



CATALOGUE

09/10



/	Weight (total)
O	Weight (total)
O [	Weight (total)
O Z	Weight hammer head
y	Length (total)
N	Length (total)
v"	Length (total)
C	Length (total)
M	Length of blade
D	Length of blade
I	Length of shaft / handle
B	Length of point / blade
,	Diameter (also dia. of head, of shaft, of points)
[	Diameter
\$	Diameter
E F	Diameter of hole (external)
C D	Diameter of hole (internal)
&	Width across flats (Nominal Width)
!	Width across flats (Nominal Width)
"	Width across flats (Nominal Width)
\$	Width across flats (Nominal Width)
%	Width across flats (Nominal Width)
#	Width across flats (Nominal Width)
'	Width across flats (Nominal Width)

(	Width across flats (Nominal Width)
)	Width across flats (Nominal Width)
p	Thread size, connection thread
+	Screw dimension (type of thread)
!	Ratchet used
"	Ratchet used
#	Ratchet used
\$	Ratchet used
	Ratchet used
mb	Square drive (external)
nc	
od	
pe	
rf	
MR	Square drive (internal)
NS	
OT	
PU	
RV	
k b	Hexagon drive (external)
ei	
hj	
- B	Hexagon drive (internal)
EY	
HZ	

? ; 5	Drive sections
7 8	
?	Slotted
:	Cruciforme PH
<	Cruciforme PZ
@	Internal square
5	External hexagon
6	External hexagon with tamper proof hole
1	Internal single hexagon
2	Bi-hexagon
3	Unit Drive
n	Unit Drive
7	Internal-TORX*
8	Internal tamper proof TORX*
9	External-TORX*
.	Internal serrations XZN
:	Multi-spline RIBE*
y	Hexagon
o	Bi-hexagon
A	Cutting edge thickness
W	Jaw width / tape width
V	Head width
X	Throat depth
W	Depth of opening / Clamping width / Clamping range

R	Type of jaw straight
T	Type of jaw half-round
S	Type of jaw round
P	Cutting edge with bevel
Q	Cutting edge without bevel
M	Straight jaws
N	Angled jaws
A	Internal retaining rings
B	External retaining rings
	ESD, electrostatic discharge
>	Electronic
A °	Pivoting angle
{	Angle
\	File profile flat
]]	File profile three-edged
^	File profile round
-	File profile half-round
`	File profile square
B	Puller
y	Clamping spread
Y	Clamping reach
A	Size of spindle
d	Hydraulic spindle

K	Blade / Cutting edge width
L	Blade thickness
g	Gear ratio
<	Output torque (max. N-m)
:	Input torque (max. N-m)
9	Scale divisions
S	Single square drive
t	Double square drive
} ~	Drive connector
:	
j k Y	Spigot-end drive
!	in cardboard or plastic packaging
"	in sheet metal box
#	Set in sheet metal or plastic box
r	Head width
J	Distance, hole to edge
d	GS Seal of tested quality
I	Magnetic
r = mm	Radius
I	Packaging unit
S	Conformity with EU guidelines
i	VDE Test Symbol
	For working in voltage areas up to 1000 V
~	VDE Test Symbol (protective equipment)

G	new
7	Weld-on end fitting
8	End fitting with hexagon wrench
1	Open end fitting
3	Flared end fitting
4	Ring end fitting
5	End fitting with square head
6	Bit holder end fitting
2	Ratchet end fitting
\$	Anti-wind-up-ratchet
&	Factory certificate
7	Visual display digital
(	RS 232 interface
9	Bi-directional tightening
B	Audible reaction (click)
`	Mechanical torque multiplier
o	Integrated electronic hardware
t	Drawer
S	Door
U	Shelf
P.O.A.	Price on application
SB	Display Card Supplied





Products that are trusted worldwide

We have been making quality tools since 90 years - tools we understand, that are chosen by professional users, and which we back with our good name. This means that our customers can always rely on optimal material properties, perfect ergonomics, maximum safety and long life in GEDORE tools.

People at GEDORE

GEDORE emphasizes quality, expertise, effectiveness and reliability. To maintain this, we invest continuously in production technology and development in our region. But even with leading-edge production technology, nothing at GEDORE takes priority over the care, precision, craftsmanship and experience of well-qualified employees. The quality concept, "Made in Germany", stands above all for the skill, loyalty and commitment of our employees.



Premium quality from a premium company

The modern-day GEDORE Group embraces a large number of specialist tool companies, manufacturing world-renowned branded products. This allows us to supply professional users with a wide product range from a single source. The combined range supplied by the highly specialised manufacturers in our Group amounts to 18000 quality products. Each member of the Group stands for reliable development and production of custom and special tools.



You are the focus of our attention

In addition to the Central Office and Field Service, which act as central contacts for all brands, we also provide a Technical Field Service to assist you with specific issues. Our "Servicemobile" is the ideal way of clarifying user problems locally, together with the specialist retailer. Extensive information about the entire GEDORE Group is available to download on the website. The GEDORE newsletter regularly reports about products and current events from the entire Group.





Research and development for your safety

With its Research and Development department, the Group is able to react flexibly to changing market requirements. Continuous development of existing products and the development of new, patentable products are driven by targeted product marketing. Jointly with our customers, we develop special tools and design solutions for a range of individual requirements, to ensure safety in the craft trades, in bridge engineering, on oil rigs, in shipping, in the automotive sector and in heavy industry.

Environmental protection for future generations

Maintaining a healthy environment by keeping air, ground and water clean, takes top priority for the GEDORE Group, because we see this as a social obligation. Germany can be secured as a production location in the long term only if we secure the natural resources for future generations. Recirculation systems and recycling water and chemicals in electroplating, together with low-emission powder coating in the paint shop and low-emission forging are just a few points of our comprehensive environment management policy.





- † Comprehensive imperial range for a wide range of applications
- † Whitworth and AF (across flats)
- † Spanners and sockets
- † Applications include aviation, American motorcycles and trucks



AUTOMOTIVE ASSORTMENTS

ON REQUEST:

- † Mobile tool cabinet and tool chest with 365-piece MOTORCYCLE tool set
- † Mobile tool cabinet with 258-piece CAR tool set
- † Ideal for service, maintenance and repair work
- † Developed from practical workshop use
- † Not confined to specific vehicle makes
- † Metric and/or imperial tools
- † With Check-Tool system

CHECK-TOOL-SYSTEM

- † 2-colour plastic insert provides easy optical check of completeness
- † Ideally suited for use in sensitive areas, where it is essential to ensure that no tools are left behind
- † Underlay blue, overlay black.
A visible blue pocket indicates a missing tool
- † Each tool is securely held in its own pocket, prevented from slipping and protected from damage
- † Grip recesses facilitate removal of the tools
- † Clearly visible tool contours simplify replacement into the correct pocket
- † Resistant to oil and grease



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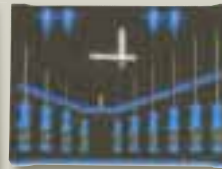
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2004 RotorTec

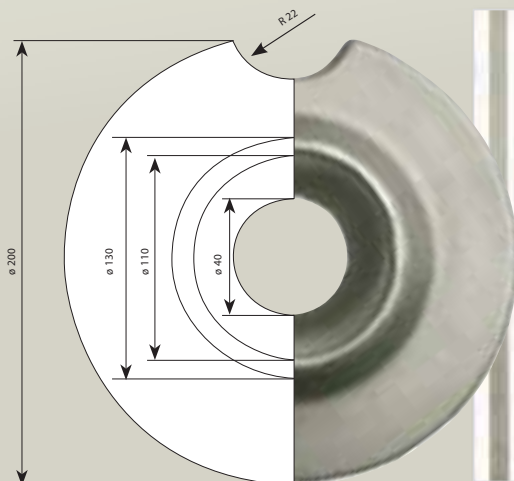


Contact:
aerospace@gedore.de

S 1085 A



SPECIAL MANUFACTURE



SPECIAL MANUFACTURE



- ┌ As a group that manufactures hand tools and industrial equipment, we aim to solve your tool problems!
- ┌ Our Technical Field Service will work with you to find solutions.
- ┌ Customised products are in good hands with us.
- ┌ In-house design, tooling construction and manufacture ensure smooth order handling
- Everything from a single source!



















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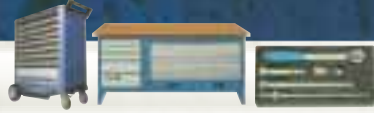


Do you know about our individual catalogues... ?

-  **@work, Industrial Catalogue**
-  **Forestry Tools**
-  **Special Automotive Tools**
-  **Workshop Equipment**



-  **Tool Trolleys, Workbenches, Tool Cabinets, Tool Boxes**
-  **Spanners**
-  **Sockets and Accessories**
-  **Screwdrivers**
-  **Pliers**
-  **Pullers**
-  **COROSTOP Tools**
-  **VDE Insulated Safety Tools**
-  **Automotive Tools**
-  **Special Tools, Measuring Tools, Tools for bicycles**
-  **Screw Clamps**
-  **Workshop Lamps**
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-  **Technical Information**
-  **Article Index - Credits**



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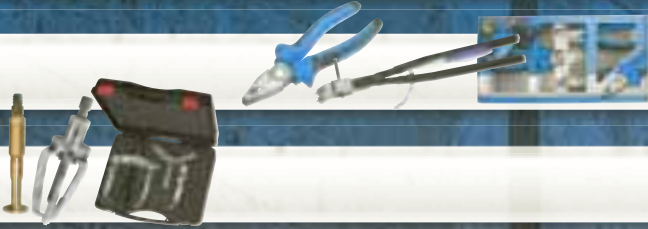
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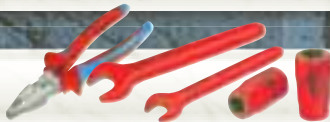
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MOBILE STORAGE TOOL CONTROL



OVERVIEW

- T Tool Trolleys
- T Mobile Workbenches
- T Tool Assortments
- T Tool Cabinets
- T Tool Panels
- T Workbenches / Tool Cases





THE GEDORE CHARACTER

Impact protection

- T The vertical or horizontal impact protection protects the tool trolley and anything it comes into contact with from damage
- T It also protects other equipment in the workshop or vehicles from inadvertent contact



Ball-bearing drawer slides

- T The ball-bearing drawer slides ensure safe and easy sliding of the drawers, even when loaded to full capacity
- T Full extension improves access



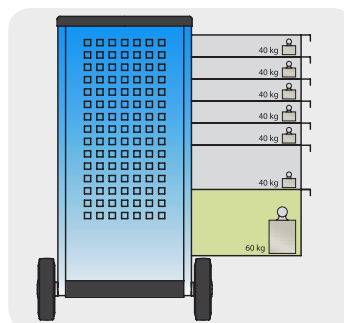
Individual drawer locking (not applicable to 2003)

- T In addition to the central locking, each drawer has its own separate latch to prevent unwanted opening, when being moved
- T The latch is automatically released by a tilting bar when the drawer is opened
- T The single latch automatically engages when the drawer closes



Load capacity

- T The load capacity of the drawers is 40 kg
- T The combined weight of our two mechanics' tool sets, S 1004 M and S 1007 M, is 40 kg
- T One drawer could hold the full weight of all 250 tools!
- T Models 2003, 2004, 2005, 1502, 1504, 1504 XL: The bottom drawer is designed as heavy-duty drawer, load capacity 60 kg



Square perforation 9 x 33 mm

- T The square perforation in the side walls enable quick access to frequently used tools
- T GEDORE holders and trays are simply clipped in



Features

Removable drawers

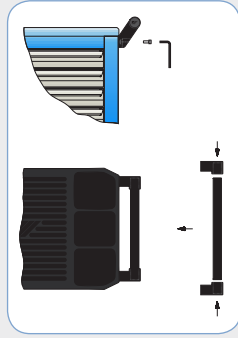


- T Simultaneously push the locking lever on the left side of the drawer up and the lever on the right side of the drawer down.
- T The drawer can now be pulled out by means of the central telescopic rail.
- T When fitting the drawer, insert carefully into the telescopic rail. After overcoming some slight resistance, an audible click indicates successful engagement.



MANOEUVRING HANDLE

T Solid manoeuvring handle, made from powder-coated tube

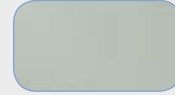


POWDER COATING

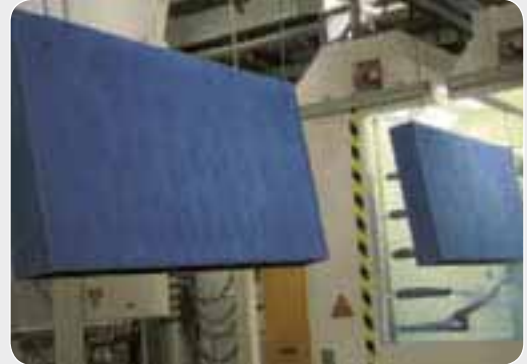
- T GEDORIT blue and GEDORIT silver are the short names for the two types of powder paint, specially developed for GEDORE
- T This coating method guarantees a high level of corrosion protection, combined with tough scratch resistance
- T Powder coating is kind on the environment. Unused powder is reclaimed in the plant. No solvent is used



GEDORIT blue

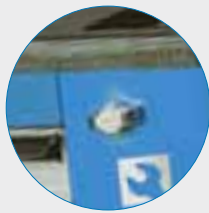
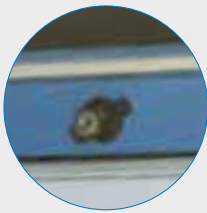


GEDORIT silver



CENTRAL LOCKING

- T One central lock for all drawers and doors
- T Safe and easy handling



SMOOTH RUNNING AND HIGH-PERFORMANCE WHEELS

- T The typical GEDORE smooth, high-performance wheels are now fitted on all GEDORE tool trolleys and workbenches to ensure improved convenience and smooth running.
- T The new small, smooth and high-performance wheels have all the positive qualities of their big brothers.



The GEDORE smooth running and high-performance wheels keep, even under maximum load, the following features: Smooth running, track-keeping and manoeuvrability!

in unloaded state

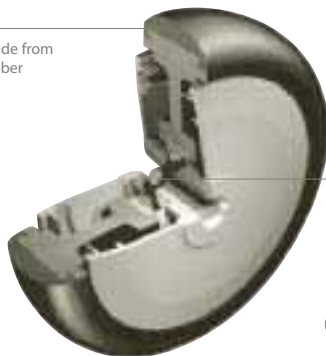


with maximum loading



Smooth running wheel

- 1 Tyres made from solid rubber



2

The precision ball bearing consists of balls which run between an inner and outer hardened ring. Well-proven under extreme loads and at high speeds.

High-performance wheel

- 1 Tyres made from solid rubber, high load capacity, resistant to abrasion.



2

The rim is made from high-quality casting.

3

The roller bearing consists of rollers made of steel or stainless steel within a cage, which rotate between the axle tube and the wheel hub.



in unloaded state



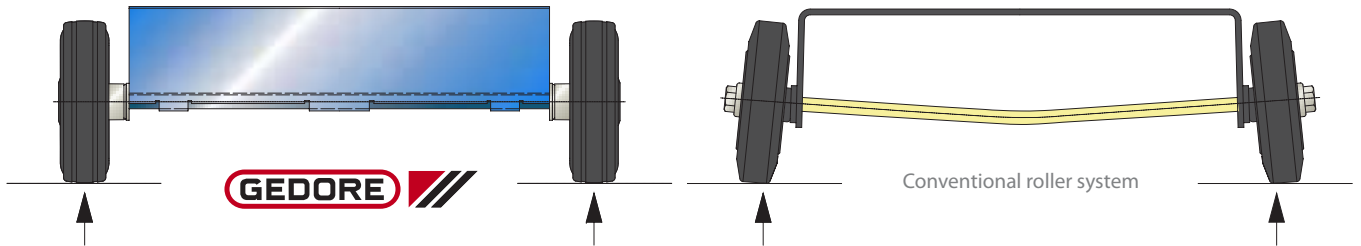
with maximum loading

On conventional industrial wheels, there is a visible and perceptible change in handling under maximum loading. The high rolling resistance makes it almost impossible to move the mobile equipment when fully loaded. There is an increased risk of the tyre parting from the wheel, which could lead to an accident!

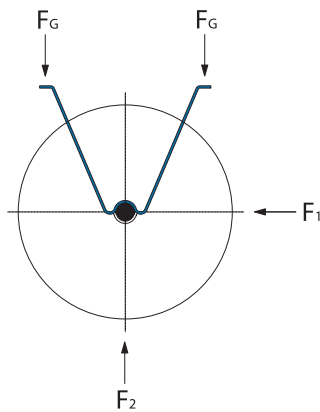


THE GEDORE CHASSIS (Not applicable to no. 1505)

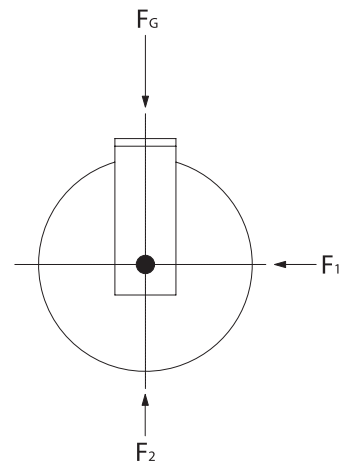
The trapezoidal GEDORE chassis uniformly distributes the applied forces.
 The axle is mounted on triple bearings and is securely connected to the trapezoid.
 The third, central bearing prevents the axle bending under load.
 The special axle design ensures that the GEDORE high-performance rollers **always** roll on the full faces of their treads.
 Even under full load, the rollers retain their smooth running properties and cannot shed their tyres.
 Vertical and horizontal forces are absorbed by the positive-fit trapezoidal design.



The forces acting on the roller base are uniformly distributed and do not result in any damage to the mobile tool chest or workbench.
 The absence of protruding bolts and nuts reduces the risk of injury to a minimum.



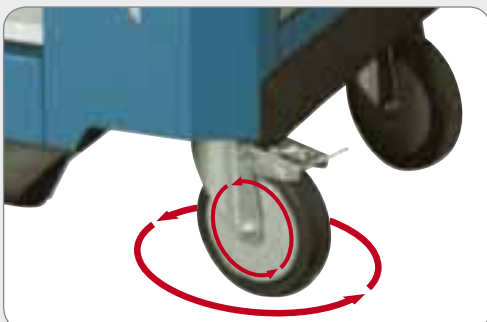
Uniform distribution of forces



Concentrated force distribution on screw-connected roller systems

TOTAL BRAKING SYSTEM

- T Prevents unwanted movement and turning of the wheel
- T Ensures safe parking of the tool trolley or workbench



HEEL PROTECTION

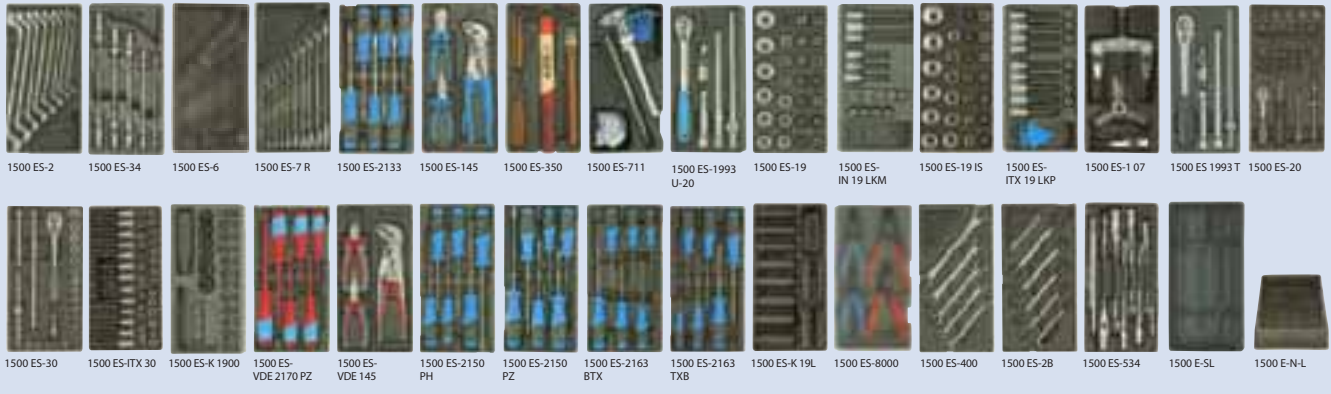
- T All-round heel protection by rounded edges on the underside allows the tool trolley or workbench to be safely pulled or pushed
- T The sensitive Achilles heel is protected from serious injury





MODULE SYSTEM With the user friendly tool modules from GEDORE · up from page 57

1/3 Modules



2/3 Modules



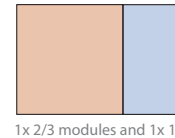
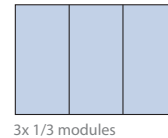
Dist. modules



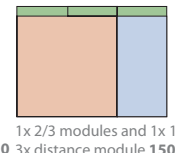
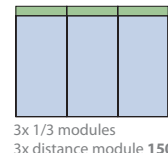
POSSIBLE COMBINATIONS OF THE MODULES

Tool trolley and workbench models

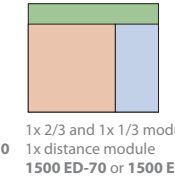
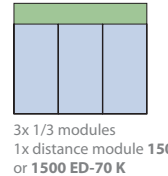
1578, 1580, 1585, 2000, 2525, 2535, 3010 as well as the small drawers of 2500



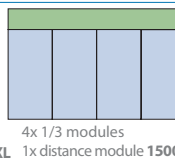
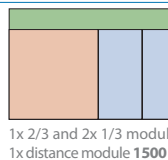
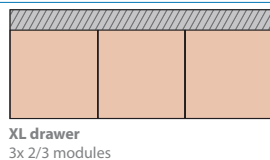
3000 TANTO



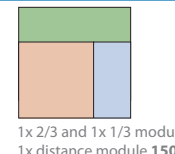
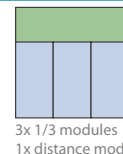
2003, 2004, 1502, 1504 as well as the big drawer of 2500



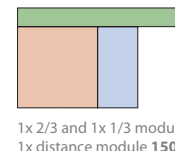
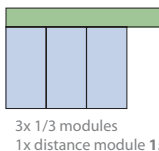
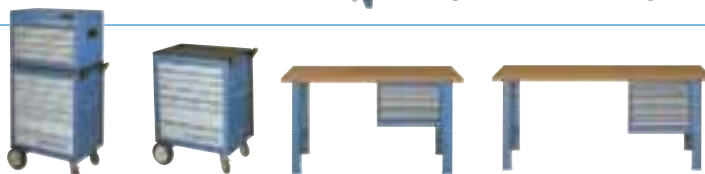
2005, 1504 XL



B 1500, 1505



2545, 2550, B 1510, B 1511



*When ordering model 2003, 2004, 1502 or 1504, 2 pieces of 1500 ED-70K are supplied f.o.c.

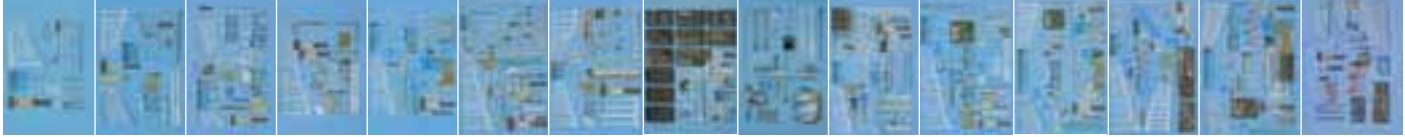


MATCHING YOUR CHOSEN TOOLKIT TO THE RIGHT... ... TOOL TROLLEY, WORKBENCH OR CUPBOARD

The table allows you to make the right choice of safe and secure storage for any particular tool set.

The range of hooks (1500 HS) recommended for fitting in the panels with square holes can also be found in the relevant column.





S 1150 M - 41 pieces
 S 1151 M/A - 68 pieces
 S 1020 M - 69 pieces
 S 1002 M - 79 pieces
 S 1004 M - 80 pieces
 S 1006 M - 115 pieces
 S 1005 A - 81 pieces
 S 1400 GM/GA - 100 pieces / 92 pieces
 S 1400 GM+ZM - 134 pieces / S1400 GA+ZA - 126 pieces
 S 1011 M - 134 pieces
 S 1009 M - 134 pieces
 S 1008 M - 138 pieces
 S 1013 M - 158 pieces
 S 1007 M - 175 pieces
 S 1023 M - 118 pieces

✓	✓	only 1265 and 1335	only 1335	✓			only 1335											
	✓	✓	✓	✓			✓	✓										
	✓	✓	✓	✓			✓	✓										✓
	✓	✓	✓	✓			✓	✓										✓
	✓		✓	✓			✓	✓	✓									✓
	✓	HS1	HS2	HS3	HS4		HS1	HS5	HS5	HS6	HS7	HS8	HS8	HS8	HS8	HS8	HS6	
	✓	HS1	HS2	HS10				✓	✓		✓	✓						
	✓	HS14 1x1450	✓	HS15 2x1450	HS16 2x1450			✓	✓									
	✓	HS14					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
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TOOL TROLLEYS 2003 - 2004 - 2005

- T Working platform in ABS with 3 compartments for small parts
- T With handle for easy pushing, pulling and turning
- T Drawers individually partitionable, delivery includes length- and crosswise dividers
- T Drawers fully extendable, removable
- T Ball bearings
- T Bottom drawer designed as heavy-duty drawer
- T GEDORE heavy-duty chassis with high-performance wheels on roller bearings, with 2 fixed castors Ø 200 mm and 2 swivel castors Ø 125 mm, one with total brake
- T Heel protection and all-round impact protection
- T In GEDORIT blue, drawers GEDORIT silver, top black
- T Delivery without tools
- T Optional accessories: Tool chest 2430, Rear panel R 2003 or RB 2004, Wood plate 1500 HP



Tool Trolley 2004



Plastic handle + powder-coated aluminium tube



High-performance wheels



Impact protection

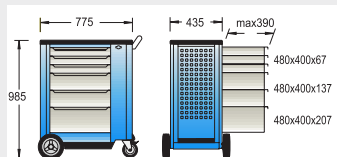


Drawers with ball bearings

TOOL TROLLEY 2004

A sturdy workshop trolley with smooth running drawers that open and shut one handed

FEATURES



- 6 Drawers with ball bearings, 100% extendable and all individual partitionable. Delivery includes length- and crosswise dividers
- 7 Drawer combinations and maximum volumes may be selected individually to suit every workshop. 3 drawer sizes (30% - 207 mm, 20% - 137 mm and 10% - 67 mm = standard drawer height). Safety lock guarantees that the drawer will not slide open while the trolley is moving.

