	q.	8	10	12	16	20	25	32
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140	32x170
9773G	Each	5,72	5,42	6,28	7,22	9,22	14,60	21,80

9774G
9774GE

SCU

HARTMETALL



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	5,32	5,90	7,32	8,94	10,90	16,80	25,10

Product description as Art. 9770G

DIN 4973 (ISO 8 - UNI 4110)

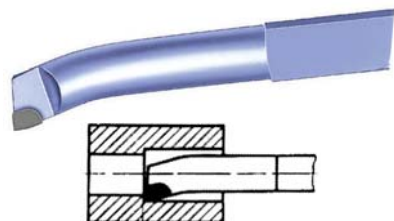
K 10 quality, for cast iron and non-ferrous steel.

Size	q.	8	10	12	16	20	25	32
Overall length	mm	125	150	180	210	250	300	355
9774GE	Each	5,32	5,90	7,32	8,94	10,90	16,80	25,10

9775G
9775GE

SCU

HARTMETALL



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	5,32	5,62	7,32	8,94	10,90	16,80	25,10

Product description as Art. 9770G

DIN 4974 (ISO 9 - UNI 4111)

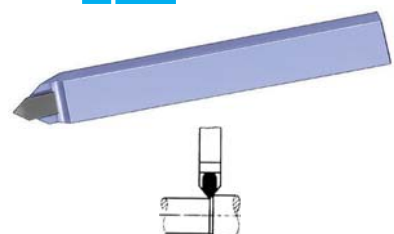
K 10 quality, for cast iron and non-ferrous steel.

Size	q.	8	10	12	16	20	25	32
Overall length	mm	125	150	180	210	250	300	355
9775GE	Each	5,32	5,62	7,32	8,94	10,90	16,80	25,10

9776G

SCU

HARTMETALL



Product description as Art. 9770G

DIN 4975 (ISO 10 - UNI 4105)

P 30 quality, for steel.

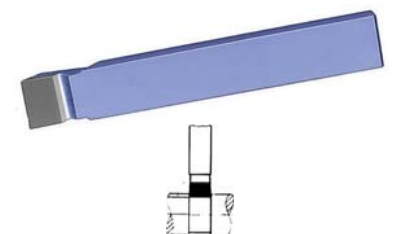
Size	h.	8	10	12	16	16A
Dimensions	mm	8x8x80	10x10x100	12x12x110	16x10x110	16x16x110
9776G	Each	6,40	5,62	6,94	6,18	8,46

Size	h.	20	20A	25	25A
Dimensions	mm	20x12x125	20x20x125	25x16x140	25x25x140
9776G	Each	6,76	11,40	9,12	19,20

9777G
9777GE

SCU

HARTMETALL



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	6,06	5,70	7,42	8,84	12,10	20,90

Product description as Art. 9770G

DIN 4976 (ISO 4 - UNI 4107)

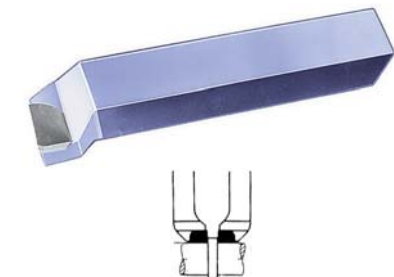
K 10 quality, for cast iron and non-ferrous steel.

Size	q.	8	10	12	16	20	25
Dimensions	mm	8x80	10x90	12x100	16x110	20x125	25x140
9777GE	Each	6,06	5,70	7,42	8,84	12,10	20,90

9778G
9778GE
9779G

SCU

HARTMETALL



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	5,72	5,90	6,76	7,42	9,50	14,70

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	5,72	5,90	6,76	7,42	9,50	14,70

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	5,72	5,90	6,76	7,42	9,50	14,70

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	6,46	7,60	6,56	7,42	9,12

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	6,46	7,60	6,56	7,42	9,12

Product description as Art. 9770G

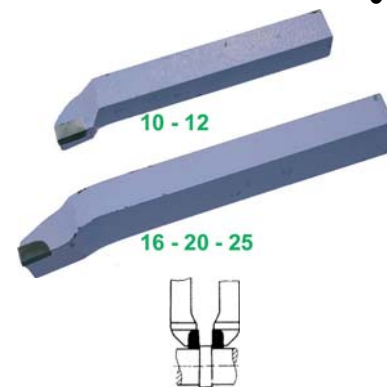
DIN 4978 (ISO 3 - UNI 4106)

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	6,46	7,60	8,46	7,42	9,12

SCU HARTMETALL

9780G
9780GE
9781G



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	5,72	5,24	6,00	7,32	9,12	13,90	21,10

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	5,72	5,24	6,00	7,32	9,12	13,90	21,10

Product description as Art. 9770G

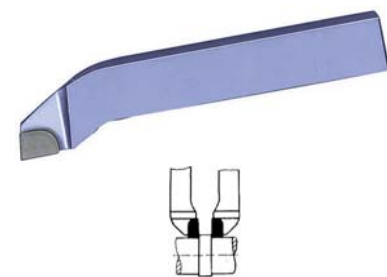
DIN 4980 (ISO 6 - UNI 4104)

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	5,72	5,24	6,00	7,32	9,12	13,90	21,10

SCU HARTMETALL

9782G
9782GE
9783G



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	7,72	5,42	5,90	7,14	10,20

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	7,72	5,42	5,90	7,14	10,20

Product description as Art. 9770G

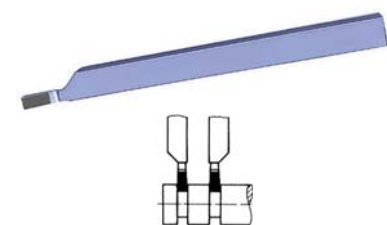
DIN 4981 (ISO 7 - UNI 4109)

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	7,72	5,42	5,90	7,14	10,20

SCU HARTMETALL

9784G
9784GE
9785G



Product description as Art. 9770G

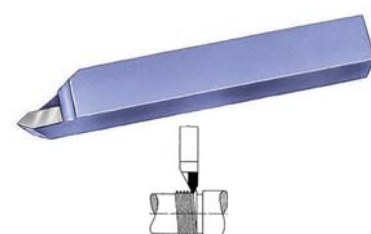
DIN 282 – For 60° external threading.

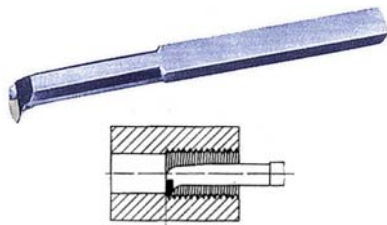
External right-hand use. P 30 quality, for steel.

Size	q.	8	10	12	16	20	25
Dimensions	mm	8x80	10x90	12x100	16x115	20x125	25x140
9786G	Each	8,40	8,40	7,72	10,60	12,40	18,80

SCU HARTMETALL

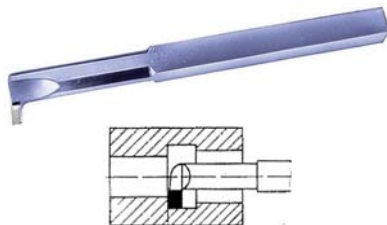
60° **9786G**



9787G **SCU** **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	10,10	9,40	11,30	13,80	17,40	24,90

9788G **SCU** **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	9,40	11,90	12,70	14,20	17,40	25,80

TURNING TOOL HOLDERS
9789G 10 **SCU** **HARTMETALL**


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 **56,08**

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 **63,56**

9789G 16 **SCU** **HARTMETALL**

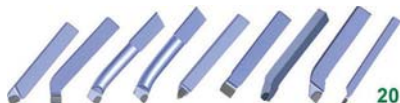

Product description as Art. 9789G 10

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 **70,10**

9789G 20 **SCU** **HARTMETALL**


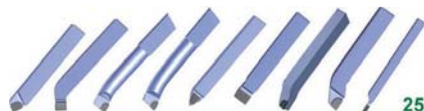
Product description as Art. 9789G 10

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 **91,74**

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 **135,18**

INSERTS HOLDER FOR TURNING WITH MECHANICAL FIXING
Prod. SCU

Made from 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	degrees	90	90
Overall length	mm	125	150
Head width and length	mm	25x22	32x22
9800	Each	153,00	172,00

For inserts see Art. 9820 – 9822 – 9824.

Spare support plate (for size 20 and 25mm), for Art.9800.

O9800A	Each	14,40
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Spare plate pin (for size 20 and 25mm), for Art. 9800.

O9800B	Each	11,80
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9800


Product description as Art. 9800

Right-hand, external use.

Square stem side	mm	20	25
Cutting angle	degrees	90	90
Overall length	mm	125	150
Head width and length	mm	25x22	32x22
9802	Each	153,00	172,00

For inserts see Art. 9820 – 9822 – 9824.

Spare support plate (for size 20 and 25mm), for Art.9802.

O9802A	Each	14,40
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Spare plate pin (for size 20 and 25mm), for Art. 9802.

O9802B	Each	11,80
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9802


Product description as Art. 9800

Right-hand, external use.

Square stem side	mm	20	25
Cutting angle	degrees	75	75
Overall length	mm	125	150
Head width and length	mm	17x28	22x28
9804	Each	153,00	172,00

For inserts see Art. 9820 – 9822 – 9824.

Spare support plate (for size 20 and 25mm), for Art.9804.

O9804A	Each	14,40
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Spare plate pin (for size 20 and 25mm), for Art. 9804.

O9804B	Each	11,80
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9804


Product description as Art. 9800

Right-hand, external use.

Square stem side	mm	20	25
Cutting angle	degrees	45	45
Overall length	mm	125	150
Head width and length	mm	22x25	28x32
9806	Each	153,00	172,00

For inserts see Art. 9828 – 9830.

Spare support plate (for size 20 and 25mm), for Art.9806.

O9806A	Each	19,20
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Spare plate pin (for size 20 and 25mm), for Art. 9806.

O9806B	Each	10,20
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9806


Product description as Art. 9800

Right-hand, external use.

Square stem side	mm	20	25
Cutting angle	degrees	95	95
Overall length	mm	125	150
9808	Each	67,20	75,90

For inserts see Art. 9832.

Brackets and spare screws can be supplied on request.

9808


9809**SCU**

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	88,80	99,80

For inserts see Art. 9833 L.

Underplates and spare screws can be supplied on request.

9809E**SCU**

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	degrees	95	95	95	95
Overall length	mm	125	140	160	180
Min. bore Ø	mm	11	15	17	22
9809E	Each	77,10	77,10	77,10	92,10

For inserts see Art. 9833 P.

Spare screws can be supplied on request.

9809F**SCU**

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	362,82
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9810**SCU**

Made from 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	degrees	92	92
Overall length	mm	250	300
Head width and length	mm	13x35	17x40
Min. bore Ø	mm	27	34
9810	Each	249,00	298,00

For inserts see Art. 9834 - 9836 - 9838.

Subplates and spare screws can be supplied on request.

9812**SCU**

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	97,60	113,00

For inserts see Art. 9840.

Underplates and spare screws can be supplied on request.

INSERTS FOR TURNING WITH MECHANICAL FIXING
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.

9820 Each **14,10**

Product description as Art. 9820
 TRIANGULAR SHAPE (TNMG)
 For medium removal – radius 0.8.
 Dimensions 15.4x9.52x4.76mm.

9822 Each **13,90**

Product description as Art. 9820
 TRIANGULAR SHAPE (TNMG)
 For thick removal – radius 1.2.
 Dimensions 14.7x9.52x4.76mm.

9824 Each **13,90**



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.

9828 Each **15,60**

Product description as Art. 9828
 SQUARE SHAPE (SNMG)
 For thick removal – radius 1.2.
 Dimensions 12.7x4.76mm.

9830 Each **15,60**



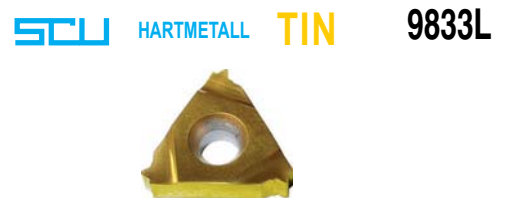
HARD METAL, TIN coated. Universal quality.
 Exceptional hardness. Maximum resistance to impact and abrasion.
 Includes mounting hole for screw.
 RHOMBOID SHAPE (CNMG)
 For tool bit holders Art. 9808 x 20 and 25mm.
 For medium removal - radius 0.8.
 Dimensions 12.7x4.76mm.

9832 Each **12,30**



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.

Pitch	mm	1	1.25	1.5	1.75	2	2.5	3
9833L	Each	14,20	14,20	14,20	14,20	14,20	14,20	14,20



Product description as Art. 9833L
 RHOMBOID SHAPE (CCMT)
 For tool bit holders Art. 9809 E x 8 - 10 - 12 - 16.

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	9,34	11,40



9834
9836
9838

SCU HARTMETALL TIN



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	12,50
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Product description as Art. 9834
TRIANGULAR SHAPE (TPUN)
For medium removal – radius 0.8.
Dimensions: 15.1x9.52x3.18mm.

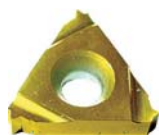
9836	Each	12,50
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Product description as Art. 9834
TRIANGULAR SHAPE (TPUN)
For thick removal – radius 1.2.
Dimensions: 14.5x9.52x3.18mm.

9838	Each	12,50
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9840

SCU HARTMETALL TIN



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 internal threads PITCH 1.5.
For tool bit holders Art. 9812 x 20 and 25mm.

9840	Each	14,20
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Other pitches can be supplied on request. Minimum quantity 120 pcs. per pitch.

TOOLS FOR EXTERNAL CUTTING

9845A

SCU



Prod. SCU
Made from 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	59,10	72,60

9845B

SCU



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	45,10	45,10

9845C

SCU



In hard metal.
INSERTS

Size		1	2
Thickness at the cutting edge	mm	3	4
For insert holder blades	Art.	9845B 1	9845B 2
9845C	Each	9,34	10,90

INSERTS HOLDER FOR MILLING WITH MECHANICAL FIXING

9845E
new

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	7	8	9
Ø D	mm	15	16	16	20	20	25	32	20	25
Lungh. L	mm	23	23	23	30	30	35	43	30	35
Drive Ø	M	8	8	8	10	10	12	16	10	12
Shank Ø d	mm	8,5	8,5	8,5	10,5	10,5	12,5	17	10,5	12,5
Radius R	mm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	5	5
Insert number	Nr	2	2	3	3	4	5	5	2	2
For inserts Art. (Cod. id.)		9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 7 (RD..0702)	9848A 10 (RD..1003)	9848A 10 (RD..1003)
9845E	Each	133,00	133,00	157,00	160,00	187,00	216,00	224,00	133,00	145,00

Size		10	11	12	13	14	15	16	17
Ø D	mm	25	32	32	35	35	35	40	42
Lungh. L	mm	35	43	43	43	43	43	43	43
Drive Ø	M	12	16	16	16	16	16	16	16
Shank Ø d	mm	12,5	17	17	17	17	17	17	17
Radius R	mm	5	5	5	5	5	5	5	5
Insert number	Nr	3	3	4	3	4	5	4	5
For inserts Art. (Cod. id.)		9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)	9848A 10 (RD..1003)
9845E	Each	162,00	171,00	197,00	171,00	199,00	226,00	199,00	228,00

Spare screws TORX T 7 for Art. 9845 E 1 a 7 / 9846 E 2-3-5-6.

OV9845E 1 Each **7,20**

Spare screws TORX T 15 for Art. 9845 E 8.

OV9845E 8 Each **7,20**

Spare screws TORX T 15 for Art. 9845 E 9 a 17.

OV9845E 9 Each **7,20**

Type for MILLING AND COPYING with cylindrical shank and internally cooled.
WITHOUT INSERTS, with screws.

Size		1	2	3	4	5	6
Ø D	mm	10	12	16	20	25	32
Lungh. L1	mm	35	50	53	61	70	80
Overall length L	mm	150	160	175	190	190	210
Drive Ø d	mm	12	12	16	20	25	32
Radius R	mm	5	6	8	10	12,5	16
Insert number	Nr	1	1	1	1	1	1
For inserts Art. (Cod. id.)		9848E 10 (WPR10..)	9848E 12 (WPR12..)	9848E 16 (WPR16..)	9848E 20 (WPR20..)	9848E 25 (WPR25..)	9848E 32 (WPR32..)
9845F	Each	175,00	175,00	194,00	222,00	259,00	290,00

Spare screws TORX T 15 for Art. 9845 F 1.

OV9845F 1 Each **27,40**

Spare screws TORX T 20 for Art. 9845 F 2.

OV9845F 2 Each **27,40**

Spare screws TORX T 20 for Art. 9845 F 3.

OV9845F 3 Each **36,70**

Spare screws TORX T 20 for Art. 9845 F 4.

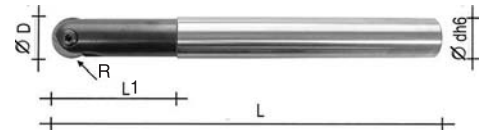
OV9845F 4 Each **34,50**

Spare screws TORX T 30 for Art. 9845 F 5.

OV9845F 5 Each **37,70**

Spare screws TORX T 30 for Art. 9845 F 6.

OV9845F 6 Each **37,70**

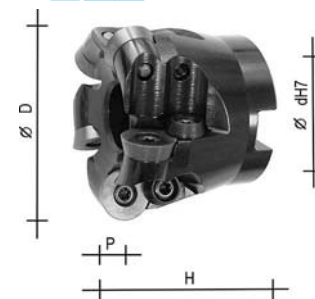
9845F
new


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
Overall length H	mm	50	50	50	50	50
Drive Ø d	mm	22	22	27	27	27
Size P	mm	8	8	8	8	8
Insert number	Nr	4	4	5	5	6
For inserts Art. (Cod. id.)		9848A 16 (RD..1604)	9848A 16 (RD..1604)	9848A 16 (RD..1604)	9848A 16 (RD..1604)	9848A 16 (RD..1604)
9845G	Each	232,00	232,00	278,00	281,00	324,00

Spare screws TORX T 20 for Art. 9845 G 1 a 5 / 9845 R 1-2 / 9846 B 1 a 4.

OV9845G Each **5,42**

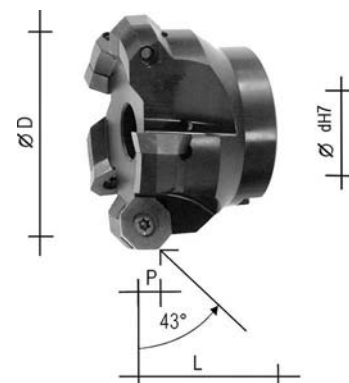
9845G
new


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
Drive Ø d	mm	22	22	27
Size P	mm	4,5	4,5	4,5
Insert number	Nr	4	5	5
For inserts Art. (Cod. id.)		9848F (OD..0605)	9848F (OD..0605)	9848F (OD..0605)
9845H	Each	230,00	254,00	289,00

Spare screws TORX T 20 for Art. 9845 H 1 a 3.

OV9845H Each **6,92**

9845H
new


9845L
new



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
Overall length H	mm	40	48	48	50	54
Drive Ø d	mm	16	22	22	27	32
Size P	mm	6	6	6	6	6
Insert number	Nr	3	4	5	6	6
For inserts Art. (Cod. id.)		9848G (SE..1204)	9848G (SE..1204)	9848G (SE..1204)	9848G (SE..1204)	9848G (SE..1204)
9845L	Each	190,00	208,00	223,00	256,00	288,00

Spare screws TORX T 20 for Art. 9845 L 1.

OV9845L 1	Each	6,54
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Spare screws TORX T 20 for Art. 9845 L 2 a 5.