Load capacity per drawer 40 kg

9 Sturdy working platform in ABS with three compartments for small parts and raised edge, offers additional store-room. Resistant to oil and acid

1 Strong handle, easy action

10 Central locking for padlock



2

With lockable side storage space with drawers for small parts

3 All-round heel and impact protection for your safety

4 GEDORE high-performance wheels, with tyres that adapt to suit different loading

5 Static load capacity up to 500 kg

possible accessories

Tool trolley 2003 - 2004 - 2005



R 2003



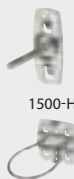
2430



RB 2004



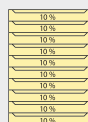
1500 HP



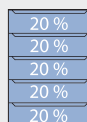
1500-H

INDIVIDUAL COMBINATIONS

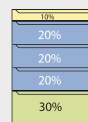
either



or



or



Whatever you wish... .. we can build it

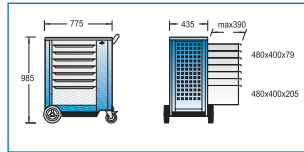
2004 Drawer variations for maximum volume



2003

TOOL TROLLEY with 7 drawers

- T Single-hand safety locking
- T Supplied 2 distance modules 1500 ED-70 K
- T Bottom drawer designed as heavy-duty drawer
- T Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- T Storage compartment on the handle side with perforated sheet 9 x 33 mm to fix accessories
- T Compartment door lockable with central locking
- T Four removable drawers for small parts
- T Central locking for padlock
- T Total load capacity 500 kg



Code	No.	H	W	D	Ø
6630930	2003	985	775	435	82.0

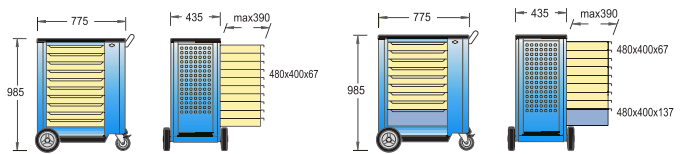
2004

TOOL TROLLEY

- T Ten different drawer combinations
- T Single-hand operation with safety locking which prevents the drawers from opening when in motion
- T Bottom drawer designed as heavy-duty drawer
- T Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg (apart from 2004 1000)
- T Storage compartment on the handle side with perforated sheet 9 x 33 mm to fix accessories
- T Compartment door lockable with central locking
- T Four removable drawers for small parts
- T Central locking for padlock
- T Total load capacity 500 kg
- T Dimensions: H 985 x W 775 x D 435 mm

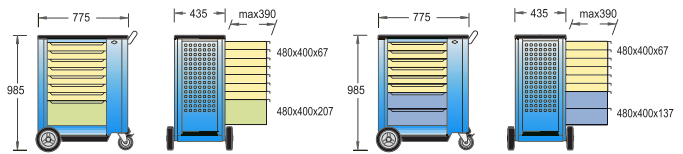


2004 0810



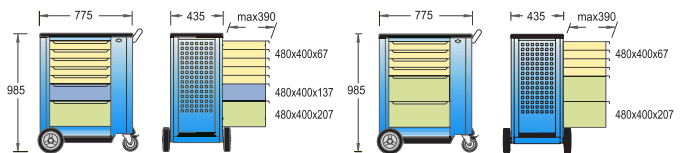
2004 1000

2004 0810



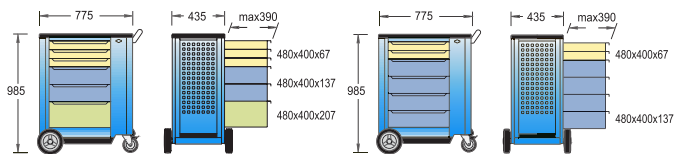
2004 0701

2004 0620



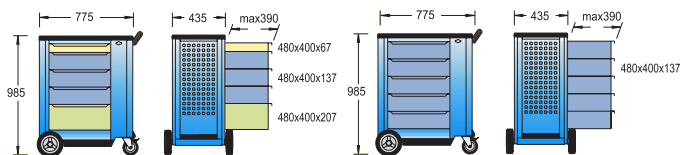
2004 0511

2004 0402



2004 0321

2004 0240



2004 0131

2004 0050

Code	No.	Ø
1640690	2004 1000 10x Typ 1, H = 67 mm	94.0
1640704	2004 0810 8x Typ 1, H = 67 mm 1x Typ 2, H = 137 mm	91.0
1640712	2004 0701 7x Typ 1, H = 67 mm 1x Typ 3, H = 207 mm	86.0
1640720	2004 0620 6x Typ 1, H = 67 mm 2x Typ 2, H = 137 mm	88.0
1640739	2004 0511 5x Typ 1, H = 67 mm 1x Typ 2, H = 137 mm 1x Typ 3, H = 207 mm	84.0
1640747	2004 0402 4x Typ 1, H = 67 mm 2x Typ 3, H = 207 mm	80.0
1640755	2004 0321 3x Typ 1, H = 67 mm 2x Typ 2, H = 137 mm 1x Typ 3, H = 207 mm	82.0
1640771	2004 0240 2x Typ 1, H = 67 mm 4x Typ 2, H = 137 mm	79.0
1640763	2004 0131 1x Typ 1, H = 67 mm 3x Typ 2, H = 137 mm 1x Typ 3, H = 207 mm	75.0
1640798	2004 0050 5x Typ 2, H = 137 mm	76.0



Tool Trolley 2005



Working platform in ABS



Drawers with ball bearings



Extra wide drawers, 100% extendable



Side wall with square perforation

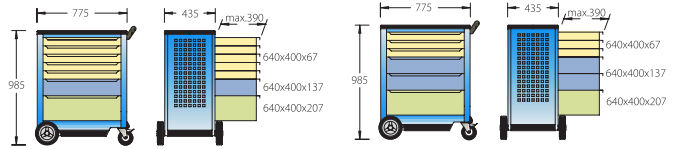
TOOL TROLLEY 2005

extra wide drawers



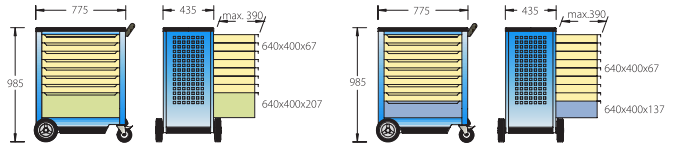
**2005****TOOL TROLLEY**

- T Wide drawers (W 640 x D 400 mm)
- T Single-hand operation with safety locking which prevents the drawers from opening when in motion
- T Please order distance module 1500 ED-70 XL for fixing the modules
- T Bottom drawer designed as heavy-duty drawer
- T Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg (apart from 2005 1000)
- T Both side walls with square perforation to fix torque wrenches or other long tools and accessories
- T Central locking with cylinder lock
- T Total load capacity 500 kg
- T Dimensions: H 985 x W 775 x D 435 mm



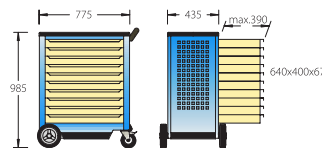
2005 0511

2005 0321



2005 0701

2005 0810



2005 1000

Code	No.	O	G
1803018	2005 0511 5x Typ 1, H = 67 mm 1x Typ 2, H = 137 mm 1x Typ 3, H = 207 mm	93.0	
2003546	2005 0321 3x Typ 1, H = 67 mm 2x Typ 2, H = 137 mm 1x Typ 3, H = 207 mm		G
2003554	2005 0701 7x Typ 1, H = 67 mm 1x Typ 3, H = 207 mm		G
2003562	2005 0810 8x Typ 1, H = 67 mm 1x Typ 2, H = 137 mm		G
2003570	2005 1000 10x Typ 1, H = 67 mm		G

2430**TOOL CHEST**

- T Designed particularly as top box for trolleys 2003, 2004, 2005
- T Working platform in ABS with 3 compartments for small parts
- T Three drawers individually partitionable, delivery includes length- and crosswise dividers
- T Each drawer suitable to take 4 pieces of 1/3 tool modules no. 1500 ES
- T Drawers fully extendable, removable
- T Single-hand operation with safety locking which prevents the drawers from opening when in motion
- T Load capacity per drawer 40 kg
- T Central locking with cylinder lock
- T Optional accessory: Wood plate no. 1500 HP



Code	No.	H	W	D	O
1888927	2430	345	775	435	23.0

1500 HP**WOOD PLATE**

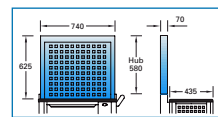
- T Multiplex beech wood, for tool trolleys 2003, 2004 and 2005 and tool chest 2430
- T To fit in the plastic top, 30 mm thick, to get an additional work surface



Code	No.	O	W	D	O
1446967	1500 HP	30	590	410	5.0

R 2003 L**REAR PANEL**

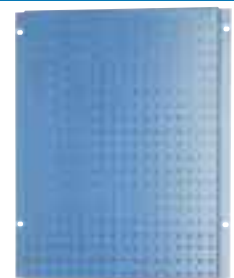
- T Can be attached to 2003, 2004 and 2005
- T The complete loaded rear wall can be simply lowered
- T Automatically raised by two gas springs
- T Neat arrangement of tools on square perforation 9 x 33 mm
- T Central locking with cylinder lock
- T Delivery without tools



Code	No.	H	W	D	O
1446169	R 2003 L	768	770	116	25.0

RB 2004 L**REAR PANEL**

- T Can be attached to 2003, 2004 and 2005
- T Square perforation 9 x 33 mm for tool hooks and holders 1500 H



Code	No.	H	W	D	O
1933302	RB 2004 L	700	665	15	5.8

T More usable space when using tool hooks and holders 1500 H see pages 61-65



TOOL TROLLEYS

- T 1578, 1580, 2000, 2500, 2525
- T Drawers can be individually partitioned, delivery includes length- and crosswise dividers
- T On some models drawers are fitted with safety catches to prevent them from opening when the trolley is moving
- T Central locking depending on model for padlock or cylinder lock
- T GEDORE chassis with high-performance wheels on roller bearings, with 2 fixed castors Ø 140 mm and 2 swivel castors Ø 100 mm, one with total brake
- T In GEDORIT blue, drawers GEDORIT silver, top black
- T Delivery without tools

KSF 1580

ADDITIONAL DRAWER

- T Will fit the drawers of GEDORE tool trolley 1580
- T With bearings, mounting pieces and mounting manual
- T Up to 4 additional drawers can be fitted



Code	No.	H	W	D	Ø
6624610	KSF 1580	24	420	325	1.6

1578

TOOL TROLLEY with 6 drawers

- T Working platform in ABS with 3 compartments for small parts
- T With handle for easy pushing, pulling and turning
- T Drawers open either side
- T Load capacity per drawer 22 kg
- T Central locking with cylinder lock
- T With heel protection
- T Total load capacity 200 kg



Code	No.	H	W	D	Ø
9018140	1578	930	605	375	43.5

2000

TOOL TROLLEY with 5 drawers

- T Working platform with ribbed bottom lining
- T With handle for easy pushing, pulling and turning
- T Drawers open either side, ball bearing catches, with middle and end catches
- T Load capacity per drawer 16 kg
- T Central locking for padlock
- T Heel protection and all-round impact protection
- T Trapezoid shape for extra stability, wheels mounted internally
- T Total load capacity 300 kg
- T Optional accessories: Top tool chests 1430, 1431, 1433 L

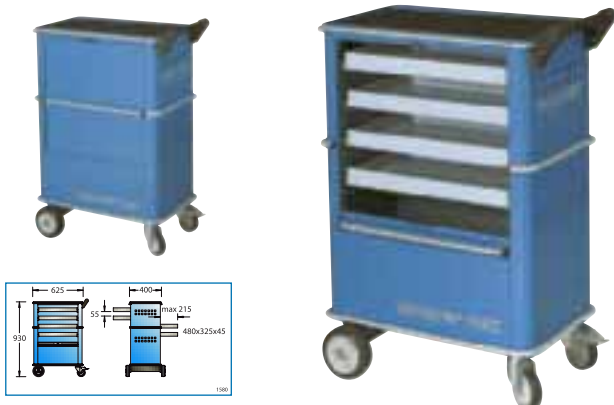


Code	No.	H	W	D ₁	D ₂	Ø
6627710	2000	930	625	400	545	47.0

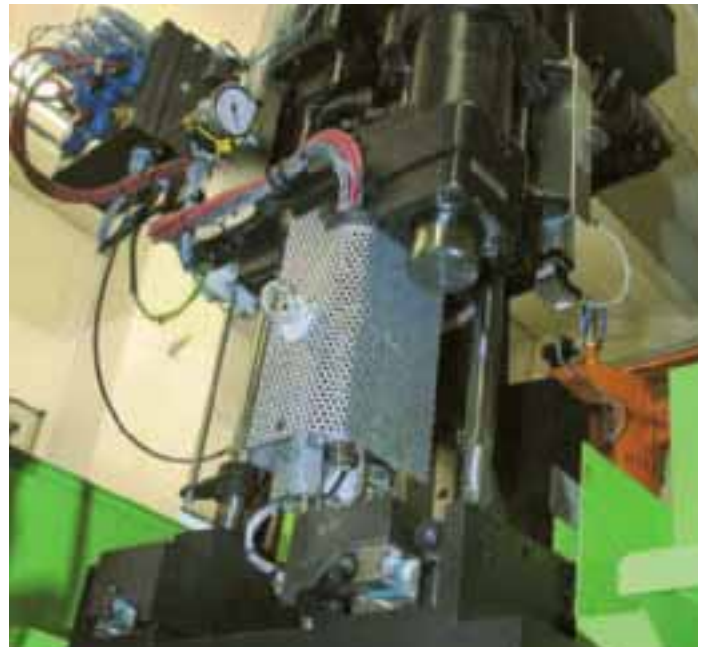
1580

TOOL TROLLEY with 4 drawers

- T Working platform with ribbed bottom lining
- T With handle for easy pushing, pulling and turning
- T Drawers open either side
- T Ball bearings, with middle and end catches
- T Load capacity per drawer 22 kg
- T Deep storage at base
- T Both sides with square perforation
- T Central locking for padlock
- T Heel protection and all-round impact protection
- T Total load capacity 300 kg
- T Delivery without tools
- T Optional accessories: Top tool chests 1430, 1431, 1433 L

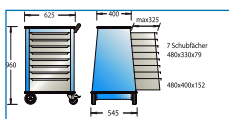


Code	No.	H	W	D	Ø
6627550	1580	930	625	400	40.0



**2500****TOOL TROLLEY with 8 drawers**

- T Working platform with ribbed bottom lining
- T With handle for easy pushing, pulling and turning
- T Drawers fully extendable, removable, ball-catch bearings, with middle and end catches
- T Single-hand safety locking
- T Load capacity per drawer 40 kg
- T Central locking with cylinder lock
- T Heel protection and all-round impact protection
- T Wide-track chassis
- T Trapezoid shape for extra stability, wheels mounted internally
- T Total load capacity 300 kg
- T Optional accessories:
Top tool chests 1430, 1431, 1433-1072 E5



Code	No.	H	W	D ₁	D ₂	Ø
6171720	2500	960	625	400	545	60.0

1500 H 7**TRAY**

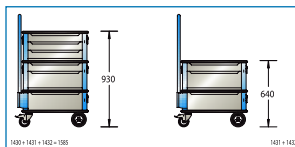
- T Will fit on 1580, 1585, 2000, 2500
- T A useful tray to increase the working surface, captive coupling to the trolley
- T Load capacity approx. 5 kg



Code	No.	H	W	D	Ø	I
5792030	1500 H 7	30	370	300	1.6	1

1585**3-CHEST TOOL TROLLEY MODULAR SYSTEM**

- T When tool chests 1430 and 1431 are stacked on it, the base 1432 becomes the mobile high-capacity trolley 1585
- T The base 1432 can of course also be combined with various tool chests, e.g. 1433-1072 E5
- T With plug-in lockable push handle, also suitable for lifting the trolley
- T A perforated metal sheet at the handle permits equipping the trolley with tools or parts for installation
- T 1432 with ribbed bottom lining, central locking for padlock
- T Drawers fully extendable, with single-hand safety locking
- T Load capacity per drawer 40 kg
- T With heel and impact protection
- T Total load capacity 300 kg
- T Delivery without tools



1432



1432+1430



1585



Code	No.	Ø
6624290	1585 3-Chest tool trolley without tools	64.0
6618130	1430 Tool chest with 3 drawers	22.0
6615030	1431 Tool chest with 2 drawers	18.0
6615620	1432 Tool chest with mobile base	24.0
5801550	1582 HG Hook assortment, 20 pieces	0.5

Detailed information on products,
promotions and trade fairs

... www.gedore.com

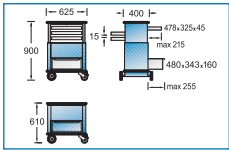




3010

TOOL TROLLEY VARIO with lowering mechanism

- T Working platform with ribbed bottom lining
- T Lowering mechanism with single-button operation
- T Drawers open either side
- T Ball bearings, with middle and end catches
- T Load capacity per drawer 22 kg
- T Central locking when lowered, secured by padlock
- T Heel protection and all-round impact protection
- T Lifts automatically with up to 25 kg load
- T Automatic lock, to produce a sturdy working surface with over 120 kg load capacity
- T When lowered, total load capacity over 220 kg
- T Delivery without tools



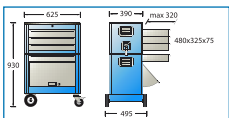
Code	No.	H	W	D	O
6625260	3010	900	625	400	42.0



2535

TOOL TROLLEY DUO with 4 drawers

- T Working platform in ABS with 3 compartments for small parts
- T Drawers fully extendable, removable
- T Single-hand operation with safety locking which prevents the drawers from opening when in motion
- T Load capacity per drawer 22 kg
- T Separate locking for top and bottom of mobile tool chest with two identical cylinder locks
- T Top and bottom of mobile tool chest joined by quick-action latches for easy separation. Top and bottom each with two carry handles
- T With heel protection, sides with vertical impact protection
- T Total load capacity 250 kg
- T Delivery without tools



Code	No.	H	W	D	O
1892495	2535	930	625	390	50.0

2525

TOOL TROLLEY with 7 drawers

- T Working platform in ABS with 3 compartments for small parts
- T With handle for easy pushing, pulling and turning
- T Drawers fully extendable, 1-5 individually partitionable
- T Single-hand operation with safety locking which prevents the drawers from opening when in motion
- T Load capacity per drawer 22 kg
- T 2 perforated side walls, mounted inwards to fit with accessories
- T Delivery includes tray for small parts and 10-piece hook assortment
- T Central locking with cylinder lock
- T With heel protection, sides with vertical impact protection
- T Total load capacity 250 kg
- T Delivery without tools
- T Optional accessory: Wood plate no. 2525 HP



Code	No.	H	W	D	O
1587102	2525	930	720	395	60.0

2545 - 2546 - 2550

TOOL TROLLEY AND TOOL CHEST

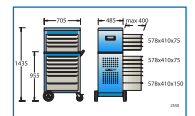
- T Single-hand operation with safety locking which prevents the drawers from opening when in motion
- T Load capacity per drawer 35 kg
- T Central locking with cylinder lock

2545

- T Working platform in ABS with 4 compartments for small parts
- T With handle for easy pushing, pulling and turning
- T 7 drawers fully extendable
- T 3 perforated side walls to fit with accessories
- T Rear side with space for storage
- T GEDORE heavy-duty chassis with high-performance wheels on roller bearings, with 2 fixed castors Ø 200 mm and 2 swivel castors Ø 125 mm, one with total brake
- T With heel protection and vertical impact protection
- T Total load capacity 330 kg

2546

- T Ribbed bottom lining
- T 4 drawers fully extendable
- T Roomy storage compartment with document partition
- T Pneumatic soft opening and closing of lid
- T Total load capacity 120 kg
- T Delivery without tools



Code	No.	H	W	D	O
1942980	2545 Tool trolley with 7 drawers	955	705	485	77.0
1942999	2546 Tool chest with 4 drawers	495	705	485	45.0
1942972	2550 Tool trolley with tool chest	1435	705	485	122.0



TOOL TROLLEY TANTO 3000

3000

TOOL TROLLEY TANTO with 7 drawers

- T Working platform in ABS with 4 compartments for small parts
- T Drawers fully extendable, removable, ball bearings
- T Drawers 1-6 individually partitionable, delivery includes 8 length- and 2 crosswise dividers and 2 anti-slip mats
- T Single-hand operation with safety locking which prevents the drawers from opening when in motion
- T Load capacity per drawer 40 kg
- T Large capacity drawer for bulky parts
- T Deep rear shelf with perforated wall 9 x 33 mm to fix accessories
- T Central locking for padlock
- T With heel protection and safety shock absorber
- T GEDORE wide-track chassis with high-performance wheels on roller bearings, with 2 fixed castors Ø 200 mm and 2 swivel castors Ø 125 mm, one with total brake
- T Total load capacity 400 kg
- T In GEDORIT blue, drawers GEDORIT silver, top black
- T Delivery without tools



Code	No.	H	W	D	Ø
6624880	3000	920	585	485	67.0

1500 H 14

DOOR ELEMENT for TANTO 3000

- T For later installation
- T Assembly materials are supplied
- T Delivery without tools



Code	No.	Ø
5809880	1500 H 14	4.0

1500 H 9

TRAY

- T 1500 H 9-75 can be fitted in connection with door element 1500 H 14



Code	No.	W	H	D	/
1446924	1500 H 9-75	456	50	75	840
5792540	1500 H 9-100	456	50	100	960



1500 H 10

TRAY

- T 1500 H 10-75 can be fitted in connection with door element 1500 H 14



Code	No.	W	H	D	/
1446932	1500 H 10-75	456	50	75	840
5792620	1500 H 10-100	456	50	100	960

1500 H 11

TRAY

- T With 4 plastic cases 1500 H-11/3, for holding larger quantities of working materials
- T Cannot be fitted in connection with door element 1500 H 14



Code	No.	W	H	D	/
5792700	1500 H 11	456	55	95	655

1500 H 8

HOLDER



Code	No.	W	Ø	/
5792460	1500 H 8	456	5	150



S 1012 M

TOOL ASSORTMENT 72 pieces

- T Designed to fit fully extendable drawers of tool trolley 3000 TANTO
- T Incl. 2 deep-drawn modules



Code	No.	Ø
6603450	S 1012 M 1. drawer: 7-017 19 WMU-10 (only contents) IN 19 6 7 8 10 12 14 PH 42-88 2. drawer: 137 10 143 10 C 225 E-32 100-12 99 12-5 97-175 98-125 119-3 4 8250-200 JC 8316-200 JC 600 H-500 2150 4 5,5 6,5 2160 PH 1 2	10.0

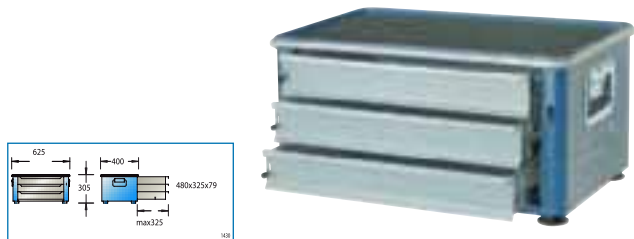
TOP TOOL CHESTS

- T Suitable for all GEDORE tool trolleys with a work surface of W 625 x D 400 mm
- T Drawers fully extendable
- T Supplied with length- and crosswise dividers
- T Delivery without tools

1430

TOOL CHEST

- T Will fit GEDORE trolleys 1580, 1585, 2000, 2500, 3010

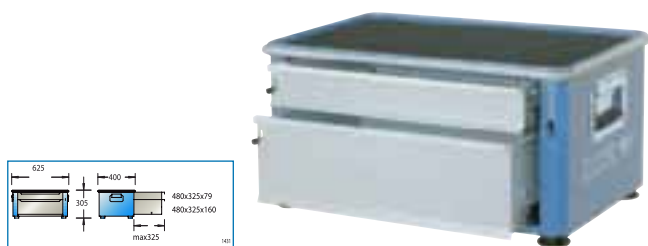


Code	No.	H	W	D	Ø
6618130	1430	305	625	400	22.0

1431

TOOL CHEST

- T Designed particularly as top box for trolleys 1580, 1585, 2000, 2500, 3010

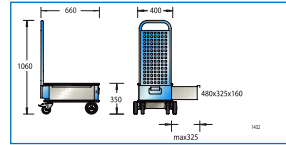


Code	No.	H	W	D	Ø
6615030	1431	305	625	400	18.0

1432

TOOL CHEST WITH MOBILE BASE with 1 drawer

- T With detachable push handle, also suitable for lifting the trolley
- T With perforated metal sheet at the handle
- T For further details see trolley 1585
- T Carrying capacity 300 kg

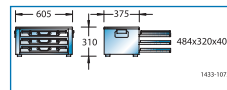


Code	No.	H	W	D	Ø
6615620	1432	1060	660	400	24.0

1433-1072 ES

TOOL CHEST for mobile use

- T Tool chest 1433 L including 3 modular tool boxes 1072 ES-1500 L
- T Open at front, central locking with turnlock fastener for a padlock
- T Particularly suitable for use in combination with chassis 1432 for mobile use



Code	No.	H	W	D	Ø
1482483	1433-1072 ES	310	605	375	20.4
6627200	1433 L	310	605	375	16.0

1072 ES

TOOL MODULE EMPTY

- T For tool modules 1500 ES
- T Fits into tool chest 1433 L, can be used as a service tool case
- T Delivery without tools



Code	No.	W	D	H	Ø
6602990	1072 ES-1500 L	480	330	70	2.8

1072 K

TOOL BOX

- T In stable sheet steel
- T With deep-drawn plastic insert with 19 compartments
- T Fits into tool chest 1433 L
- T (Ill. similar)

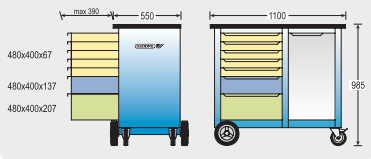


Code	No.	W	D	H	Ø
1920049	1072 K-19	480	330	70	4.1



WORKBENCHES

TECHNOLOGY



OPTIONAL ACCESSORIES

R 1504 L



7 Ball-bearing drawer slides with individually latching drawers

6 High-performance wheels GEDORE chassis

1 GEDORE workbench tops are sealed with boiled linseed oil. This non-toxic wood preservative seals the pores of the wood and is therefore moisture repellent

2 Central locking

3 Powder coating

4 Smooth running wheels with total brake

5 All-round heel protection

1504 0511

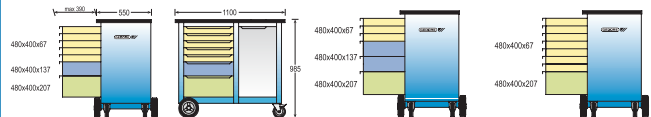
MOBILE WORKBENCHES

- T Multiplex beech wood worktop, surface additionally protected by linseed oil varnish
- T Drawers individually partitionable, delivery includes length- and crosswise dividers as well as 2 distance modules no. 1500 ED-70 K
- T Ball bearings
- T Bottom drawer designed as heavy-duty drawer
- T Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- T Central locking for padlock
- T With heel protection
- T In GEDORIT blue, drawers GEDORIT silver
- T Delivery without tools

1504

MOBILE WORKBENCH

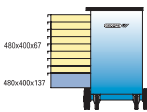
- T Five different drawer combinations
- T Drawers fully extendable
- T Single-hand operation with safety locking which prevents the drawers from opening when in motion
- T Bottom drawer designed as heavy-duty drawer
- T Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg (apart from 1504 1000)
- T Large useable storage space with lockable door
- T GEDORE heavy-duty chassis with high-performance wheels on roller bearings, with 2 fixed castors Ø 200 mm and 2 swivel castors Ø 125 mm with total brake
- T Static load capacity 700 kg, 500 kg when mobile
- T Dimensions: H 985 x W 1100 x D 550 mm
- T Model S with vice no. 411-125
- T Optional fold-down rear panel no. R 1504 L can be fitted



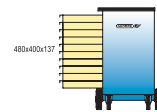
1504 0511 + 1504 0511 S

1504 0321

1504 0701



1504 0810



1504 1000



1504 0511



1504 0321



1504 0701



1504 0810

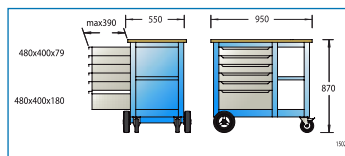


1504 1000

1502

MOBILE WORKBENCH

- T Six drawers fully extendable
- T Single-hand safety locking
- T Bottom drawer designed as heavy-duty drawer
- T Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- T Large, easily-accessible spaces for bulky parts
- T GEDORE heavy-duty chassis with high-performance wheels on roller bearings, with 2 fixed castors Ø 200 mm and 2 swivel castors Ø 125 mm with total brake
- T Static load capacity 700 kg, 500 kg when mobile
- T Dimensions: H 875 x W 950 x D 550 mm
- T Model S with vice no. 409



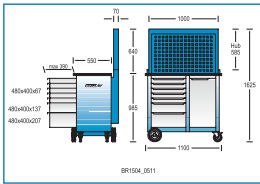
Code	No.	Ø
6620540	1502 Mobile workbench	78.0
6620620	1502 S Mobile workbench with vice	85.0

Code	No.	Ø
6622830	1504 0511 5x Typ 1, H = 67 mm, 1x Typ 2, H = 137 mm, 1x Typ 3, H = 207 mm	100.0
6623050	1504 0511 S 5x Typ 1, H = 67 mm, 1x Typ 2, H = 137 mm, 1x Typ 3, H = 207 mm	102.2
1814958	1504 0321 3x Typ 1, H = 67 mm, 2x Typ 2, H = 137 mm, 1x Typ 3, H = 207 mm	96.0
1814931	1504 0701 7x Typ 1, H = 67 mm, 1x Typ 3, H = 207 mm	99.0
1814923	1504 0810 8x Typ 1, H = 67 mm, 1x Typ 2, H = 137 mm	106.0
1814915	1504 1000 10x Typ 1, H = 67 mm	110.0



BR 1504

- MOBILE WORKBENCH with self raising rear panel**
 T As no. 1504 0511, but with installed rear panel no. R 1504
 T Automatically raised by 2 gas springs
 T The complete loaded rear wall can be simply lowered
 T Dimensions: H 985 x W 1100 x D 550 mm
 T Model LH with hook assortment no. 1504 HG
 T Model S with vice no. 411-125

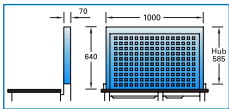


Code	No.	○
6624450	BR 1504 0511 L Workbench with rear panel	128.0
6623990	BR 1504 0511 LH Workbench with rear panel + hook assortment	130.0
6624370	BR 1504 0511 S Workbench with rear panel + vice	130.0

R 1504 L

REAR PANEL

- T For fitting as an add-on, e.g. to 1504 or 1505 workbench
 T Automatically raised by two gas springs
 T Neat arrangement of tools
 T Dimensions: W 1000 x D 70 mm
 T Execution LH with hook assortment No. 1504 HG



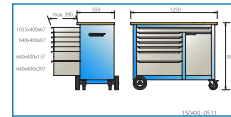
Code	No.	○
6623800	R 1504 L Rear panel empty	21.0
6624020	R 1504 LH Rear panel with hook assortment	23.0



1504 XL

MOBILE WORKBENCH EXTRA WIDTH

- T One XL drawer for long tools or 6 tool modules (1/3 modules)
 T Drawers fully extendable
 T Single-hand operation with safety locking which prevents the drawers from opening when in motion
 T Bottom drawer designed as heavy-duty drawer
 T Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
 T Large useable storage space with lockable door
 T Central locking with cylinder lock
 T GEDORE heavy-duty chassis with high-performance wheels on roller bearings, with 2 fixed castors Ø 200 mm and 2 swivel castors Ø 125 mm with total brake
 T Static load capacity 700 kg, 500 kg when mobile
 T Dimensions: H 985 x W 1250 x D 550 mm

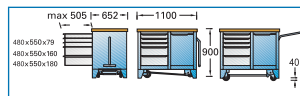


Code	No.	t	○	G
1988468	1504 XL	4x Typ 1, H = 67 mm 1x Typ 2, H = 137 mm 1x Typ 3, H = 207 mm 1x Typ XL, H = 67, B = 1055 mm	120.0	G

1505

MOBILE WORKBENCH

- T Ergonomic working height
 T Five drawers, extendable up to 505 mm, with single-hand safety locking
 T Load capacity per drawer 40 kg
 T Large, lockable cupboard with shelf
 T GEDORE Jumbo heavy-duty chassis with independent wheel suspension - sturdy and mobile
 T With hydraulic raising mechanism - just lift the pull handle
 T High floor clearance for easy, safe movement and absolutely stable standing
 T Static load capacity 1000 kg, 500 kg when mobile
 T Dimensions: H 900 x W 1100 x D 652 mm
 T Model S with vice no. 411-150
 T Prepared for mounting rear panel no. R 1504 L



Code	No.	○
6621780	1505 Mobile workbench	138.0
6621860	1505 S Mobile workbench with vice	156.5

Detailed information on products, promotions and trade fairs

... www.gedore.com



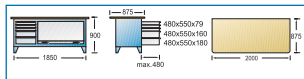


WORKBENCHES

B 1500 L

WORKBENCH with sheet metal shutter

- T 40 mm thick multiplex beech wood worktop
- T Five drawers, extendable up to 505 mm, individually partitionable, delivery includes length- and crosswise dividers
- T Drawers removable
- T Load capacity per drawer 40 kg
- T Open space for storage, secured with strong metal shutter
- T Separate locking of drawers and shutter by cylinder locks
- T In GEDORIT blue, drawers GEDORIT silver



Code	No.	H	W	D	Ø
6618050	B 1500 L	900	2000	875	166.0

R 1500 L

TOOL CABINET

- T Suitable as workbench top
- T Sheet steel construction
- T With metal shutter lockable by cylinder lock
- T Model LH with hook assortment no. 1500 HS 23
- T In GEDORIT blue, shutter GEDORIT silver
- T Delivery without tools

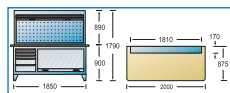


Code	No.	H	W	D	Ø
6617910	R 1500 L	890	1810	170	56.0
6619100	R 1500 LH	890	1810	170	59.2

BR 1500 LH

WORKBENCH WITH TOOL CABINET

- T As No. B 1500 L, but with installed tool cabinet R 1500 LH
- T Includes hook assortment 1500 HS 23
- T Delivery without tools



Code	No.	H	W	D	Ø
6618210	BR 1500 LH	1790	2000	875	203.7

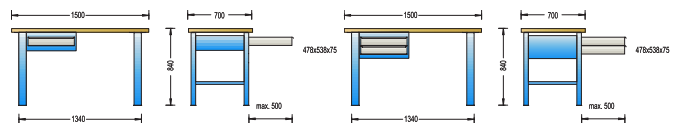
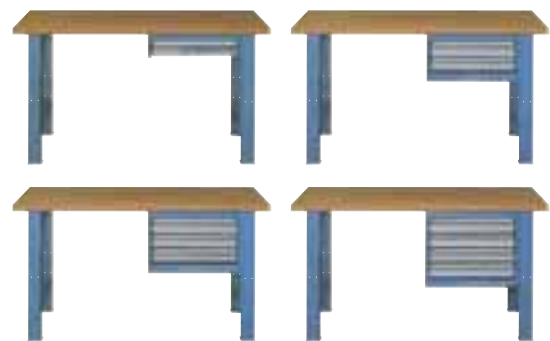
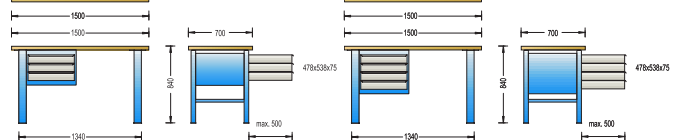
WORKBENCHES SELF-ASSEMBLY RANGE



- T 40 mm thick multiplex beech wood worktop
- T With 1 to 4 drawers, front panel height 90 mm
- T Drawer dimensions: W 480 x D 535 x H 75 mm
- T Drawers fully extendable, removable
- T Individually partitionable, delivery includes length- and crosswise dividers
- T Load capacity per drawer 35 kg
- T Drawer cabinet can be mounted either right or left
- T Central locking with cylinder lock
- T Workbench stands made from U-steel section and includes floor mounting plate
- T In GEDORIT blue, drawers GEDORIT silver
- T Delivery disassembled, for self-assembly, mounting material included

B 1510

WORKBENCH WITH DRAWER CABINET

**B 1510-1****B 1510-2****B 1510-3****B 1510-4**

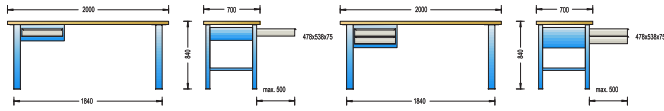
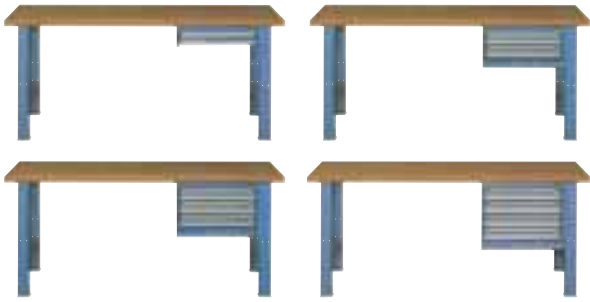
Code	No.	H	W	D	Ø
1955713	B 1510-1 1 t 90	840	1500	700	59.0
1955721	B 1510-2 2 t 90	840	1500	700	68.0
1955748	B 1510-3 3 t 90	840	1500	700	75.0
1955756	B 1510-4 4 t 90	840	1500	700	86.0





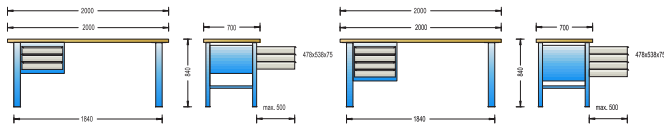
B 1511

WORKBENCH WITH DRAWER CABINET



B 1511-1

B 1511-2



B 1511-3

B 1511-4

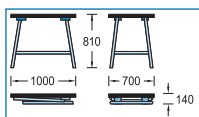
Code	No.	H	W	D	Ø
1955764	B 1511-1 1 t 90	840	2000	700	69.0
1955772	B 1511-2 2 t 90	840	2000	700	78.0
1955780	B 1511-3 3 t 90	840	2000	700	85.0
1955799	B 1511-4 4 t 90	840	2000	700	96.0

FOLDING WORKBENCH

B 1525

FOLDING WORKBENCH

- T Stable hinged workbench, needs little space when folded
- T Strong beech wood worktop with zinc-plated steel edge protector - corrosion resistant
- T Base made from steel tube
- T Load capacity 500 kg
- T GEDORIT blue



Code	No.	H	W	D	Ø
6622910	B 1525	810	1000	700	32.0

DRAWER CABINETS

1405

DRAWER CABINET

- T Drawers fully extendable
- T With mechanical interlock system that allows only one drawer to open at a time
- T Drawer size inside: 612 x 612 mm
- T Dimensions: H 1000 x W 697 x D 695 mm



1405-5



1405-7



1405-8



1405-10

Code	No.	Ø
1958224	1405-5 5 t 3x 150 2x 225	88.0
1958232	1405-7 7 t 3x 75 3x 150 1x 225	100.0
1958240	1405-8 8 t 4x 75 4x 150	106.0
1958259	1405-10 10 t 8x 75 2x 150	118.0

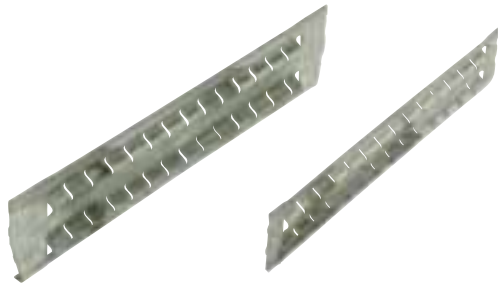




DRAWER PARTITIONS

E-1500 - E-3000

LENGTHWISE DIVIDER slotted



Code	No.	L	H	for use with	/
5325840	E-1580/14	317	42	1580, 2000, 3010	130
5326570	E-2500/62	320	60	2500 (1-7), 1431 (1), 1430	190
5325920	E-3000/36	346	60	3000 (1-6)	200
1886932	E-2005 KL/42	395	60	2005, 1504 XL, 2430	235
5326490	E-1504 KL/57	397	60	1502 (1-5), 1504 (1-6), 2003 (1-6), 2004 (type 1)	240
5315880	E-B 1500/38	548	60	B 1500 (1-3), 1505 (1-3)	320

E-1580

CROSSWISE DIVIDER

T Usage: 1580, 2000, 3010



Code	No.	L	H	/
1394878	E-1580/11-40	40	40	12
5325760	E-1580/11-80	80	40	25
5326140	E-1580/11-120	120	40	40

E-3000

CROSSWISE DIVIDER

T Usage: 1430, 1431 (1), B 1500 (1-3), 1502 (1-5), 1504 (1-6), 1504 XL, 1505 (1-3), 2003 (1-6), 2004 (type 1), 2430, 2005 (type 1), 2430, 2500 (1-7), 3000



Code	No.	L	H	/
5326060	E-3000/37-80	80	55	35
5326220	E-3000/37-120	120	55	50

TOOL CABINETS

1400

TOOL CABINET

T Stable sheet steel construction with fittings for tool assortment S 1400
 T Including modules 1500 E-1993 L and 1500 E-19 L
 T With safety lock
 T Dimensions:
 H 970 x W 650 x D 250 mm



Code	No.	Ø
6612600	1400 L Cabinet empty	29.0
6613250	1400 GM Cabinet 1400 L + assortment S 1400 GM	46.7
6613330	1400 GZM Cabinet 1400 L + assortments S 1400 GM + ZM	57.4
6613410	1400 GA Cabinet 1400 L + assortment S 1400 GA	46.6
6613680	1400 GZA Cabinet 1400 L + assortments S 1400 GA + ZA	57.4

1401

TOOL CABINET

T Stable sheet steel construction with perforated lining
 T Including modules 1500 E-1993 L and 1500 E-19 L
 T With safety lock
 T Dimensions:
 Dimensions: H 970 x W 650 x D 250 mm



Code	No.	Ø
5610610	1401 L Cabinet empty	29.0
6611550	1401 LH Cabinet 1401 L + hook assortment 1500 HS 11	34.0
6611630	1401 GM Cabinet 1401 L + hook assortment 1500 HS 11 + assortment S 1400 GM	48.0
6611710	1401 GZM Cabinet 1401 L + hook assortment 1500 HS 11 + assortments S 1400 GM + ZM	58.0
6611980	1401 GA Cabinet 1401 L + hook assortment 1500 HS 11 + assortment S 1400 GA	47.0
6612010	1401 GZA Cabinet 1401 L + hook assortment 1500 HS 11 + assortments S 1400 GA + ZA	57.0

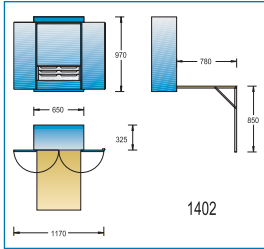




1402

TOOL CABINET

- T With integrated, fold-out table
- T Cabinet: H 970 x W 650 x D 325 mm
- T Table W 780 x H 850 mm



Code	No.	Ø
1657488	1402 L Cabinet empty	56.0
1761188	1402 LH Cabinet 1402 L + hook assortment 1500 HS 11	58.0
1761196	1402 GM Cabinet 1402 L + hook assortment 1500 HS 11 + assortment S 1400 GM	75.7
1761218	1402 GZM Cabinet 1402 L + hook assortment 1500 HS 11 + assortments S 1400 GM + ZM	86.4
1761226	1402 GA Cabinet 1402 L + hook assortment 1500 HS 11 + assortment S 1400 GA	75.7
1761234	1402 GZA Cabinet 1402 L + hook assortment 1500 HS 11 + assortments S 1400 GA + ZA	86.4



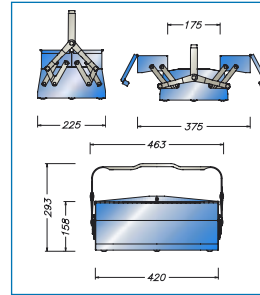
TOOL BOXES

- T With riveted joints
- T Compartments to be fully pulled out
- T Great stability even if only one side is opened
- T Blue stove enamelled
- T Tools not supplied

1263

TOOL BOX 3 compartments

- T Dimensions: H 158 x W 420 x D 225 mm

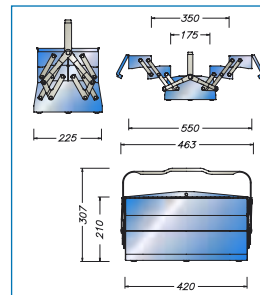


Code	No.	Ø
6608250	1263 L Tool box empty	4.6
6608330	1263-1151 M Tool box 1263 L + assortment S 1151 M	15.8
6608410	1263-1151 A Tool box 1263 L + assortment S 1151 A	15.8

1265

TOOL BOX 5 compartments

- T Dimensions: H 210 x W 420 x D 225 mm

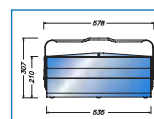


Code	No.	Ø
6609060	1265 L Tool box empty	6.1
6609140	1265-1151 M Tool box 1265 L + assortment S 1151 M	17.3
6609220	1265-1151 A Tool box 1265 L + assortment S 1151 A	17.3

1335

TOOL BOX 5 compartments, long pattern

- T Dimensions: H 210 x W 535 x D 225 mm



Code	No.	Ø
6610580	1335 L Tool box empty	6.3
6610660	1335-1151 M Tool box 1335 L + assortment S 1151 M	18.5
6610740	1335-1151 A Tool box 1335 L + assortment S 1151 A	18.5



TOOL BOXES

1370 Z

TOOL BOX

- T In special zinc-plated sheet steel for optimum protection against corrosion
- T With removable small-parts compartment ES 1370 Z and carrying strap E-1370
- T Delivery without tools

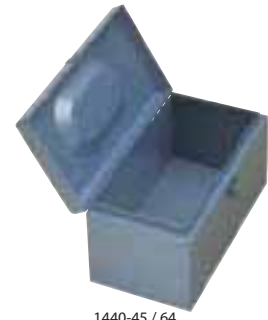


Code	No.	H	W	D	Ø
1497677	1370 Z	224	554	201.5	4.3
1497634	ES 1370 Z	69	179	167.0	0.6
5600300	E-1370				0.1

1440

TOOL BOX JUMBO

- T Special lining and waterproof joints, with extra strong fittings (apart from 1440-45, 1440-64)
- T Removable tray for small parts ES 1440 (available separately)
- T Please order separately transport frame 1441 Z
- T 1440-45 without small parts tray
- T Max. loading 150 kg



1440-45 / 64

Code	No.	H	W	D	Ø
6612440	1440-45	230	450	230	4.0
6611040	1440-64	230	640	230	8.0
6616510	1440-70	320	698	387	17.0
6616780	1440-83	340	841	427	23.0
6616860	1440-91	440	918	537	33.0
6616940	1440-100	320	998	387	25.0
6611120	ES 1440-64				1.6
6616000	ES 1440-70				1.2
6616190	ES 1440-83				1.5
6616270	ES 1440-91				1.6
6616350	ES 1440-100				1.8

TOOL CHESTS

- T In GEDORIT blue, drawers GEDORIT silver
- T Central locking
- T Drawers fully extendable
- T Delivery without decoration

1410 L

TOOL CHEST

- T 3 large and 3 small drawers
- T With carrying tray
- T Particularly suitable for tool assortments S 1002 M and S 1005 A
- T Dimensions: H 364 x W 663 x D 308 mm
- T Delivery without tools



Code	No.	H	W	D	Ø
6614300	1410 L	364	663	308	25.5

1420 L

TOOL CHEST

- T 3 large drawers
- T With carrying tray
- T Particularly suitable for tool assortments S 1002 M and S 1005 A
- T Dimensions: H 298 x W 610 x D 265 mm
- T Delivery without tools



Code	No.	H	W	D	Ø
6615700	1420 L	298	610	265	17.0





1440 Z

TOOL BOX JUMBO zinc-plated

- T Lockable through padlock
- T Toolbox interior lined for extra protection
- T Pull out tooltray for small parts (ES 1440)
- T Max. loading 150 kg
- T Suitable for mobile use in combination with chassis 1441 Z
- T Delivery without tools



Code	No.	H	W	D	Ø
6628280	1440 Z-70	320	698	387	17.0
6628360	1440 Z-83	340	841	427	23.0
6629170	1440 Z-91	440	918	537	33.0
6629250	1440 Z-100	320	998	387	25.0

1441 Z

TRANSPORT FRAME zinc-plated

- T Makes the tool boxes JUMBO 1440 / 1440 Z mobile
- T With 4 castors, 2 of them with brake
- T Delivery dismantled, for self-assembly



Code	No.	H	W	D	Ø
1497766	1441 Z-70	135	697	386	4.9
1497774	1441 Z-83	135	840	426	5.4
1497782	1441 Z-91	135	917	536	6.0
1497790	1441 Z-100	135	997	386	5.8



ROLLER TOOL CASES / TOOL CASES

- T Frame made from aluminium profiles, body from tough, impact-resistant ABS
- T When open, the case lid hinges lock in place to prevent unintentional closing
- T Document partition in the lid
- T The case body can be individually compartmentalised with lengthwise and crosswise dividers
- T Equipped with push-fit compartments and the GEDORE "Cliptool system", enabling individualised arrangement of the tool holders
- T Lockable with two tilt cylinder locks
- T Tools not supplied

1014 L

ROLLER TOOL CASE SILVER

- T 4x telescopic grip extending max. length: 1 metre
- T Widely spaced wheels and large ball-bearing-mounted smooth-running wheels ensure the case can be pushed or pulled without tipping
- T Internal dimensions: 470 x 210 x 360 mm
- T Carrying capacity: 40 kg
- T Tools not supplied



Code	No.	Ø
1946315	1014 L	6.8

1015 L

ROLLER TOOL CASE BLACK

- T 4x telescopic grip extending max. length: 1 metre
- T Widely spaced wheels and large ball-bearing-mounted smooth-running wheels ensure the case can be pushed or pulled without tipping
- T Internal dimensions: 470 x 210 x 360 mm
- T Carrying capacity: 40 kg
- T Tools not supplied



Code	No.	Ø
1946323	1015 L	6.8



1016 L

TOOL CASE

- T Ground slides ensure tilt-secure standing, and also protect sensitive surfaces
- T Internal dimensions: 460 x 165 x 310 mm
- T Carrying capacity: 30 kg
- T Tools not supplied



Code	No.	Ø
1946331	1016 L	4.7

1018 L

TOOL CASE

- T Ground slides ensure tilt-secure standing, and also protect sensitive surfaces
- T Internal dimensions: 470 x 180 x 360 mm
- T Carrying capacity: 30 kg
- T Tools not supplied



Code	No.	Ø
1946358	1018 L	5.1



TOOL ASSORTMENTS

1000

TOOL CASE TOURING 47 pieces

- T Tough case made from impact resistant plastic
- T Tools laid out in foam cut out tool control system
- T No. 1000 = set with case
- T No. S 1000 = set without case



S 1000



1000



Code	No.	Contents	Ø
6600780	1000	47 tools in case	6.7
6600190	S 1000	47 tools without case	5.1

Contents	
	7 6 7 8 10 11 12 13 14 15 17 19
	19 10 11 12 13 14 15 17 19 22
	1990 -5 -10
	1987
	1995
	1993 U -10 T
	42 2 (5/64AF) 2,5 3 4 5 6 8 10
	2150 4 5,5 6,5
	2160 PH 1 2
	2170 3
	4610
	4615 3
	4522
	50 MH
	145 10 C
	8210 -180 JC
	8316 -160 JC
	600 H -300
E-1000 P	

TOOL ASSORTMENTS

1090

TOOL CASE ELECTRICIAN 90 pieces

- T Strong, impact-resistant plastic case with aluminium frame
- T Dimensions: W 460 x D 380 x H 200 mm
- T No. 1090 = set with case
- T No. S 1090 = set without case
- T No. WK 1090 L = case empty



1090



1090
















1090















1090

Code	No.	Contents	Q
6601590	1090	90 tools in case	11.7
6601400	S 1090	90 tools without case	7.5
5600060	WK 1090 L	Case empty	4.2

Contents	No.
	401
	401 A [10x]
	6 14x17 18x19 21x23 22x24
	8 4 4,5 5,5 6 7 8 9 10 11 12 13
	20 4 4,5 5 5,5 6 7 8 9 10 11 13
	2087
	2095
	2098
	2090 -4
	2093 U -3
	42 2 (5/64AF) 2,5 3 4 5 6 7 8 10
	60 CP 10
	156 S

Contents	No.
	2153 5,5
	2161 PH 1
	2160 PZ 1 2
	VDE 2160 PH 1 2
	VDE 2170 3,5 4 5,5 6,5
	4615 3,5
	173 5,5 8
	174 1
	745
	4522
	4534 -3
	145 10 JC
	8096 -140

Contents	No.
	VDE 8098 -160
	VDE 8120 -160
	VDE 8250 -180
	VDE 8132 AB -160
	VDE 8316 -200
	95 -175
	99 10-2 10-4
	101
	112 A -250
	112 S
	600 H -300
	72 H -100
	E-1090 LK LZ LF LS



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**1091****ELECTRICIANS TOOL CASE 18 pieces**

- T Robust tool case with 18-piece basic assortment. Particularly suitable for beginners in electronic professions
- T From eco-friendly tanned cowhide
- T Carefully processed with strong industrial seams
- T Base insert from zinc-plated sheet steel
- T Edges reinforced with aluminium angle brackets, metal parts durable riveted
- T With feet to protect sensitive surfaces
- T Front part can be lowered for quick access to the tools, with two key locks to prevent inadvertent opening
- T Removable carrying strap with shoulder protector and stable carrying handle
- T Anti-theft protection due to two lockable notches, delivery includes two keys
- T Document partition
- T Interior measurements 430 x 200 x 290 mm
- T No. 1091 = set with case
- T No. WK 1091 L = case empty



Code	No.	Contents	○
1953710	1091	18 tools in case	13.2
1953729	WK 1091 L	Case empty	4.2