OV9845L 2	Each	6,54
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9845M
new



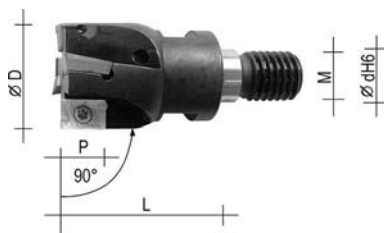
Product description as Art. 9845L

Size		1	2	3	4
Ø D	mm	50	63	80	100
Overall length H	mm	48	48	50	55
Drive Ø d	mm	22	22	27	32
Size P	mm	6	6	6	6
Insert number	Nr	4	5	6	6
For inserts Art. (Cod. id.)		9848H (SE..13T3)	9848H (SE..13T3)	9848H (SE..13T3)	9848H (SE..13T3)
9845M	Each	217,00	244,00	266,00	340,00

Spare screws TORX T 15 for Art. 9845 M 1 a 4.

OV9845M	Each	4,28
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9845P
new



Type for STRAIGHT SHOULDER MILLING with threaded shank and internally cooled.
WITHOUT INSERTS, with screws.

Size		1	2
Ø D	mm	20	25
Lungh. L	mm	30	35
Drive Ø	M	10	12
Size P	mm	10	10
Shank Ø d	mm	10,5	12,5
Insert number	Nr	3	4
For inserts Art. (Cod. id.)		9848L 0,5-0,8-1,2 (AP.1003)	9848L 0,5-0,8-1,2 (AP.1003)
9845P	Each	179,00	194,00

Spare screws TORX T 8 for Art. 9845 P 1-2.

OV9845P	Each	4,46
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9845R
new



Type for SHOULDER MILLING with threaded shank and internally cooled.
WITHOUT INSERTS, with screws.

Size		1	2
Ø D	mm	32	42
Lungh. L	mm	48	48
Misura H	mm	15	15
Radius R	mm	3	3
Insert number	Nr	2	3
For inserts Art. (Cod. id.)		9848R (VC..220530)	9848R (VC..220530)
9845R	Each	276,00	330,00

For spare screws see Art. OV9845 G.

9845T
new



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
Lungh. L1	mm	44	44	50
Overall length L	mm	100	100	110
Drive Ø d	mm	25	25	32
Insert number	Nr	2	3	3
For inserts Art. (Cod. id.)		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	106,00	123,00	127,00

Spare screws TORX T 15 for Art. 9845 T 1-2.

OV9845T 1	Each	3,94
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Spare screws TORX T 15 for Art. 9845 T 3/9845 V 1 a 3/9845 Z 1-2/9846 A 1 a 8/9846 E 1-4-7/9846 F 1 a 6.

OV9845T 3	Each	6,54
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Type for SHOULDER MILLING with cylindrical shank and internally cooled.
WITHOUT INSERTS, with screws.

Size		1	2	3
Ø D	mm	25	32	32
Lungh. L1	mm	60	60	60
Overall length L	mm	180	180	180
Drive Ø d	mm	20	25	32
Insert number	Nr	2	3	3
For inserts Art. (Cod. id.)		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	143,00	170,00	170,00

For spare screws see Art. OV9845 T 3.

9845V
new


Type for SHOULDER MILLING with conical shank and internally cooled.
WITHOUT INSERTS, with screws.

Size		1	2
Ø D	mm	32	40
Lungh. L1	mm	40	48
Overall length L	mm	125	157
Drive	CM	3	4
Insert number	Nr	3	4
For inserts Art. (Cod. id.)		9848P 0,8-1,6-3,2 (AP.1604)	9848P 0,8-1,6-3,2 (AP.1604)
9845Z	Each	144,00	187,00

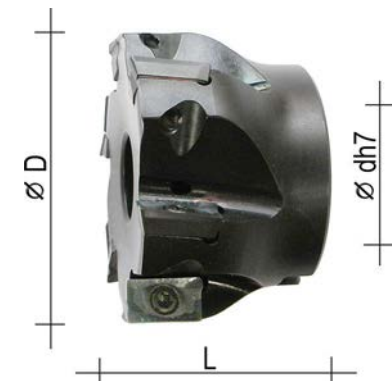
For spare screws see Art. OV9845 T 3.

9845Z
new


Type for SHOULDER MILLING with hole shank and internally cooled.
(Size 7 and 8 without internal cooling).
WITHOUT INSERTS, with screws.

Size		1	2	3	4
Ø D	mm	40	50	63	63
Overall length L	mm	40	40	40	40
Drive Ø d	mm	16	22	22	22
Insert number	Nr	4	5	5	6
For inserts Art. (Cod. id.)		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	160,00	167,00	181,00	190,00
Size		5	6	7	8
Ø D	mm	80	100	125	160
Overall length L	mm	50	50	63	63
Drive Ø d	mm	27	32	40	40
Insert number	Nr	6	7	8	10
For inserts Art. (Cod. id.)		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	227,00	274,00	359,00	507,00

For spare screws see Art. OV9845 T 3.

9846A
new


Product description as Art. 9846A

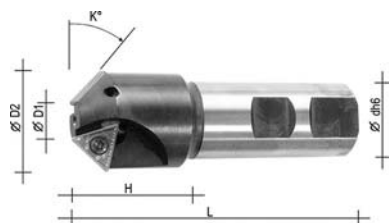
Size		1	2	3	4
Ø D	mm	42	52	66	80
Lungh. L	mm	57	57	57	57
Drive Ø d	mm	16	22	27	27
Misura H	mm	15	15	15	15
Insert number	Nr	3	3	4	4
For inserts Art. (Cod. id.)		9848R (VC..220530)	9848R (VC..220530)	9848R (VC..220530)	9848R (VC..220530)
9846B	Each	293,00	296,00	316,00	344,00

For spare screws see Art. OV9845 G.

9846B
new


INSERTS HOLDER FOR CHAMFERING AND COUNTERSINKING WITH MECHANICAL FIXING

9846E
new



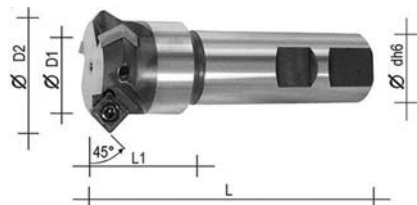
Prod. SCU

Type for 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
Lungh. H	mm	39	20	35	39	20	35	39
Overall length L	mm	95	70	90	95	70	90	95
Drive Ø d	mm	20	12	20	25	12	20	25
Angle K°	degree	30	45	45	45	60	60	60
Insert number	Nr	2	1	2	2	1	2	2
For inserts Art. (Cod. id.)		9848VB (TC..16T3)	9848VA (TC..1102)	9848VA (TC..1102)	9848VB (TC..16T3)	9848VA (TC..1102)	9848VA (TC..1102)	9848VB (TC..16T3)
9846E	Each	133,00	71,70	90,10	127,00	71,70	95,70	133,00

For spare screws see Art. 9845 E OV OV9845 1 and T 3.

9846F
new



Type for 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
Lungh. L1	mm	25	35	35	20	42	40
Overall length L	mm	100	100	100	200	200	200
Drive Ø d	mm	20	20	25	20	20	25
Insert number	Nr	1	2	3	1	2	3
For inserts Art. (Cod. id.)		9848Z (SC..09T3)	9848Z (SC..09T3)	9848Z (SC..09T3)	9848Z (SC..09T3)	9848Z (SC..09T3)	9848Z (SC..09T3)
9846F	Each	85,90	106,00	137,00	115,00	134,00	164,00

For spare screws see Art. OV 9845 T 3.

INSERTS FOR MILLING WITH MECHANICAL FIXING

9848A
new



Prod. SCU

In carbide, PVD-TiAlN 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 toolholders mills	Art.	9845E 1 to 7	9845E 8 to 17	9845G 1 to 5
ISO identity card		RDHW0702MOT	RDHW1003MOT	RDHW1604MOT
9848A	Each	12,10	12,10	16,10

9848E
new



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 toolholders mills	Art.	9845F 1	9845F 2	9845F 3	9845F 4	9845F 5	9845F 6
ISO identity card		WPRSN10	WPRSN12	WPRSN16	WPRSN20	WPRSN25	WPRSN32
9848E	Each	41,80	44,50	48,30	59,30	89,70	99,30

9848F
new

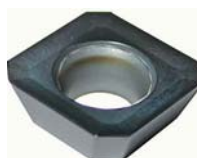


Product description as Art. 9848A

Shape: octagonal. Cutting angle: 15°.

		15,8
Width	mm	
Lato	mm	6
Thickness	mm	5,56
Radius	mm	0,8
For toolholders mills	Art.	9845H 1 to 3
ISO identity card		ODHW060508TN
9848F	Each	19,60

9848G
new



Product description as Art. 9848A

Shape: diamond. Cutting angle: 20°.

		12,7
Lato	mm	
Chamfer	mm	2,8
Thickness	mm	4,76
For toolholders mills	Art.	9845L 1 to 5
ISO identity card		SEHT1204AFTN
9848G	Each	12,70

Product description as Art. 9848A

Shape: diamond. Cutting angle: 20°.

Lato	mm	13,3
Chamfer	mm	2
Thickness	mm	3,97
For toolholders mills	Art.	9845M 1 to 4
ISO identity card		SEHT13T3AGSN
9848H	Each	17,20



Product description as Art. 9848A

Shape: rectangular. Cutting angle: 11°.

Radius	mm	0,5	0,8	1,2
Length	mm	10	10	10
Width	mm	6,7	6,7	6,7
Thickness	mm	3,5	3,5	3,5
For toolholders mills	Art.	9845P 1-2	9845P 1-2	9845P 1-2
ISO identity card		APKT100305PDSR	APKT100308PDSR	APKT100312PDSR
9848L	Each	11,10	11,10	11,10



Product description as Art. 9848A

Shape: rectangular. Cutting angle: 11°.

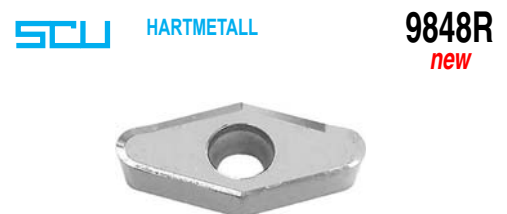
Radius	mm	0,8	1,6	3,2
Length	mm	16	16	16
Width	mm	9,45	9,45	9,45
Thickness	mm	5,35	5,35	5,35
For toolholders mills	Art.	9845T 1 to 3/9845V 1 to 3/9845Z 1-2/9846A 1 to 7	9845T 1 to 3/9845V 1 to 3/9845Z 1-2/9846A 1 to 7	9845T 1 to 3/9845V 1 to 3/9845Z 1-2/9846A 1 to 7
ISO identity card		APKT160408PDSR	APKT160416PDSR	APKT160432PDSR
9848P	Each	13,10	13,10	13,10



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°.

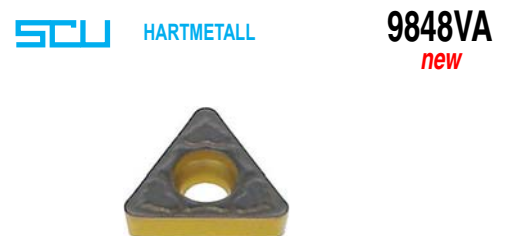
Radius	mm	3
Length	mm	27,8
Width	mm	12,7
Thickness	mm	5,6
For toolholders mills	Art.	9845R 1-2/9846B 1 to 4
ISO identity card		VCGX220530LN
9848R	Each	33,20


INSERTS FOR CHAMFERING AND COUNTERSINKING WITH MECHANICAL FIXING
Prod. SCU

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: triangular. Cutting angle: 7°.

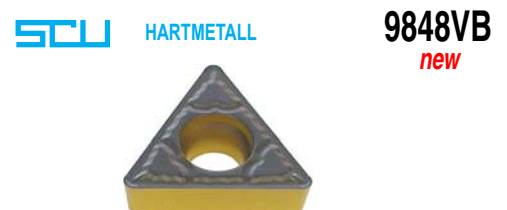
Radius	mm	0,4	0,8
Lato	mm	9,7	9,7
Thickness	mm	2,38	2,38
For toolholders mills	Art.	9846E 2-3-5-6	9846E 2-3-5-6
ISO identity card		TCMT110204	TCMT110208
9848VA	Each	10,30	10,30



Product description as Art. 9848VA

Shape: triangular. Cutting angle: 7°.

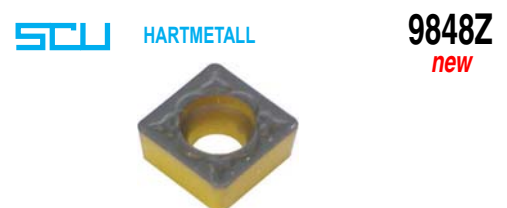
Radius	mm	0,4	0,8
Lato	mm	15	15
Thickness	mm	3,97	3,97
For toolholders mills	Art.	9846E 1-4-7	9846E 1-4-7
ISO identity card		TCMT16T304	TCMT16T308
9848VB	Each	10,70	10,70



Product description as Art. 9848VA

Shape: square. Cutting angle: 7°.

Radius	mm	0,4	0,8
Lato	mm	9,52	9,52
Thickness	mm	3,97	3,97
For toolholders mills	Art.	9846F 1 to 6	9846F 1 to 6
ISO identity card		SCMT09T304	SCMT09T308
9848Z	Each	10,70	10,70



NEW!

NEWS CHAPTER 14



9886B

Round Nose Pliers In Stainless Steel
▶ P. 1315



9886E

Bent Half-Round Nose Pliers With
Cutters In Stainless Steel
▶ P. 1316



9886H

Nippers With Side Cutters In Stainless
Steel
▶ P. 1316



9886M

Nippers With Sharp Front Cutters In
Stainless Steel
▶ P. 1316



9886R

Stripper Pliers In Stainless Steel
▶ P. 1316



9887B

Fixed Combination Wrenches in Inches
In Stainless Steel
▶ P. 1317



9887F

Allen Head Long Wrenches In
Stainless Steel
▶ P. 1317



9887M

Phillips Cross-Tipped Screwdrivers In
Stainless Steel
▶ P. 1317

GEDORE



9936E

Spark-Proof Safety Lever Screwdrivers
▶ P. 1324

GEDORE



9954E

Spark-Proof Safety Tip For Metals
▶ P. 1327



9886A

Flat Nose Pliers In Stainless Steel
▶ P. 1315



9886C

Straight Half-Round Nose Pliers With
Cutters In Stainless Steel
▶ P. 1315



9886F

Combination Pliers In Stainless Steel
▶ P. 1316



9886L

Nippers With Reinforced Side Cutters
In Stainless Steel
▶ P. 1316



9886P

Nippers With Reinforced Front Cutters
In Stainless Steel
▶ P. 1316



9887A

Fixed Combination Wrenches In Mm in
Stainless Steel
▶ P. 1316



9887E

Allen Head Wrenches In Stainless
Steel
▶ P. 1317



9887L

Flat-Tipped Screwdrivers In Stainless
Steel
▶ P. 1317



9887P

Pozidriv-Tipped Screwdrivers In
Stainless Steel
▶ P. 1317

GEDORE



9943S

Spark-Proof Safety Irregular Triangular
Blade Scrapers
▶ P. 1326



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



Da **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


**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
CR10 rings per size, thickness 3.53mm, internal Ø 18.64 - 20.22 - 21.82 - 23.40 - 24.99 - 28.17 - 29.74mm.

9850

Each

82,80

SET OF SPECIAL TOOLS FOR O-RINGS, FINE SERIES

9850F


**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

SET OF SPECIAL TOOLS FOR O-RINGS, HEAVY SERIES

9852F


**Prod. 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

The tools in assortments Art. 9850 F - 9852 F cannot be supplied separately.

CORROSION-RESISTANT PICKS AND HOOKS IN SETS

9853A


**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

49,60

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 **76,60**

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	15	16		
Overall length	mm	100	110	130	160	180	190	200		
9855	Each	7,58	7,58	8,26	9,46	10,30	10,90	11,60		
Opening	mm	18	20	21	22	32				
Overall length	mm	220	240	252	262	380				
9855	Each	13,40	16,80	16,30	18,20	22,60				
Opening	inch	1/4	11/32	3/8	7/16	1/2	9/16	5/8		
Overall length	mm	100	130	140	150	170	180	200		
9855	Each	9,20	9,64	9,60	10,10	11,20	12,10	13,70		
Opening	inch	11/16	3/4	7/8	1					
Overall length	mm	220	230	262	302					
9855	Each	15,50	16,10	23,10	23,10					

GEDORE

9855



Product running out of stock

Orig. Gedore - Art. NC 42

Product description as Art. 9855

ALLEN HEAD WRENCHES

According to DIN ISO 2936.

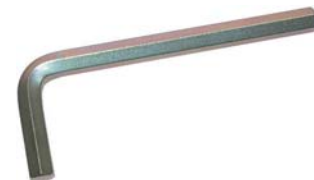
CHROME-VANADIUM steel.

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	5/8
Overall length	mm	59	66	74	80	96	108	122	145	154	168
9856	Each	1,04	1,24	1,72	2,32	2,12	3,40	5,28	8,46	12,50	14,50

GEDORE

9856



Product running out of stock

Orig. Gedore - Art. NC H 42-88 A

Product description as Art. 9855

SET OF ALLEN HEAD WRENCHES

Set of 8 pcs. Art. 9856 5/64 inch. (2mm) - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 (5.5mm) - 1/4 - 5/16.

Supplied in plastic support.

9857P Per series **17,90**

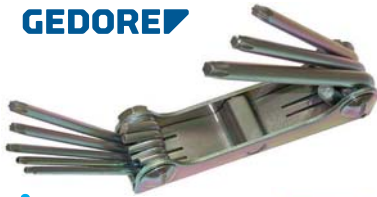
Product running out of stock

GEDORE

9857P



9858


**Orig. Gedore - Art. NC SCL 43TX80**

Product description as Art. 9855

SET OF SOCKET HEAD SCREW WRENCHES

CHROME-VANADIUM steel blades with pocket support. Set of 8 blades T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40.

For TORX screws.

9858	Per series	39,40
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Product running out of stock

9859


**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



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
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Product running out of stock

9860B



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
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Product running out of stock

9861


**Orig. Gedore - Art. NC 60P**

Product description as Art. 9855

ADJUSTABLE WRENCHES

According to DIN 3117A.

CHROME-VANADIUM steel.

Head angled at 15°.

Overall length	mm	200	300
Overall length	inch	8	12

Max opening	mm	25	35
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9861	Each	42,20	78,70
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Product running out of stock

9866


**Orig. Gedore - Art. NC 8316J**

Product description as Art. 9855

SIDE CUTTERS

According to DIN ISO 5749.

High-resistance special steel, forged and oil tempered.

Induction hardened cutting edges for cutting harmonic wire, hardness approx. 63 HRC also with tagli di punta. The particular position of the hinge creates a favourable leverage ratio with a 35% strength saving in relation to traditional cutters.

Insulated, dual-component handles.

Overall length	mm	160
For harmonic wire up to Ø	mm	1,6

9866	Each	39,40
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Product running out of stock

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.

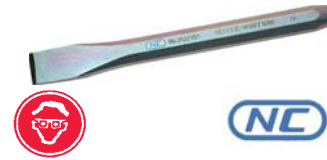
Overall length	mm	150
Cutting edge width	mm	16

9867	Each	15,70
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Product running out of stock

GEDORE

9867



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
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Product running out of stock

GEDORE

9868



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	8	10	12	13	14	15	16
9869	Each	8,34	8,34	8,34	8,34	8,70	8,70	8,70

Opening	mm	17	18	19	20	21	22
9869	Each	8,70	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



9874

GEDORE



1/2"



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

9875

GEDORE



1/2"



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 28mm.

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



1/2"



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



1/2"



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

9880

GEDORE



Orig. Gedore - Art. NC 2160

Product description as Art. 9855
 PHILLIPS CROSS-TIPPED SCREWDRIVERS
 Ergonomic handles, strong, anti-slip, obtained by combining 3 different plastic materials.
 Connection hole. Blades DIN ISO 8764 - tips DIN ISO 8764-1/PH, MOLYBDENUM-VANADIUM steel.