Image	Contents
	VDE 2133 7 8 10
	VDE 2160 PH 1 2 3
	VDE 2170 3 4 5,5
	4528
	4533 -2
	VDE 4614
	4629

Image	Contents
	8097
	VDE 8132 -160 H
	VDE 8250 -180 H
	VDE 8316 -180 H
	E-1091 ST

1050 M**TOOL ASSORTMENT AUTODOCTOR 29 pieces**

- T In wallet
- T Set in metric sizes
- T No. 1050 M = set in wallet
- T No. S 1050 M = set without wallet



1050 M



S 1050 M

Image	Contents
	7 8 10 12 13 14 17 19
	49 D 49 R
	145 10 C
	4522
	8250 -180 JC
	600 H -300
	2150 4 5,5 6,5
	2160 PH 2

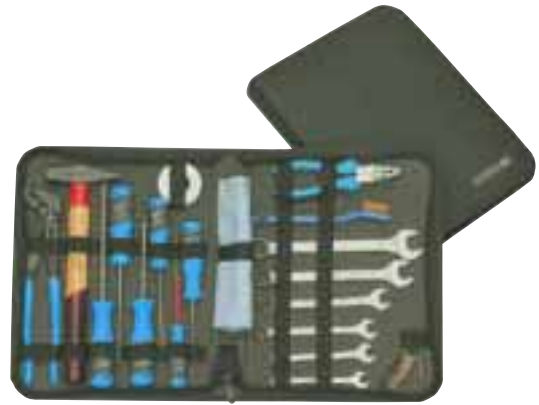
Code	No.	Contents	○
6604770	1050 M	29 tools in wallet	3.2
6604850	S 1050 M	29 tools without wallet	3.0












501 M

BASIC TOOL SET 29 pieces

- T In practical black leather case with zip fastener
- T Dimensions: W 300 x D 260 x H 45 mm
- T Tools in metric sizes



Code	No.	Contents	○
6511090	501 M	29 tools in metric sizes	2.1

	Contents
	7 10 11 12 13 17 19
	142 10 TL
	647
	4629
	8210 -160 JC
	600 H -200
	2150 4 5,5 6,5
	2160 PH 1 2
	2170 3
	E-501 ST











1060








TOOL ASSORTMENT FOR TRUCKS 41 pieces







- T In stable sheet steel case, GEDORIT blue, dimensions: W 690 x D 230 x H 100 mm
- T No. 1060 = set with case
- T No. S 1060 = set without case



Code	No.	Contents	○
6605150	1060	41 tools in case	17.0
6605230	S 1060	41 tools without case	8.0

	Contents
	2 8x9 10x11 12x13 17x19 22x24 27x30 32x36
	6 8x9 10x11 12x13 14x15 17x19 22x24 27x30 27x32 32x36
	7 13 17 19
	27 24x27 30x32
	27 D
	39
	137 10
	145 10 C

	Contents
	147 5,5 7 10
	99 12-6
	97 -200
	4522
	4610
	4629
	

	Contents
	8250 -180 JC
	8316 -160 JC
	600 H -400 -1500
	8719 2-8
	2160 PH 1 2
	2170 3



S 1020 M

TOOL ASSORTMENT 69 pieces

T Large service assortment

T Tools in metric sizes



Code	No.	Contents	□
6603020	S 1020 M	69 tools in metric sizes	3,8

Contents	
	1 B 10 13 17
	8 4 5 5,5 6 7 8 9 10 11 12 13
	20 5 6 7 8 10 13
	2090 -2 -4
	2087
	2095
	2098
	2093 U -3
	42 2 (5/64AF) 2,5 3 4 5 6 8
	2160 PH 0 1 2
	2150 5,5
	2170 2,5 3 4
	173 4
	174 1
	144 7 C
	145 10 C
	119 -2 -3 -4 -5
	401
	720
	640 -1800
	648
	132 -150
	4611
	4615 3
	8096 -140
	8098 -160 JC
	8120 -160 JC
	8122 -160 JC
	8132 -160 JC
	8316 -160 JC
	8250 -180 JC
	8728
	600 H -100

S 1150 M

UNIVERSAL TOOL ASSORTMENT 41 pieces

T For car repairs, household repairs and for the professional

T Tools in metric sizes



Code	No.	Contents	□
6606980	S 1150 M	41 tools in metric sizes	4,3

Contents	
	1 B 8 10 11 13 14 15 17 19 22
	30 6 7 8 9 10 11 12 13 14 15 17 19 22
	3090 -3 -5 -10
	3095
	3093 GU -3
	42 3 4 5 6 8 10
	52
	145 10 C
	2150 5,5 8
	2160 PH 2
	8250 -180 JC
	97 -125
	600 H -300




























S 1151 M

TOOL ASSORTMENT 68 pieces

- T For workshops and service stations
- T Recommended hook assortments 1500 HS 1 (24 pcs) or 1500 HS 14 (36 pcs)
- T Tools in metric sizes


























Code	No.	Contents	○
6607010	S 1151 M	68 tools in metric sizes	11.2
Contents			
	2	8x9 10x11 12x13 14x15 16x17 18x19 20x22	
	6	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	
	19	10 11 12 13 14 15 17 19 22 24 27 30 32	
	1990	-3 -5 -10	
	1987		
	1995		
	1993 U	-10 T	
	38	16 [2x]	
	42	2,5 3 4 5 6 8	
	2150	4 6,5 8	
	2160 PH 2		
	50		
	137	10	
	145	10 C	
	299		
	100	-12	
	99	10-4	
	97	-150	
	4611		
	8250	-180 JC	
	8316	-160 JC	
	8316	-160 JC	
	600 H	-500	

S 1151 A

TOOL ASSORTMENT INCH 68 pieces

- T For workshops and service stations
- T Recommended hook assortments 1500 HS 1 (24 pcs) or 1500 HS 14 (36 pcs)
- T Tools in inch sizes



Code	No.	Contents	○
6607280	S 1151 A	68 tools in inch sizes	11.2
Contents			
	2	1/4x5/16AF 5/16x3/8AF 3/8x7/16AF 7/16x1/2AF 9/16x5/8AF 19/32x11/16AF 3/4x25/32AF 13/16x7/8AF	
	6	1/4x5/16AF 5/16x3/8AF 7/16x1/2AF 9/16x5/8AF 19/32x11/16AF 3/4x25/32AF 13/16x7/8AF 15/16x1AF	
	D 19	5/16AF 3/8AF 7/16AF 1/2AF 9/16AF 5/8AF 11/16AF 3/4AF 7/8AF 15/16AF 1AF 1.1/16AF 1.1/4AF	
	1990	-3 -5 -10	
	1987		
	1995		
	1993 U	-10 T	
	38	16 [2x]	
	42	3/32AF 1/8AF 5/32AF 3/16AF 7/32AF (5,5MM) 1/4AF	
	2150	4 6,5 8	
	2160 PH 2		
	50		
	137	10	
	145	10 C	
	299		
	100	-12	
	99	10-4	
	97	-150	
	4611		
	8250	-180 JC	
	8316	-160 JC	
	8316	-160 JC	
	8601	1 LBS	

Suitable tool trolleys and workbenches for your tool assortments - see page 16-17



**S 1013 M****TOOL ASSORTMENT FOR MOTORBIKES 158 pieces**

T Recommended hook assortments 1500 HS 8 (33 pcs) or 1500 HS 25 (74 pcs)

T Tools in metric sizes



Code	No.	Contents	Q
6603880	S 1013 M	158 tools in metric sizes	13.6

Contents	
	2 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22
	6 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32
	7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 30 32
	400 10x11
	19 10 11 12 13 14 15 17 19 22 24 27 30
	IN 19 7 8 10 12 14
	IKS 19 3
	IS 19 8x1,2 10x1,6
	IN 19 L 8-120
	1990 -5 -10
	1930
	1995
	1993 U -10 T
	20 4,4,5,5,5,6,7,8,9,10,11,13
	IN 20 3 4 5 6

Contents	
	IKS 20 1 2
	IS 20 4x0,8 5,5x1 6,5x1,2
	2087
	2095
	2098
	2090 -2 -4
	2093 U -3
	30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
	3020
	3081
	3087
	3095
	3090 -5 -10
	3093 U -10
	38 12 [2x]
	42 17
	42 T 2,5 3 4 5 6
	2153 5,5
	2154 4,5 5,5 6,5 10

Contents	
	2161 PZ 1
	2160 PZ 0 1 2
	4610
	143 10 JC
	144 7 C
	100 -10
	119 -2 -3 -4 -5
	95 -150
	640 -500
	644
	133 K
	702 88 M 20 M
	8000 A 2 21
	8000 J 2 21
	8132 -160 TL
	8110 -140 TL
	8316 -160 TL
	225 E -50
	600 H -500
	4549 -05





S 1400 GM




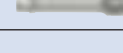
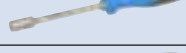
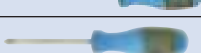


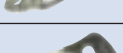

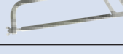

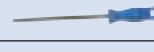





UNIVERSAL TOOL ASSORTMENT 100 pieces

- T Tools in metric sizes
- T Supplied in tool modules 1500 ES, suitable to fit in 5 drawers of the GEDORE tool trolleys and workbenches
- T Recommended hook assortments 1500 HS 5 (34 pcs), 1500 HS 11 (42 pcs) or 1500 HS 17 (59 pcs)



Code	No.	Contents	Q
6612790	S 1400 GM	100 tools in metric sizes	17.7

Contents	
	42 1,3 1,5 2 (5/64AF) 2,5 3 4 5 6 8 10
	2 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22
	6 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27
	19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32
	IN 19 6 7 8 9 10 12 14
	142 10 JC
	8250 -180 JC
	8132 -160 JC
	8316 -160 JC
	97 -250
	98 -125
	99 12-5
	100 -12
	119 -1,5 -3 -4
	600 H -300
	600 E -500
	225 E -40

Contents	
	1993 U -10 T
	1987
	1995
	1990 -5 -10
	2133 5,5 6 7 8 9 10
	2150 4 5,5 6,5 8
	2160 PH 1 2
	60 CP 8
	137 10
	406
	403
	8701 2-6
	8719 2-6
	8722 2-6
	8728
	132 -150
	424026
	1500 E-NL [3x]

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S 1400 GA

UNIVERSAL TOOL ASSORTMENT INCH 92 pieces
 T Tools in inch sizes
 T Recommended hook assortments 1500 HS 5 (34 pcs), 1500 HS 11 (42 pcs) or 1500 HS 17 (59 pcs)



Code	No.	Contents	□
6612870	S 1400 GA	92 tools in inch sizes	17.7

Contents	
	2 1/4x5/16AF 5/16x3/8AF 7/16x1/2AF 9/16x5/8AF 19/32x11/16AF 3/4x25/32AF 13/16x7/8AF 15/16x1AF
	6 1/4x5/16AF 5/16x3/8AF 3/8x7/16AF 7/16x1/2AF 1/2x9/16AF 9/16x5/8AF 19/32x11/16AF 5/8x3/4AF 3/4x7/8AF 25/32x13/16AF 15/16x1AF 1.1/16x1.1/8AF
	D 19 3/8AF 13/32AF 7/16AF 1/2AF 9/16AF 19/32AF 5/8AF 11/16AF 3/4AF 25/32AF 13/16AF 7/8AF 15/16AF 1AF 1.1/16AF 1.1/8AF 1.1/4AF
	IS 19 16x2,5
	1993 U -10 T
	1987
	1990 -5 -10
	1995
	42 1/8AF 5/32AF 3/16AF 1/4AF 5/16AF 3/8AF 1/2AF 9/16AF
	2150 4 5,5
	2154 6,5 8 10
	2160 PH 2 3
	2133 3/16AF 1/4AF 9/32AF 5/16AF 11/32AF 3/8AF
	60 CP 8
	137 10
	144 7 C
	145 10 C

Contents	
	100 -10
	99 10 -3 -4
	97 -125 -150
	98 -125
	402
	403
	132-150
	8250 -180 JC
	8316 -160 JC
	421025
	225 E -40
	8601 1 LBS
	8701 2-6
	8719 2-6
	8722 2-6
	8728



S 1400 ZM

SUPPLEMENTARY TOOL ASSORTMENT FOR S 1400 GM 34 pieces
T Tools in metric sizes



Code	No.	Contents	○
6612950	S 1400 ZM	34 tools in metric sizes	10.7
		Contents	
		1990 -2,1/2-3	
		INX 19 L 6-100 8-100 10-100 12-100	
		2153 6,5	
		2161 PH 2	
		27 24x27 30x32	
		27 D	
		28 PU CS	
		36 1-140	
		38 20 [2x]	
		50	
		54	
		125 1	
		128 2-225	
		135 13	
		299	
		640 -1800	
		702 13 M	
		4610	
		8729 [2x]	

S 1400 ZA

SUPPLEMENTARY TOOL ASSORTMENT INCH FOR S 1400 GA 34 pieces
T Tools in inch sizes



Code	No.	Contents	○
6613090	S 1400 ZA	34 tools in inch sizes	10.7
		Contents	
		1990 -2,1/2-3	
		INX 19 L 6-100 8-100 10-100 12-100	
		2153 6,5	
		2161 PH 2	
		27 24x27 30x32	
		27 D	
		28 PU CS	
		36 1-140	
		38 20 [2x]	
		50	
		54	
		125 1	
		128 2-225	
		135 13	
		299	
		640 -1800	
		702 13 A	
		4610	
		8729 [2x]	



**S 1004 M****MECHANIC'S TOOL ASSORTMENT 80 pieces**

T Recommended hook assortments 1500 HS 3 (36 pcs) or 1500 HS 16 (46 pcs)

T Tools in metric sizes



Code	No.	Contents	⊖
6600000	S 1004 M	80 tools in metric size	15.0

	Contents
	7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24
	19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32
	1987
	1995
	1990 -5 -10
	1993 U -10T
	42 2 (5/64AF) 2,5 3 4 5 6 8 10
	60 CP 8
	143 10 C
	175 1.1/2
	139 -400
	100 -10
	99 10-3
	97 -150 -200
	98 -125
	119 -3 -5
	403
	640 -1800
	132 -150
	4522

	Contents
	8250 -180 JC
	8132 -160 JC
	8316 -160 JC
	424026
	600 H -500
	8701 2-8
	8719 2-8
	8722 2-8
	8725 2-8
	2150 4 6,5 8
	2153 5,5
	2160 PH 2 3
	2161 PH 2
	1.12 /01





S 1008 M

MECHANIC'S TOOL ASSORTMENT 138 pieces

T A useful selection of tools for many jobs

T Recommended hook assortments 1500 HS 8 (33 pcs), 1500 HS 13 (42 pcs) or 1500 HS 25 (74 pcs)

T Tools in metric sizes



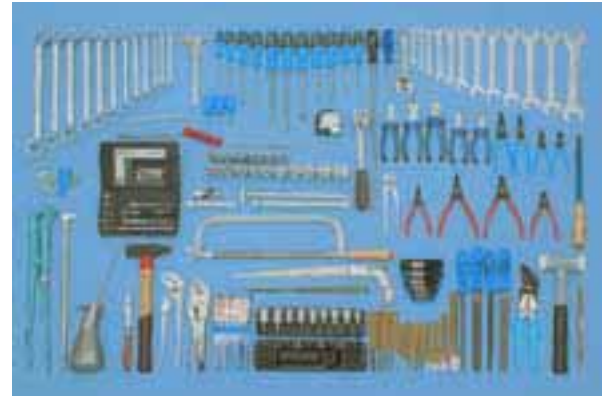
Code	No.	Contents	Ø
6603610	S 1008 M	138 tools in metric sizes	22.0

	Contents
	2 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32
	6 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32
	19 8 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32
	1987
	1995
	1990 -5 -10
	1993 U -10 T
	20 4 4,5 5 5,5 6 7 8 9 10 11 13
	2090 -4
	2087
	2095
	2098
	2093 U -3
	42 2 (5/64AF) 2,5 3 4 5 6 8 10
	60 CP 8
	298 -04
	137 10
	140
	143 10 C
	144 7 C
	156 S
	175 1,1/2
	139 -400
	100 -10
	99 10-3 12-5
	97 -125 -150 -200
	98 -125
	119 -3 -5
	407

	Contents
	640 -1800
	132 -200
	710
	745
	4522
	4534 -3
	8000 A 2
	8000 J 2
	8250 -180 JC
	8132 -160 JC
	8316 -160 JC
	8367 -160 JC
	8551 1 2 3 4 5 6 7 8
	600 H -500
	248 ST -40
	8701 2-8
	8719 2-8
	8722 2-8
	424026
	8728
	2150 3 4 5,5
	2153 6,5
	2154 6,5 8 10
	2160 PZ 1 2
	2160 PH 1 2 3
	2161 PH 1 2

**S 1007 M**

MECHANIC'S TOOL ASSORTMENT 175 pieces
 T Recommended hook assortments 1500 HS 8 (33 pcs)
 or 1500 HS 25 (74 pcs)
 T Tools in metric sizes



Code	No.	Contents	○
6601080	S 1007 M	175 tools in metric sizes	25.0

Contents	Contents
2 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32	6 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32
19 8 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32	IN 19 5 6 7 8 9 10 12 14 17
1987	1995
1990 -5 -10	1993 U -10 T
20 4 4,5 5 5,5 6 7 8 9 10 11 13	2087
2095	2098
2090 -4	2093 U -3
42 2 (5/64AF) 2,5 3 4 5 6 8 10	60 CP 8
298 -04	137 10
140	143 10 C
144 7 C	156 S
175 1.1/2	139 -400
100-10	99 10-3 12-5
97 -125 -150 -200	

Contents	Contents
98 -125	119 -2 -3 -4 -5 -6 -8
402	404
407	640 -1800
132 -200	710
745	K 1900
KB 819	KB 820
880 7 8 9 12	885 5 6 8 10
890 2 3 4 L	4522
4534 -3	8000 A 1 A 2 A 11 A 21
8000 J 1 J 2 J 11 J 21	8250 -180 JC
8132 -160 JC	8132 AB -160 JC
8316 -160 JC	

Contents	Contents
8367 -160 JC	8551 1 2 3 4 5 6 7 8
600 H -500	248 ST -40
8701 2-8	8719 2-8
8722 2-8	8725 2-8
424026	8728
2150 3 4 5,5	2153 6,5
2154 6,5 8 10	2160 PZ 1 2
2160 PH 1 2 3	2161 PH 1 2





S 1011 M

TOOL ASSORTMENT 134 pieces




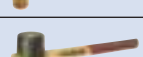
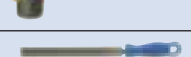

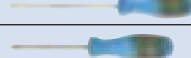


- T A special set for modern repair and service work
- T Recommended hook assortments 1500 HS 6 (33 pcs) or 1500 HS 20 (57 pcs)
- T Tools in metric sizes



Code	No.	Contents	O
6601240	S 1011 M	134 tools in metric sizes	27.0

	Contents
	2 6x7 8x9 10x11 12x13 14x15 16x17
	7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23
	19 10 11 12 13 14 15 17 19 22 24 27 30
	IKS 19 2 3
	IS 19 8x1,2 10x1,6
	IN 19 5 6 7 8 10 12 14
	ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60
	1990 -5 -10
	1995
	1993 U -10T
	20 4 5 6 7 8 9 10 11 12 13 14
	IKS 20 1 2 3
	IKS 20 PZD 1 2 3
	IN 20 3 4 5 6 8
	IS 20 4x0,8 5,5x1 6,5x1,2 8x1,6
	2090 -2 -6
	2087
	2095
	2098
	2093 U -3
	38 20 24
	424026

	Contents
	298 -00
	145 10 C
	137 10 [2]
	138 Y [2]
	252
	255 253 255
	265
	269 K
	273 K
	278
	281
	292
	104 HS
	100 -12
	99 10-4 12-6
	97 -125 -175
	403
	426026
	644
	745
	132 -200
	133 F-200
	8250 -180 JC

	Contents
	8316 -160 JC
	600 H -300 -800
	224 E -40
	226 E -2
	8701 2-8
	8722 2-6
	2150 3,5,5 8 10
	2160 PH 2 3
	2160 PZ 2



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S 1009 M

TOOL ASSORTMENT 134 pieces

T Recommended hook assortments 1500 HS 7
(41 pcs), 1500 HS 12 (44 pcs) or 1500 HS 24 (66 pcs)
T Tools in metric sizes



Code	No.	Contents	□
6601160	S 1009 M	134 tools in metric sizes	16.0
		Contents	
		7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 30 32	
		304 11x13 14x17 19x22	
		19 10 11 12 13 14 15 16 17 19 22 24 27 30 32	
		IN 19 5 6 7 8 9 10 12 14 17	
		IN 19 L 5-180 6-90 7-100 8-120 12-140	
		INX 19 L 8-100 10-100 12-100	
		ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60	
		1990 -10 -5	
		1987	
		1995	
		1993 U -10 T	
		20 4 4,5 5 5,5 6 7 8 9 10 11 13	
		2087	
		2095	
		2098	
		2090 -4	
		2093 U -3	
		3093 GU -3	
		52	
		53	
		56	
		38 16 [2x]	
		42 2 (5/64AF) 2,5 3 4 5 6 8 10	
		2150 3 4 5,5 6,5 8	

	Contents
	2153 5,5 6,5
	2170 4
	2160 PH 1 2
	2161 PH 2
	148 5,5 8
	145 10 C
	100 -12
	99 10-1
	97 -150
	119 -2 -4 -6 -8
	644
	647
	132 -150
	702 8 M
	745
	1600 -39
	4534 -3
	4610
	8000 A 2
	8000 J 2
	8250 -180 JC
	8316 -160 JC
	600 H -300
	225 E -40
	8701 2-10




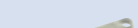


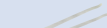
















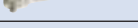














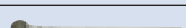
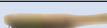
S 1006 M

TOOL ASSORTMENT FOR TRUCKS 115 pieces

- T For service and repairs
- T Recommended hook assortments 1500 HS 4 (28 pcs) or 1500 HS 22 (57 pcs)
- T Tools in metric sizes



Code	No.	Contents	Ø
6600940	S 1006 M	115 tools in metric sizes	32,0

Contents		Contents		Contents	
	1 B 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 29 30 32		60 CP 12		132-250
	19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32		135 19		702 20 M
	IN 19 5 6 7 8 9 10 12 14 17		137 10		4534 -3
	1990 -5-10		146 10 CP		4610
	1985		100 2		8000 A 2 A 21
	1987		147 9 10		8000 J 2 J 21
	1995		2160 PH 1 2 3 4		8316 -160 JC
	1993 U -10 T		100 -10		248 ST -50
	32 19 22 24 27 29 30 32 36 38		97 -200		225 E -32
	3290 -8-16		119 -4-5-6		600 H -100 -1500
	3287		96 -200		8701 2-10
	3295		407 A [12x]		
	3293 U -3		644		



**S 1002 M****TOOL ASSORTMENT FOR TRACTORS 79 pieces**

T Recommended hook assortments 1500 HS 2 (31 pcs) or 1500 HS 15 (38 pcs)
 T Tools in metric sizes



Code	No.	Contents	○
6600270	S 1002 M	79 tools in metric sizes	15,9

Contents	
	1 B 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 22 23 24 27 28 30 32
	19 10 11 12 13 14 15 16 17 18 19 22 24 27 30 32
	IS 19 12x2
	1990 -5 -10
	1987
	1995
	1993 U -10 T
	38 20 [2x]
	42 3 4 5 6 8 10 12 14
	137 10
	145 10 C
	147 5,5 7 9 12
	162 2
	100 -10
	99 12-5 12-6 12-8
	97 -150
	98 -125
	119 -3 -4 -5
	403
	132 -200
	702 20 M
	4610
	8010 A 2
	8010 J 2
	8250 -180 JC
	8316 -160 JC
	600 H -500 -1000

S 1003 M**TOOL ASSORTMENT FOR CONSTRUCTION MACHINES 120 pieces**

T For hydraulic construction machines with metric screwed joints
 T Specially designed for on-site servicing and repairs



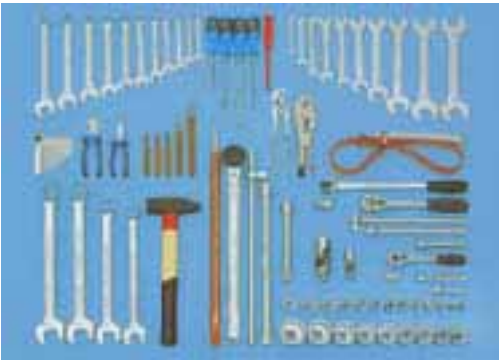
Code	No.	Contents	○
1959727	S 1003 M	120 tools in metric sizes	45,2

Contents	
	19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32
	IN 19 5 6 7 8 9 10 12 14 17
	1990 A -5 -10
	1987
	1995
	1993 U -20
	SL 1912 SL 1916
	6 6x7 8x9 10x11 12x13 14x15 16x18 17x19 20x22 21x23 24x26 27x32 30x34
	7 XL 10 11 12 13 14 17 19 22 24 27 30 32
	400 8x10 11x13 12x14 13x15 17x19 22x24 30x32
	36 2-200
	145 10 JC
	646
	4522
	4533 -2
	900 08
	8010 A 2 21
	8010 J 2 21
	8132 AB -200 JC
	8250 -200 JC
	8316 -200 JC
	8140 -11 -09 -05
	2154SK 4,5 5,5 6,5 8
	2160SK PH 1 2
	42 KEL 2,2,5 3 4 5 6 8 10
	4612
	1.04 /3A
	95 HS -250




































S 1003 M	
	Contents 99 10-1 10-2 10-3 12-4 12-5
	100 -10
	119 -3 -4 -5 -6 -7 -8
	56 E -20
	132 -200
	137 -600 [2x]
	600 H -500
	609 H -8
	248 H -50
	4550 -30



S 1005 A	
TOOL ASSORTMENT FOR CONSTRUCTION MACHINES 81 pieces	
T For construction machinery using inch sizes	
T Especially suitable for Caterpillar® machines	
T Recommended hook assortments 1500 HS 1 (24 pcs) or 1500 HS 3 (36 pcs)	
T Tools in inch sizes	
	

Code	No.	Contents	○
6600510	S 1005 A	81 tools in inch sizes	27.7

Contents	
	1 B 1.1/16AF 1.1/8AF 1.1/4AF 1.5/16AF
	6 1/4x5/16AF 3/8x7/16AF 1/2x9/16AF 19/32x11/16AF 5/8x3/4AF 13/16x7/8AF 15/16x1AF 1.1/16x1.1/8AF 1.1/4x1.3/8AF 1.5/16x1.1/2AF
	7 3/8AF 7/16AF 1/2AF 9/16AF 5/8AF 11/16AF 3/4AF 13/16AF 7/8AF 15/16AF 1AF
	D 19 9/16AF 5/8AF 11/16AF 3/4AF 13/16AF 7/8AF 15/16AF 1AF
	1993 U -10 T
	1990 -5 -10
	1932
	1987
	1995
	1997
	D 30 7/16AF 1/2AF 9/16AF 5/8AF 3/4AF
	3090 -3 -5
	3019
	3093 U -10
	D 32 7/8AF 1AF 1.1/16AF 1.1/8AF 1.1/4AF 1.5/16AF 1.1/2AF 1.5/8AF 1.3/4AF
	3290 -8 -16
	3287
	3295
	3293 U -2
	137 10
	145 10 C
	100 -12
	99 10-4 12-8
	97 -150 -200
	702 26 A
	36 2-200
	8132 AB -160 JC
	8316 -160 JC
	600 H -1000
	137 -600
	2154 8 12
	2160 PH 2 3
	VDE 2170 5,5



S 1023 M

TOOL ASSORTMENT FOR MECHATRONICS 118 pieces

T Practical entry-level toolset

T The range includes mechanical and electrical engineering tools



Contents	
	VDE 8132 -200 H
	VDE 8250 -180 H
	VDE 8314 -160 H
	VDE 2170 4 5,5
	VDE 2160 PH 1 2
	VDE 4614
	4615 3
	171 IS 1,2 1,5 2
	165 PH 00 0
	8305 -2
	8306 -5
	42 1,3 1,5 2 (5/64AF) 2,5 3 4 5 6 8 10
	97 -150
	100 -10
	119 -3 -5
	600 H -500
	248 ST -30
	8701 2-8
	8719 2-8
	8722 2-8
	403
	4528
	710
	745
	4534 -3
	298 -04
	8354 -1
	8139 -220 TL

Code	No.	Contents	O	G
1999060	S 1023 M	118 tools in metric sizes	13.0	G

Contents	
	1 B 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
	D 20 4 5 6 7 8 9 10 11 12 13
	680 4 5,5 6,5
	685 3 4 5 6
	685 X 5 6 8
	687 TX T10 T15 T20 T25 T27 T30 T40
	690 1 2
	690 PZD 1 2 3
	620
	676
	699
	2090 -4
	2093 U -20
	1993 U -10 T
	19 8 9 10 11 12 13 14 15 16 17 19 22 24 27 30 32
	1987
	1990 -5 -10
	1995

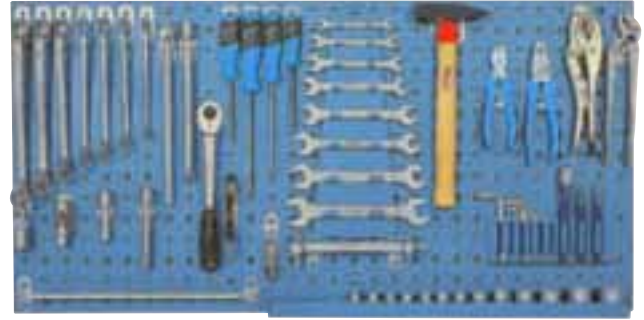







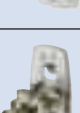
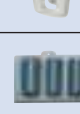









TOOL PANELS


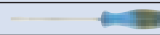
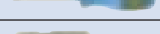










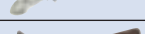
1450 L

TOOL PANEL for tool assortment, 65 pieces
 T Complete with hook assortment 1500 HS 14 and fittings
 T Made from solid sheet steel 1.5 mm thick, all 4 edges are bevelled
 T Dimensions: L 1000 x H 500 mm



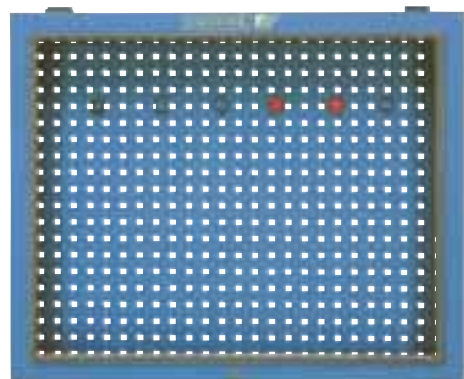
Code	No.	L	Ø
5617110	1450 L Tool panel empty	1000	5.5
6617160	1450 LH 1450 L + hook assortment 1500 HS 14	1000	7.3
6617240	1450-1151 M 1450 L + hook assortment 1500 HS 14 + assortment S 1151 M	1000	17.3

Contents	
1450 L	
	1500 H 0 [6x]
	1500 H 1 [20x]
	1500 H 2 -13 [6x]
	1500 H 3
	VS 245 H
	VS 19 H
	2 8x9 10x11 12x13 14x15 16x17 18x19 20x22
	6 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22
	19 10 11 12 13 14 15 17 19 22 24 27 30 32
	1990 -3 -5 -10
	1987
	1995
	1993 U -10 T
	38 16 [2x]

Contents	
	42 2,5 3 4 5 6 8
	2150 4 6,5 8
	2160 PH 2
	50
	137 10
	145 10 C
	299
	100 -12
	99 10-4
	97 -150
	4611
	8250 -180 JC
	8316 -160 JC
	600 H -500

1500 SK M

DISPLAY PANEL SELF LOWERING AND RAISING
 T Square perforation 9 x 33 mm, suitable for hooks 1500 H 0 - H 4
 T The door panel in plexiglass opens upwards with 2 gas springs



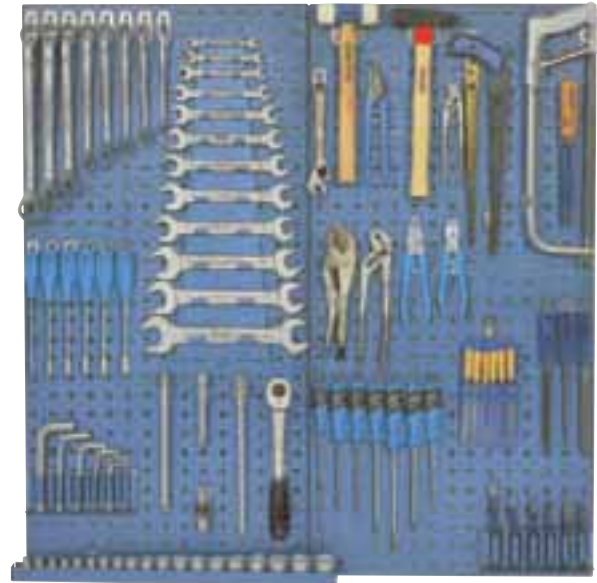
Code	No.	H	W	D	Ø
1542966	1500 SK M	735	900	80	22.0

**1450 LHG****2 TOOL PANELS for tool assortment, 100 pieces**

T Complete with hook assortment 1500 HS 17

T Made from solid sheet steel 1.5 mm thick, all 4 edges are bevelled

T Dimensions: L 1000 x H 1000 mm



Code	No.	L	Ø
6617590	1450 LHG 2 tool panels 1450 L + hook assortment 1500 HS 17	1000	13.6
6617320	1450-1400 GM 2 tool panels 1450 L + hook assortment 1500 HS 17 + assortment S 1400 GM	1000	30.6

Contents	
	1450 L [2x]
	1500 H 0 [15x]
	1500 H 1 [32x]
	1500 H 2 -13 [4x]
	1500 H 3 [2x]
	1500 H 27
	1500 H 38
	VS 245 H [2x]
	VS 19 H
	42 1,3 1,5 2 (S/64AF) 2,5 3 4 5 6 8 10
	26x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22
	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27
	19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32
	IN 19 6 7 8 9 10 12 14
	142 10 JC
	8250 -180 JC

Contents	
	8132 -160 JC
	8316 -160 JC
	97-250
	98-125
	99 12-5
	100-12
	119 -1,5 -3 -4
	1993 U -10 T
	1987
	1995
	1990 -5 -10
	2133 5,5 6 7 8 9 10
	2150 4,5 5 6,5 8
	2160 PH 1 2
	60 CP 8
	137 10
	600 H -300
	600 E -500
	225 E -40
	406
	403
	8701 2-6
	8719 2-6
	8722 2-6
	8728
	132 -150
	424026
	1500 E-N L [3]



1450 LHGZ

3 TOOL PANELS for tool assortment, 134 pieces

T With hook assortment 1500 HS 23

T Made from solid sheet steel 1.5 mm thick, all 4 edges are bevelled



















T Dimensions: L 1500 x H 1000 mm




Code	No.	L	Ø
6617670	1450 LHGZ 3 tool panels 1450 L + hook assortment 1500 HS 23	1500	19.7
6617400	1450-1400 GZM 3 tool panels 1450 L + hook assortment 1500 HS 23 + assortments S 1400 GM+S 1400 ZM	1500	46.7

Contents
1450 L [3x]
 1500 H 0 [17x]
 1500 H 1 [43x]
 1500 H 2 -13 [2x]
 1500 H 3 [10x]
 1500 H 27
 1500 H 38
 VS 245 H [2x]
 VS 19 H
 42 1,3 1,5 2 (5/64AF) 2,5 3 4 5 6 8 10
 2 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22
 6 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27
 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32
 IN 19 6 7 8 9 10 12 14
 142 10 JC
 8250 -180 JC
 8132 -160 JC

Contents
 8316 -160 JC
 97-250
 98-125
 99 12-5
 100-12
 119 -1,5 -3 -4
 1993 U -10 T
 1987
 1995
 1990 -5 -10
 2133 5,5 6 7 8 9 10
 2150 4 5,5 6,5 8
 2160 PH 1 2
 60 CP 8
 137 10
 600 H -300
 600 E -500
 225 E -40
 406
 403
 8701 2-6
 8719 2-6
 8722 2-6
 8728
 132 -150
 424026
 1500 E-N L [3x]

Contents
 1990 -2,1/2 -3
 INX 19 L 6-100 8-100 10-100 12-100
 2153 6,5
 2161 PH 2
 27 24x27 30x32 D
 28 PU CS
 36 1-140
 38 20 [2x]
 50
 54
 125 1
 128 2-225
 135 13
 299
 640 -1800
 702 13 M
 4610
 8729 [2x]

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TOOL MODULES

- T Impact resistant ABS
- T Oil and acid resistant
- T For keeping order in the GEDORE tool trolleys and mobile workbenches with variable divisions
- T Dimensions:
1/3 module = W 157.5 x D 310 mm
2/3 module = W 315.0 x D 310 mm
- T For models 1502, 1504, 2002, 2003, 2004, 2500 please order distance module 1500 ED-70 or 1500 ED-70 K additionally
- T For model 1505 please order 1500 ED-150 K additionally
- T For model 2005 please order 1500 ED-70 XL additionally

For possible combinations of the modules in our tool trolleys and workbenches see page 15



1500 ES-1 B

COMBINATION SPANNER SET
in 2/3 tool module

3
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Code	No.	/
6612280	1500 ES-1 B 1 B 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 PH 42-88 (2, 2,5 3 4 5 6 8 10)	2380

Code	No.	/
5620330	1500 E-1B-7 L Module, empty	200

1500 ES-2

RING SPANNER SET
in 1/3 tool module

3

Code	No.	/
6621190	1500 ES-2 2 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	1480

Code	No.	/
5626290	1500 E-2 L Module, empty	200

1500 ES-2 B

RING SPANNER SET, SHORT PATTERN
in 1/3 tool module

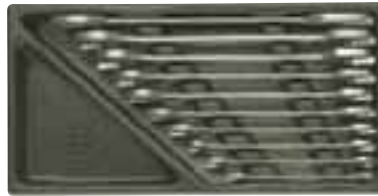
3

Code	No.	/
1731165	1500 ES-2 B 2 B 6x7 8x9 10x11 12x13 14x15 17x19	590

Code	No.	/
1731173	1500 E-2B-400 L Module, empty	200

1500 ES-6

OPEN ENDED SPANNER SET in 1/3 tool module



Code	No.	/
6621000	1500 ES-6 6 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27	1500

Code	No.	/
5626100	1500 E-6-7R L Module, empty	200



1500 ES-7

COMBINATION SPANNER SET
in 2/3 tool module

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Code	No.	/
6612520	1500 ES-7 7 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 PH 42-88 (2, 2,5 3 4 5 6 8 10)	2110

Code	No.	/
5620330	1500 E-1B-7 L Module, empty	200

1500 ES-7-32

COMBINATION SPANNER
SET in 2/3 tool module

3

Code	No.	/
1761145	1500 ES-7-32 7 23 24 27 30 32	2400

Code	No.	/
1761153	1500 E-7-32 L Module empty	200

1500 ES-7 R

OPEN ENDED SPANNER WITH
RING RATCHET in 1/3 tool module

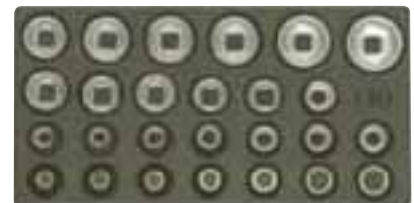
3

Code	No.	/
1410199	1500 ES-7 R 7 R 8 10 12 13 14 15 16 17 18 19	1350

Code	No.	/
5626100	1500 E-6-7R L Module, empty	200

1500 ES-19

SOCKET SET 1/2", HEXAGON
in 1/3 tool module

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Code	No.	/
6626580	1500 ES-19 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 IN 19 6 7 8 9 10 12 14	2900

Code	No.	/
5621650	1500 E-19 L Module, empty	100



1500 ES-D 19

SOCKET SET 1/2", UD PROFILE
in 1/3 tool module

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Code	No.	/
1899694	1500 ES-D 19 D 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 IN 19 6 7 8 9 10 12 14	2900
5621650	1500 E-19 L Module, empty	100



1500 ES-20

SOCKET SET 1/4" in 1/3 tool module

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Code	No.	/
6626230	1500 ES-20 20 4 5 5,5 6 7 8 9 10 11 12 13 14 IN 20 3 4 5 6 8 TX 20 E4 E5 E6 E7 E8 E10 ITX 20 T8 T9 T10 T15 T20 T25 T27 T30 T40 2087 2090-4 2095 2098 2093 U-10	1000
5621490	1500 E-20 L Module, empty	100

1500 ES-19 IS

SOCKET SET 1/2"
in 1/3 tool module

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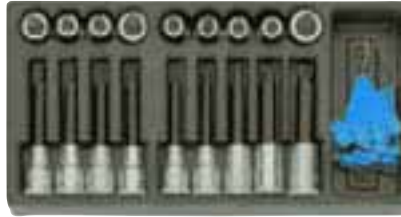


Code	No.	/
1733109	1500 ES-19 IS 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 IS 19 10x1,6 12x2 IKS 19 2 3 4 INX 19 8 10	2750
5621650	1500 E-19 L Module, empty	100

1500 ES-ITX 19 LKP

SCREWDRIVER BIT SOCKET SET 1/2"
in 1/3 tool module

O T
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Code	No.	/
1402226	1500 ES-ITX 19 LKP ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60 ITX 19 L T20-100 T25-100 T27-100 T30-100 T40-100 T45-100 T50-100 T55-100 T60-100 708	1900
1402706	1500 E-ITX 19 LKP Module, empty	150

1500 ES-20 BIT

TOOL MODULE 1/4" with assortment
T Only suitable for tool trolleys 2003 and
2004, and workbenches 1502, 1504, 1505
T Dimensions: W 475 x D 77 x H 40 mm

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Code	No.	/
1733419	1500 ES-20 BIT 20 L 4 4,5 5 6 7 8 9 10 12 13 680 4 5,5 6,5 8 685 2,5 3 4 5 6 685 X 5 6 8 687 TX T6 T7 T8 T9 T10 T15 T20 T25 T27 T30 T40 690 1 2 3 690 PZD 1 2 3 649 673 6,3 699 620 676 639	730
1733087	1500 LE-20 BIT Module, empty	150

1500 ES-IN 19 LKM

SCREWDRIVER BIT SOCKET SET 1/2"
in 1/3 tool module

O T 5



Code	No.	/
1402234	1500 ES-IN 19 LKM IN 19 5 6 7 8 9 10 12 14 17 IN 19 L 5-90 6-90 8-90 10-140 12-140 14-140	1900
1402714	1500 E-IN 19 LKM Module, empty	145

1500 ES-K 19 L

SET IMPACT SOCKETS 1/2"
in 1/3 tool module

O T 1



Code	No.	/
1640836	1500 ES-K 19 L K 19 L 10 13 14 16 17 18 19 21 22 23 24 27	3525
1643371	1500 E-K 19 L L Module, empty	175

1500 ES-30

SOCKET SET 3/8" in 1/3 tool module

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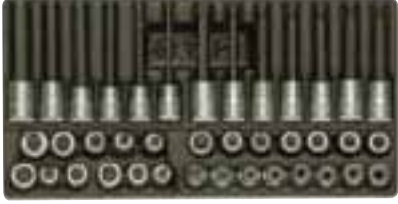


Code	No.	/
6626070	1500 ES-30 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 IN 30 4 5 6 8 10 3095 3087 3090-5 -10 3093 U-10	1800
5621220	1500 E-30 L Module, empty	100



1500 ES-ITX 30
SCREWDRIVER BIT SOCKET SET 3/8"
in 1/3 tool module


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Code	No.	/
1640860	1500 ES-ITX 30 IN 30 L 4 5 6 7 8 10 ITX 30 T20 T25 T27 T30 T40 T45 T50 ITX 30 L T20 T25 T27 T30 T40 T45 T50 TX 30 E5 E6 E7 E8 E10 E11 E12 E14 IS 30 5,5 6,5 8 10 12 IKS 30 1 2 3 IKS 30 PZD 1 2 3	1960
1643363	1500 E-ITX 30 L Module, empty	175

1500 ES-34
SWIVEL HEAD WRENCH SET
in 1/3 tool module

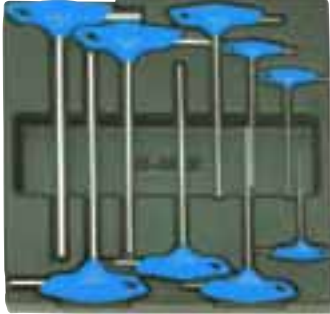
3



Code	No.	/
6605070	1500 ES-34 34 8x9 10x11 12x13 14x15 16x17	1830
5622890	1500 E-34 L Module, empty	140

1500 ES-DT 42
HEXAGON SOCKET KEY SET
in 2/3 tool module


5



Code	No.	/
1543474	1500 ES-DT 42 DT 42 2 2,5 3 4 5 6 7 8 10	950
1543490	1500 E-DT 42 L Module, empty	100


1500 ES-145
PLIERS SET
in 1/3 tool module

T P




Code	No.	/
6614650	1500 ES-145 142 10 JC 8250-180 JC 8132-160 JC 8316-160 JC	1400
5620840	1500 E-145 L Module, empty	100

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1500 ES-VDE 145
VDE PLIERS SET
in 1/3 tool module

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Code	No.	/
1733079	1500 ES-VDE 145 142 10 C VDE 8250-180 H VDE 8132-160 H VDE 8314-160 H	1100
5620840	1500 E-145 L Module, empty	100

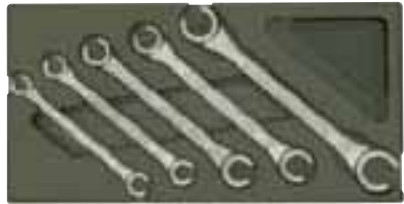
1500 ES-350
CHISEL SET in 1/3 tool module



Code	No.	/
6613760	1500 ES-350 97-250 98-125 99 12-5 100-12 119-1,5 3 4 600 H-300	1700
5620680	1500 E-350 L Module, empty	100

1500 ES-400
SET FLARE NUT SPANNERS, OPEN
in 1/3 tool module

1
3



Code	No.	/
1731157	1500 ES-400 400 8x10 10x11 12x14 13x15 17x19	670
1731173	1500 E-2B-400 L Module, empty	200

1500 ES-534
SET COMBINATION SWIVEL HEAD
WRENCHES in 1/3 tool module

3




Code	No.	/
1813196	1500 ES-534 534 10 11 13 14 15 17 19 26 RS 1 2	1205
1813226	1500 E-534 L Module, empty	140



1500 ES-711
PRECISION MECHANICS
in 1/3 tool module

9
7



Code	No.	/
1402218	1500 ES-711 140 4534-5 708 711 720 745	1900
1402692	1500 E-711 L Module, empty	170



1500 ES-K 1900

IMPACT DRIVER SET
in 1/3 tool module

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Code	No.	/
1402242	1500 ES-K 1900 K 19 10 13 14 17 19 880 7 8 9 12 885 5 6 8 10 890 1 2 3 4 KB 819 K 1900	1900

Code	No.	/
1402722	1500 E-K 1900 L Module, empty	150

1500 ES-1993 U-20

ACCESSORIES FOR SOCKET WRENCHES
1/2" in 1/3 tool module

do



Code	No.	/
1550756	1500 ES-1993 U-20 1993 U-20 1987 1995 1990-5 -10	1900

Code	No.	/
5621810	1500 E-1993 L Module, empty	100

1500 ES-1993 T

ACCESSORIES FOR SOCKET WRENCHES
1/2" in 1/3 tool module

do



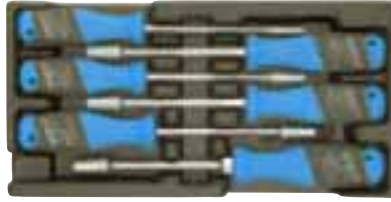
Code	No.	/
6626740	1500 ES-1993 T 1993 U-10 T 1987 1995 1990-5 -10	1900

Code	No.	/
5621810	1500 E-1993 L Module, empty	100

1500 ES-2133

SOCKET WRENCH SET
in 1/3 tool module

1



Code	No.	/
1751239	1500 ES-2133 2133 5,5 6 7 8 9 10	565

Code	No.	/
1523767	1500 E-2150 L Module, empty	100

1500 ES-2150 PH

SCREWDRIVER SET
in 1/3 tool module

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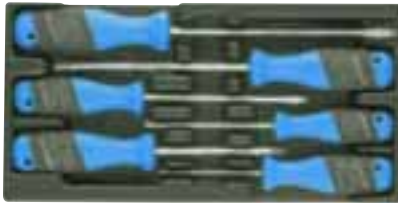
Code	No.	/
1523708	1500 ES-2150 PH 2150 4 5,5 6,5 8 2160 PH 1 2	630

Code	No.	/
1523767	1500 E-2150 L Module, empty	100

1500 ES-2150 PZ

SCREWDRIVER SET in 1/3 tool
module

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Code	No.	/
1523694	1500 ES-2150 PZ 2150 4 5,5 6,5 8 2160 PZ 1 2	630

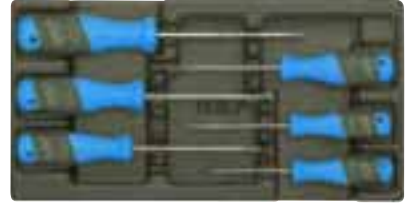
Code	No.	/
1523767	1500 E-2150 L Module, empty	100



1500 ES-2163 BTX

SCREWDRIVER SET
in 1/3 tool module

7



Code	No.	/
1582666	1500 ES-2163 BTX 2163 BTX T8 T10 T15 T20 T25 T30	615

Code	No.	/
5621060	1500 E-150 L Module, empty	100

1500 ES-2163 TXB

SCREWDRIVER SET
in 1/3 tool module

8



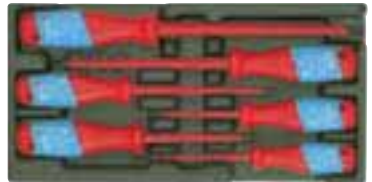
Code	No.	/
1616625	1500 ES-2163 TXB 2163 TXB T10 T15 T20 T25 T30 T40	725

Code	No.	/
1523767	1500 E-2150 L Module, empty	100

1500 ES-VDE 2170 PZ

VDE SCREWDRIVER SET
in 1/3 tool module

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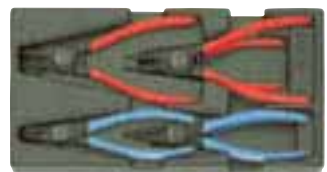
Code	No.	/
1733095	1500 ES-VDE 2170 PZ VDE 2170 4 5,5 6,5 8 VDE 2160 PZ 1 2	600

Code	No.	/
1523767	1500 E-2150 L Module, empty	100

1500 ES-8000

CIRCLIP PLIERS in 1/3 tool module

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A
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N



Code	No.	/
1402196	1500 ES-8000 8000 A 1 A 2 A 21 8000 J 1 J 2 J 21	1900

Code	No.	/
1446479	1500 E-8000 L Module, empty	145

**1500 ES-1.07****PULLER SET** in 1/3 tool module

Code	No.	/	l
1933213	1500 ES-1.07		1850
	1x 106/103		
	1x 107/103		
	1x 1.1406140		
	3x 106/S100-E		

Code	No.	/	l
1933248	1500 E-1.07 L		200
	Module, empty		

1500 E-N L**TOOL MODULE EMPTY**

T Impact resistant ABS, black grained
 T Dimensions: W 157.5 x D 310 mm (1/3 module)



Code	No.	/	l
5622540	1500 E-N L		200 1

1500 E-S L**TOOL MODULE EMPTY**

T With compartments for small parts
 T Impact resistant ABS, black grained
 T Dimensions: W 157.5 x D 310 mm (1/3 module)



Code	No.	/	l
1879227	1500 E-S L		150 1

1500 ED-30**DISTANCE MODULE EMPTY**

T For fixing modules 1500 ES in drawer sizes
 W 480 x D 350 mm of tool trolley 3000 TANTO
 T Dimensions: W 157 x D 30 x H 42 mm



Code	No.	/	l
5626370	1500 ED-30		30 1

1500 ED-70**DISTANCE MODULE WITH SMALL BOXES**

T For fixing modules 1500 ES in drawer sizes
 W 480 x L 400 mm of tool trolleys 2003, 2004,
 2500 and workbenches 1502, 1504 and 1505
 T Module in sheet steel with four transparent plastic boxes,
 execution L without boxes
 T Dimensions: W 475 x D 77 x H 40 mm



Code	No.	/	l
6627120	1500 ED-70		900 1
5627930	1500 ED-70 L		750 1

1500 ED-70 K**DISTANCE MODULE EMPTY**

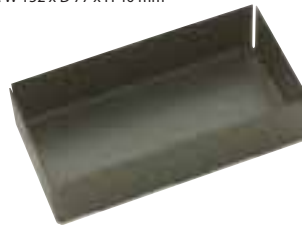
T For fixing modules 1500 ES in drawers with depth 400 mm
 of tool trolleys 2003, 2004, 2500 and workbenches 1502,
 1504 and 1505
 T Dimensions: W 475 x D 77 x H 40 mm



Code	No.	/	l
1618687	1500 ED-70 K		200 1

1500 ED-70 S**DISTANCE MODULE 1/3 EMPTY**

T For tool trolley 2005, workbench
 1504 XL and tool chest 2430
 T Dimensions: W 152 x D 77 x H 40 mm



Code	No.	/	l
1851462	1500 ED-70 S		150 1

1500 ED-70 XL**DISTANCE MODULE EMPTY**

T Suitable to take torque wrenches
 and other long hand tools or small pieces
 T Only appropriate to tool trolley 2005
 T Dimensions: W 625 x D 77 x H 40 mm