Size		2
Blade length	mm	100
For screws	M.	3,5-5
Blade Ø	mm	6
Overall length	mm	210
9880	Each	8,28

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
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Product running out of stock
GEDORE
9885A
OBJECT TRAY

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
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Product running out of stock
GEDORE
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 mm 420x305x170h, weight 10Kg, floating capacity 100 N.

9885E Each **992,00**
Product running out of stock
9885L GEDORE

Orig. Gedore - Art. NC 505M

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 73 tools:

- 17 combination wrenches Art. 9855 mm 6-7-8-9-10-12-13-14-16-17-18-19-22-24-27-30-32
- 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 300
- 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
- 13 socket wrenches, 1/2" drive, bihexagonal Art. 9875 mm 10-12-13-14-16-17-18-19-22-24-27-30-32
- 1 sliding lever, 1/2" drive Art. 9876
- 1 extension, 1/2" drive Art. 9877 mm 125
- 1 extension, 1/2" drive Art. 9877 mm 250
- 1 ratchet lever, 1/2" drive Art. 9878
- 3 flat-tipped screwdrivers Art. 9879 mm 80-125-175
- 2 PH cross-tipped screwdriver Art. 9880 Size 1-2
- 1 phase detecting screwdriver 6 to 24 Volt, brass body
- 1 half-round nose pliers Art. 9864 mm 160
- 1 multi-purpose pliers Art. 9865 mm 180
- 1 grip pliers Art. 9862 mm 250
- 1 adjustable pliers Art. 9863 mm 250
- 1 side cutter Art. 9866 mm 160
- 1 recoilless hammer with one steel head and one nylon head Art. 2789 GP Ø mm 30
- 1 octagonal chisel Art. 9867 mm 150
- 1 octagonal pin punch Art. 9868 mm 150x4
- 1 bow with steel hacksaw, total length mm 250
- 1 knife for electricians, blade length mm 90
- 1 fleximeter with button 3m - 1 insulated tape.

Supplied in water-proof case,

dimensions mm 420x305x170h, weight 10Kg, floating capacity 100 N.

9885L Each **1.310,00**
Product running out of stock

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

GEDORE

9885P



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.

9886A Each **50,60**

SCU = **INOX** **9886A**
new



Product description as Art. 9886A

ROUND NOSE PLIERS

Dual component insulated handle. Total length 160mm.

9886B Each **44,70**

SCU • **INOX** **9886B**
new



Product description as Art. 9886A

STRAIGHT HALF-ROUND NOSE PLIERS WITH CUTTERS

Dual component insulated handle.

Overall length	mm	160	200
9886C	Each	49,40	67,10

SCU ◐ **INOX** **9886C**
new



9886E
new
SCU  **INOX**

 Product description as Art. 9886A
 BENT HALF-ROUND NOSE PLIERS WITH CUTTERS
 Dual component insulated handle.

Overall length	mm	160	200
9886E	Each	48,50	67,10

9886F
new
SCU  **INOX**

 Product description as Art. 9886A
 COMBINATION PLIERS
 Dual component insulated handle.

Overall length	mm	160	180	200
9886F	Each	67,10	83,90	108,00

9886H
new
SCU  **INOX**

 Product description as Art. 9886A
 NIPPERS WITH SIDE CUTTERS
 Dual component insulated handle.

Overall length	mm	160	190
9886H	Each	68,50	74,50

9886L
new
SCU  **INOX**

 Product description as Art. 9886A
 NIPPERS WITH REINFORCED SIDE CUTTERS
 Dual component insulated handle.

Overall length	mm	180	200
9886L	Each	78,90	102,00

9886M
new
SCU  **INOX**

 Product description as Art. 9886A
 NIPPERS WITH SHARP FRONTS CUTTERS
 Dual component insulated handle. Total length 160mm.

9886M	Each	75,60
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9886P
new
SCU  **INOX**

 Product description as Art. 9886A
 NIPPERS WITH REINFORCED FRONT CUTTERS
 Dual component insulated handle.

Overall length	mm	160	200
9886P	Each	75,60	102,00

9886R
new
SCU  **INOX**

 Product description as Art. 9886A
 STRIPPER PLIERS
 Dual component insulated handle. Total length 160mm.

Capacity	mm ²	0,8 to 6
9886R	Each	101,00

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
new
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	15,60	16,30	16,40	17,70	19,10	19,90	20,80
Opening	mm	13	14	15	16	17	18	19
Overall length	mm	180	180	200	200	200	225	225
9887A	Each	21,60	22,50	23,30	24,20	25,90	27,10	31,10
Opening	mm	20	21	22	23	24	25	26
Overall length	mm	250	250	250	270	270	290	290
9887A	Each	32,60	33,30	35,50	39,50	41,20	46,90	47,90
Opening	mm	27	28	29	30	32		
Overall length	mm	290	320	320	320	350		
9887A	Each	50,30	61,20	73,60	78,80	109,00		

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	19,90	20,80	23,10	23,30	24,20	24,20	26,80
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	27,60	28,50	31,10	36,30	41,50	41,50	46,10
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	48,10	58,70	58,70	92,10	92,10	127,00	

SCU

INOX

9887B
new



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	8,00	8,64	8,82	8,82	9,58	10,60	11,20
Opening	mm	8	9	10	11	12		
Overall length	mm	100	105	110	120	125		
9887E	Each	11,90	19,60	20,40	24,40	28,40		

SCU



INOX

9887E
new



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	9,42	10,20	10,60	11,90	12,80	13,50	15,70
Opening	mm	9	10	11	12			
Overall length	mm	175	180	190	200			
9887F	Each	22,50	24,70	29,10	33,50			

SCU



INOX

9887F
new



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	12,10	14,70	16,10	18,20	19,10	20,80	36,90

SCU



INOX

9887L
new



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	9,58	13,10	16,40	25,30	28,40

SCU



INOX

9887M
new



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	13,70	13,80	16,40	25,60	28,40

SCU



INOX

9887P
new



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	150,00

SCU



9896



When the stocks will be run out we will provide the same item Orig. Gedore.

9898

SCU



Product description as Art. 9896

ROUND NOSE PLIERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length mm 160

9898 Each 150,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9900

SCU



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 182,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9902

SCU



Product description as Art. 9896

COMBINATION PLIERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length mm 200

9902 Each 171,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9904

SCU



Prod. SCU

Product description as Art. 9896

ADJUSTABLE PLIERS

Bronze-aluminium alloy. Plastic-coated handles.

Overall length mm 250

9904 Each 214,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9905

SCU



Product description as Art. 9896

GAS PIPES PLIERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length mm 215

9905 Each 336,00

9906

SCU



Product description as Art. 9896

OBLIQUE CUTTERS

Bronze-aluminium alloy. Dual component insulated handles.

Overall length mm 160

9906 Each 224,00

9907

SCU



Product description as Art. 9896

PINNERS

Bronze-aluminium alloy. Plastic-coated handles.

Overall length mm 200

9907 Each 269,00

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.

Dimensions: 150mm, plastic-coated handles.

Overall length mm 150 225

9907F Each 160,00 248,00

1318

Product description as Art. 9896

SHEARS

Bronze-aluminium alloy.

Overall length	mm	300
9908	Each	220,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU



9908



Product description as Art. 9896

SHEARS

Bronze-aluminium alloy.

Overall length	mm	270
9908E	Each	225,00

SCU



9908E



Product description as Art. 9896

KNIVES

Bronze-aluminium alloy. Wooden handle.

Overall length	mm	250
9909	Each	59,10

SCU



9909



Product description as Art. 9896

ADJUSTABLE WRENCHES

Bronze-aluminium alloy.

Overall length	mm	200	250	300	380
9910	Each	144,00	194,00	247,00	380,00

SCU



9910



Orig. Gedore

Product description as Art. 9896

VALVE KEYS

Bronze-aluminium alloy.

Overall length	mm	330	420	510
Ø	mm	36x60	48x80	62x102
Supplier code.....		GED 7013660S	GED 7014880S	GED 7014810S
9910E	Each	284,00	409,00	533,00

GEDORE



9910E



Prod. SCU

Product description as Art. 9896

WRENCHES FOR VALVES

Bronze-aluminium alloy.

Ø	mm	16
Dimensions I1 - I2	mm	65 - 40
Overall length	mm	300
9910V	Each	198,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU



9910V



Product description as Art. 9896

HOOK FIXED SPANNERS

Bronze-aluminium alloy.

For rings and locking ring nuts	mm	34/36	40/42	45/50	52/55	58/62	68/75	80/90
Overall length	mm	168	170	205	205	235	255	280
9911	Each	30,30	32,70	37,80	47,80	52,90	63,10	75,50

For rings and locking ring nuts	mm	95/100	110/115
Overall length	mm	315	330
9911	Each	93,10	114,00

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 locking ring nuts	mm	32/75	50/120	115/170
Overall length	mm	205	280	310
9912	Each	128,00	174,00	255,00

SCU



9912



9913

SCU



Product description as Art. 9896

SLUGGING WRENCHES

Bronze-aluminium alloy.

Opening	mm	24	27	30	32	36	41	46
9913	Each	113,00	124,00	124,00	141,00	163,00	216,00	239,00
Opening	mm	50	55	60	65	70	75	80
9913	Each	314,00	333,00	382,00	427,00	465,00	525,00	606,00
Opening	mm	85	90	95	100			
9913	Each	661,00	717,00	941,00	1.170,00			

When the stocks will be run out we will provide the same item Orig. Gedore.

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	83,20	83,20	101,00	116,00	120,00	124,00	135,00
Opening	mm	41	46	50	55	60	65	70
9914	Each	180,00	209,00	246,00	301,00	371,00	437,00	531,00
Opening	mm	75	80	85	90			
9914	Each	578,00	782,00	782,00	902,00			

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	18,20	19,30	20,40	21,40	23,50	23,50	27,80
Opening	mm	13	14	15	17	19	22	24
9915	Each	27,80	27,80	34,10	34,10	42,70	51,20	57,70
Opening	mm	27	30	32	36	38	41	46
9915	Each	70,40	81,10	87,50	102,00	148,00	148,00	180,00
Opening	mm	50	55	60				
9915	Each	263,00	303,00	405,00				

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	21,80	26,10	34,10	36,30	38,40	40,60	49,10
Opening	mm	18x19	19x22	20x22	21x23	22x24	24x26	24x27
9916	Each	51,20	57,70	61,90	64,10	68,30	72,50	74,70
Opening	mm	25x28	27x29	30x32	30x36	35x38	36x41	41x46
9916	Each	79,10	85,30	103,00	118,00	158,00	199,00	218,00
Opening	mm	46x50	50x55	55x60	60x65			
9916	Each	301,00	374,00	522,00	551,00			

When the stocks will be run out we will provide the same item Orig. Gedore.

9918

SCU



Product description as Art. 9896

COMBINATION WRENCHES

Bronze-aluminium alloy.

Opening	mm	10	11	12	13	14	15	16
9918	Each	36,30	38,40	49,10	49,10	51,20	57,70	57,70
Opening	mm	17	19	21	22	23	24	27
9918	Each	57,70	61,90	69,70	72,50	79,10	79,10	98,10
Opening	mm	30	32	36	41	46		
9918	Each	118,00	131,00	192,00	269,00	274,00		

When the stocks will be run out we will provide the same item Orig. Gedore.

9918A

GEDORE



Orig. Gedore

Product description as Art. 9896

COMBINATION WRENCHES

In Bronze-aluminum alloy.

Opening	inch	5/16	7/16	11/16	13/16	15/16	1.1/8	1.5/16
Supplier code		GED	GED	GED	GED	GED	GED	GED
..		0137102S	0137104S	0137109S	0137111S	0137113S	0137116S	0137122S
9918A	Each	36,30	38,40	61,90	69,70	79,10	118,00	192,00
Opening	inch	1.3/8	1.7/16	1.3/4	1.7/8	2	2.1/16	2.1/8
Supplier code		GED	GED	GED	GED	GED	GED	GED
..		0137123S	0137124S	0137129S	0137131S	0137132S	0137133S	0137134S
9918A	Each	192,00	192,00	274,00	318,00	318,00	359,00	359,00

Prod. SCU

Product description as Art. 9896
BIHEXAGONAL RING WRENCHES
Bronze-aluminium alloy.

Opening	mm	6x7	8x9	10x11	12x13	14x15	16x17	18x19
9920	Each	38,40	40,60	42,70	46,90	51,20	55,50	66,20
Opening	mm	20x22	21x23	24x27	25x28	30x32	32x36	36x41
9920	Each	76,80	81,10	98,10	113,00	141,00	182,00	216,00
Opening	mm	41x46	46x50	50x60				
9920	Each	314,00	399,00	508,00				

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	130,00	144,00	192,00	209,00	229,00	229,00	285,00
Opening	mm	30	32	36	41			
Overall length	mm	300	310	320	320			
9921	Each	305,00	395,00	451,00	545,00			

When the stocks will be run out we will provide the same item Orig. Gedore.



9921



Orig. Gedore - Art. GED0250C

Product description as Art. 9896
ALLEN HEAD WRENCHES

Bronze-aluminium alloy.

Opening	mm	1,5	2	2,5	3	4	5	6	7
9922	Each	19,30	19,30	19,30	19,30	19,30	19,30	21,40	23,50
Opening	mm	8	9	10	12	13	14	17	19
9922	Each	27,80	32,10	36,30	59,70	74,70	87,50	113,00	148,00
Opening	mm	22	24	27	30	32	36		
9922	Each	158,00	169,00	203,00	234,00	281,00	343,00		

When the stocks will be run out we will provide the same item Orig. Gedore.



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	51,20	51,20	51,20	51,20	51,20	51,20	51,20
Opening	mm	17	18	19	20	21	22	23
9924	Each	51,20	96,10	96,10	96,10	96,10	96,10	96,10
Opening	mm	24	25	26	27	29	30	32
9924	Each	96,10	96,10	96,10	96,10	96,10	96,10	96,10

When the stocks will be run out we will provide the same item Orig. Gedore.



9924

1/2"



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	129,00	129,00	116,00	116,00	96,10	96,10	109,00
Opening	mm	36	38	41	46	50	55	60
9924A	Each	113,00	126,00	158,00	216,00	269,00	378,00	446,00

When the stocks will be run out we will provide the same item Orig. Gedore.



9924A

3/4"



Product description as Art. 9896
ROD ENDS

Bronze-aluminium alloy - 1/2" shank.

Overall length	mm	230
9925	Each	250,00

When the stocks will be run out we will provide the same item Orig. Gedore.



9925



Product description as Art. 9896
ROD ENDS

Bronze-aluminium alloy - 3/4" shank.

Overall length	mm	300
9925A	Each	437,00

When the stocks will be run out we will provide the same item Orig. Gedore.



9925A



9926

SCU 1/2"



Product description as Art. 9896

RATCHETS

Bronze-aluminium alloy. 1/2" drive.

Overall length mm 250

9926 Each 371,00

9926A

SCU 3/4"



Product description as Art. 9896

RATCHETS

Bronze-aluminium alloy. 3/4" drive.

Overall length mm 320

9926A Each 597,00

9928

SCU 1/2"



Product description as Art. 9896

SLIDING BARS

Bronze-aluminium alloy. 1/2" drive.

Overall length mm 250

9928 Each 108,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9928A

SCU 3/4"



Product description as Art. 9896

SLIDING BARS

Bronze-aluminium alloy. 3/4" drive.

Overall length mm 500

9928A Each 231,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9929

SCU 1/2"



Product description as Art. 9896

"T" HANDLES

With sliding bar. Bronze-aluminium alloy – 1/2" drive.

Overall length mm 245

9929 Each 230,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9929A

SCU 3/4"



Product description as Art. 9896

"T" HANDLES

With sliding bar. Bronze-aluminium alloy – 3/4" drive.

Overall length mm 260

9929A Each 299,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9930

SCU 1/2"



Product description as Art. 9896

EXTENSIONS

Bronze-aluminium alloy. 1/2" drive.

Overall length mm 100 250

9930 Each 126,00 175,00

When the stocks will be run out we will provide the same item Orig. Gedore.

9930A

SCU 3/4"



Product description as Art. 9896

EXTENSIONS

Bronze-aluminium alloy. 3/4" drive.

Overall length mm 200 250

9930A Each 238,00 210,00

When the stocks will be run out we will provide the same item Orig. Gedore.

Product description as Art. 9896

FITTING BUSHES

Bronze-aluminium alloy.

Overall length	mm	50
Female square drive	inch	3/4
Male square drive.	inch	1/2

9931 Each **110,00**

When the stocks will be run out we will provide the same item Orig. Gedore.


9931


Product description as Art. 9896

FITTING BUSHES

Bronze-aluminium alloy.

Overall length	mm	44
Female square drive	inch	1/2
Male square drive.	inch	3/4

9931A Each **108,00**

When the stocks will be run out we will provide the same item Orig. Gedore.


9931A


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
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9931T Each **1.100,00** **1.210,00**

When the stocks will be run out we will provide the same item Orig. Gedore.


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 **430,00** **492,00** **651,00** **1.190,00**

When the stocks will be run out we will provide the same item Orig. Gedore.


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 **962,00** **997,00** **1.690,00**

When the stocks will be run out we will provide the same item Orig. Gedore.


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
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9933 Each **1.270,00**

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 **25,90** **28,60** **38,80** **75,40** **88,40**

9934


Product description as Art. 9896

PHILLIPS CROSS-TIP SCREWDRIVER

Bronze-aluminium alloy. Dual component insulated handles.

Size		1	2	3	4
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Blade length	mm	80	100	150	200
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9936 Each **25,70** **30,30** **51,30** **75,70**

9936


9936E
new

GEDORE



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	29,90	70,10	77,90	211,00

9936L

GEDORE



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	171,00

9936P

GEDORE



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	171,00

9936R

GEDORE



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	157,00

9937

SCU



Prod. SCU

Product description as Art. 9896

HAMMERS FOR SCRAPING

Bronze-aluminium alloy. Wooden handle.

Weight	grams	400
9937	Each	111,00

9938

SCU



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	80,30	101,00	131,00	159,00	217,00	260,00

9939

SCU



Product description as Art. 9896

ENGINEERS' HAMMERS

Bronze-aluminium alloy. Fiber and rubber handle.

Weight	grams	500	800	1000
9939	Each	74,70	89,50	117,00

9939E

SCU



Product description as Art. 9896

CLAW HAMMERS

Bronze-aluminium alloy. Fiber and rubber handle.

Weight	grams	500	700
9939E	Each	103,00	122,00

9940

SCU



Product description as Art. 9896

BLACKSMITH HAMMERS

Bronze-aluminium alloy. Fiber and rubber handle.

Weight	grams	1000	1500	2000
9940	Each	144,00	178,00	247,00

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	363,00	521,00	603,00	808,00	932,00

SCU

9940A



Orig. Gedore - Art. GED1451000S

Product description as Art. 9896

AXES

Bronze-aluminium alloy. Wooden handle.

Weight	grams	1000
9942	Each	167,00

GEDORE

9942



Prod. SCU

Product description as Art. 9896

AXES

Bronze-aluminium alloy. Wooden handle.

Weight	grams	3000
9942E	Each	378,00

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
9942R	Each	164,00

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	75,50

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	75,50

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	110,00

SCU

9943E



When the stocks will be run out we will provide the same item Orig. Gedore.

Orig. Gedore - Art. GED7140001S

Product description as Art. 9896

HAND SCRAPERS

Bronze-aluminium alloy.

Overall length	mm	225
9943R	Each	70,10

GEDORE

9943R



9943S
new

GEDORE



Orig. Gedore - Art. GED1355000S

Product description as Art. 9896
IRREGULAR TRIANGULAR (4 SIDES) BLADE SCRAPERS
Bronze-aluminum alloy, wooden grip.

Overall length	mm	420
Side cutters length	mm	120/105/90/25
9943S	Each	219,00

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	73,20

9944

GEDORE



Orig. Gedore - Art. GED1150S

Product description as Art. 9896
CUT CHISELS
Bronze-aluminium alloy.

Overall length	mm	150	200	250	300	400
Cutting edge width	mm	20	23	23	23	32
9944	Each	38,40	44,90	64,10	89,60	131,00

9946

GEDORE



Orig. Gedore - Art. GED7080S

Product description as Art. 9896
TIP CHISELS
Bronze-aluminium alloy.

Overall length	mm	150	250	300	350	400
9946	Each	35,70	64,10	89,60	93,10	131,00

Sizes mm 150 and 350 are running out of stock

9948

SCU



Prod. SCU

Product description as Art. 9896
MARCHING TOOLS
Bronze-aluminium alloy.

Overall length	mm	150
9948	Each	68,70

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	69,40	69,40	69,40	69,40	69,40	82,80	98,60

9950

SCU



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
9950	Each	37,40	46,80	46,80	46,80	62,30

When the stocks will be run out we will provide the same item Orig. Gedore.

9951

SCU



Product description as Art. 9896
BENT MARKING TOOLS
Bronze-aluminium alloy.

Overall length	mm	300	450
9951	Each	95,10	96,60

When the stocks will be run out we will provide the same item Orig. Gedore.

Product description as Art. 9896

BENT SCRIBERS

Bronze-aluminium alloy.

Overall length	mm	190
9951P	Each	56,10

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9951P



Product description as Art. 9896

STEEL BOWS FOR HACKSAWS

Bronze-aluminium alloy. For saws length 300mm.

Overall length	mm	550
9952	Each	309,00

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	63,10

GEDORE

9954



Orig. Gedore

Product description as Art. 9896

TIPS FOR METALS

Copper-beryllium alloy.

Tip Ø	mm	6	7	8	9
Overall length	mm	100	120	140	160
Supplier code.....		GED9991060C	GED9991061C	GED9991062C	GED9991063C
9954E	Each	340,00	354,00	375,00	392,00
Tip Ø	mm	10	11	12	
Overall length	mm	180	200	220	
Supplier code.....		GED9991064C	GED9991065C	GED9991066C	
9954E	Each	413,00	427,00	441,00	

GEDORE

9954E
new



Orig. Gedore - Art. GED 7240001S

Product description as Art. 9896

COMBINED HAMMER AND WRECKING BAR

Bronze-aluminium alloy.

Overall length	mm	230
9955	Each	110,00

GEDORE

9955



Prod. SCU

Product description as Art. 9896

NAIL PULLERS

Bronze-aluminium alloy. Tipo a unghia and chisel.

Overall length	mm	300	500	600	750	900
9956	Each	155,00	187,00	219,00	287,00	359,00

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	17	19	22	22
9957	Each	111,00	163,00	203,00	337,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9957



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	297,00	410,00	525,00	704,00	817,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU

9957E



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	37,40	33,60	37,40	63,50	96,40	96,40

9958

SCU



Product description as Art. 9896

SPATULAS

Bronze-aluminium alloy. Semi-flexible type, with handle.

Blade width	mm	40	60	80	100
9958	Each	52,50	60,70	69,80	78,60

When the stocks will be run out we will provide the same item Orig. Gedore.

9958E

GEDORE



Orig. Gedore - Art. GED1400 S

Product description as Art. 9896

SPATULAS

Bronze-aluminium alloy. Rigid type, with handle.

Blade width	mm	30	40	60	80	110
9958E	Each	45,20	63,10	70,50	80,50	88,10

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

When the stocks will be run out we will provide the same item Orig. Gedore.

9958L

GEDORE



Orig. Gedore - Art. GED9991054S

Product description as Art. 9896

LONG BLADE SCRAPERS

Bronze-aluminium alloy.

Overall length	mm	500
9958L	Each	107,00

9959

SCU



Prod. SCU

Product description as Art. 9896

BRUSHES

With strong brass alloy wires, straight. 5 rows. Wire length 28mm. Dimensions 180x50mm.

9959	Each	68,30
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When the stocks will be run out we will provide the same item Orig. Gedore.

9959T

GEDORE



Orig. Gedore - Art. GED1750009S

Product description as Art. 9896

BRUSHES WITH WOOD HANDLE

With bronze-aluminium alloy threads. 4 rankings. Threads: length 30mm.

Overall length	mm	285
9959T	Each	54,50

9960

GEDORE



Orig. Gedore - Art. GED1750040S

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	33,60

Prod. SCU

Product description as Art. 9896

CIRCULAR BRUSHES

With bronze-aluminium wires, hole Ø 22.2mm.

Ø	mm	150
9960E	Each	262,00

SCU



9960E



Product description as Art. 9896

PICKS

Bronze-aluminium alloy. Two tips, with wooden handle.

Overall length	mm	560
Weight	grams	2300
9961	Each	320,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU



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	328,00

GEDORE



9961E



Prod. SCU

Product description as Art. 9896

SHOVELS

Bronze-aluminium alloy, shovel dimensions 220x310mm, wooden handle.

Overall length	mm	1300
9962	Each	220,00

SCU



9962



Product description as Art. 9896

SHOVELS

Bronze-aluminium alloy, shovel dimensions 310x250mm, wooden handle.

Overall length	mm	1370
9962E	Each	241,00

SCU



9962E



Product description as Art. 9896

SMALL SHOVELS

Bronze-aluminium alloy. Shovel dimensions 190x240mm, wooden handle.

Overall length	mm	550
9962P	Each	124,00

When the stocks will be run out we will provide the same item Orig. Gedore.

SCU



9962P



Orig. Gedore - Art. GED0150380S

Product description as Art. 9896

UNIVERSAL BARREL OPENERS

Bronze-aluminium alloy.

Overall length	mm	380
9963A	Each	150,00

GEDORE



9963A



Orig. Gedore - Art. GED0150382S

Product description as Art. 9896

MULTIFUNCTIONAL BARREL OPENERS

Bronze-aluminium alloy.

Overall length	mm	400
9963B	Each	193,00

GEDORE



9963B



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	118,00

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	444,00
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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	458,00

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

A cura del servizio tecnico di Sicutool

Nr. 1	Durezza degli acciai	Nr. 22	Velocità di taglio consigliate per frese rotative in MD
Nr. 2	Conversione pollici in millimetri	Nr. 23	Punte elicoidali - Caratteristiche ed elementi costruttivi
Nr. 3/a	Forze di precarico e valori di serraggio (DIN 13)	Nr. 24	Dimensioni degli attacchi cilindrici in MD
Nr. 3/b	Forze di precarico, valori di serraggio (UNC-UNF) e tabelle di conversione	Nr. 25	Trattamenti
Nr. 4	Viti a esagono interno	Nr. 26	Consigli per l'impiego di punte elicoidali $\leq 3xD$
Nr. 5	Viti a impronta TORX	Nr. 27	Consigli per l'impiego di punte elicoidali $\leq 3xD$
Nr. 6	Viti a taglio	Nr. 28	Consigli per l'impiego di punte elicoidali $\leq 5xD$
Nr. 7	Viti con impronta PHILLIPS e POZIDRIV	Nr. 29	Consigli per l'impiego di punte elicoidali $\leq 5xD$
Nr. 8/a	Scheda di accoppiamento tra Art. 1417A - 1417F per cuscinetti a sfere Tipo 6000	Nr. 30	Consigli per l'impiego di punte elicoidali $\leq 5xD$
Nr. 8/b	Scheda di accoppiamento tra Art. 1417G - 1417GB per cuscinetti a sfere Tipo 6000	Nr. 31	Consigli per l'impiego di punte elicoidali $\leq 10xD$
Nr. 9	Tabella sulla precisione delle pinze elastiche ER secondo DIN 6499-B	Nr. 32	Consigli per l'impiego di punte elicoidali $\leq 10xD$ e con fori di refrigerazione
Nr. 10	Valori per contropunte rotanti	Nr. 33	Consigli per l'impiego di punte elicoidali $> 10xD$
Nr. 11	Tabella attacchi per mandrini	Nr. 34	Consigli per l'impiego di micropunte $\leq 4xD \leq 7xD \leq 8xD \leq 15xD$
Nr. 12	Tabella attacchi Cono Morse	Nr. 35	Consigli per l'impiego di TS-Drills $\leq 3xD$
Nr. 13/a	Tenditori Art. 2150 - 2151 - 2151E - 2151T - 2152- 2153	Nr. 36	Consigli per l'impiego di TS-Drills $\leq 5xD$
Nr. 13/b	Redance Art. 2155 - 2158A	Nr. 37	Consigli per l'impiego di TS-Drills $\leq 5xD \leq 7xD \leq 10xD \leq 12xD$
Nr. 13/c	Morsetti Art. 2156 - 2158B	Nr. 38	Consigli per l'impiego del sistema di inserti intercambiabili MULTIPLEX
Nr. 13/d	Grilli Art. 2157 - 2157E - 2158E - 2158F	Nr. 39	Diagrammi del refrigerante
Nr. 13/e	Golfari maschi Art. 2159T - 2160 - 2160F - 2160L Golfari femmina Art. 2160T - 2161 - 2161F - 2161L	Nr. 40	Frese frontali - Numero giri e avanzamento
Nr. 14	Caratteristiche dei magneti di sollevamento Art. 2815Z	Nr. 41	Frese a sgrossare - Numero giri e avanzamento
Nr. 15	Giri orientativi delle seghe a tazza in acciaio HSS - bimetalliche Art. 3078GS	Nr. 42	Frese coniche - Numero di Giri/Minuto
Nr. 16	Giri orientativi delle seghe a tazza in HSS integrale o con inserto in MD	Nr. 43/a	Velocità di taglio, avanzamenti, numero di giri per alesatori
Nr. 17	Spessimetri calibrati Sicutool	Nr. 43/b	Velocità di taglio, avanzamenti, numero di giri per alesatori
Nr. 18	Seghe circolari con denti riportati in MD	Nr. 44	Nomenclatura della filettatura
Nr. 19	Dati tecnici delle spazzole abrasive rotative	Nr. 45/a-b	Prefori per maschi
Nr. 20	Abrasivi flessibili	Nr. 45/c-e	Diametro del foro per maschiatura V-Coil
Nr. 21	Dati generali sulla scelta delle mole abrasive e troncatrici	Nr. 45/f-g-h	Dati tecnici filetti riportati DIN 8140
		Nr. 46	Seghe circolari per metalli HSS
		Nr. 47/a-b-c	Seghe a nastro bimetalliche
		Nr. 48	Inconvenienti nell'uso della sega a nastro
		Nr. 49	Velocità e avanzamento di taglio con utensili in HSS, HSS-E e MD

**Assistenza e supporto
sempre al vostro fianco**

**INVIARE RICHIESTE DI ASSISTENZA E
DI INVIO DI RESI PER RIPARAZIONE**

- www.sicutool.it/moduli

CONSULTARE INFORMAZIONI TECNICHE AGGIUNTIVE

- www.sicutool.it/catalogo-web

SALVARE I LISTINI SICUTOOL

- www.sicutool.it/listini



DUREZZA DEGLI ACCIAI
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

CONVERSIONE POLLICI IN MILLIMETRI

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

FORZE DI PRECARICO E VALORI DI SERRAGGIO

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).

IMPORTANTI: 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	0,00043	
M 2,3	407	0,196	544	0,265	1049	0,510	1245	0,598	1755	0,843	2099	1,010		4,5	0,00048
M 2,6	525	0,284	701	0,373	1353	0,726	1598	0,863	2246	1,206	2697	1,451		5	0,00054
M 3	726	0,441	966	0,588	1863	1,128	2206	1,344	3109	1,883	3727	2,256	5,5	0,00061	
M 3,5	971	0,677	1294	0,902	2501	1,736	2962	2,060	4168	2,893	5001	3,481		6	0,00070
M 4	1255	1,000	1677	1,344	3226	2,599	3825	3,040	5374	4,315	6453	5,148		7	0,00080
M 5	2059	1,961	2736	2,648	5286	5,099	6257	6,031	8806	8,483	10591	10,200	8-9	0,00096	
M 6	2903	3,432	3864	4,511	7453	8,728	8836	10,300	12405	14,710	14906	17,652		10	0,00118
M 7	4236	5,590	5649	7,453	10885	14,220	12945	17,162	18191	24,517	21771	28,439		11-12	0,00131
M 8	5315	8,238	7090	10,787	13680	21,575	16230	25,497	22751	35,304	27360	42,168	13-14	0,00155	
M 10	8473	16,67	11278	21,575	21771	42,168	25791	50,014	36284	70,608	43541	85,317		15-17	0,00195
M 12	12356	28,44	16475	38,246	31773	73,550	37657	87,279	52956	122,60	63547	147,10		19-21	0,00232
M 14	16965	45,11	22653	60,801	43639	116,70	51681	138,30	72667	194,20	87279	235,40	22-23	0,00270	
M 16	23340	69,63	31087	93,163	60016	178,50	71196	210,80	100027	299,10	120131	357,90		24-26	0,00300
M 18	28341	95,12	37853	127,50	72961	245,20	86494	289,30	121602	411,90	146118	490,30		27	0,00335
M 20	36481	135,3	48641	180,45	93849	384,10	111305	411,90	156415	578,60	187796	696,30	30	0,00370	
M 22	45601	182,4	60801	245,16	117189	470,70	139254	559,00	195642	784,50	234378	941,40		32	0,00400
M 24	52563	230,5	70019	308,91	135331	598,20	160338	711,00	225552	1000	270662	1196		36	0,00440
M 27	69235	343,2	92280	460,90	177990	887,50	210842	1049	296159	1481	355980	1775	41	0,00497	
M 30	84043	465,8	112286	622,72	215745	1206	255952	1422	359902	2010	432471	2403		46	0,00550
M 33	104931	632,5	139744	848,30	269682	1628	319695	1932	449142	2716	539363	3266		50	0,00605
M 36	123073	814,0	164261	1089	316753	2099	374612	2481	527595	3491	632526	4197	55	0,00664	
M 39	148080	1059	197113	1412	380496	2716	451104	3226	633506	4531	760992	5443		60	0,00715
M 42	169164	1304	225552	1746	435413	3364	515827	3991	725688	5609	870826	6727		65	0,00771
M 45	198093	1638	264778	2177	509943	4207	604087	4992	850232	7012	1019886	8414	70	0,00836	
M 48	222610	1981	297140	2638	573686	5080	679597	6021	956144	8473	1147372	10150		75	0,00895
M 52	267720	2540	356960	3393	688423	6541	815909	7747	1147372	10885	1377827	13092		80	0,00961
M 56	308908	3168	411877	4227	793354	8149	940453	9650	1323891	13582	1588669	16279	85	0,01032	
M 60	360883	3932	481504	5247	927704	10101	1098339	11964	1544540	16867	1853447	20202		90	0,01098
M 64	407955	4737	544266	6306	1049306	12160	1245438	14416	1750478	20300	2098612	24320		95	0,01169
M 68	467836	5780	668338	8257	1203008	14863	1425787	17615	2005013	24771	2406016	29725	100	0,01235	
M 72	531574	6917	759392	9882	1366905	17787	1620036	21081	2278175	29645	2733810	35575		105	0,01301
M 76	599377	8194	856253	11706	1541255	21071	1826672	24973	2568758	35118	3082510	42141		110	0,01367
M 80	671244	9618	958921	13741	1726057	24733	2045697	29314	2876762	41222	3452115	49467	115	0,01432	
M 90	868696	13953	1240994	19934	2233789	35880	2647453	42525	3722982	59801	4467578	71761		130	0,01606
M 100	1091549	19425	1559355	27750	2806839	49950	3326624	59200	4678066	83250	5613679	99900		145	0,01779

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 geometria 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:

$$X = 0,001 \left[0,159 \cdot P + \mu_{\text{posto}} \left(0,578 \cdot d^2 + \frac{Dm}{2} \right) \right]$$

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.

$$\text{Pertanto avremo: } M_A = 60.000 \cdot 0,003 \\ M_A = 180 \text{ Nm}$$

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

$$P_V = \frac{135}{0,003} = 45.000 \text{ N}$$


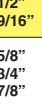
FORZE DI PRECARICO E VALORI DI SERRAGGIO

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
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

 UNF	VITI A GAMBO, filettatura fine UNF													Fattore X [m] per la determinazione del valore M _A (momento torcente)
	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"	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	kpm									
	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	lbf.ft.									
	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.	Nm									
	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	

VITI A ESAGONO INTERNO







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		0,7
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	 " 						
							
	"	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

VITI CON IMPRONTA TORX


Tabella N. 5

Diametro viti corrispondente all'impronta TORX

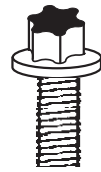



Corrispondenza diametro della vite e chiave maschio TORX®

 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	

VITI A TAGLIO
Tabella N. 6

Diametro viti corrispondente al taglio dei giraviti






 Ø Viti mm	PER METALLO			
				
	Testa piana	Testa bombata	Testa cilindrica	Testa larga cilindrica
	e x A	e x A	e x A	e x A
1,6	0,4x2,5	0,4x2,5	0,4x2	0,4x2
2	0,5x3	0,5x3	0,4x2,5	0,4x2,5
2,5	0,6x3,5	0,6x3,5	0,5x3	0,5x3
3	0,8x4	0,8x4	0,6x3,5	0,6x3,5
3,5	1,0x5,5	1,0x5,5	0,8x4	0,8x4
4	1,2x6,5	1,2x6,5	1,0x5,5	1,0x5,5
5	1,2x8	1,2x8	1,2x6,5	1,2x6,5
6	1,6x10	1,6x10	1,2x8	1,2x8
8	2,0x12	2,0x12	1,6x8	1,6x10
10	2,5x14	2,5x14	2,0x12	2,0x12





 Ø Viti	PER LAMIERA		
			
	Testa piana	Testa bombata	Testa larga cilindrica
	e x A	e x A	e x A
ST.2,2	0,5x3	0,5x3	0,5x3
ST.2,9	0,8x4	0,8x4	0,8x4
ST.3,5	1x5,5	1x5,5	1x5,5
ST.4,2	1,2x6,5	1,2x6,5	1,2x6,5
ST.4,8	1,2x8	1,2x8	1,2x8
ST.5,5	1,6x10	1,6x10	1,6x10
ST.6,3	1,6x10	1,6x10	1,6x10
ST.8	2x12	2x12	2x12
ST.9,5	2,5x14	2,5x14	2,5x14

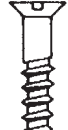



 Ø Viti mm	PER LEGNO		
			
	Testa piana	Testa bombata	Testa tonda
	e x A	e x A	e x A
1,6	0,4x2,5		0,4x2
2	0,5x3	0,5x3	0,5x3
2,5	0,6x3,5	0,6x3,5	0,6x3,5
3	0,8x4	0,8x4	0,8x4
3,5	1,0x5,5	1,0x5,5	1,0x5,5
4	1,2x6,5	1,2x6,5	1,2x6,5
4,5	1,2x8	1,2x8	1,2x6,5
5	1,2x8	1,2x8	1,2x8
6	1,6x10	1,6x10	1,6x10
7	2,0x12		2,0x12
8	2,0x12		2,0x12

VITI CON IMPRONTA PHILLIPS E POZIDRIV
Tabella N. 7

Diametro viti corrispondente all'impronta dei giraviti

 Ø Viti mm	PER METALLO			
				
	Testa piana ISO 7046	Testa bombata ISO 7047	Testa cilindrica bombata ISO 7045	Testa bombata larga
	N°	N°	N°	N°
1,6	0	0	0	—
2	0	0	0	—
2,5	1	1	1	—
3	1	1	1	1
3,5	2	2	2	2
4	2	2	2	2
4,5	2	2	2	—
5	2	2	2	2
6	3	3	3	3
8	4	4	4	4
10	4	4	4	—

 Ø Viti	PER LAMIERA		
			
	Testa bombata ISO 7050	Testa cilindrica bombata ISO 7049	Testa bombata larga
	ISO 7051		
	N°	N°	N°
ST.2,2	0	0	0
ST.2,9	1	1	1
ST.3,5	2	2	2
ST.4,2	2	2	2
ST.4,8	2	2	2
ST.5,5	3	3	3
ST.6,3	3	3	3
ST.8	4	4	4
ST.9,5	4	4	4

 Ø Viti mm	PER LEGNO		
			
	Testa piana	Testa bombata	Testa tonda
	N°	N°	N°
2,2	0	0	0
2,5	1	1	1
3	1	1	1
3,5	2	2	2
4	2	2	2
4,5	2	2	2
5	2	2	2
6	3	3	3
8	4	4	4
10	4	4	4

SCHEDA DI ACCOPPIAMENTO TRA ART. 1417A - 1417F per cuscinetti a sfere Tipo 6000
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*

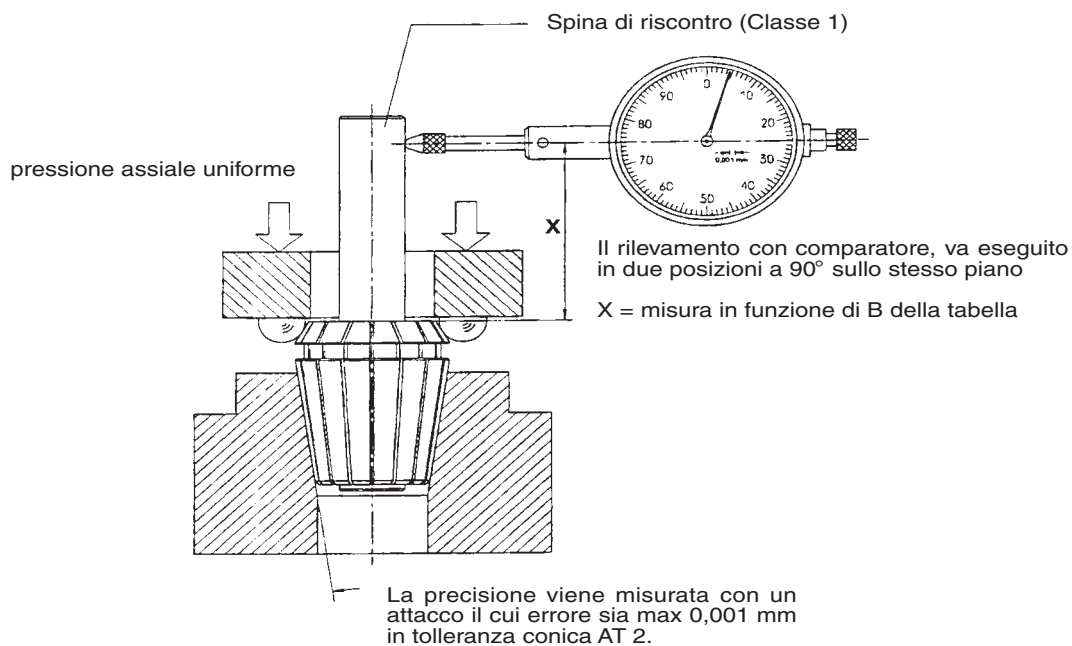
* Per l'estrazione di questi cuscinetti si utilizzano anelli di ancoraggio.