Code	No.	/	l
1803069	1500 ED-70 XL		950 1

1500 ED-85**DISTANCE MODULE EMPTY**

T Only appropriate to tool trolley 2545
 and tool chest 2546



Code	No.	/	l
1972588	1500 ED-85		860 1

1500 ED-150 K**DISTANCE MODULE EMPTY**

T Suitable to large pieces and other long tools
 (e.g. torque wrenches, saws, etc.)
 T Dimensions: W 480 x D 150 x H 42 mm



Code	No.	/	l
1879243	1500 ED-150 K		150 1

TOOL HOLDERS / TOOL HOOKS

T Suitable for GEDORE tool trolleys and panels with square
 perforation 9 x 33 mm

1500 H 0**TOOL HOOK straight mandrel**

T Ø 4 mm especially suitable for GEDORE
 screwdrivers with hanging hole
 T Suitable for perforated panels with square
 perforation 9 x 33 mm and 10 x 38 mm



Code	No.	Ø	∇	/	l
5803410	1500 H 0-50	4	50		30 10





1500 H 1

TOOL HOOK inclined hook end

T Suitable for perforated panels with square perforation 9 x 33 mm and 10 x 38 mm

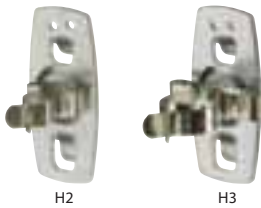


Code	No.	∅	y	/	l
5803680	1500 H 1-50	4	50	30	10

1500 H 2 - 1500 H 3

SPRING CLAMP

T Suitable for perforated panels with square perforation 9 x 33 mm and 10 x 38 mm



H2

H3



Code	No.	∅	y	/	l	G
2008351	1500 H 2-10	10	31	25	10	G
5803760	1500 H 2-13	13	31	26	10	
2008378	1500 H 2-16	16	31	27	10	G
5803840	1500 H 3	20-35	44	28	10	

1500 H 4

BASE PLATE

T With M6 thread for universal fixing
T Suitable for perforated panels with square perforation 9 x 33 mm and 10 x 38 mm



Code	No.	/	l
1446185	1500 H 4	12	10

1500 H 5

PAPER ROLL HOLDER

T Suitable for perforated panels with square perforation 9 x 33 mm and 10 x 38 mm

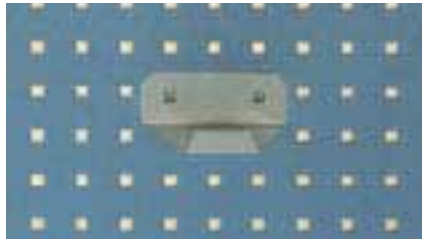


Code	No.	y	∅	/	l
5798660	1500 H 5	250	6	80	1

1500 H 6

CABLE REEL HOOK

T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	W	H	D	/	l
5797850	1500 H 6	110	40	60	80	1

1500 H 18

TOOL HOOK straight mandrel

T Suitable for perforated panels with square perforation 9 x 33 mm and 10 x 38 mm



Code	No.	∅	y	/	l	G
2008386	1500 H 18-50	6	50	34	10	G
2008394	1500 H 18-100	6	100	46	10	G
2008408	1500 H 18-150	6	150	56	10	G

1500 H 19

TOOL HOLDER double, straight mandrel

T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	∅	y	/	l	G
2008416	1500 H 19-50	6	50	74	5	G
2008424	1500 H 19-100	6	100	98	5	G
2008432	1500 H 19-150	6	150	118	5	G

1500 H 20

TOOL HOLDER vertical hook end

T For ringspanners
T Suitable for perforated panels with square perforation 9 x 33 mm and 10 x 38 mm



Code	No.	∅	y	/	l	G
1879162	1500 H 20-35	6	35	30	10	
2008440	1500 H 20-70	6	70	46	10	G
2008459	1500 H 20-135	6	135	56	10	G

1500 H 21

TOOL HOLDER double, vertical hook end

T For hammers and ratchets
T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	∅	y	/	l	G
2008475	1500 H 21-35	6	35	76	5	G
1879170	1500 H 21-50	6	50	80	5	
2008483	1500 H 21-75	6	75	90	5	G

1500 H 22

TOOL HOLDER for pliers

T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	W	D	/	l	G
2008491	1500 H 22-35	35	20	62	5	G
1879189	1500 H 22-55	55	20	66	5	
2008505	1500 H 22-75	75	20	68	5	G

1500 H 23

MACHINE HOLDER for battery screwdriver

T Suitable for perforated panels with square perforation 9 x 33 mm

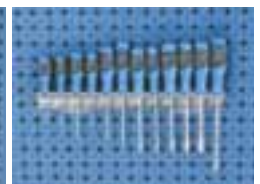
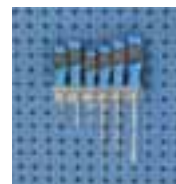


Code	No.	∅	/	l	G
2008513	1500 H 23-40	40	68	5	G
1879197	1500 H 23-60	60	60	5	
2008521	1500 H 23-80	80	80	5	G

1500 H 24

TOOL HOLDER for screwdrivers

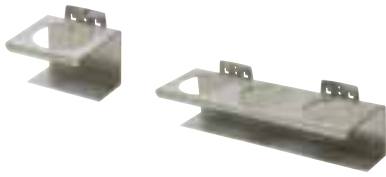
T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	Execution	/	l	G
1879200	1500 H 24-6	for 6 pieces	200	1	
2008548	1500 H 24-12	for 12 pieces	400	1	G

**1500 H 25****TOOL HOLDER for 3 cans**

T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	Ø	W	/	I	G
2008556	1500 H 25-1	70	100	200	1	G
1879219	1500 H 25-3	70	300	600	1	

1500 H 26**MOUNTING RAIL FOR STORAGE BOXES**

T Suitable for perforated panels with square perforation 9 x 33 mm
 T No. 1500 H 26-1 for one storage box
 T No. 1500 H 26 for up to 4 storage boxes (depending on width)
 T Delivery without storage boxes



Code	No.	y	/	I	G
2008564	1500 H 26-1	55	50	5	G
1933183	1500 H 26	495	418	1	

1500 H 27**SOCKET HOLDER**

T With 11 holes
 T Hole diameter 10x 25 mm and 1x 27.5 mm
 T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	W	H	D	/	I	G
1920634	1500 H 27	352	60	54	500	1	G

1500 H 28**SHELF**

T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	W	H	D	/	I	G
1933191	1500 H 28	496	168	303	3000	1	

1500 H 29**TOOL HOOK inclined hook end**

T Suitable for perforated panels with square perforation 9 x 33 mm and 10 x 38 mm



Code	No.	Ø	y	/	I	G
2008572	1500 H 29-50	6	50	34	10	G
2008580	1500 H 29-100	6	100	46	10	G

1500 H 30**TOOL HOOK for sockets**

T Suitable for perforated panels with square perforation 9 x 33 mm and 10 x 38 mm



Code	No.	L ₁	L ₂	Ø	/	I	G
2008599	1500 H 30	15	40	6	34	10	G

1500 H 31**ROUND HOLDER**

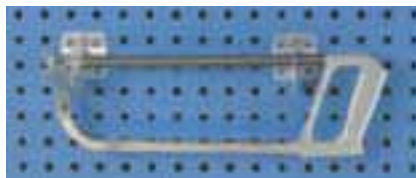
T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	W	L	/	I	G
2008602	1500 H 31	27	65	68	5	G

1500 H 32**SAW HOLDER**

T Suitable for perforated panels with square perforation 9 x 33 mm
 T For 4 saws. Please order in pairs!



Code	No.	D	H	/	I	G
2008610	1500 H 32	80	52	86	1	G

1500 H 33**TUBE HOLDER**

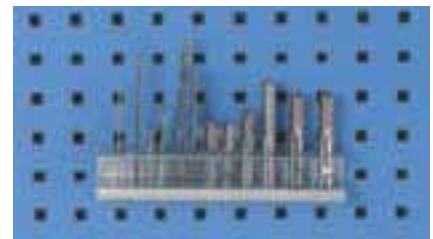
T Suitable for perforated panels with square perforation 9 x 33 mm
 T Hook width 35 mm



Code	No.	W	H	D	Ø	/	I	G
2008629	1500 H 33-60	58	67	74	60	114	1	G
2008637	1500 H 33-100	58	96	114	100	156	1	G

**1500 H 34****DRILL-BIT HOLDER**

T Suitable for perforated panels with square perforation 9 x 33 mm
 T No. **1500 H 34-14** with 14 holes, diam.:
 T 2 ea. 3.0 4.2 6.5 7.5 8.5 16.5 mm, 1 ea. 10.5 12.5 mm
 T No. **1500 H 34-28** with 28 holes, diam.:
 T 4 ea. 3.2 4.2 6.5 7.5 8.5 16.5 mm, 2 ea. 10.5 12.5 mm



Code	No.	W	H	D	/	I	G
2008645	1500 H 34-14	200	60	37	200	1	G
2008653	1500 H 34-28	390	60	37	400	1	G

1500 H 35**HOLDER FOR ALLEN KEYS**

T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	W	H	/	I	G
2008661	1500 H 35	200	73	300	1	G



1500 H 36

TOOL HOLDER

T For customising (wooden plate)
T Suitable for perforated panels with square perforation 9 x 33 mm

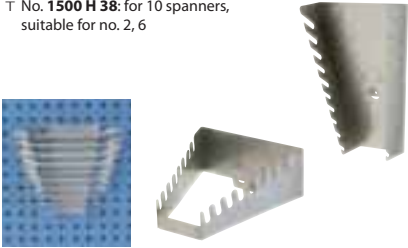


Code	No.	W	H	D	/	I	G
2008688	1500 H 36	340	55	135	1100	1	G

1500 H 37 - 1500 H 38

SPANNER HOLDER

T Suitable for perforated panels with square perforation 9 x 33 mm
T No. **1500 H 37**: for 8 spanners, suitable for no. 1 B, 2, 4, 6, 7, 7 R
T No. **1500 H 38**: for 10 spanners, suitable for no. 2, 6



Code	No.	W	H	D	/	I	G
2008696	1500 H 37	124	66	145	220	1	G
1920626	1500 H 38	75-147	227	60	400	1	G

1500 HS

HOOK ASSORTMENT

T Suitable for perforated panels with square perforation 9 x 33 mm

Code	No.	/	I	G
5802870	1500 HS 1 4x 1500 H 0-50 18x 1500 H 1-50 1x H 6-8 B 1x VS 245 H	1120	1	
5802950	1500 HS 2 23x 1500 H 1-50 6x 1500 H 2-13 2x VS 245 H	1000	1	
5803090	1500 HS 3 7x 1500 H 0-50 24x 1500 H 1-50 2x 1500 H 2-13 2x 1500 H 3 1x VS 245 H	1110	1	
5803170	1500 HS 4 4x 1500 H 0-50 17x 1500 H 1-50 6x 1500 H 3 1x VS 245 H	870	1	
5803250	1500 HS 5 12x 1500 H 0-50 20x 1500 H 1-50 1x 1500 H 38 1x VS 245 H	1540	1	
5803330	1500 HS 6 7x 1500 H 0-50 25x 1500 H 1-50 1x VS 245 H	1020	1	
5803920	1500 HS 7 12x 1500 H 0-50 22x 1500 H 1-50 3x 1500 H 2-13 3x 1500 H 3 1x VS 245 H	1260	1	
5805460	1500 HS 8 14x 1500 H 0-50 18x 1500 H 1-50 1x H 6-12 B	1510	1	
5805540	1500 HS 9 4x 1500 H 0-50 16x 1500 H 1-50 1x H 6-8 B 1x VS 245 H	1060	1	
5805620	1500 HS 10 9x 1500 H 0-50 25x 1500 H 1-50 2x 1500 H 2-13 1x 1500 H 3 1x VS 245 H	1170	1	

Code	No.	/	I	G
5799980	1500 HS 11 14x 1500 H 0-50 23x 1500 H 1-50 1x 1500 H 2-13 2x 1500 H 3 1x 1500 H 38 1x VS 245 H	2000	1	
5805700	1500 HS 12 12x 1500 H 0-50 25x 1500 H 1-50 3x 1500 H 2-13 3x 1500 H 3 1x VS 245 H	1350	1	
5805890	1500 HS 13 16x 1500 H 0-50 19x 1500 H 1-50 3x 1500 H 2-13 2x 1500 H 3 1x H 6-12 B 1x VS 245 H	1810	1	
5802010	1500 HS 14 6x 1500 H 0-50 20x 1500 H 1-50 6x 1500 H 2-13 1x 1500 H 3 1x H 6-8 B 1x VS 245 H 1x VS 19 H	1800	1	
5805970	1500 HS 15 25x 1500 H 1-50 9x 1500 H 2-13 1x 1500 H 3 2x VS 245 H 1x VS 19 H	1570	1	
5806510	1500 HS 16 7x 1500 H 0-50 29x 1500 H 1-50 5x 1500 H 2-13 3x 1500 H 3 1x VS 245 H 1x VS 19 H	1750	1	
5804060	1500 HS 17 15x 1500 H 0-50 32x 1500 H 1-50 4x 1500 H 2-13 2x 1500 H 3 1x 1500 H 27 1x 1500 H 38 2x VS 245 H 1x VS 19 H	2600	1	
5807160	1500 HS 18 12x 1500 H 0-50 32x 1500 H 1-50 4x 1500 H 2-13 4x 1500 H 3 1x VS 245 H 2x VS 19 H	2420	1	
5809370	1500 HS 19 4x 1500 H 0-50 28x 1500 H 1-50 3x 1500 H 2-13 7x 1500 H 3 2x VS 245 H 1x VS 19 H	1780	1	
5860050	1500 HS 20 7x 1500 H 0-50 47x 1500 H 1-50 2x 1500 H 3 1x VS 245 H	1740	1	
5860130	1500 HS 21 15x 1500 H 0-50 35x 1500 H 1-50 5x 1500 H 2-13 2x 1500 H 3 1x VS 245 H	2660	1	
5860210	1500 HS 22 5x 1500 H 0-50 38x 1500 H 1-50 3x 1500 H 2-13 8x 1500 H 3 1x VS 245 H 2x VS 19 H	2450	1	
5804220	1500 HS 23 17x 1500 H 0-50 43x 1500 H 1-50 12x 1500 H 2-13 10x 1500 H 3 1x 1500 H 27 1x 1500 H 38 2x VS 245 H 1x VS 19 H	3200	1	
5860480	1500 HS 24 11x 1500 H 0-50 42x 1500 H 1-50 6x 1500 H 2-13 4x 1500 H 3 1x VS 245 H 2x VS 19 H	2810	1	
5860560	1500 HS 25 20x 1500 H 0-50 42x 1500 H 1-50 5x 1500 H 2-13 3x 1500 H 3 1x H 6-12 B 2x VS 245 H 1x VS 19 H	3170	1	

Code	No.	/	I	G
2008726	1500 HS 26 3x 1500 H 29-100 4x 1500 H 20-35 3x 1500 H 21-35 1x 1500 H 22-35 1x 1500 H 23-40	616	1	G
2008734	1500 HS 27 2x 1500 H 2-10 1x 1500 H 2-13 2x 1500 H 20-70 2x 1500 H 21-35 1x 1500 H 21-50 2x 1500 H 22-55 1x 1500 H 24-6 5x 1500 H 29-50 1x 1500 H 34-14 1x 1500 H 37	1322	1	G
2008742	1500 HS 28 4x 1500 H 20-35 2x 1500 H 20-70 2x 1500 H 20-135 6x 1500 H 21-35 2x 1500 H 22-35 1x 1500 H 23-40 1x 1500 H 24-6 3x 1500 H 29-50 3x 1500 H 29-100 2x 1500 H 31 1x 1500 H 34-14 1x 1500 H 37	1768	1	G
5802440	1504 HG 13x 1500 H 0-50 13x 1500 H 1-50 1x H 6-12 B 2x VS 245 H	2000	1	
5801550	1582 HG 10x 1500 H 1-50 5x 1500 H 2-13 5x 1500 H 3	520	1	

H 6

HOLDER

T For double open ended spanner sets no. 6
T Suitable for perforated panels with square perforation 9 x 33 mm



Code	No.	/	I	G
5079110	H 6-8 B Sheet metal holder, empty for 8 spanners no. 6	400	1	
5079540	H 6-12 B Sheet metal holder, empty for 12 spanners no. 6	550	1	
5070080	H 6-8 L Plastic holder, empty for 8 spanners no. 6	150	1	
5070160	H 6-12 L Plastic holder, empty for 12 spanners no. 6	200	1	
5073930	E-PH 6-8 L Plastic holder, empty for 8 spanners no. 6	10	1	
5074070	E-PH 6-12 L Plastic holder, empty for 12 spanners no. 6	30	1	



Deviant packing units see article description.



VH 1

TOOL HOLDER EMPTY for 8 spanners

- T Suitable for the sets 1 B-080, 4-8, 6-8, and 7-080 as well for 7 R and 7 UR
- T Delivery without tools

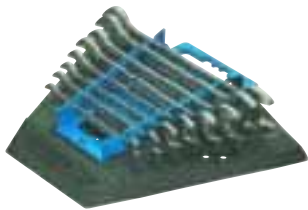


Code	No.	/	I
1465147	VH 1	60	1

WVH 1

TOOL HOLDER EMPTY for 8 spanners

- T May be fixed firmly to various wall types
- T Includes base support no. WH 1, tool holder no. VH 1, and 2 distance washers
- T Suitable for the sets 1 B-080, 4-8, 6-8, and 7-080 as well as 7 R and 7 UR
- T Delivery without tools



Code	No.	/	I
1465120	WVH 1	200	1
Wall holder complete, empty			
1465155	WH 1	140	1
Base support			
1476386	WH 1 S	160	1
Base support with distance washers			
1465171	E-WVH 1/4	20	1
Distance washers for WVH 1			



VS 19 H

TOOL TRAY

- T For sockets



Code	No.	W	D	/	I
5152640	VS 19 H	570	25-45	400	1

VS 245 H

CHISEL HOLDER EMPTY



Code	No.	W	H	D	/	I
5456270	VS 245 H	195	95	22	60	1

VS 1500 H

GENERAL PURPOSE BOX

- T Dimensions: H 330 x W 230 x D 100/120 mm



Code	No.	/
5797770	VS 1500 H	1500

VS 1582

STORAGE TRAY



Code	No.	H	W	D	/	I
5150000	VS 1582-1	50	320	150	850	1
5150190	VS 1582-2	150	320	50	1200	1
5150270	VS 1582-3	100	320	90	700	1

1500 H 13

ANTI-SLIP MAT

- T For all drawers in GEDORE tool trolleys and workbenches
- T Length 2 meters, width 475 mm



Code	No.	/
5790250	1500 H 13	465

MERCHANDISERS (KEYHOLE-PERFORATION)

- T Ideal sales displays for modern showrooms and sales areas
- T Highly visible presentation of an extensive range of selected tools
- T Easy push-fit assembly of all parts. Units can be readily combined to make larger displays
- T The perforated panel units are free-standing, enabling tools to be displayed on both sides, and are freely combinable with the systems used by leading shop fitters
- T Perfect illumination of the tools, generating an attractive promotional effect
- T The GEDORE single panel unit is 1 m wide and 2.20 m high, and can be infinitely extended in metre-wide sections. (E = single panel unit; A = add-on panel)
- T Detailed information available on request!

1500 H 15

WRITING SUPPORT

- T For all GEDORE tool trolleys and workbenches
- T Inclination adjustable
- T Writing surface 310 x 400 mm
- T Mounting material included
- T Delivery without decoration



Code	No.	O
5806860	1500 H 15	4,5

1500 H 16

SMALL-PARTS DRAWER FOR TOOL TROLLEYS

- T To place on top of existing drawers of tool trolleys, additional surface for small parts
- T Suitable for tool trolleys and workbenches in combination with modules 1500 ES: 2003, 2500, 3000, B 1500, 1502, 1504, 1505
- T Suitable for tool trolleys and workbenches without using modules 1500 ES: 1580, 2000, 3010
- T Tool trolley 2004: suitable for drawer height 137 and 207 mm, for 67 mm not in combination with 1500 ES
- T Delivery without decoration



Code	No.	/
1761129	1500 H 16	700

STAND ASHTRAY

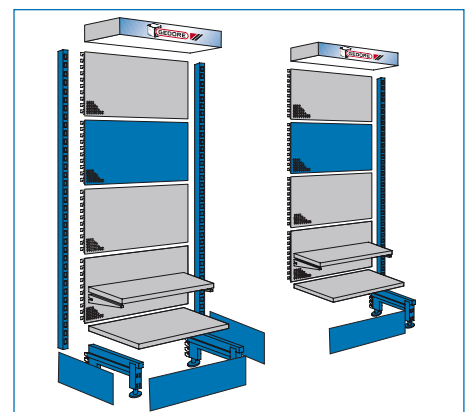
1500 ST

STAND ASHTRAY

- T Sturdy design in powder-coated sheet steel



Code	No.	L	W	H	O	I
1531468	1500 ST	200	200	630	5.1	1





GEDORE

PRECISE AND DURABLE QUALITY WITH PROFILE

OVERVIEW

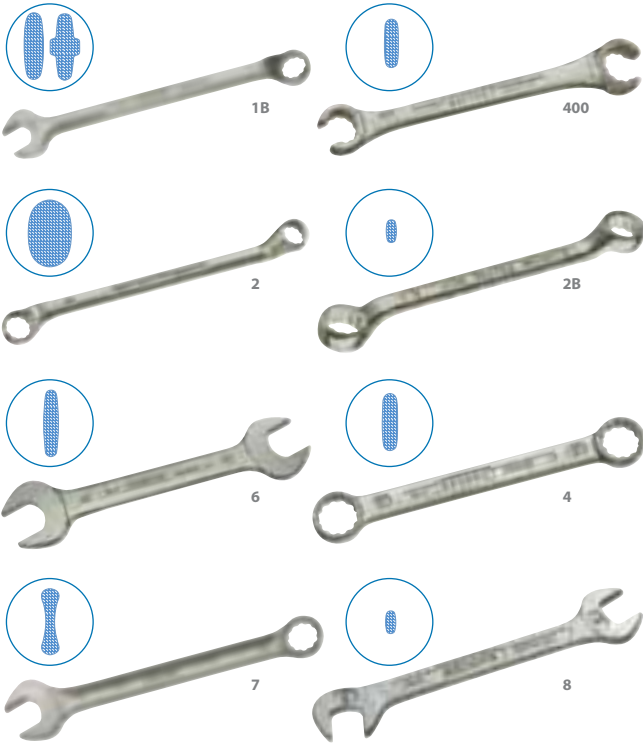
- ┆ Combination Spanners
- ┆ Slogging Spanners
- ┆ Ring Spanners
- ┆ Socket Wrenches
- ┆ Open Ended Spanners
- ┆ Crowfoot Spanners
- ┆ Hook Spanners
- ┆ Pin Spanners







HIGH PROFILE SPANNERS

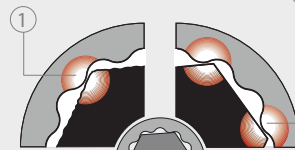


- T Comfortable to hold due to ergonomic profiles without sharp edges
- T Optimum cross-section for secure grip, even with oily hands
- T High bending strength
- T Carefully forged and professionally machined
- T Non-dazzling matt chrome finish
- T Large selection in standardised and non-standardised, metric and imperial sizes (AF and Whitworth)

UNIT DRIVE profile protects bolt heads



The wave form of the profile enlarges the spanner grip in every case - even with bolts whose dimensions are outside the tolerance range.



2 The force works only on the flanks of the bolt heads. This means that the edges cannot be deformed and the bolt is effectively protected.

The contact surface between the spanner and the bolt head is markedly increased due to the wave form. It permits an even distribution of the pressure so that the greatest force is applied.

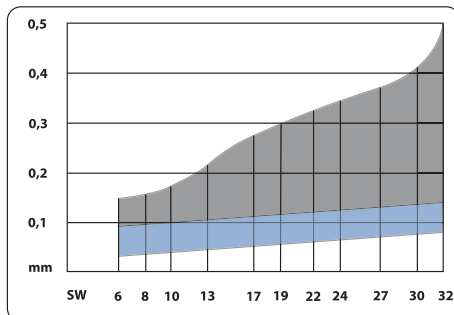


4 The profile ensures an especially-protective transfer of force. And with this, even damaged bolt heads may be gripped and turned.



THE KEY TO SUCCESS

Hi-tech for the exact rated size

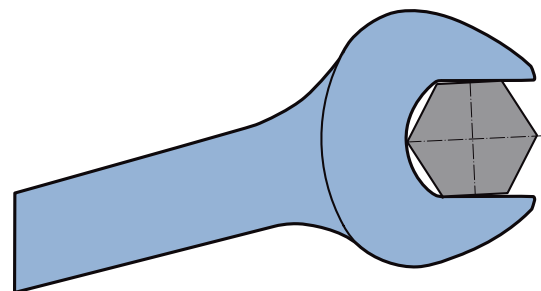


GEDORE DIN standard SW = spanner size

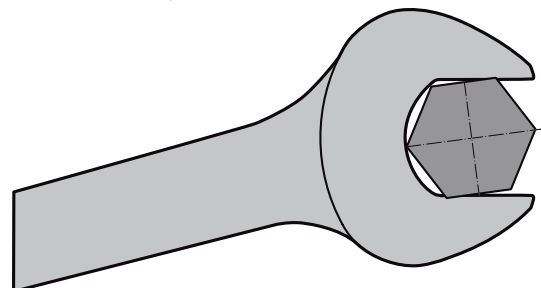


Open-ended spanners have been made since the dawn of technology. But the continued use of traditional tools does not automatically mean that they are still manufactured by conventional production processes. Tried and tested production stages are subject to continuous development by our workforce. Where modern technology can to permanently improve the quality, it is used. GEDORE grinds the spanner jaws to the exact rated size, using a hi-tech grinding machine. A perfect fit is the most important requirement for non-damaging and safe working.

- T Precision dimensions ensure secure nut and bolt grip
- T Long life of nut and bolt
- T Complete transmission of the available torque
- T Top quality for better working safety



Tolerances achieved by GEDORE



Tolerances permitted by DIN standards



WHY THREE DIFFERENT COMBINATION SPANNERS?

The variety of nut and bolt tightening situations that occur in practice means that more than one single combination spanner is required. The spanner has to be properly matched to the intended purpose and the type of screwed joint. GEDORE therefore supplies three different types of combination spanner.

No. 7 "Handy"

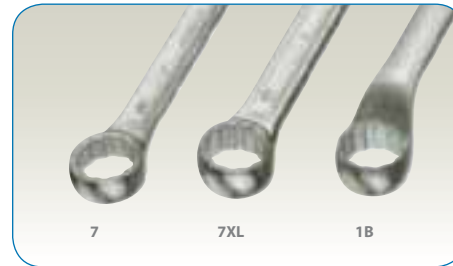
- T Slim jaws
- T Ring angle 15°, UD profile, slim ring
- T Designed for universal use.

No. 7 XL "Long and extra strong"

- T Tough jaws with thin walls
- T Ring angle 15°, UD profile, reinforced deep ring
- T Ideally suited to extremely tight, high-torque screwed joints.