SCHEDA DI ACCOPPIAMENTO TRA ART. 1417G - 1417GB per cuscinetti a sfere Tipo 6000
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

**TABELLA SULLA PRECISIONE DELLE PINZE ELASTICHE ER
Secondo 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.

VALORI PER CONTROPUNTE ROTANTI TRA VELOCITA' DI ROTAZIONE (N° GIRI AL MINUTO) E PORTATA MASSIMA IN KG IN RAPPORTO ALLA PRESSIONE RADIALE E ASSIALE

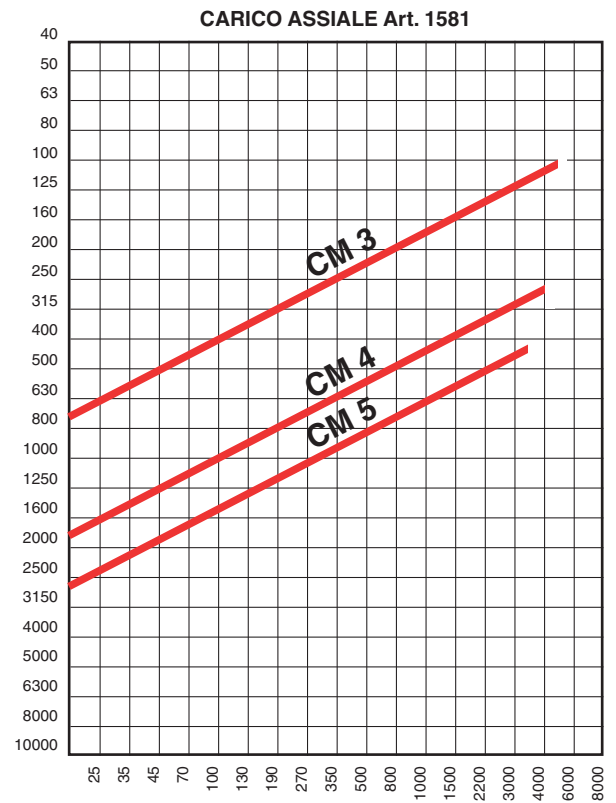
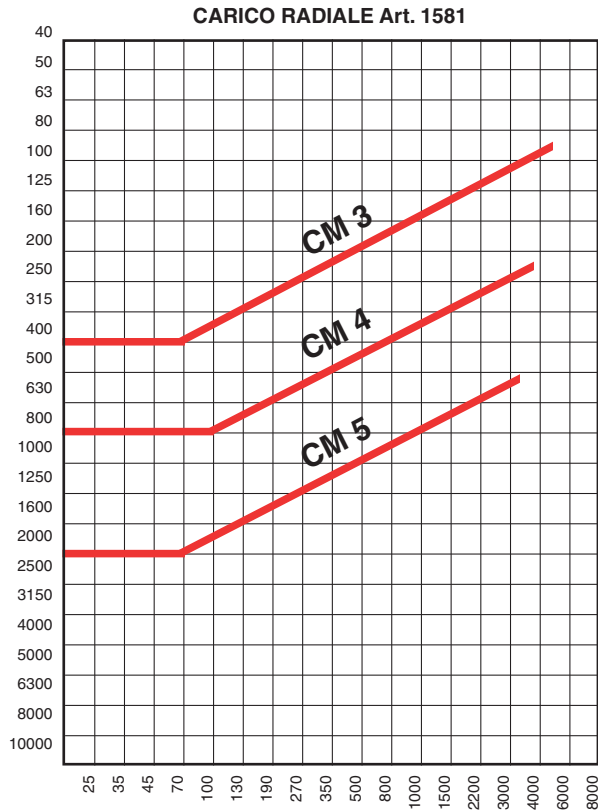
Tabella N. 10

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"

TENDITORI Art. 2150 - 2151 - 2151E - 2151T - 2152- 2153
Tabella N. 13/a
ISTRUZIONI PER IL CORRETTO UTILIZZO DEI TENDITORI

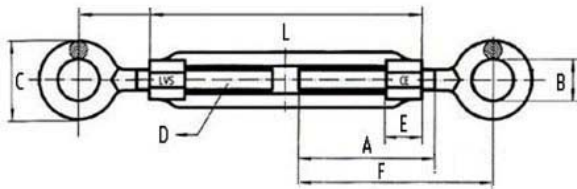
1. I tenditori devono essere usati solo per tiro diritto od allineato, prestando particolare attenzione per prevenire sovraccarichi.
2. In caso di deformazione ridurre immediatamente la tensione e sostituire le parti deformate.
3. I carichi indicati in tabella devono essere applicati in modo stabile 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° 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

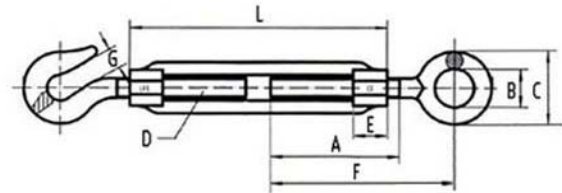
WLL = (working load limit) **carico di lavoro massimo in tons**

BL = **coefficiente di sicurezza**; il valore del **BL** è soltanto un' indicazione per la sicurezza del prodotto.

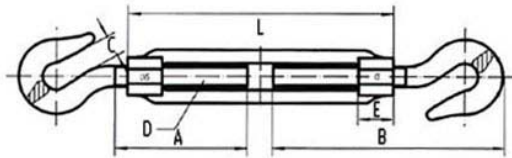
I carichi (WLL) indicati in tabella **non devono essere mai superati in alcun caso.**

**TENDITORI FORGIATI A DUE OCCHI ZINCATI
ART. 2150**


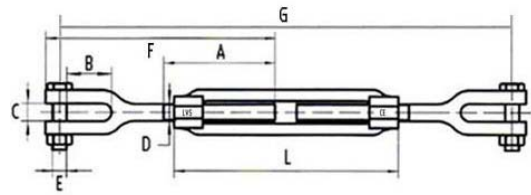
D	D''	A	B	C	E	F	L	WLL	BL	Peso Cad. g
5	3/16	35	8	16	9	49	70	0,10	4	52
6	1/4	44	11	19	10	59,5	90	0,15	4	97
8	5/16	52	11	22	13	71	110	0,30	4	155
10	3/8	62	14	28	14	90	125	0,47	4	282
11	7/16	68	15	33	18	90	125	0,58	4	331
12	1/2	70	16	33	18	91,5	140	0,65	4	402
14	9/16	85	18	36	20	113	170	0,80	4	586
16	5/8	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

**TENDITORI FORGIATI AD OCCHIO
E GANCIO ZINCATI
ART. 2151**


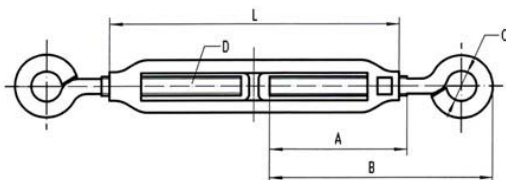
D	D''	A	B	C	E	G	F	L	WLL	BL	Peso Cad. g
5	3/16	35	8	16	9	7	49	70	0,025	4	50
6	1/4	44	11	19	10	8	59,5	90	0,045	4	94
8	5/16	52	11	22	13	10	71	110	0,075	4	158
10	3/8	62	14	28	14	12	90	125	0,115	4	286
11	7/16	68	15	33	18	15	90	125	0,14	4	336
12	1/2	70	16	33	18	15	91,5	140	0,15	4	415
14	9/16	85	18	36	20	17	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**


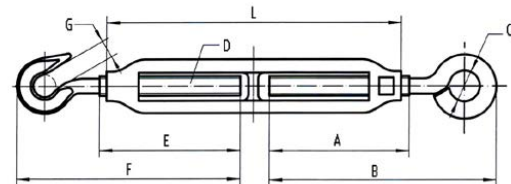
D	D''	A	B	C	E	L	WLL	BL	Peso Cad. g
5	3/16	35	63	7	9	70	0,025	4	49
6	1/4	44	75	8	10	90	0,045	4	91
8	5/16	52	94	10	13	110	0,075	4	162
10	3/8	62	117	12	14	125	0,115	4	282
11	7/16	68	122	15	18	125	0,14	4	330
12	1/2	70	125	15	18	140	0,15	4	426
14	9/16	85	152	17	20	170	0,21	4	615
16	5/8	90	154	19	22	190	0,34	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**


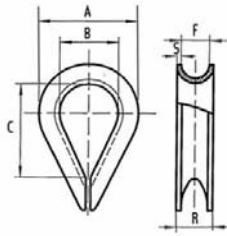
D	D''	A	B	C	L	Peso Cad. g
4	5/32	31	49	7	60	30
5	3/16	35	58	8	70	46
6	1/4	44	71	10	90	83
8	5/16	59	95	14	120	162
10	3/8	73	116	16	150	293
12	1/2	95	146	18	200	560
16	5/8	116	187	22	250	1180
20	3/4	145	230	28	300	2265

**TENDITORI AD OCCHIO E
GANCIO ACCIAIO INOX 316
ART. 2153**


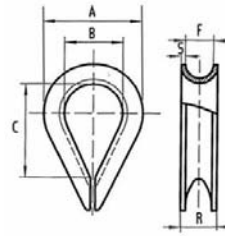
D	D''	A	B	C	E	F	G	L	Peso Cad. g
4	5/32	31	49	7	31	51	8	60	30
5	3/16	35	58	8	35	61	9	70	45
6	1/4	44	71	10	44	73	9	90	81
8	5/16	59	95	14	59	100	11	120	160
10	3/8	73	116	16	73	120	13	150	288
12	1/2	95	146	18	95	156	15	200	555
16	5/8	116	187	22	116	187	16,5	250	1165
20	3/4	145	230	28	145	215	22	300	2250

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

MORSETTI 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.

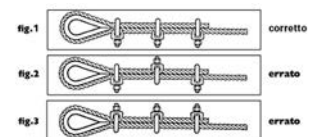
5. L'utilizzo con temperature inferiori a -20°C e superiori a $+80^{\circ}\text{C}$ può risultare compromesso.

6. Non utilizzare morsetti che presentino segni evidenti di usura.

7. Controllare attentamente il prodotto prima di ogni utilizzo.

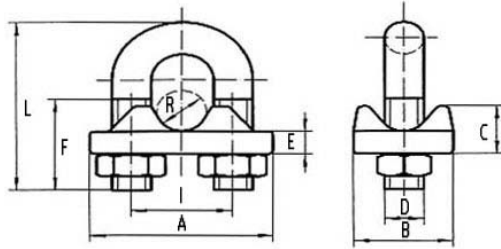
8. Ogni modifica, trattamento o lavorazione successiva alla vendita esonerano Sicutool da ogni responsabilità.

9. Le misure sono espresse in millimetri (mm).

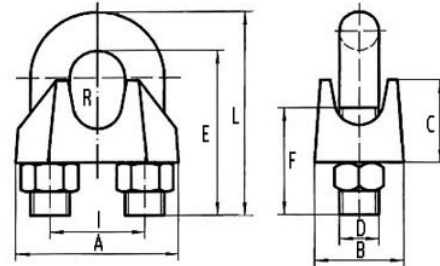

LEGENDA

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

GRILLI 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)..

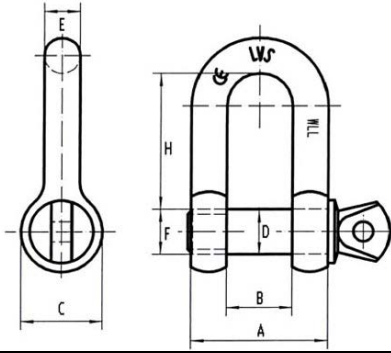
LEGENDA

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.

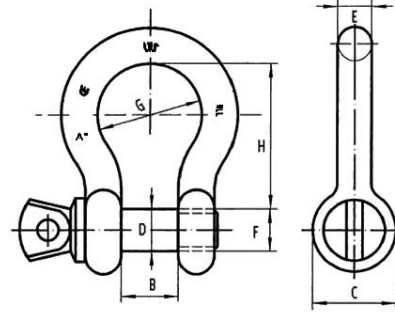
I carichi (WLL) indicati in tabella **non devono essere mai superati in alcun caso.**

**GRILLI DIRITTI ZINCATI
ART. 2157**



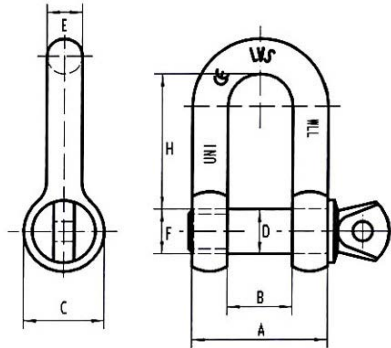
D	A	B	C	E	F	H	WLL	BL	Peso Cad. g
5	19	10	10	5	M5	19	0,10	5	14
6	24	12	12	6	M6	24	0,16	5	25
8	30	17	15,5	7	M8	29	0,25	5	47
10	34,5	18	20	8	M10	42	0,40	5	98
11	38,5	21	22	9	M11	46	0,50	5	138
12	41	22	24	10	M12	50	0,63	5	180
14	48	25	28	11	M14	57	0,80	5	254
16	52	27	32	13	M16	61	1	5	375
18	63	31	35	16	M18	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**



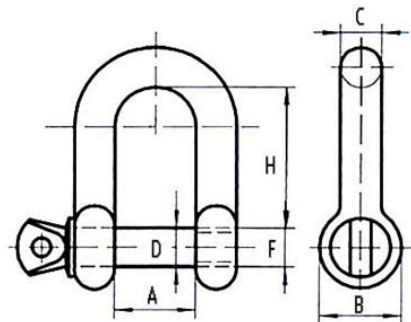
A''	B	C	D	E	F	G	H	WLL	BL	Peso g
3/16	9,5	14	6	5	1/4	16	22	0,33	6	30
1/4	12	17	8	6,4	5/16	20	28,5	0,50	6	49
5/16	13,5	21	10	8	3/8	21	31	0,75	6	87
3/8	17	24,5	11	9,6	7/16	26	37	1,00	6	150
7/16	19	27	13	11,1	1/2	29	43	1,50	6	216
1/2	21	32	16	12,7	5/8	33	48	2,00	6	332
5/8	27	40	19	15,8	3/4	43	60	3,25	6	646
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

GOLFARI MASCHI Art. 2159T - 2160 - 2160F - 2160L
GOLFARI FEMMINA Art. 2160T - 2161 - 2161F - 2161L

Tabella N. 13/e

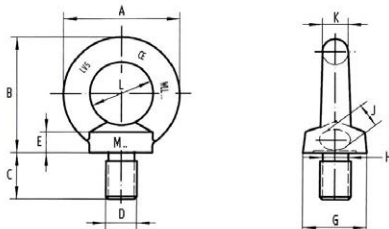
ISTRUZIONI PER IL CORRETTO UTILIZZO DEI GOLFARI MASCHI E FEMMINA

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 dritto 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).