No. 1B "The strong multi-talent"

- T Ribbed open end for added strength
- T Ring offset at 10°, UD profile, slim, deep ring
- T The offset ring ensures a better grip on deep-seated nuts or bolts. Originally used in mechanical engineering or all situations where nuts or bolts are inset in counterbores.



THE PRODUCTION OF A SPANNER

From the blank to the final product
Quality Comes into Existence - Step by Step



... High-Quality Steel
Highly-efficient eccentric presses cut the blank for an open-ended spanner from high-quality flat steel.



... Thermally Hardened
Using a thermal special treatment, increases to maximum hardness - a guarantee of a long service life.



... Carefully Smoothed
Any corners and edges still remaining are smoothed off by vibratory grinding, until the heads and the shaft are absolutely clean and free of burrs. The heads are additionally ground.



... Hot Forging Process
In the pusher furnace, the blank is heated up to the exact pre-selected temperature and enters the forge while still red hot. The steel is given its form under the multi-ton blows of the drop hammer.



... Precisely Ground
The jaws of the spanners are given their exact dimensions only after the hardening process. For this purpose, a highly-technical grinding robot has been developed - specially for this operation.

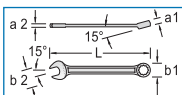


... Extensively Treated
The extensive electroplating treatment gives the spanners an effective surface protection and a perfect appearance. With this process, an efficient recycling plant guarantees that the environment will not be affected.



**7****COMBINATION SPANNER with same size each end**

- T Acc. to DIN 3113 Form A, ISO 3318, ISO 7738 (only metric sizes)
- T GEDORE vanadium steel 31CrV3, chrome-plated
- T With same size each end
- T Ring 15° offset from shaft
- T Sizes 3 to 5.5 with hexagon ring
- T * not standardised

3

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promotions and trade fairs
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Code	No.	*	L	a ₁	a ₂	b ₁	b ₂	/	l	
6080680	7 3	*	y	78	2.8	2.8	6.5	9.2	8	5
6080760	7 3,2	*		78	2.8	2.8	6.5	9.2	8	5
6080840	7 3,5	*		78	2.8	2.8	6.5	9.2	8	5
6080920	7 4	*		85	3.2	3.2	7.7	11.8	10	5
6081060	7 4,5	*		85	3.2	3.2	7.7	11.8	10	5
6081140	7 5	*		92	3.6	3.6	9.7	13.2	12	10
6081220	7 5,5	*		92	3.6	3.6	9.7	13.2	12	10
6089550	7 6	n		100	5.0	3.4	10.0	16.2	12	10
6089630	7 7			110	5.5	3.6	11.5	17.5	15	10
6089710	7 8			120	6.0	3.8	12.7	19.8	20	10
6089980	7 9			130	6.5	4.0	14.0	21.5	32	10
6090050	7 10			140	7.0	4.2	15.5	23.0	34	10
6090130	7 11			150	7.5	4.5	17.0	26.0	45	10
6090210	7 12			160	8.0	4.8	18.5	27.5	50	10
6090480	7 13			170	8.5	5.0	19.5	30.0	65	10
6090560	7 14			180	9.0	5.2	21.0	31.8	73	10
6090640	7 15			190	9.5	5.5	22.5	34.0	90	10
6091610	7 16			200	10.0	5.8	23.0	35.0	120	10
6090720	7 17			210	10.5	6.0	25.0	38.0	105	10
6091880	7 18			220	11.0	6.2	26.0	40.0	165	10
6090800	7 19			230	11.5	6.5	28.0	42.0	150	10
6091960	7 20	*		240	12.0	6.8	29.0	44.2	220	10
6092180	7 21			252	12.5	7.0	30.0	45.5	250	10
6090990	7 22			262	13.0	7.2	32.0	48.0	215	10
6092260	7 23	*		270	13.5	7.6	33.0	49.5	335	10
6091020	7 24			282	14.0	8.0	35.0	52.5	295	10
6092340	7 25	*		290	14.5	8.2	36.0	54.5	410	10
6092420	7 26	*		302	15.0	8.2	37.0	56.5	450	10
6091100	7 27			310	15.5	8.5	39.0	59.5	400	10
6092500	7 28	*		320	16.0	8.8	40.0	60.0	440	10
6092690	7 29	*		330	16.5	8.8	41.5	61.5	500	10
6091290	7 30			340	17.0	9.0	43.0	63.0	544	10
6091370	7 32			380	18.0	9.5	46.0	67.5	624	10
1827987	7 34			420	19.0	10.0	49.0	72.0	750	1
6089470	7 36			460	20.0	10.5	52.0	75.0	880	1

Code	No.	n	L	a ₁	a ₂	b ₁	b ₂	/	l
1436767	7 3/16AF	n	85	3.2	3.2	7.7	11.8	12	1
1436775	7 7/32AF		92	3.6	3.6	9.7	13.2	12	1
6098700	7 1/4AF		100	5.0	3.4	10.0	16.2	14	1
6098890	7 5/16AF		120	6.0	3.8	12.7	19.8	20	1
6098970	7 11/32AF		130	6.5	4.0	14.0	21.5	30	1
6099190	7 3/8AF		140	7.0	4.2	15.5	23.0	45	1
6099270	7 7/16AF		150	7.5	4.5	17.0	26.0	45	1
6099430	7 1/2AF		170	8.5	5.0	19.5	30.0	50	1
6099510	7 9/16AF		180	9.0	5.2	21.0	31.8	65	1
6099780	7 5/8AF		200	10.0	5.8	23.0	35.0	75	1
6099860	7 11/16AF		220	11.0	6.2	26.0	40.0	100	1
6099940	7 3/4AF		230	11.5	6.5	28.0	42.0	135	1
6100030	7 13/16AF		252	12.5	7.0	30.0	45.5	180	1
6100110	7 7/8AF		262	13.0	7.2	32.0	48.0	190	1
6100380	7 15/16AF		282	14.0	8.0	34.0	52.5	240	1
6100460	7 1AF		302	15.0	8.2	36.0	56.5	300	1

7**COMBINATION SPANNER SET**

- T Selection of sizes most in use
- T WVH = Set in tool holder

3

Code	No.	/	l
6092770	7-08	990	1
	10 12 13 14 17 19 22 24		
6092850	7-080	525	1
	8 9 10 11 13 14 17 19		
1751220	WVH 7-080	750	1
	8 9 10 11 13 14 17 19		
6093070	7-011	880	1
	8 9 10 11 12 13 14 15 17 19 22		
6096090	7-0110	500	1
	7 8 10 11 12 13 14 16 17 18 19		
6091530	7-0112	700	1
	6 7 8 9 10 11 12 13 14 15 17 19		
6093150	7-012	2600	1
	10 11 12 13 14 17 19 22 24 27 30 32		
6093580	7-017	1700	1
	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		
6093660	7-020	3600	1
	8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 30 32		
6093740	7-026	5000	1
	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		
6091450	7-08 A	1000	1
	3/8 7/16 1/2 9/16 5/8 3/4 7/8 1"		





7 XL

COMBINATION SPANNER with same size each end, extra long

- T Similar to DIN 3113
- T GEDORE vanadium steel 31CrV3, chrome-plated
- T With same size each end, ring offset at 15°

3



Code	No.	L	a ₁	a ₂	b ₁	b ₂	/	l
1394916	7 XL 7	160	6.5	4.0	12.5	18.5	40	10
6080090	7 XL 8	170	7.0	4.5	13.5	20.8	40	10
6080170	7 XL 9	180	7.5	4.5	14.5	22.5	50	10
6097300	7 XL 10	190	8.5	5.0	16.0	24.0	70	10
6097490	7 XL 11	200	9.0	5.5	17.5	27.0	70	10
6100540	7 XL 12	210	10.0	5.5	19.0	28.5	70	10
6100620	7 XL 13	225	10.5	6.0	20.0	31.0	90	10
6100700	7 XL 14	235	10.8	6.5	22.0	32.8	90	10
6100890	7 XL 15	250	11.2	7.0	23.0	35.0	110	10
6080250	7 XL 16	265	11.8	7.5	24.8	36.0	175	10
6100970	7 XL 17	280	12.2	8.5	26.0	39.0	135	10
6080330	7 XL 18	295	13.2	8.5	27.8	41.0	240	10
6101000	7 XL 19	310	14.2	9.5	29.0	43.0	200	10
6080410	7 XL 21	340	14.2	9.5	32.5	46.5	340	10
6101190	7 XL 22	350	16.2	11.0	33.5	49.0	260	10
1436783	7 XL 23	375	17.2	11.5	35.0	50.0	470	10
6101270	7 XL 24	400	18.2	12.0	36.5	53.5	370	10
6101350	7 XL 27	450	20.2	13.0	40.5	60.5	500	10
6101780	7 XL 30	480	21.2	14.0	44.5	64.0	900	1
6101430	7 XL 32	500	22.2	14.0	47.5	69.0	730	1
6101860	7 XL 33	520	23.2	15.0	48.0	72.0	1200	1
6101940	7 XL 34	520	23.2	15.0	50.5	72.0	1200	1
6101510	7 XL 36	550	24.2	15.0	53.0	76.0	1200	1
6102080	7 XL 41	600	26.0	16.0	62.0	84.5	2000	1
6102160	7 XL 46	640	28.0	17.0	70.0	96.0	2800	1



7 XL

COMBINATION SPANNER SET extra long

- T Best selling sizes

3



Code	No.	/	l
6104880	7 XL-080 8 9 10 11 13 14 17 19	940	1
6104960	7 XL-0111 8 10 11 12 13 14 16 17 18 19 22	1930	1
6095950	7 XL-012 10 11 12 13 14 17 19 22 24 27 30 32	5000	1

7 R

OPEN ENDED SPANNER WITH RING RATCHET

- T Flat pattern
- T Fine-toothed (72 teeth) for ratchet loosening and fast tightening
- T High torque transfer
- T In combination with adaptor 618 (order separately) the spanner 7 R 10 mm can be used as a 1/4" bit ratchet

3



Code	No.	L	a ₁	a ₂	b ₁	b ₂	/	l
6081300	7 R 8	140.0	6.5	4.0	16.6	16.7	30	5
6081490	7 R 9	150.0	6.9	4.4	18.5	18.8	40	5
6081570	7 R 10	159.0	7.3	4.8	20.0	20.8	43	5
6081650	7 R 11	165.0	7.7	5.2	21.5	23.0	55	5
6081730	7 R 12	172.0	8.2	5.5	22.6	25.0	63	5
6081810	7 R 13	178.0	8.6	5.8	24.6	27.1	73	5
6082030	7 R 14	191.0	9.0	6.2	27.0	29.2	92	5
6082110	7 R 15	200.0	9.4	6.5	28.3	31.3	108	5
6082380	7 R 16	208.5	9.9	6.8	30.0	33.4	119	5
6082460	7 R 17	226.0	10.3	7.2	32.0	35.5	147	5
6082540	7 R 18	237.0	10.7	7.7	33.0	37.6	171	5
6082620	7 R 19	248.0	11.2	8.2	34.0	39.7	193	5
1673319	7 R 22	290.0	13.0	9.0	40.0	46.0	325	1
1673327	7 R 24	323.0	14.5	10.0	46.0	52.2	465	1
1827995	7 R 27	359.0	15.5	10.5	52.5	56.5	676	1
1828002	7 R 30	403.0	17.0	11.4	58.5	59.0	909	1
1828010	7 R 32	425.0	17.5	12.5	62.5	63.2	1056	1

Code	No.	L	a ₁	a ₂	b ₁	b ₂	/	l	G
1995863	7 R 1/4AF	127.5	6.3	3.9	14.0	15.0	24	1	G
1995871	7 R 5/16AF	140.0	6.5	4.0	16.6	16.7	30	1	G
1995898	7 R 3/8AF	159.0	7.3	4.8	20.0	20.8	48	1	G
1995901	7 R 7/16AF	165.0	7.7	5.2	21.8	23.0	58	1	G
1995928	7 R 1/2AF	178.0	8.6	5.8	24.7	27.1	80	1	G
1995936	7 R 9/16AF	191.0	9.0	6.2	27.0	29.2	98	1	G
1995944	7 R 5/8AF	208.0	9.9	6.8	30.0	33.4	140	1	G
1995952	7 R 3/4AF	248.0	11.2	8.2	33.8	39.7	206	1	G
1995960	7 R 7/8AF	290.0	13.0	9.0	40.0	46.0	350	1	G
1995979	7 R 1AF	323.0	14.5	10.0	46.0	52.2	496	1	G
1995987	7 R 1.1/16AF	359.0	15.5	10.5	52.5	56.5	660	1	G
1995995	7 R 1.1/8AF	403.0	17.0	11.4	58.5	62.7	876	1	G
1996002	7 R 1.1/4AF	425.0	17.5	12.5	62.5	66.4	1100	1	G

7 R-005

OPEN ENDED SPANNERS WITH RING RATCHET SET 5 pieces

- T In plastic case
- T Most used sizes combined in a set



Code	No.	/	l
1710974	7 R-005 8 10 13 17 19	950	1



7 R-012

OPEN ENDED SPANNERS WITH RING RATCHET SET 12 pieces

- T All usual sizes combined in a set
- T In sheet metal case
- T Dimensions: 315 x 181 x 40 mm



Code	No.	/	l
1669605	7 R-012 8 9 10 11 12 13 14 15 16 17 18 19	2650	1

7 UR-012

COMBINATION RATCHET SPANNER SET 12 pieces

- T Most used sizes in sheet metal case
- T Dimensions: 315 x 181 x 40 mm

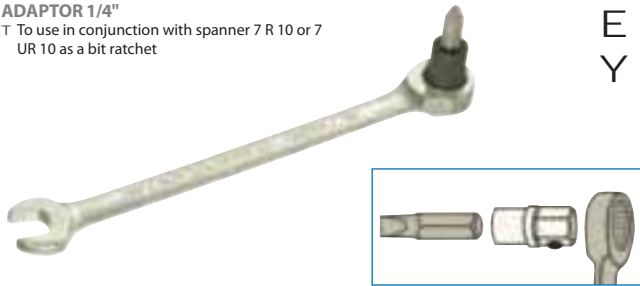


Code	No.	/	l
1669230	7 UR-012 8 9 10 11 12 13 14 15 16 17 18 19	2650	1

618

ADAPTOR 1/4"

- T To use in conjunction with spanner 7 R 10 or 7 UR 10 as a bit ratchet



E
Y

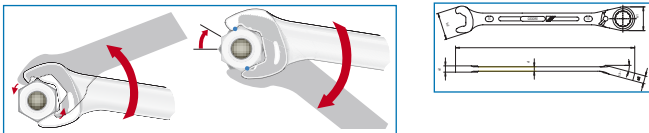
Code	No.	- "	- "	l	/	l
1436791	618	1/4	6.3	10	20	10



7 UR

COMBINATION RATCHET SPANNER

- T Ring offset (13°) with fine toothed ring ratchet (72 teeth), with lever change
- T In combination with adaptor 618 (order separately) the spanner 7 UR 10 mm can be used as a 1/4" bit ratchet



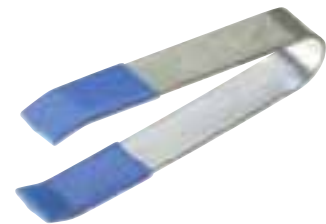
Code	No.	L	a ₁	a ₂	b ₁	b ₂	/	l
1643045	7 UR 8	136	6.5	4.6	16.6	16.7	35	1
1643053	7 UR 9	145	6.9	4.9	18.4	18.8	44	1
1643061	7 UR 10	154	7.3	5.3	20.0	20.8	57	1
1643088	7 UR 11	160	7.7	5.6	21.8	23.0	66	1
1643096	7 UR 12	165	8.2	6.0	22.7	25.0	76	1
1643118	7 UR 13	171	8.6	6.4	24.7	27.1	89	1
1643126	7 UR 14	183	9.0	6.8	27.0	29.2	107	1
1643142	7 UR 15	192	9.4	7.0	28.3	31.3	119	1
1643150	7 UR 16	200	9.9	7.2	30.0	33.4	150	1
1643169	7 UR 17	216	10.3	7.7	31.8	35.5	164	1
1643177	7 UR 18	227	10.7	8.2	32.6	37.6	194	1
1643185	7 UR 19	238	11.2	8.8	33.8	39.7	225	1
1821784	7 UR 22	281	13.0	9.0	40.0	46.0	360	1
1821792	7 UR 24	311	14.5	10.0	46.0	52.2	510	1

PRACTICAL HELPERS

635

PICKUP TOOL FOR BITS

- T Practical pickup tool for easy bit changing without damaging the profiles
- T Suitable for 4 mm, 6.3 mm (1/4") and 8 mm (5/16") bits
- T Protects hands and bit profiles
- T No more slipping with oily or damp fingers, even with bits deeply recessed in the bit holder



Code	No.	/	l	G
2000253	635		1	G



637

RETAINING CLIP FOR NUTS

- T With magnetic holder
- T Suitable for open ended and flat ring spanners size 10-19 mm

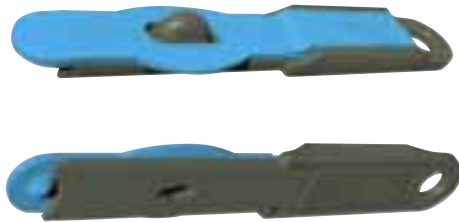


Code	No.	/	l
1834150	637	6	1

639

COMBINATION HOLDING TOOL

- T Small helper to hold nuts and washers in barely-accessible places
- T For thread sizes from M3 to M8



Code	No.	L	W	H	/	l
1640852	639	110	19.2	9.7	13	1



649

MINIATURE LED LAMP with swivel end in plastic box

- T With swivel end, magnetic
- T Supplied with batteries in black plastic box, 106 x 60 x 24 mm



Code	No.	/	l
1646451	649	60	1

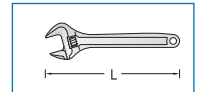


OPEN ENDED SPANNERS

60 CP

ADJUSTABLE WRENCH open end, chrome-plated

- T To DIN 3117 Form A
- T Jaw set at 15°
- T Swedish pattern, roller with left hand thread
- T With scale

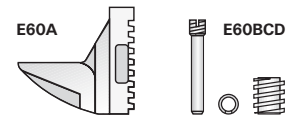


Code	No.	Size "	L	O	—	9	/	l
6380990	60 CP 6	6	155	20	25/32	0-20	150	1
6381020	60 CP 8	8	205	25	1	0-25	250	1
6381100	60 CP 10	10	255	30	1.3/16	0-30	450	1
6381290	60 CP 12	12	305	36	1.7/16	0-36	700	1

E-60

SPARE PARTS FOR 60 CP

- T A = Jaw, BCD = Pin + Spring + Knurl



Code	No.	/	l
5360830	E-60 CP-A 6	15	1
5360910	E-60 CP-A 8	35	1
5361050	E-60 CP-A 10	55	1
5361130	E-60 CP-A 12	100	1
5360080	E-60 P-A 6	20	1
5360160	E-60 P-A 8	40	1
5360240	E-60 P-A 10	70	1
5360320	E-60 P-A 12	100	1
5360400	E-60 BCD 6	5	1
5360590	E-60 BCD 8	10	1
5360670	E-60 BCD 10	20	1
5360750	E-60 BCD 12	25	1



60 P - 62 P

ADJUSTABLE WRENCH open end, phosphated

- T Sizes 6" - 18" DIN 3117 Form A, jaw set at 15°
- T Size 24" = DIN 3117 Form B, jaw set at 22,5°
- T Swedish pattern, roller with left hand thread
- T No. 60 P with scale

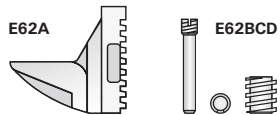


Code	No.	Size"	L	Ø	Ø	/	l
6380560	60 P 6	6	155	20	25/32	0-20	150 1
6380640	60 P 8	8	205	25	1	0-25	250 1
6380720	60 P 10	10	255	30	1.3/16	0-30	450 1
6380800	60 P 12	12	305	36	1.7/16	0-36	700 1
6368430	62 P 15	15	380	43	1.11/16	-	1050 1
6368510	62 P 18	18	455	53	2.1/16	-	1570 1
6360880	62 P 24	24	610	63	2.1/2	-	3480 1

E-62

SPARE PARTS FOR 60 P

- T A = Jaw, BCD = Pin + Spring + Knurl



Code	No.	/	l
5368490	E-62 P-A 15	150	1
5368570	E-62 P-A 18	250	1
5374460	E-62 P-A 24	390	1
5367680	E-62 BCD 15	35	1
5367760	E-62 BCD 18	50	1
5374540	E-62 BCD 24	80	1



60 S

ADJUSTABLE WRENCH open end

- T To DIN 3117 Form A, jaw set at 15°
- T Swedish pattern, adjuster wheel with left-hand thread
- T Includes adjustment scale
- T The protected mechanism and additional striking face allow light blows to be applied without impairing the function of the wrench
- T Comfort grip from the GEDORE Design Studio
- T Grip recess ensures secure hold - even with greasy hands
- T Plastic handle (versions JC and JP) for fatigue-free working
- T Hanging hole
- T Version C nickel and chrome plated, head ground
- T Version P manganese phosphated, head ground
- T Version JP and JC complete with plastic handle
- T Patent registered



Code	No.	Size"	y	/	l	G
1966294	60 S-8 P	8	206.5	340	1	G
1966308	60 S-8 JP	8	206.5	360	1	G
1966316	60 S-8 C	8	206.5	340	1	G
1966324	60 S-8 JC	8	206.5	360	1	G

625

MAGNETO SPANNER SET 11 pieces

- T Contents: 8 open ended spanners, 1 contact file, 1 screwdriver, 1 feeler gauge 0.40 mm



Code	No.	/	l
6524820	625 M	50	1
	4 4,5 5 5,5 6 6,5 7 7,5		
6524900	625 A	60	1
	3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16"		

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 ... www.gedore.com





6

DOUBLE OPEN ENDED SPANNER SET

T Sets of the most used sizes
 T H = set in stable plastic holder
 T VVH = set in tool holder



Code	No.	/	l
6076810	6-6 6x7 8x9 10x11 12x13 14x15 16x17	350	1
6077380	6-8 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	750	1
6077540	6-10 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27	1300	1
6077620	6-100 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 24x27 30x32	1250	1
6077700	6-12 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32	2050	1
6077890	6-120 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32	2150	1
6078350	6-122 ISO 6x7 8x9 10x11 12x13 14x15 16x18 17x19 20x22 21x23 24x26 27x32 30x34	2600	1
6079400	H 6-8 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	900	1
1754688	VVH 6-8 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	980	1
6079670	H 6-12 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32	2350	1
6079750	H 6-120 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32	2200	1
6078000	6-600 A 3/8x7/16 1/2x9/16 5/8x11/16 3/4x25/32 13/16x7/8 15/16x1"	850	1
6078270	6-8 A 1/4x5/16 5/16x3/8 7/16x1/2 9/16x5/8 19/32x11/16 3/4x25/32 13/16x7/8 15/16x1"	950	1
6078510	6-12 A 1/4x5/16 5/16x3/8 3/8x7/16 7/16x1/2 1/2x9/16 9/16x5/8 19/32x11/16 5/8x3/4 3/4x7/8 25/32x13/16 15/16x1 1.1/16x1.1/8"	1650	1

8

DOUBLE ENDED MIDGET SPANNER small

T With same size each end, flat, rings offset at 15° and 75°
 T GEDORE vanadium steel 31CrV3, chrome-plated



Code	No.	L	a	b	/	l
6093900	8 4	69.0	2.2	10.4	7	10
6094040	8 4,5	69.0	2.2	10.4	7	10
6094120	8 5	77.3	2.2	12.4	7	10
6094200	8 5,5	77.3	2.2	12.4	10	10
6094390	8 6	77.3	2.2	12.4	10	10
6094470	8 7	89.5	2.6	14.8	10	10
6094550	8 8	95.5	3.1	17.5	15	10
6094630	8 9	103.8	3.1	20.2	15	10
6094710	8 10	103.8	3.1	20.2	20	10
6094980	8 11	115.2	3.1	24.0	20	10
6095010	8 12	115.2	3.1	24.0	35	10
6095280	8 13	130.5	3.1	28.0	35	10
6095360	8 14	130.5	3.1	28.0	35	10

Code	No.	L	a	b	/	l	G
6096170	8 5/32AF	69.0	2.2	10.4	7	1	G
1965190	8 3/16AF	69.0	2.2	10.4	5	1	G
1965204	8 7/32AF	77.3	2.2	12.4	6	1	G
1965212	8 1/4AF	77.3	2.2	12.4	8	1	G
1965220	8 9/32AF	89.5	2.6	14.8	12	1	G
1965239	8 5/16AF	95.5	3.1	17.5	13	1	G
1965247	8 11/32AF	103.8	3.1	20.2	15	1	G
6096920	8 3/8AF	103.8	3.1	20.2	16	1	G
1965255	8 7/16AF	115.2	3.1	24.0	20	1	G



8-0100

DOUBLE ENDED MIDGET SPANNER SET 10 pieces

T In blue plastic wallet



Code	No.	/	l
6099000	8-0100 5 5,5 6 7 8 9 10 11 12 13	180	1

8-011

DOUBLE ENDED MIDGET SPANNER SET 11 pieces

T In plastic case
 T With "Check-Tool-System": 2-colour plastic insert to check that the set is complete




Code	No.	/	l
1879146	8-011 4,5 5 5,5 6 7 8 9 10 11 12 13	280	1



4

FLAT RING SPANNER SET
 T Made up of sizes most in use

3


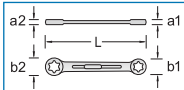


Code	No.	/	l
6061700	4-8 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	425	1
6062000	4-12 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32	1300	1
6062190	4-120 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32	1350	1

TX 4

FLAT RING SPANNER for protruding TORX® head screws
 T GEDORE vanadium steel 31CrV3, chrome-plated
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

9


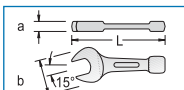



Code	No.	+	&	L	a ₁	a ₂	b ₁	b ₂	/	l
6059800	TX 4 E6xE8	M5 - M7	5,74 x 7,52	110	5.0	6.0	9.0	11.0	25	5
6059990	TX 4 E10xE12	M8 - M10	9,42 x 11,17	140	7.0	8.0	13.0	15.0	40	5
6060140	TX 4 E14xE18	M12 - M14	12,9 x 16,7	180	8.5	9.5	17.0	21.0	80	5
6060220	TX 4 E20xE24	M16 - M20	18,45 x 22,16	226	11.5	13.5	24.5	28.5	155	5

SLOGGING SPANNERS

133

OPEN ENDED SLOGGING SPANNER
 T For very heavy-duty work
 T To DIN 133 (only metric sizes)
 T Up to length 500 mm chrome-vanadium steel 31CrV3, above 525 mm material C35
 T Special sizes available on request
 T * not standardised