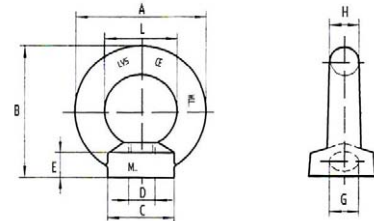
LEGENDA

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

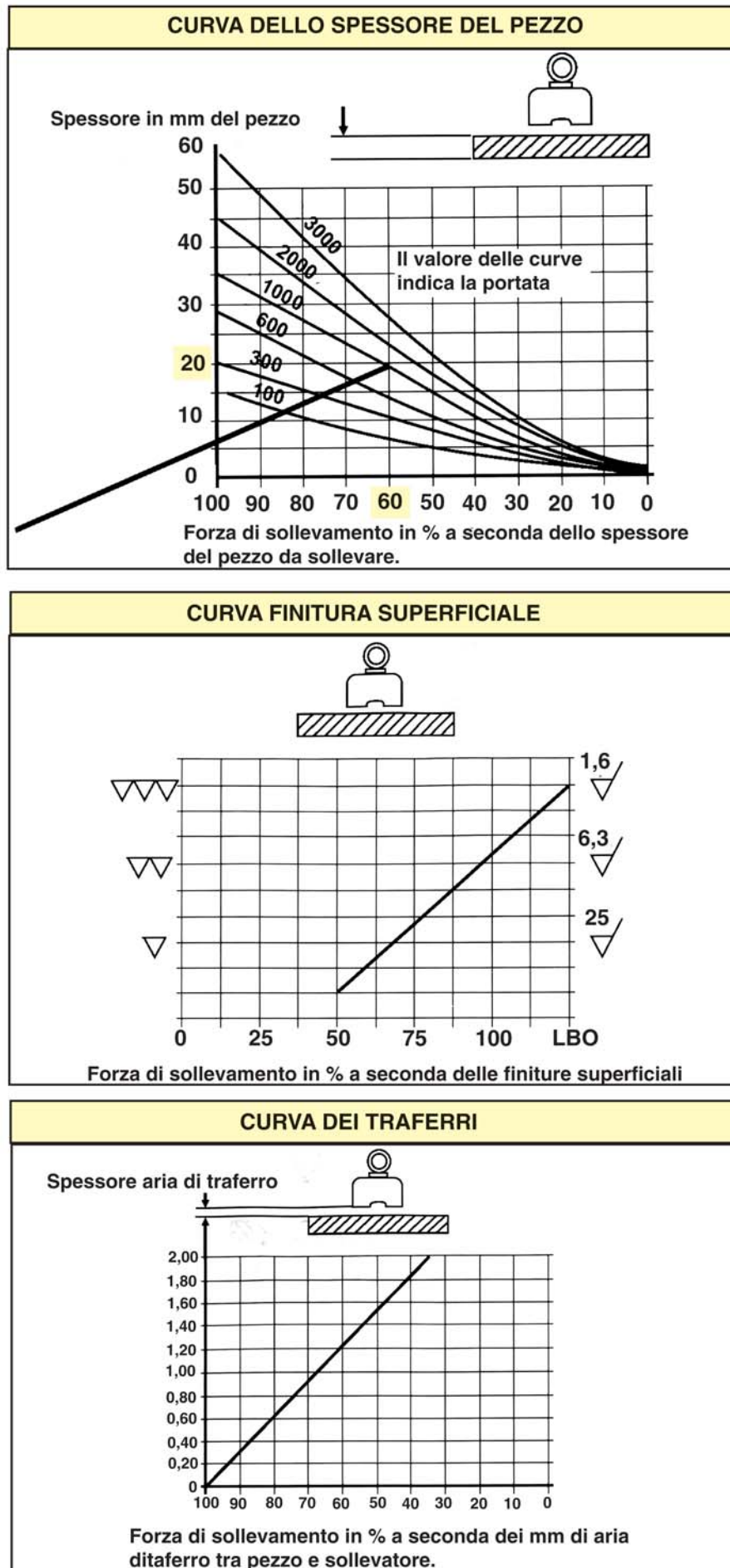


D	P	PF	A	B	C	E	G	H	K	J	L	WLL	WLL*	BL	Peso Cad. g
6	1	-	36	36	13	6	20	4,6	8	10	20	0,075	0,05	6	56
8	1,25	-	36	36	13	6	20	6	8	10	20	0,14	0,10	6	58
10	1,5	-	45	45	17	8	25	7,7	10	12	25	0,23	0,17	6	108
12	1,75	1,25	54	53	20,5	10	30	9,4	12	14	30	0,34	0,24	6	177
14	2	1,5	63	62	27	12	35	11,3	14	16	35	0,50	0,35	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

CARATTERISTICHE DEI MAGNETI DI SOLLEVAMENTO 2815Z

Tabella N. 14



GIRI ORIENTATIVI PER SEGHE A TAZZA IN ACCIAIO HSS - BIMETALLICHE 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

GIRI ORIENTATIVI DELLE SEGHE A TAZZA IN HSS INTEGRALE O CON INSERTO IN MD

Tabella N. 16

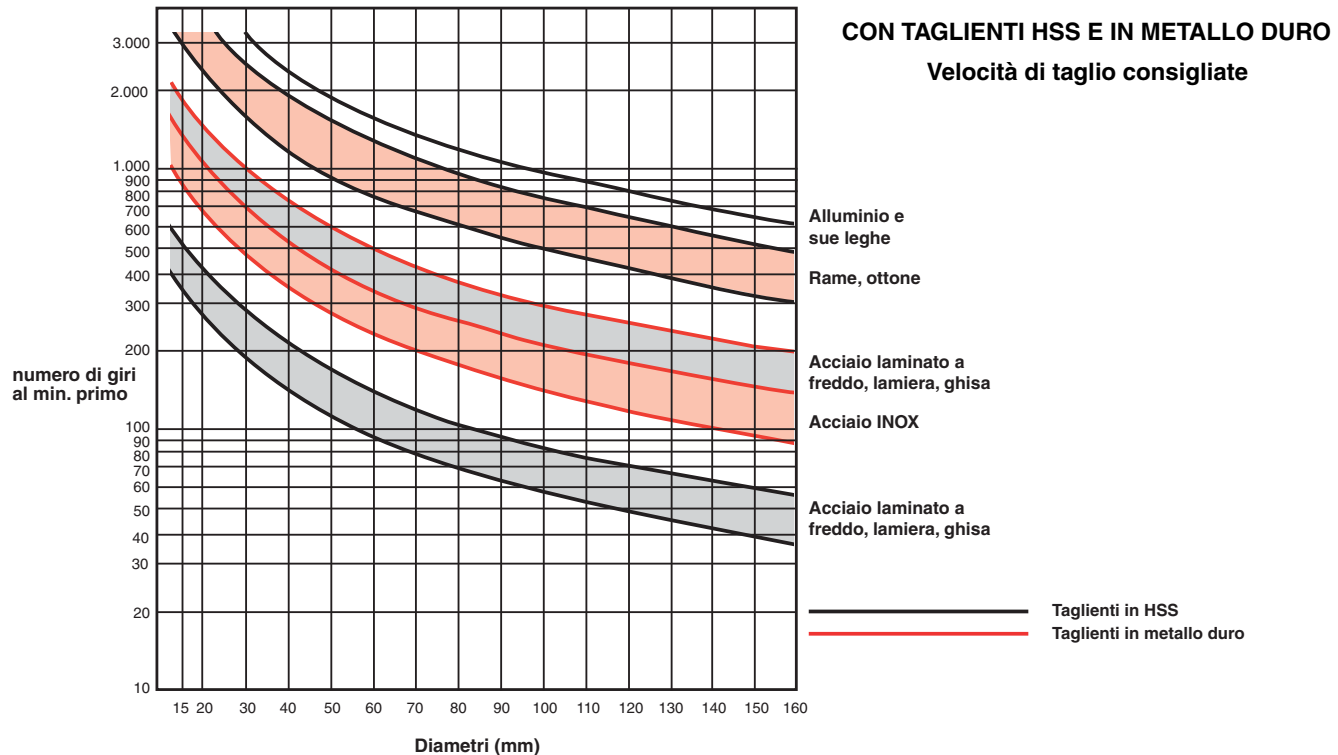

SPESSIMETRI CALIBRATI SICUTOOL

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 — 0,03	0,04 — 0,06	0,07 — 0,12	0,15 + 0,18	0,20	0,25 + 0,30	0,35	0,40 + 0,45	0,50 + 0,60	0,70	0,80 — 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

**SEGHE CIRCOLARI CON DENTI RIPORTATI IN METALLO DURO PER LEGNO
MATERIALI COMPOSITI - SINTETICI - ALLUMINIO**

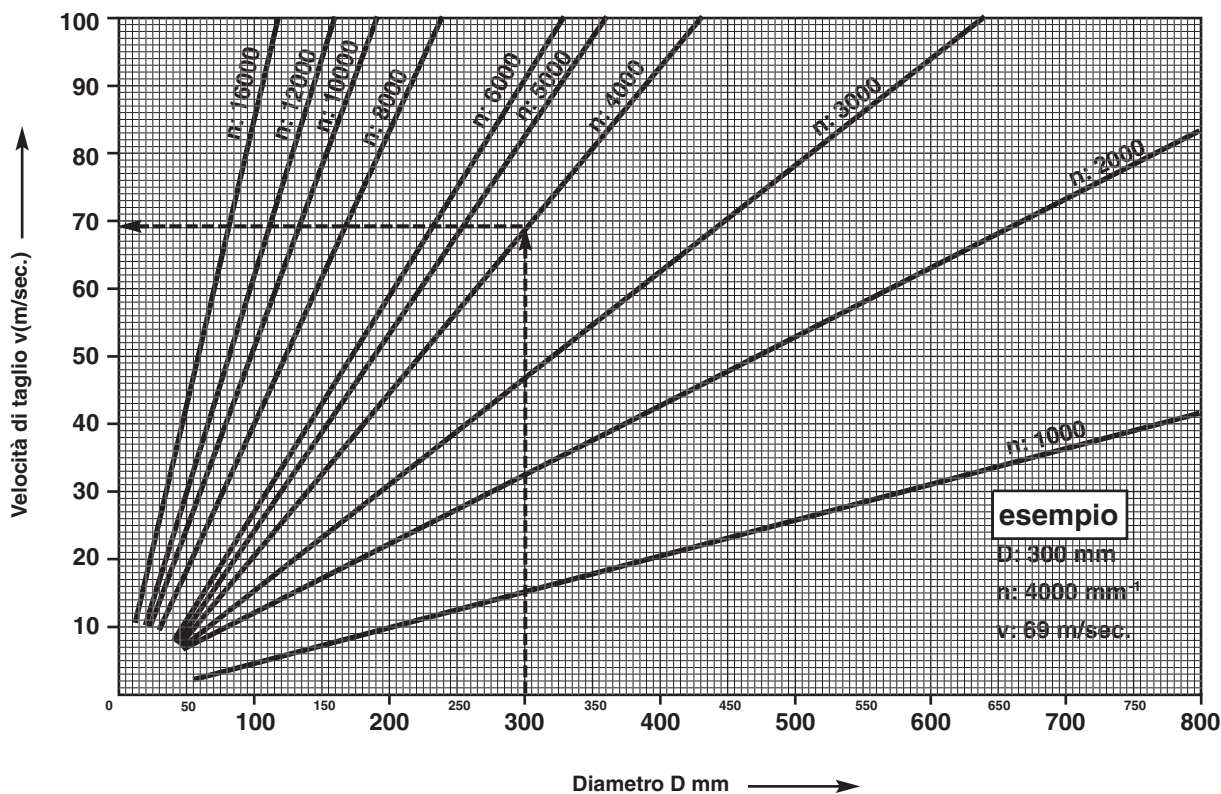
Tabella N. 18

**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 (trucoli 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.

DATI TECNICI DELLE SPAZZOLE ABRASIVE ROTATIVE

Tabella N. 19

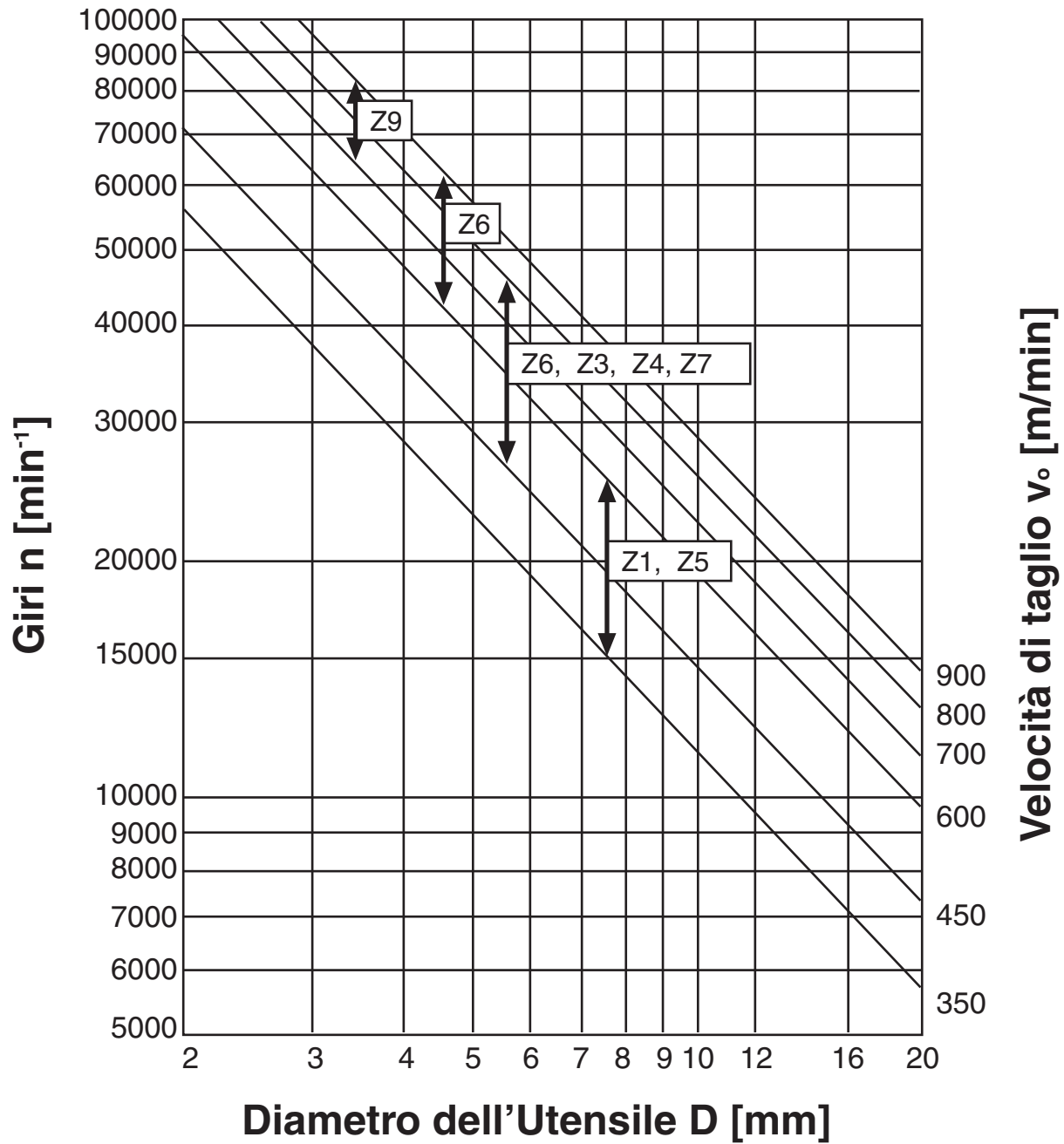
Velocità m/s	Tabella velocità ottimale spazzole Art. 7932 G/7933 G/7934/7934 E/7934 P	Velocità m/s	Tabella velocità ottimale spazzole Art. 7935 G a 7937 G/7943 G a 7945 G	Velocità m/s	Tabella velocità ottimale spazzole Art. 7949
25 - 40	Per acciai e ghise	10 - 25	Per leghe al Cr-Ni e leggere	10 - 25	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

ABRASIVI FLESSIBILI
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

DATI GENERALI SULLA SCELTA DELLE MOLE ABRASIVE E TRONCATRICI
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	»

VELOCITA' DI TAGLIO CONSIGLIATE PER FRESE ROTATIVE IN METALLO DURO
Tabella N. 22


PUNTE ELICOIDALI - CARATTERISTICHE ED ELEMENTI COSTRUTTIVI

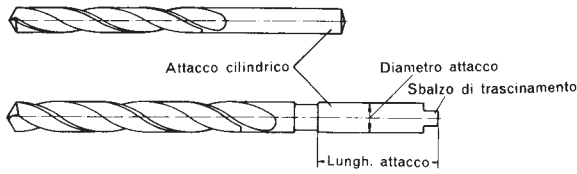
Tabella N. 23



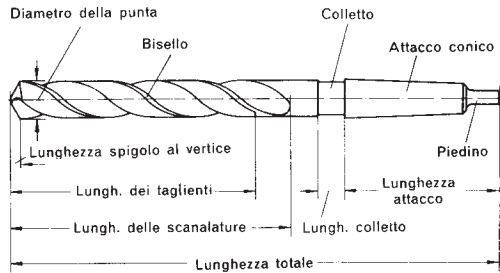
HARTNER

Nomenclatura conforme DIN 1412

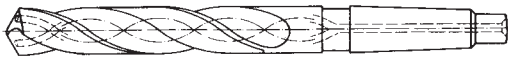
Punte elicoidale con attacco cilindrico



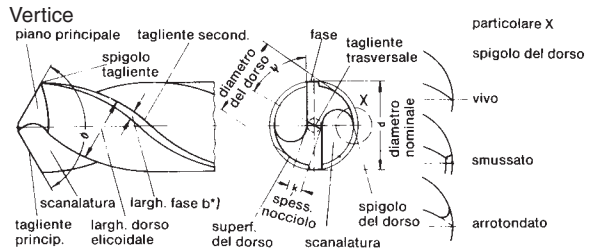
Punte elicoidali con attacco Cono Morse



Punte con canali di lubrificazione



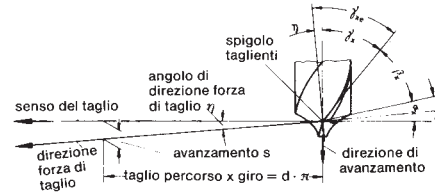
Estratto da DIN 1412, edito il 12/66



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_{μ} , ved. DIN 6581.

Gli angoli dei taglienti

Come punto di riferimento è stato scelto il piano dei taglienti.



- α x Angolo di spoglia inferiore nominale (Alpha)
- α x e Angolo di spoglia inferiore effettivo
- β x Angolo di taglio inferiore (Beta)
- γ x Angolo di spoglia superiore nominale (Gamma)
- γ x e Angolo di spoglia superiore effettivo
- 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 cono. Per dettagli ved. DIN 6581, concetti della tecnica di asportazione del truciolo e geometria dei taglienti degli utensili.

Tipi, impieghi, caratteristiche costruttive

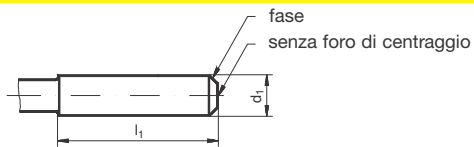
	Tipo	Impiego	Angolo di spoglia sup.	Angolo del vert.	Tipo di affilatura
	N	per materiali a truciolabilità normale (p. es. acciaio, ghisa, ghisa grigia)	20° - 30°	118°	normale
	H	per materiali duri, a trucioli corti (p. es. ottone, bronzo, elektron)	12° - 16°	118°	normale
	W	per materiali teneri, a trucioli 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	-	-	-	-	-

DIMENSIONI DEGLI ATTACCHI CILINDRICI IN METALLO DURO SECONDO DIN 6535
Tabella N. 24
Forma HA, liscio

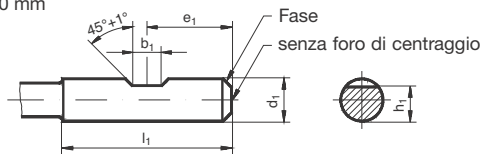

Misure in mm



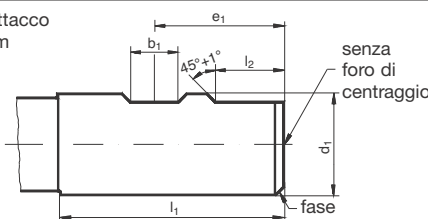
d_1	l_1	d_1	l_1	d_1	l_1
h6	+2 0	h6	+2 0	h6	+2 0
2	28	8	36	18	48
3	28	10	40	20	50
4	28	12	45	25	56
5	28	14	45	32	60
6	36	16	48		

Forma HB, con piano di attacco laterale

Misure in mm



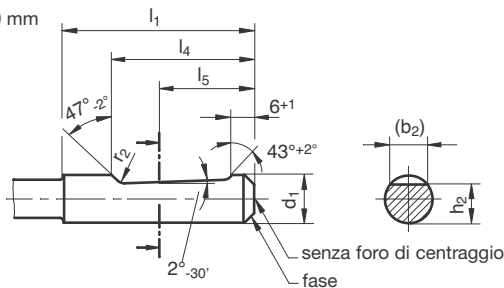
d_1	b_1	e_1	h_1	l_1	l_2
h6	+0,05 0	0 -1	h11	+2 0	+1 0
6	4,2	18	5,1	36	-
8	5,5	18	6,9	36	-
10	7	20	8,5	40	-
12	8	22,5	10,4	45	-
14	8	22,5	12,7	45	-
16	10	24	14,2	48	-
18	10	24	16,2	48	-
20	11	25	18,2	50	-

 con 2 piani di attacco
 $d_1 = 25$ e 32 mm


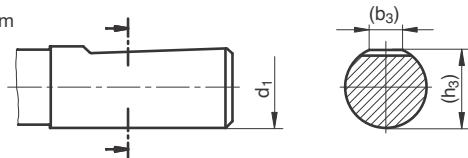
25	12	32	23	56	17
32	14	36	30	60	19

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

TRATTAMENTI
Tabella N. 25

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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

CONSIGLI PER L'IMPIEGO DI PUNTE ELICOIDALI CONVENZIONALI
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


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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 nitrurati	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 > 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9 3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600 ≤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 a truciolo lungo	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2 2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600 ≤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 nitrurate

● bruno-dorate

● MolyGlide

≤3xD

81110	81120	81130	81140	84400	84501	81171	82971	81173	82972	84803	84503
81115			81145								
1897	1897	1897	1897	1897	1897	1897	N.d.F.	1897	N.d.F.	1897	1897
HSS				HSS	HSS	HSS-E				HSS-E	HSS-E



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.	Vc 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	4	4			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			7	7						
70			7	7			85	8	90			7	7						
50	7		7	7			60	8	80			7	7						
50	6		6	6			60	7	70			6	6						
70	6	6	6	6			90	6	70			6	6						
60	5		5	5			70	6	40			5	5						
70		6	6	6			80	6	60			5	5						
40	5		5	5			50	6	40			5	5						
30	4	4	4	4			36	5	35			4	4	45	5	50	6		
25	4		4	4			27	4	30			4	4	40	4	45	5		
15	4		4	4			16	4	20			4	4	23	4	26	5		
							15	4	15			4	4	17	4	20	5		
18	4	4	4	4			22	4	20			4	4						
28	5	5	5	5			36	5	30			4	4						
								47	6										

CONSIGLI PER L'IMPIEGO DI PUNTE ELICOIDALI CONVENZIONALI
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) 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 nitrurati	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 > 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9 3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600 ≤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 a truciolo lungo	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2 2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600 ≤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 CuAl1Ni, 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 nitrurate

● bruno-dorate

CONSIGLI PER L'IMPIEGO DI PUNTE ELICOIDALI CONVENZIONALI

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	2,000	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/mm²	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 nitrurati	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 nitrurate

bruno-dorate

MolyGlide

CONSIGLI PER L'IMPIEGO DI PUNTE ELICOIDALI CONVENZIONALI

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) 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 nitrurati	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 > 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9 3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600 ≤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 a truciolo lungo	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2 2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600 ≤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 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



V _c 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	5	5	5
20	4	4	4			4
16	3	3	3	3		3
36	6	6	6	6	6	6
20	4	4	4			3
15	3	3	3	3		3
16	4	4	4			3
12	3	3	3	3		3
15	4	4	4			3
12	3	3	3	3		3
15	3	3	3	3		3
8	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			5
30	6	6	6			5
30	6	6	6			5
28	6	6	6			5
10	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			

V _c m/min	Num. col. avanzam.		
38	6	6	
33	5	5	
44	5	5	
38	5	5	
44	5	5	
38	4	4	
27	4	4	
22	3	3	3
44	4	4	
22	4	4	
18	3	3	
22	4	4	
18	3	3	
19	4	4	
14	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	
40		4	
22	4	4	
17	4	4	4
22	4	4	

V _c m/min	Num. col. avanzam.	
42	6	
36	5	
48	6	
42	6	
48	6	
42	5	
30	5	
34	4	4
48	6	
24	5	
20	4	
24	5	
20	4	
21	5	
16	4	
17	4	4
11	3	2
6	1	
22	5	5
17	4	3
20	4	4
45	7	
40	7	
36	7	
29	7	
14	4	3
7		2
12		2
8		2
85	8	
72	7	
96	6	
25	5	
20	5	4
24	5	

TiAIN

AiTiN nano

AiTiN

TiCN

FIRE

TiN

TiAlSiN

CONSIGLI PER L'IMPIEGO DI PUNTE ELICOIDALI CONVENZIONALI

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) 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 nitrurati	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 > 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9 3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600 ≤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 a truciolo lungo	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2 2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600 ≤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 nitrurate

bruno-dorate

MolyGlide

CONSIGLI PER L'IMPIEGO DI PUNTE ELICOIDALI CONVENZIONALI

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		<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 type="radio"/>
Acciai nitrurati	1.8504 34CrAl6	≤1000		<input type="radio"/>
	1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1400		<input 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 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	<input type="radio"/>
			≤66 HRC	<input type="radio"/>
Acciai inossidabili, allo zolfo	1.4005 X12CrS13, 1.4104 X14CrMoS17, 1.4105 X6CrMoS17, 1.4305 X8CrNiS18-9	≤900		<input type="radio"/>
austenitici	1.4301 X5CrNi18-10 (V2A), 1.4541 X6CrNiTi18-10, 1.4571 X6CrNiMoTi 17-12-2 (V4A)	≤1100		<input type="radio"/>
martensitici	1.4057 X20CrNi172 (X17CrNi16-2), 1.4122 X39CrMo17-1, 1.4521 X2CrMoTi18-2	≤1500		<input 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 type="radio"/>
Titanio e leghe di titanio	3.7024 Ti99,5, 3.7114 TiAl5Sn2,5, 3.7124 TiCu2	≤850		<input type="radio"/>
	3.7154 TiAl6Zr5, 3.7165 TiAl6V4, 3.7184 TiAl4Mo4Sn2,5, - TiAl8Mo1V1	≤1400		<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 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 nitrurate
- bruno-dorate
- MolyGlide

≤10xD

81210	81317	81310	82210	81320	81330	81350	81340
339	340	340	341	340	340	340	340
HSS							
N	N	N	N	H	W	FW	FN

84814
340
HSS-E
FU500DZ

84812
340
HSS-E
FU500DZ

84418	84423
340	340
HSS	
N	FN

84506
340
HSS
FN



V _c m/min	Num. col. avanzam.			
24	6	6	6	6
20	5	5	5	5
27	6	6	6	6
27	5	5	5	5
22	5	5	5	5
22	5	5	5	5
27	6	6	6	6
14	4	4	4	4
27	6	6	6	6
27	6	6	6	6
22	6	6	6	6
18	6	6	6	6
65			7	7
65			7	7
45	7	7	7	7
45	6	6	6	6
63	6	6	6	6
54	5	5	5	5
63			6	6
36	5	5	5	5
28	4	4	4	4
22	4	4	4	4
22	4	4	4	4
14	4	4	4	4
22	5	5	5	5

V _c m/min	Num. avanz.
29	5
22	4
32	5
25	5
25	5
22	5
13	4
12	3
11	2
25	5
12	3
11	2
12	3
7	2
12	3
9	2
9	2
12	3
7	3
11	3
29	6
23	6
25	6
18	6
45	7
45	7
54	7
45	6
45	6
60	5
40	5
25	5
31	4
22	4
22	4
18	4
16	4
11	4

V _c m/min	Num. avanz.
32	5
25	4
35	5
28	5
28	5
25	5
15	4
13	3
12	2
28	5
14	3
12	2
13	3
8	2
13	9
10	2
10	2
13	3
8	3
12	3
32	6
26	6
28	6
20	6
50	7
50	7
60	7
50	6
50	6
70	5
50	5
28	5
35	4
25	4
24	4
20	4
18	4
12	4

V _c m/min	Num. col. avanzam.	
28	6	6
22	5	5
30	6	6
30	5	5
25	5	5
25	5	5
22	4	4
18	4	4
30	6	6
14	4	4
12	4	4
16	4	4
10	3	3
30	6	6
30	6	6
24	6	6
20	6	6
50	7	7
50	6	6
70	6	6
60	5	5
40	5	5
30	4	4
25	4	4
14	4	4
12	4	4
18	4	4
32	5	5

V _c m/min	Num. avanz.
30	7
24	6
33	7
33	6
28	6
28	6
24	5
23	5
33	7
18	5
15	5
19	5
13	4
33	7
33	7
26	7
22	7
55	8
55	7
65	6
44	6
16	5
14	5
23	5

TiAIN

AiTiN nano

AiTiN

TiCN

FIRE

TiN

TiAlSiN

CONSIGLI PER L'IMPIEGO DI PUNTE ELICOIDALI CONVENZIONALI

Tabella N. 32

Articolo nr. (R)

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:

- (R) destre
- (L) 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

M MolyGlide

≤10xD

81311	82211	81341	81361
340	341	340	340
HSS-E			

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		
assiale	assiale	assiale

82525
N.d.F.
HSS-E
assiale

82515
N.d.F.
HSS-E
assiale



Vc m/min	Num. col. avanzam.			
33	5	O5	5	
27	5	5	5	
36	5	5	5	
32	5	5	5	
36	5	5	5	
36	5	5	5	
22	4	4	4	
18	4	4	4	
14	3	3	3	3
32	5	5	5	
18	4	4	4	
13	3	3	3	
14	4	4	4	
10	3	3	3	
13	4	4	4	
10	3	3	3	
12	3	3	3	
6	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	
54			5	
36	5	5	5	
30	4	4	5	
24	4	4	5	
18	4	4	4	
13	4	4	4	4
16	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	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.	Vc m/min	Num. col. avanzam.
35	6	30	5
30	5	25	4
30	6	30	5
30	5	25	4
35	5	30	4
29	5	25	4
22	4	18	3
18	4	16	3
14	3	12	2
35	6	30	5
18	4	16	3
14	3	12	2
14	4	12	3
12	3	10	2
15	4	13	3
11	3	9	2
11	3	9	2
8	2	6	2
4	2	4	1
14	4	12	3
10	3	8	2
12	3	12	2
30	6	28	5
24	6	22	5
24	6	22	5
20	6	18	5
8	3	6	2
8	1	6	1
10	2	8	2
8	2	6	2
60	7	55	6
50	6	44	5
38	5	35	4
55	5	50	4
36	5	33	4
24	4	22	4
20	4	18	4
14	4	12	4
25	5	25	4

CONSIGLI PER L'IMPIEGO DI PUNTE ELICOIDALI CONVENZIONALI

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		<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)	≤850 ≤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 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 TiAl6Sn2,5, 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-AISi5Cu1, 3.2153 G-AISi7Cu3, 3.2573 G-AISi9	≤600		<input type="radio"/>
> 10 % Si	3.2581 G-AISi12, 3.2583 G-AISi12Cu, - G-AISi12CuNiMg	≤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

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	5
18	4	4	4	4	4	4	4
20 22	5	5	5	5	5	5	5
20 18	4	4	4	4	4	4	4
25 22	4	4	4	4	4	4	4
25 18	4	4	4	4	4	4	4
12	3	3					
22	5	5	5	5	5	5	5
10	3	3					
8	3	3					
12	3	3	3	3	3	3	3
6	2	2	2	2	2	2	2
6	2	2					
22	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5
55	6						
55	6						
45	6	6	6	6	6	6	6
36	5	5	5	5	5	5	5
55	5	5	5	5	5	5	5
22	4	4	4	4	4	4	4
45	4	4					
28	4	4	4	4	4	4	4
22	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3
12	3	3	3	3	3	3	3
18	4	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
10	2
10	2
10	3
8	2
11	3
8	2
8	2
5	1
3	1
10	3
8	2
10	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
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

V TiAISIN

CONSIGLI PER L'IMPIEGO DI MICROPUNTE

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



HARTNER

Materiali	Esempi di materiale Numeri in grassetto = nr. materiale a DIN EN 10 027	Resistenza N/mm²	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 nitruati	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	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)	≤900 ≤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) 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 TiAl6Sn2,5, 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

≤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.	V _c m/min	Num. col. avanzam.
21	106	27	106	50	105	100	62	100	64	105	62	105	62
18	105	23	105	35	104	100	62	100	64	100	62	105	58
18	106	23	106	50	105	100	62	100	64	105	62	105	59
16	105	21	105	45	104	90	61	90	63	90	61	90	59
20	105	26	105	45	104	90	62	90	64	95	62	95	58
18	105	23	105	35	104	90	62	90	64	95	62	95	58
14	104	18	104	30	103	90	61	90	63	90	61	90	58
14	104	18	104	30	103	90	61	90	63	90	61	90	58
12	103	16	103	30	103	70	60	70	62	70	60	70	58
18	106	23	106	50	103	100	61	100	63	100	61	100	57
14	104	18	104	40	103	85	61	85	63	85	61	85	58
12	103	16	103	70	103	70	60	70	62	70	60	70	58
14	104	18	104	25	103	70	60	70	62	70	60	70	57
12	103	16	103	60	103	60	60	60	62	60	60	60	57
16	104	20	104	25	103	50	60	50	62	50	60	50	58
14	103	18	103	60	103	60	60	60	62	50	60	50	58
14	103	18	103	60	103	60	60	60	62	50	60	50	58
8	102	10	102	20	102	60	57	60	57	50	57	50	57
				15	104	60	57	60	57	50	57	50	57
18	104	20	104	25	103			30	57	70	57	70	57
14	103	16	103	25	102			15	56	60	56	60	56
16	103	18	103	25	102			30	57	70	57	70	57
26	106	33	106	80	105	130	66	130	68	150	60	150	60
22	106	28	106	60	105	130	66	130	68	140	60	140	60
18	106	23	106	60	105	130	66	130	68	140	60	140	60
22	106	28	106	50	105	120	65	120	67	130	60	130	60
				15	103			10	56	25	56	25	56
				45	104			15	56	35	56	35	56
				25	104			15	56	35	56	35	56
				160	107			70	68	70	68	70	68
				150	106			70	68	70	68	70	68
26	107			100	106			135	59	135	59	135	59
18	106			60	106			135	59	135	59	135	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

CONSIGLI PER L'IMPIEGO DI TS-DRILLS

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	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"/>
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)	≤850		<input type="radio"/>
Acciai da bonifica legati	1.0601 C60, 1.1221 C60E (Ck60)	≤1000		<input type="radio"/>
Acciai da cementazione non legati	1.5131 50MnSi4, 1.7003 38Cr2, 1.7030 28Cr4	≤1000		<input type="radio"/>
Acciai da cementazione legati	1.5710 36NiCr6, 1.7035 41Cr4, 1.7225 42CrMo4	≤1400		<input type="radio"/>
Acciai nitratati	1.0301 (C10), 1.1121 C10E (Ck10)	≤850		<input type="radio"/>
Acciai super rapidi	1.7276 10CrMo11, 1.5125 11MnSi6 1.5752 15NiCr13, 1.7131 16MnCr5, 1.7264 20CrMo5	≤1000 ≤1400		<input checked="" type="radio"/>
Acciai per molle	1.8504 34CrAl6 1.8519 31CrMoV9, 1.8550 34CrAlNi7	≤1000 ≤1400		<input type="radio"/>
Acciai temprati	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 inossidabili, allo zolfo austenitici	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 inossidabili, allo zolfo martensitici	1.5026 55Si7, 1.7176 55Cr3, 1.8159 51CrV4 (51CrV4)		≤350 HB ≤48 HRC ≤66 HRC	<input checked="" type="radio"/>
Ghise	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 sferoidali, ghise temperate	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"/>
Ghisa in conchiglia	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"/>
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 TiAl6Sn2,5, 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"/>
Leghe di alu-ghisa > 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"/>
Ottone, 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"/>
Bronzi a truciolo lungo	2.0790 CuNi18Zn19Pb 2.0916 CuAl5, 2.0960 CuAl9Mn, 2.1050 CuSn10 2.0980 CuAl11Ni, 2.1247 CuBe2	≤850 ≤850 ≤1000		<input checked="" 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

≤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	25	3
		15	1	15	1	15	1	1	1	45	4	35	3
		15	1	15	1	15	1	1	1	40	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

CONSIGLI PER L'IMPIEGO DI TS-DRILLS

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:

- 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"/>
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 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 steroidali, 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 TiAl6Sn2,5, 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 > 10 % Si	3.2131 G-ALSi5Cu1, 3.2153 G-ALSi7Cu3, 3.2573 G-ALSi9 3.2581 G-ALSi12, 3.2583 G-ALSi12Cu, - G-ALSi12CuNiMg	≤600 ≤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 a truciolo lungo	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2 2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600 ≤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 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

≤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



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.	
100	6	130	7	7	95	5	145	7	7	145	7	7
85	5	110	6	6	80	4	120	6	6	120	6	6
110	7	145	8	8	95	6	170	8	8	170	8	8
85	6	110	7	7	75	5	145	8	8	145	8	8
90	6	120	7	7	80	5	130	8	8	130	8	8
85	6	110	7	7	75	5	125	7	7	125	7	7
80	6	105	7	7	75	5	120	7	7	120	7	7
80	6	105	7	7	75	5	120	7	7	120	7	7
75	5	100	6	6	55	4	105	7	7	105	7	7
100	7	130	8	8	90	6	145	8	8	145	8	8
90	6	120	7	7	75	5	120	7	7	120	7	7
65	4	85	5	5	55	4	85	5	5	85	5	5
75	5	100	6	6	70	5	105	7	7	110	7	7
70	4	90	5	5	55	4	100	5	5	105	5	5
50	5	65	6	6	40	4	70	6	6	80	6	6
40	4	55	5	5	35	4	55	5	5	65	5	5
					40	3	60	5	5	60	4	4
35	2	45	3	3			60	3	3	60	3	3
35	1	35	1	1			55	2	2	55	3	3
20	1	20	1	1			35	2	2	35	2	2
40	2	40	2	2	40	2	60	5	5			
15	1	15	1	1	35	2	55	5	5			
35	2	35	2	2	35	2	45	5	5			
160	7	210	8	8	150	6	195	9	9			
120	7	155	8	8	110	6	160	9	9			
120	6	145	7	7	110	6	140	9	9			
95	6	125	7	7	90	5	130	8	8			
25	2	35	3	3			40	3	3			
20	3	25	4	4			35	4	4	35	4	4
15	1	15	1	1			45	4	4	45	4	4
15	1	15	1	1			40	3	3	40	3	3
200	8	260	9	9	200	7	310	9	9			
200	8	260	9	9	200	7	310	9	9			
170	8	235	9	9	170	7	260	9	9			
140	7	170	8	8	140	6	220	9	9			
200	7	260	8	8			280	8	8			
80	6	105	7	7			125	7	7			
210	7	270	8	8			325	8	8			
140	6	180	7	7			220	7	7			
80	5	105	6	6			125	7	7			
65	5	85	6	6			105	6	6			
60	4	80	5	5			90	6	6			
45	4	60	5	5			80	6	6			

A TiAIN

a AITiN nano

A AITiN

C TiCN

F FIRE

T TiN

Y TiAlSiN

CONSIGLI PER L'IMPIEGO DI TS-DRILLS

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	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"/>
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 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 steroidali, 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 TiAl6Sn2,5, 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 > 10 % Si	3.2131 G-AlSi5Cu1, 3.2153 G-AlSi7Cu3, 3.2573 G-AlSi9 3.2581 G-AlSi12, 3.2583 G-AlSi12Cu, - G-AlSi12CuNiMg	≤600 ≤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 a truciolo lungo	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2 2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600 ≤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 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

CONSIGLI PER L'IMPIEGO DEL SISTEMA DI INSERTI INTERCAMBIABILI MULTIPLEX
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	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 steroidali, 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 > 10 % Si	3.2131 G-AISi5Cu1, 3.2153 G-AISi7Cu3, 3.2573 G-AISi9 3.2581 G-AISi12, 3.2583 G-AISi12Cu, - G-AISi12CuNiMg	≤600 ≤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 a truciolo lungo	2.0380 CuZn39Pb2, 2.0401 CuZn39Pb3, 2.0410 CuZn43Pb2 2.0250 CuZn20, 2.0280 CuZn33, 2.0332 CuZn37Pb0,5	≤600 ≤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 termodurenti	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

M 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

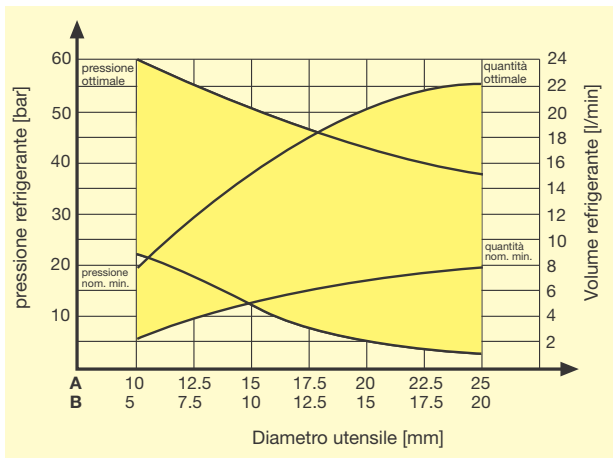
Articolo nr. 86708/86702 con fase
per materiali da ca. 600 N/mm² di resistenza a trazione

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.
40	4	48	4	48	4	60	5
35	4	42	4	42	4	55	4
50	5	60	5	60	5	100	4
40	5	50	5	50	5	95	4
40	4	45	4	45	4	80	4
35	4	40	4	40	4	80	4
30	4	35	4	35	4	75	3
25	3	28	3	28	3	70	4
22	2	25	2	25	2	60	3
35	3	40	3	40	3	85	4
25	3	28	3	28	3	70	4
22	2	25	2	25	2	55	3
22	3	25	3	25	3	60	3
15	2	18	2	18	2	50	2
26	3	28	3	28	3	40	3
22	2	25	2	25	2	35	2
12	2	18	2	18	2	40	2
10	2	13	2	13	2	35	2
						25	1
20	2	23	2	23	2	40	2
15	2	17	2	17	2		
15	2	20	2	20	2	25	2
35	4	40	4	40	4	100	5
35	4	40	4	40	4	90	4
35	4	40	4	40	4	80	4
28	4	33	4	33	4	65	3
						25	1
60	5	65	5	65	5	180	5
80	5	85	5	85	5	160	5
85	5	85	5	85	5	140	5
70	5	70	5	70	5	130	5
45	4	50	4	50	4	150	5
45	4	50	4	50	4	70	4
60	5	65	5	65	5	160	5
45	4	50	4	50	4	110	4
32	5	35	5	35	5	80	5
40	3	45	3	45	3	65	4
36	3	40	3	40	3	45	4
28	3	32	3	32	3	35	4
22	3	27	3	27	3	70	3
						70	3
						70	3
						70	3
						70	3
						85	3
						85	3
						85	3
						85	3

DIAGRAMMI DEL REFRIGERANTE PRESSIONE E VOLUMI DEL REFRIGERANTE

Tabella N. 39

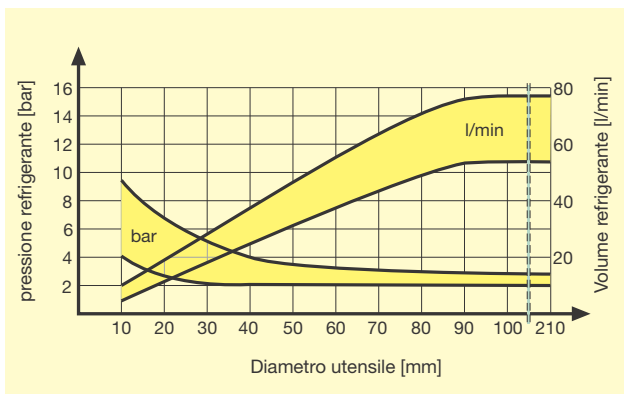
Per punte elicoidali in metallo duro con fori di refrigerazione



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.

FRESE FRONTALI - NUMERO DI GIRI E AVANZAMENTO (VALORI ORIENTATIVI)
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

FRESE A SGROSSARE - NUMERO DI GIRI E AVANZAMENTO (VALORI ORIENTATIVI)
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.

FRESE CONICHE - NUMERO DI GIRI / MIN. (VALORI ORIENTATIVI)
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

VELOCITA' DI TAGLIO, AVANZAMENTI, NUMERO DEI GIRI PER ALESATORI
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

VELOCITA' DI TAGLIO, AVANZAMENTI, NUMERO DEI GIRI PER ALESATORI
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

NOMENCLATURA DELLA FILETTATURA
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 NOCCIOLA:

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.

PREFORI PER MASCHI

Tabella N. 45/a

M	Ø	Mf	Ø	Mf	Ø	Mf	Ø	Mf	Ø	Mf	Ø	Mf	Ø	
	mm		mm		mm		mm		mm		mm		mm	
M 1	0,25	0,75	M 2,5 x 0,35	2,15	M 16 x 0,5	15,5	M 27 x 2,0	25	M 44 x 2	42	M 62 x 4,0	58	M 82 x 2,0	80
M 1,1	0,25	0,85	M 2,6 x 0,35	2,25	M 16 x 1,0	15	M 28 x 1,0	27	M 42 x 3,0	39	M 63 x 1,5	61,5	M 82 x 3,0	79
M 1,2	0,25	0,95	M 3 x 0,35	2,65	M 16 x 0,75	15,25	M 28 x 1,5	26,5	M 45 x 1	44	M 64 x 1,5	62,5	M 82 x 4,0	78
M 1,4	0,3	1,1	M 3,5 x 0,35	3,15	M 16 x 1,25	14,75	M 28 x 2,0	26	M 45 x 1,5	43,5	M 64 x 2,0	62	M 84 x 1,5	82,5
M 1,6	0,35	1,25	M 4 x 0,35	3,65	M 16 x 1,5	14,5	M 29 x 1,5	27,5	M 45 x 2,0	43	M 64 x 3,0	61	M 84 x 2,0	82
M (1,7)	0,35	1,3	M 4 x 0,5	3,5	M 18 x 0,5	17,5	M 30 x 1,0	29	M 45 x 3,0	42	M 64 x 4,0	60	M 84 x 3,0	81
M 1,8	0,35	1,45	M 4,5 x 0,5	4	M 17 x 1,0	16	M 30 x 1,5	28,5	M 46 x 1,5	44,5	M 65 x 1,5	63,5	M 84 x 4,0	80
M 2	0,4	1,6	M 5 x 0,5	4,5	M 18 x 1,0	17	M 30 x 2,0	28	M 48 x 1,5	46,5	M 65 x 2,0	63	M 85 x 1,5	83,5
M 2,2	0,45	1,75	M 5 x 0,75	4,25	M 18 x 1,25	16,75	M 30 x 2,5	27,5	M 48 x 1	47	M 65 x 3,0	62	M 85 x 2,0	83
M (2,3)	0,4	1,9	M 5,5 x 0,5	5	M 18 x 1,5	16,5	M 30 x 3,0	27	M 48 x 2,0	46	M 65 x 4,0	61	M 85 x 3,0	82
M 2,5	0,45	2,05	M 6 x 0,5	5,5	M 18 x 0,75	17,25	M 32 x 2	30	M 48 x 3,0	45	M 68 x 1,5	66,5	M 85 x 4,0	81
M (2,6)	0,45	2,1	M 6 x 0,75	5,2	M 18 x 2,0	16	M 32 x 1,5	30,5	M 50 x 1,5	48,5	M 68 x 2,0	66	M 86 x 1,5	84,5
M 3	0,5	2,5	M 7 x 0,5	6,5	M 19 x 1,0	18	M 32 x 3,0	29	M 50 x 2,0	48	M 68 x 3,0	65	M 86 x 2,0	84
M 3,5	0,6	2,9	M 7 x 0,75	6,2	M 19 x 1,5	17,5	M 33 x 1,5	31,5	M 50 x 3,0	47	M 68 x 4,0	64	M 86 x 3,0	83
M 4	0,7	3,3	M 8 x 0,5	7,5	M 20 x 0,5	19,5	M 32 x 1	31	M 52 x 1,5	50,5	M 70 x 1,5	68,5	M 86 x 4,0	82
M 4,5	0,75	3,7	M 8 x 0,75	7,2	M 20 x 1,0	19	M 32 x 2,0	31	M 52 x 2,0	50	M 70 x 2,0	68	M 86 x 1,5	86,5
M 5	0,8	4,2	M 8 x 1,0	7	M 20 x 0,75	19,25	M 33 x 3,0	30	M 52 x 3,0	49	M 70 x 3,0	67	M 88 x 2,0	86
M 6	1	5	M 9 x 0,5	8,5	M 20 x 1,25	18,75	M 34 x 1	33	M 54 x 1,0	53	M 70 x 4,0	66	M 88 x 3,0	85
M 7	1	6	M 9 x 0,75	8,2	M 20 x 1,5	18,5	M 34 x 1,5	32,5	M 54 x 1,5	52,5	M 72 x 1,5	70,5	M 88 x 4,0	84
M 8	1,25	6,8	M 9 x 1,0	8	M 20 x 2,0	18	M 34 x 2,0	32	M 54 x 2,0	52	M 72 x 2,0	70	M 90 x 1,5	88,5
M 9	1,25	7,8	M 10 x 0,5	9,5	M 21 x 1,0	20	M 35 x 1	34	M 54 x 3,0	51	M 72 x 3,0	69	M 90 x 2,0	88
M 10	1,5	8,5	M 10 x 0,75	9,2	M 21 x 1,5	19,5	M 35 x 1,5	33,5	M 54 x 4,0	50	M 72 x 4,0	68	M 90 x 3,0	87
M 11	1,5	9,5	M 10 x 1,0	9	M 22 x 0,5	21,5	M 35 x 2	33	M 55 x 1,5	53,5	M 74 x 1,5	72,5	M 90 x 4,0	86
M 12	1,75	10,2	M 10 x 1,25	8,8	M 22 x 1,0	21	M 36 x 1,5	34,5	M 55 x 2,0	53	M 74 x 2,0	72	M 92 x 1,5	90,5
M 14	2	12	M 11 x 1,0	10	M 22 x 0,75	21,25	M 36 x 1	35	M 55 x 3,0	52	M 74 x 3,0	71	M 92 x 2,0	90
M 16	2	14	M 11 x 1,25	9,8	M 22 x 1,25	20,75	M 36 x 2,0	34	M 55 x 4,0	51	M 74 x 4,0	70	M 92 x 3,0	89
M 18	2,5	15,5	M 12 x 0,75	11,2	M 22 x 1,5	20,5	M 37 x 1,5	35,5	M 56 x 1,0	55	M 75 x 1,5	73,5	M 92 x 4,0	88
M 20	2,5	17,5	M 12 x 1,0	11	M 22 x 2,0	20	M 37 x 3,0	33	M 56 x 1,5	54,5	M 75 x 2,0	73	M 95 x 1,5	93,5
M 22	2,5	19,5	M 12 x 0,5	11,5	M 23 x 1,0	22	M 38 x 1	37	M 56 x 2,0	54	M 75 x 3,0	72	M 95 x 2,0	93
M 24	3	21	M 12 x 1,25	10,8	M 23 x 1,5	21,5	M 38 x 1,5	36,5	M 56 x 3,0	53	M 75 x 4,0	71	M 95 x 3,0	92
M 27	3	24	M 13 x 0,5	12,5	M 24 x 1,0	23	M 38 x 2,0	36	M 56 x 4,0	52	M 76 x 1,5	74,5	M 95 x 4,0	91
M 30	3,5	26,5	M 12 x 1,5	10,5	M 24 x 0,5	23,5	M 39 x 1,5	37,5	M 58 x 1,0	57	M 76 x 2,0	74	M 96 x 1,5	94,5
M 33	3,5	29,5	M 13 x 0,75	12,25	M 24 x 1,25	22,75	M 38 x 3	35	M 58 x 1,5	56,5	M 76 x 3,0	73	M 96 x 2,0	94
M 36	4	32	M 13 x 1,0	12	M 24 x 0,75	23,25	M 39 x 2,0	37	M 58 x 2,0	56	M 76 x 4,0	72	M 96 x 3,0	93
M 39	4	35	M 13 x 1,5	11,5	M 24 x 1,5	22,5	M 39 x 3,0	36	M 58 x 3,0	55	M 78 x 1,5	76,5	M 96 x 4,0	92
M 42	4,5	37,5	M 14 x 0,75	13,25	M 24 x 2,0	22	M 40 x 1	39	M 58 x 4,0	54	M 78 x 2,0	76	M 98 x 1,5	96,5
M 45	4,5	40,5	M 14 x 1,0	13	M 25 x 1,0	24	M 40 x 1,5	38,5	M 60 x 1,5	58,5	M 78 x 3,0	75	M 98 x 2,0	96
M 48	5	43	M 14 x 1,25	12,8	M 25 x 1,5	23,5	M 40 x 2,0	38	M 60 x 2,0	58	M 78 x 4,0	74	M 98 x 3,0	95
M 52	5	47	M 14 x 0,5	13,5	M 26 x 1,0	25	M 40 x 3,0	37	M 60 x 3,0	57	M 80 x 1,5	78,5	M 98 x 4,0	94
M 3	0,6	2,4	M 14 x 1,5	12,5	M 26 x 1,5	24,5	M 42 x 1	41	M 60 x 4,0	56	M 80 x 2,0	78	M 100 x 1,5	98,5
M 3,5	0,75	2,75	M 15 x 0,75	14,25	M 26 x 2,0	24	M 42 x 1,5	40,5	M 62 x 1,5	60,5	M 80 x 3,0	77	M 100 x 2,0	98
M 4	0,75	3,25	M 15 x 1,0	14	M 27 x 1,0	26	M 44 x 1,5	42,5	M 62 x 2,0	60	M 80 x 4,0	76	M 100 x 3,0	97
M 5	0,9	4,1	M 15 x 1,5	13,5	M 27 x 1,5	25,5	M 42 x 2,0	40	M 62 x 3,0	59	M 82 x 1,5	80,5	M 100 x 4,0	96

Tabella N. 45/b

Mf	Ø	BSF	Ø	UNC	Ø	UNF	Ø	8-UN	Ø	UNE F	Ø	PG	Ø
	mm		mm		mm		mm		mm		mm		mm
M 105 x 1,5	103,5	BSF 1/4	5,2	No. 1-64	1,5	No. 0-80	1,3	UN 1.1/16-8	23,9	No. 12-32	4,75	PG 7	11,4
M 105 x 2,0	103	BSF 5/16	6,6	No. 2-56	2,1	No. 1-72	1,6	UN 1.1/8-8	25,5	1/4-32	5,6	PG 9	14
M 105 x 3,0	102	BSF 3/8	8,1	No. 3-48	1,8	No. 2-64	1,9	UN 1.3/16-8	27,1	5/16-32	7,2	PG 11	17,25
M 105 x 4,0	101	BSF 7/16	9,5	No. 4-40	2,3	No. 3-56	2,1	UN 1.1/4-8	28,75	3/8-32	8,8	PG 13,5	19
M 110 x 1,5	108,5	BSF 1/2	11	No. 5-40	2,6	No. 4-48	2,4	UN 1.5/16-8	30,3	7/16-28	10,25	PG 16	21,25
M 110 x 2,0	108	BSF 5/8	14	No. 6-32	2,85	No. 5-44	2,7	UN 1.3/8-8	31,75	1/2-28	11,8	PG 21	26,75
M 110 x 3,0	107	BSF 3/4	16,5	No. 8-32	3,5	No. 6-40	3	UN 1.1/2-8	35	9/16-24	13,3	PG 29	35,5
M 110 x 4,0	106	BSF 7/8	19,5	No. 10-24	3,9	No. 10-32	4,1	UN 1.5/8-8	38	5/8-24	14,9	PG 36	45,5
		BSF 1"	22,5	No. 12-24	4,5	No. 12-28	4,7	UN 1.3/4-8	41,5	11/16-24	16,5	PG 42	52,5
				1/4-20	5,2	1/4-28	5,5	UN 1.7/8-8	44,5	3/4-20	17,75	PG 48	58
				5/16-18	6,6	5/16-24	6,9	UN 2"-8	47,75	13/16-20	19,5		
				3/8-16	8	3/8-24	8,5	UN 2.1/8-8	50,9	7/8-20	21		
				7/16-14	9,4	7/16-20	9,9	UN 2.1/4-8	54	15/16-20	22,5		
				1/2-13	10,8	1/2-20	11,5	UN 2.1/2-8	60,4	1"-20	24,25		
				9/16-12	12,2	9/16-18	12,9	UN 2.3/4-8	66,7	1.1/16-18	25,7		
				5/8-11	13,5	5/8-18	14,5	UN 3"-8	73,1	1.1/8-18	27,25	1/16-27 (-)	6,3
				3/4-10	16,5	3/4-16	17,5	UN 3.1/4-8	79,4	1.3/16-18	28,75	1/8-27 (10,29)	8,5
				7/8- 9	19,5	7/8-14	20,25	UN 3.1/2-8	85,8	1.1/4-18	30,5	1/4-18 (13,75)	11,2
				1"- 8	22,25	1"-12	23,25	UN 3.3/4-8	92,1	1.1/4-18	32	3/8-18 (17,15)	14,5
				1.1/8- 7	25	1.1/8-12	26,5	UN 4"-8	98,5	1.5/16-18	32	1/2-14 (21,34)	18
				1.1/4- 7	28,25	1.1/4-12	29,5			1.3/8-18	33,5	3/4-14 (26,27)	23
				1.3/8- 6	30,75	1.3/8-12	32,5			1.7/16-18	35,2	1"-11,5 (33,40)	29
				1.1/2- 6	34	1.1/2-12	36			1.1/2-18	36,8	1.1/4-11,5 (42,16)	38
				1.3/4- 5	39,5					1.9/16-18	38,4	1.1/2-11,5 (48,27)	44
				2"- 4,5	45					1.5/8-18	40	2"-11,5 (60,32)	56
				2.1/4- 4,5	51,5					1.1/16-18	41,5	2.1/2- 8 (73,02)	67
				2.1/2- 4	57,25					1.3/4-18	43	3- 8 (88,90)	83
				2.3/4- 4	63,5					2"-18	49,4		
				3"- 4	70								
				3.1/4- 4	76,2								
				3.1/2- 4	82,6								
		BA	Ø							UNS	Ø	W	Ø
			mm							mm	mm	DIN 477	mm
		BA 0	5,1							UNS 1/4-24	5,4	W 19,8	15,1
		BA 1	4,5							UNS 1/4-36	5,7	W 28,8	23,5
		BA 2	4							UNS 1/4-40	5,75	W 31,3	26,0
		BA 3	3,4							UNS 3/8-27	8,35		
		BA 4	3							UNS 7/16-24	10,1		
		BA 5	2,65							UNS 1/2-24	11,75		
		BA 6	2,3							UNS 5/8-27	14,7		
										UNS 3/4-24	18		
										UNS 7/8-18	21		
										UNS 1"-14	23,75		

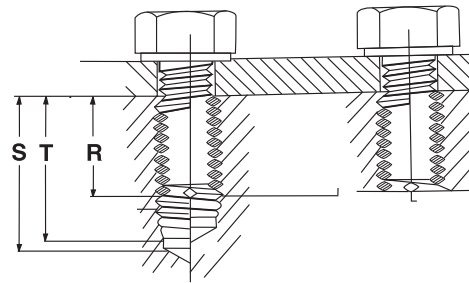
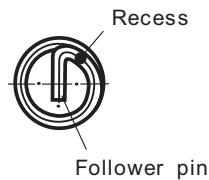
DIAMETRO DEL FORO PER MASCHIATURA V-COIL
Tabella N. 45/e

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

DATI TECNICI FILETTI RIPORTATI 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
1/2 - 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

SEGHE CIRCOLARI PER METALLI IN ACCIAIO SUPER RAPIDO HSS
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.

SEGHE A NASTRO BIMETALLICHE
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	
	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
	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
Acciaio per molle	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
	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
	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 caldo	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	

SEGHE A NASTRO BIMETALLICHE
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

SEGHE A NASTRO BIMETALLICHE
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			

INCONVENIENTI CHE SI POSSONO VERIFICARE NELL'USO DELLA SEGA A NASTRO
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

VELOCITA' DI TAGLIO E AVANZAMENTO PER LA TORNITURA CON UTENSILI IN ACCIAIO SUPER RAPIDO E CON METALLO DURO - TIPO DI LUBRIFICAZIONE.
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.



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Bits with 16 mm diameter female coupling	206	Clamping devices	671, 676
Bits with 22 mm diameter female coupling	207	Clamping devices in stainless steel	680
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Blades for electric saws	484	Click hose clamps	850
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Cable connectors	767	Combined cutting wheels for steel, inox, stone and tile	1065
Cable dismantle knives	133-134	Combined devices for bending	155
Cable drums	976	Combined pliers for eyelets	94
Cable lugs and earth clamps	766	Combined saws	1024
Cable stripper for industrial use	27	Combined screwdrivers	536
Cable strippers	26	Combined silap flat files	1071
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