Code	No.	*	L	a	b	/	l
6410570	133 27		180	16.5	57.5	400	1
6400260	133 30		190	17.0	63.5	450	1
6400340	133 32		195	17.5	67.5	500	1
6411030	133 34		195	17.5	67.5	640	1
6400420	133 36		210	18.5	77.5	700	1
6400500	133 41		225	19.5	89.0	950	1
6400690	133 46		255	20.0	99.0	1300	1
6400770	133 50		280	21.5	108.0	1700	1
6400850	133 55		310	24.0	118.5	2250	1
6400930	133 60		320	24.5	129.5	2700	1
6401070	133 65		350	28.0	140.5	3300	1
6401150	133 70		370	30.0	151.0	3900	1
6401230	133 75		400	31.5	163.0	5250	1

Code	No.	*	L	a	b	/	l
6401310	133 80		405	34.5	174.0	6000	1
6401580	133 85		405	34.5	174.0	6100	1
6401660	133 90		455	39.0	195.0	8000	1
6401740	133 95		455	39.0	195.0	8100	1
6401820	133 100		500	47.0	227.0	13200	1
6401900	133 105		500	47.0	227.0	12900	1
6402040	133 110		500	47.0	227.0	12900	1
6402120	133 115		525	55.0	246.5	17200	1
6402200	133 120		525	55.0	246.5	17250	1
6402390	133 125	*	545	50.0	255.0	17300	1
6402470	133 130		575	55.0	275.0	20000	1
6402550	133 135		575	55.0	275.0	20000	1
6402630	133 140	*	575	55.0	275.0	20000	1
6402710	133 145		640	60.0	305.0	28000	1
6402980	133 150		640	60.0	305.0	28000	1
6403010	133 155		640	60.0	305.0	28000	1
6403280	133 160	*	640	60.0	305.0	28000	1
6403360	133 165		715	70.0	342.0	35000	1
6403440	133 170		715	70.0	342.0	35000	1
6403520	133 175	*	715	70.0	342.0	35000	1

Code	No.	L	a	b	/	l
6403950	133 1AF	180	16.5	57.5	340	1
6404090	133 1.1/16AF	180	16.5	57.5	330	1
6404170	133 1.1/8AF	180	16.5	57.5	310	1
6404250	133 1.3/16AF	190	17.0	63.5	450	1
6404330	133 1.1/4AF	190	17.0	63.5	450	1
6404410	133 1.5/16AF	195	17.5	67.5	500	1
6404680	133 1.3/8AF	195	17.5	67.5	500	1
6404760	133 1.7/16AF	210	18.5	77.5	700	1
6404840	133 1.1/2AF	210	18.5	77.5	700	1
6404920	133 1.5/8AF	225	19.5	89.0	950	1
6405060	133 1.11/16AF	225	19.5	89.0	950	1
6405140	133 1.3/4AF	225	19.5	89.0	950	1
6405220	133 1.13/16AF	255	20.0	99.0	1300	1
6405570	133 1.7/8AF	255	20.0	99.0	1300	1
6405650	133 2AF	280	21.5	108.0	1700	1
6405730	133 2.1/16AF	280	21.5	108.0	1700	1
6407780	133 2.1/8AF	280	21.5	108.0	1700	1
6408160	133 2.3/16AF	310	24.5	118.5	2250	1
6408240	133 2.1/4AF	310	24.5	118.5	2250	1
6408320	133 2.3/8AF	320	24.5	129.5	2700	1
6408400	133 2.7/16AF	320	24.5	129.5	2700	1
6408590	133 2.9/16AF	350	28.0	140.5	3300	1
6408670	133 2.5/8AF	350	28.0	140.5	3300	1
6408750	133 2.3/4AF	370	30.0	151.0	3900	1
6408830	133 3AF	400	31.5	163.0	5250	1
6408910	133 3.1/8AF	405	34.5	174.0	6000	1
6409050	133 3.3/8AF	405	34.5	174.0	6100	1
6409130	133 3.1/2AF	455	39.0	195.0	8000	1
6409210	133 3.3/4AF	455	39.0	195.0	8100	1
6409480	133 3.7/8AF	500	47.0	227.0	12900	1
6409560	133 4AF	500	47.0	227.0	12900	1
6409990	133 4.1/8AF	500	47.0	227.0	12900	1
6410060	133 4.1/2AF	525	55.0	246.5	17200	1



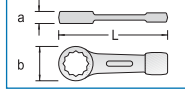
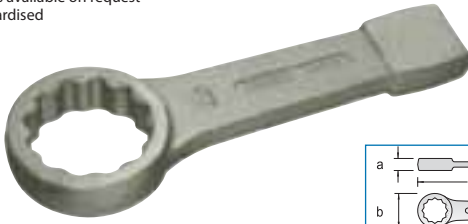


306

RING SLOGGING SPANNER

- T For very heavy-duty work
- T To DIN 7444 (only metric sizes)
- T Up to length 435 mm chrome-vanadium steel 31CrV3, above 480 mm C35
- T Special sizes available on request
- T * not standardised

3
2



Code	No.	*		L	a	b	/	l
6475000	306 24	*	∩	160	15.0	42.5	250	1
6475190	306 27			180	15.5	47.0	350	1
6475270	306 30			190	16.5	52.5	400	1
6475350	306 32			195	16.5	54.0	450	1
6481670	306 34			195	16.5	54.0	600	1
6475430	306 36			205	19.5	60.0	750	1
6474460	306 38	*		205	19.5	60.0	660	1
6475510	306 41			225	20.5	66.0	850	1
6475780	306 46			240	22.5	75.0	1050	1
6475860	306 50			250	23.5	80.0	1250	1
6475940	306 55			270	25.0	87.5	1550	1
6476080	306 60			270	26.0	93.5	1650	1
6476160	306 65		○	290	29.0	101.0	2300	1
6476240	306 70			320	32.5	109.5	2600	1
6476320	306 75			325	34.0	114.5	3350	1
6476400	306 80			345	35.0	123.0	3800	1
6476590	306 85			360	37.0	129.0	4200	1
6476670	306 90			400	41.5	152.0	5700	1
6476750	306 95			400	41.5	152.0	5700	1
6476830	306 100			400	41.5	152.0	5700	1
6476910	306 105			435	47.5	172.0	8500	1
6477050	306 110			435	47.5	172.0	8500	1
6477130	306 115			435	47.5	172.0	8500	1
6477210	306 120			480	54.0	182.0	10000	1
6477480	306 125	*		480	54.0	182.0	10000	1
6477560	306 130			520	58.0	202.0	13000	1
6477640	306 135			520	58.0	202.0	13000	1
6477720	306 140	*		520	58.0	202.0	13000	1
6477800	306 145			580	64.0	228.0	18000	1
6477990	306 150			580	64.0	228.0	18000	1
6478020	306 155			580	64.0	228.0	18000	1
6478100	306 160	*		580	64.0	228.0	18000	1
6478290	306 165			650	70.0	265.0	25000	1
6478370	306 170			650	70.0	265.0	25000	1
6478450	306 175	*		650	70.0	265.0	25000	1



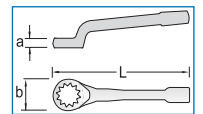
Code	No.		L	a	b	/	l
6474540	306 1AF	∩	160	15.0	42.5	250	1
6474620	306 1.1/16AF		185	15.5	48.5	350	1
6474700	306 1.1/8AF		185	15.5	48.5	350	1
6474890	306 1.3/16AF		190	16.5	52.5	400	1
6474970	306 1.1/4AF		190	16.5	52.5	400	1
6478530	306 1.5/16AF		195	16.5	54.0	450	1
6478610	306 1.3/8AF	○	195	16.5	54.0	450	1
6478880	306 1.7/16AF		205	19.5	60.0	750	1
6478960	306 1.1/2AF		205	19.5	60.0	750	1
6479180	306 1.5/8AF		225	20.5	66.0	850	1
6479260	306 1.11/16AF		225	20.5	66.0	850	1
6479340	306 1.3/4AF		225	20.5	66.0	850	1
6479420	306 1.13/16AF		240	22.5	75.0	1050	1
6479500	306 1.7/8AF		240	22.5	75.0	1050	1
6479690	306 2AF		250	23.5	80.0	1250	1
6479770	306 2.1/16AF		250	23.5	80.0	1250	1
6479850	306 2.1/8AF		250	23.5	80.0	1320	1
6479930	306 2.3/16AF		270	25.0	87.5	1550	1
6480000	306 2.1/4AF		270	25.0	87.5	1550	1
6480190	306 2.3/8AF		270	26.0	93.5	1650	1
6480270	306 2.7/16AF		270	26.0	93.5	1650	1
6480350	306 2.9/16AF		290	29.0	101.0	2300	1
6480430	306 2.5/8AF		290	29.0	101.0	2300	1
6480510	306 2.3/4AF		320	32.5	109.5	2600	1
6480780	306 3AF		325	34.0	114.5	3350	1
6480860	306 3.1/8AF		345	35.0	123.0	3800	1
6480940	306 3.3/8AF		360	36.0	126.0	3550	1
6481080	306 3.1/2AF		390	40.0	142.0	5430	1
6481160	306 3.3/4AF		400	41.5	152.0	5700	1
6481240	306 3.7/8AF		420	45.0	155.0	6800	1
6481320	306 4AF		420	45.0	155.0	6800	1
6481400	306 4.1/8AF		420	45.0	155.0	6300	1
6481590	306 4.1/2AF		450	48.0	170.0	7900	1

306 G

RING SLOGGING SPANNER DEEP OFFSET

- T For very heavy-duty work
- T To use with club hammer or pneumatic hammer for tightening or loosening

2



Code	No.		L	a	b	/	l
1415875	306 G 27		270	25.0	51.0	1100	1
1415913	306 G 30		270	25.0	51.0	1100	1
1415972	306 G 32		270	25.0	51.0	1100	1
1416014	306 G 36		310	30.0	67.0	1900	1
1416057	306 G 41		310	30.0	67.0	1880	1
1416111	306 G 46		340	35.0	79.0	3000	1
1416197	306 G 50		360	40.0	94.0	4150	1
1416227	306 G 55		360	40.0	94.0	4000	1
1416308	306 G 60		380	45.0	108.0	5500	1
1416332	306 G 65		380	45.0	108.0	5300	1
1416405	306 G 70		406	50.0	126.0	7300	1
1416456	306 G 75		406	50.0	126.0	7000	1
1416480	306 G 80		406	50.0	126.0	6800	1
1416537	306 G 85		459	57.0	151.0	10600	1
1416553	306 G 90		459	57.0	151.0	10640	1
1416588	306 G 95		459	57.0	151.0	10100	1
1416618	306 G 100		459	57.0	151.0	9700	1
1416642	306 G 105		510	68.0	172.0	16100	1
1416669	306 G 110		510	68.0	172.0	16100	1
1416685	306 G 115		510	68.0	173.0	16100	1



Code	No.	L	a	b	/	l
1415883	306 G 1.1/16AF	270	25.0	51.0	1100	1
1415948	306 G 1.1/8AF	270	25.0	51.0	1100	1
1415964	306 G 1.3/16AF	270	25.0	51.0	1100	1
1415980	306 G 1.1/4AF	270	25.0	51.0	1100	1
1416006	306 G 1.5/16AF	270	25.0	51.0	1100	1
1416049	306 G 1.3/8AF	310	30.0	67.0	1900	1
1416022	306 G 1.7/16AF	310	30.0	67.0	1900	1
1416065	306 G 1.1/2AF	310	30.0	67.0	1900	1
1416081	306 G 1.5/8AF	310	30.0	67.0	1900	1
1416138	306 G 1.11/16AF	340	35.0	79.0	3000	1
1416154	306 G 1.3/4AF	340	35.0	79.0	3000	1
1416170	306 G 1.13/16AF	340	35.0	79.0	3000	1
1416189	306 G 1.7/8AF	340	35.0	79.0	3000	1
1416200	306 G 1.15/16AF	360	40.0	94.0	4150	1
1416235	306 G 2AF	360	40.0	94.0	4150	1
1416278	306 G 2.1/16AF	360	40.0	94.0	4150	1
1416251	306 G 2.1/8AF	360	40.0	94.0	4150	1
1416286	306 G 2.3/16AF	360	40.0	94.0	4150	1
1416294	306 G 2.1/4AF	360	40.0	94.0	4150	1
1416316	306 G 2.5/16AF	380	45.0	108.0	5500	1
1416359	306 G 2.3/8AF	380	45.0	108.0	5500	1
1416375	306 G 2.1/2AF	380	45.0	108.0	5500	1
1416383	306 G 2.9/16AF	380	45.0	108.0	5500	1
1416391	306 G 2.5/8AF	380	45.0	108.0	5500	1
1416413	306 G 2.3/4AF	406	50.0	126.0	7300	1
1416464	306 G 2.7/8AF	406	50.0	126.0	7300	1
1416499	306 G 2.15/16AF	406	50.0	126.0	7300	1
1416510	306 G 3AF	406	50.0	126.0	7000	1
1416529	306 G 3.1/8AF	406	50.0	126.0	7000	1
1416545	306 G 3.3/8AF	459	57.0	151.0	10600	1
1416561	306 G 3.1/2AF	459	57.0	151.0	10600	1
1416596	306 G 3.3/4AF	459	57.0	151.0	10600	1
1416626	306 G 3.7/8AF	459	57.0	151.0	10600	1
1416634	306 G 4AF	459	57.0	151.0	10600	1
1416650	306 G 4.1/8AF	510	68.0	172.0	16100	1
1416677	306 G 4.1/4AF	510	68.0	172.0	16100	1
1416693	306 G 4.1/2AF	510	68.0	172.0	16100	1
1416707	306 G 4.5/8AF	510	68.0	172.0	16100	1

Code	No.	L	a	b	/	l
1415905	306 G 9/16W	270	25.0	51.0	1100	1
1415891	306 G 5/8W	270	25.0	51.0	1100	1
1415956	306 G 11/16W	270	25.0	51.0	1100	1
1415999	306 G 3/4W	270	25.0	51.0	1100	1
1416030	306 G 13/16W	310	30.0	67.0	1900	1
1416073	306 G 7/8W	310	30.0	67.0	1900	1
1416103	306 G 15/16W	310	30.0	67.0	1900	1
1416146	306 G 1W	340	35.0	79.0	3000	1
1416162	306 G 1.1/8W	340	35.0	79.0	3000	1
1416219	306 G 1.1/4W	360	40.0	94.0	4150	1
1416243	306 G 1.3/8W	360	40.0	94.0	4150	1
1416324	306 G 1.1/2W	380	45.0	108.0	1900	1
1416367	306 G 1.5/8W	380	45.0	108.0	5500	1
1416448	306 G 1.3/4W	406	50.0	126.0	7300	1
1416472	306 G 1.7/8W	406	50.0	126.0	7300	1
1416502	306 G 2W	406	50.0	126.0	6800	1



DEEP RING SPANNERS / SINGLE ENDED RING SPANNERS

308

DEEP RING SPANNER straight pattern

- T To DIN 3111
- T In heat-treated steel as per DIN 17200, shotblast finish
- T Further sizes available on request

2



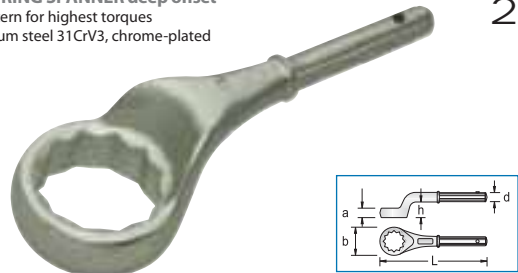
Code	No.	L	a	b	/	l
6481750	308 32	265	19.0	49.0	350	1
6481830	308 36	295	22.0	56.0	500	1
6481910	308 41	330	25.0	63.5	750	1
6482050	308 46	365	27.0	70.5	950	1
6482130	308 50	400	28.0	77.0	1200	1
6482210	308 55	445	29.5	83.5	1600	1
6482480	308 60	475	30.0	89.5	1800	1
6482560	308 65	510	32.0	97.0	2700	1

2 A

SINGLE ENDED RING SPANNER deep offset

- T Heavy-duty pattern for highest torques
- T GEDORE vanadium steel 31CrV3, chrome-plated

2



Code	No.	L	a	b	d	h	/	l
6033840	2 A 24	180	17.0	38.0	18.3	29.0	350	1
6033920	2 A 27	190	17.4	42.0	18.3	31.5	400	1
6034060	2 A 30	200	18.4	47.0	18.3	33.0	450	1
6034140	2 A 32	235	18.4	50.0	21.3	34.0	550	1
6030150	2 A 34	235	18.4	50.0	21.3	34.0	650	1
6034220	2 A 36	245	20.0	55.0	21.3	35.0	650	1
6034300	2 A 41	265	22.0	61.5	21.3	39.0	750	1
6034490	2 A 46	280	23.0	68.5	24.1	40.0	1050	1
6034570	2 A 50	290	25.5	75.0	24.1	42.0	1150	1
6034650	2 A 55	300	28.0	80.0	24.1	45.0	1400	1
6034730	2 A 60	345	30.5	89.0	29.1	49.0	2100	1
6034810	2 A 65	355	33.0	97.0	29.1	53.0	2300	1
6035030	2 A 70	365	35.5	104.0	29.1	55.0	2600	1
6035110	2 A 75	375	38.0	109.0	29.1	57.5	3000	1
6035380	2 A 80	385	40.5	124.0	29.1	59.0	3450	1
6035460	2 A 85	385	40.5	124.0	29.1	59.0	3800	1
6035540	2 A 90	410	45.0	140.0	29.1	63.0	4875	1
6035620	2 A 95	410	45.0	140.0	29.1	63.0	4565	1

2 AR

EXTENSION TUBE

- T For ring spanner No. 2 A, steel tube, chrome-plated



Code	No.	Internal-Ø	l	y	/	l
6048600	2 AR 0	19	24-30	460	600	1
6048790	2 AR 1	22	32-41	610	1150	1
6048870	2 AR 2	25	46-55	760	2150	1
6048950	2 AR 3	30	60-95	860	2850	1



2 ATM

SINGLE ENDED RING SPANNER SET 19 pieces

T 15 spanners 2 A and 4 extension tubes on a sheet steel board fitted with hooks
T Dimensions: W 970 x H 740 mm



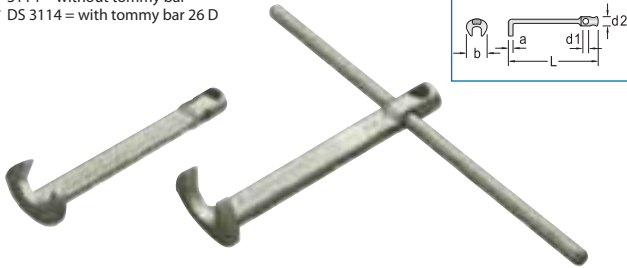
Code	No.	Ø	l
6049250	2 ATM 2 A 24 27 30 32 36 41 46 50 55 60 65 70 75 80 85 2 AR 0 1 2 3	44.5	1

CROWFOOT SPANNERS

3114 - DS 3114

CROWFOOT SPANNER

T 3114 = without tommy bar
T DS 3114 = with tommy bar 26 D



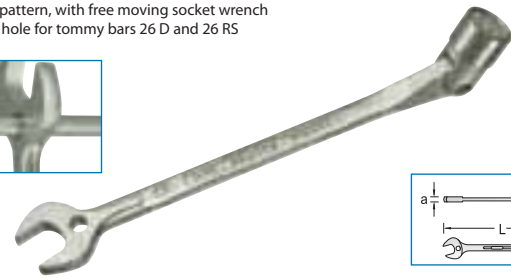
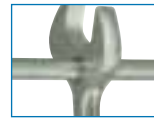
Code	No.	L	a	b	d ₁	d ₂	26 D	/	l
6670050	3114 13	160	5.5	28.0	8.5	13.8	-	100	1
6670130	3114 14	160	5.5	28.0	8.5	13.8	-	100	1
6676920	3114 16	200	6.0	33.0	10.5	16.8	-	170	1
6670210	3114 17	200	6.0	33.0	10.5	16.8	-	150	1
6677060	3114 18	200	7.0	37.0	12.5	19.6	-	220	1
6670480	3114 19	200	7.0	37.0	12.5	19.6	-	250	1
6677140	3114 21	200	8.0	42.0	12.5	19.6	-	260	1
6670560	3114 22	200	8.0	42.0	12.5	19.6	-	300	1
6670640	3114 24	250	9.0	46.0	14.5	23.6	-	450	1
6670720	3114 27	250	10.0	52.0	14.5	23.6	-	500	1
6670800	3114 30	250	11.0	57.0	16.5	27.6	-	650	1
6670990	3114 32	250	11.8	61.0	16.5	27.6	-	700	1
6671020	3114 36	315	12.8	68.0	19.0	31.5	-	1150	1
6671100	3114 41	315	14.0	76.0	19.0	31.0	-	1230	1
6671290	3114 46	315	15.0	85.0	21.0	34.0	-	1500	1
6671370	3114 50	315	15.0	92.0	21.0	34.0	-	1600	1
6672180	DS 3114 13	160	5.5	28.0	8.5	13.8	8	170	1
6672260	DS 3114 14	160	5.5	28.0	8.5	13.8	8	170	1
6677220	DS 3114 16	200	6.0	33.0	10.5	16.8	10	295	1
6672340	DS 3114 17	200	6.0	33.0	10.5	16.8	10	275	1
6677300	DS 3114 18	200	7.0	37.0	12.5	19.6	12	440	1
6672420	DS 3114 19	200	7.0	37.0	12.5	19.6	12	470	1
6677490	DS 3114 21	200	8.0	42.0	12.5	19.6	12	480	1
6672500	DS 3114 22	200	8.0	42.0	12.5	19.6	12	520	1
6672690	DS 3114 24	250	9.0	46.0	14.5	23.6	14	830	1
6672770	DS 3114 27	250	10.0	52.0	14.5	23.6	14	880	1
6672850	DS 3114 30	250	11.0	57.0	16.5	27.6	16	1270	1
6672930	DS 3114 32	250	11.8	61.0	16.5	27.6	16	1320	1
6673070	DS 3114 36	315	12.8	68.0	19.0	31.5	18	2150	1
6673150	DS 3114 41	315	14.0	76.0	19.0	31.0	18	2230	1
6673230	DS 3114 46	315	15.0	85.0	21.0	34.0	20	3050	1
6673310	DS 3114 50	315	15.0	92.0	21.0	34.0	20	3150	1

SWIVEL HEAD WRENCHES

534

COMBINATION SWIVEL HEAD WRENCH

T Slim pattern, with free moving socket wrench
T With hole for tommy bars 26 D and 26 RS



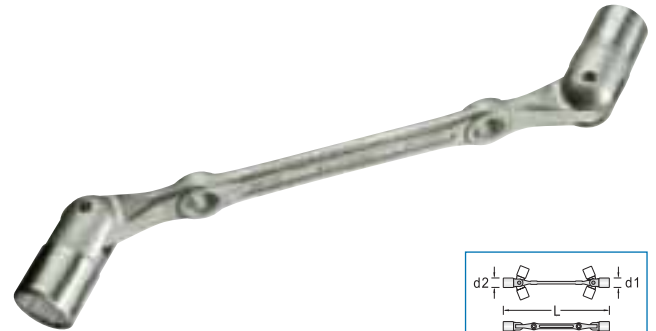
3

Code	No.	L	a	d	26 RS	26 D	/	l
6512060	534 10	179	4.7	15.5	1	5	55	10
6512140	534 11	189	5.0	16.7	1	5	65	5
6512220	534 12	198	5.3	18.0	1	5	75	5
6512300	534 13	208	6.0	19.2	1	5	95	10
6512490	534 14	218	6.3	20.5	1	6	110	5
6512570	534 15	231	6.7	21.7	1	6	120	5
6512650	534 16	244	7.0	22.9	1	6	140	5
6512730	534 17	255	7.5	24.2	2	8	170	10
6513030	534 18	269	7.7	25.5	2	8	220	5
6512810	534 19	283	8.0	26.7	2	8	240	10

34

SWIVEL HEAD WRENCH DOUBLE ENDED

T Thin walled heads, swivels through a wide radius
T Shaft with holes for tommy bars 26 D and 26 RS



3

Code	No.	L	d ₁	d ₂	26 D	26 RS	/	l
6301520	34 6x7	190	10.2	11.5	6	1	80	10
6299010	34 8x9	200	13.0	14.2	6	1	80	10
6299280	34 10x11	205	15.5	16.7	6	1	95	10
6299360	34 12x13	240	18.0	19.2	8	2	170	10
6299440	34 13x15	245	19.2	21.7	8	2	180	5
6299520	34 14x15	245	20.5	21.7	8	2	190	10
6298980	34 13x16	275	19.2	22.9	10	2	285	1
6299600	34 13x17	275	19.2	24.0	10	2	240	10
6299790	34 14x17	280	20.5	24.0	10	2	250	5
6299870	34 16x17	280	22.9	24.0	10	2	260	10
6300980	34 16x18	282	22.9	25.5	10	2	330	1
6299950	34 17x19	315	24.0	26.7	12	3	320	10
6300040	34 18x19	315	25.5	26.7	12	3	335	10
6301010	34 18x21	345	25.5	29.2	12	3	540	1
6300120	34 20x22	350	28.0	30.5	12	3	470	10
6300200	34 21x23	350	29.2	31.7	12	3	480	5
6300390	34 24x27	410	33.0	36.7	14	3	760	5
6300470	34 30x32	470	40.5	43.0	14	3	1280	1

Code	No.	L	d ₁	d ₂	26 D	26 RS	/	l
6301600	34 3/8x7/16AF	205	14.9	16.7	6	1	95	5
6301790	34 1/2x9/16AF	245	18.7	20.7	8	2	180	5
6301870	34 19/32x11/16AF	280	21.7	24.7	10	2	250	1
6301950	34 5/8x3/4AF	315	22.5	26.7	12	3	320	1
6302090	34 13/16x7/8AF	350	28.5	30.6	12	3	470	1
6302170	34 15/16x1AF	410	32.6	34.6	14	3	760	1



TX 34

SWIVEL HEAD WRENCH DOUBLE ENDED for protruding TORX® head screws

9

- T Thin walled heads, swivel through a wide radius
- T Shaft with holes for tommy bars 26 D and 26 RS
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	+	&	y	26 D	26 RS	/	l
6290570	TX 34 E6xE8	M5 - M7	5,74 x 7,52	190	6	1	85	1
6290650	TX 34 E10xE12	M8 - M10	9,42 x 11,17	230	8	2	170	1
6290730	TX 34 E14xE18	M12 - M14	12,98 x 16,68	265	10	2	210	1
6290810	TX 34 E20xE24	M16 - M20	18,47 x 22,14	295	12	3	350	1

ITX 34

SWIVEL HEAD WRENCH DOUBLE ENDED for recessed TORX® head screws

7

- T Shaft with holes for tommy bars 26 D and 26 RS
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



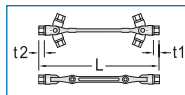
Code	No.	+	&	y	26 D	26 RS	/	l
6290060	ITX 34 T15xT20	M3,5 - M5	3,27 x 3,86	205	6	1	110	1
6290140	ITX 34 T25xT27	M4,5 - M6	4,43 x 4,99	208	6	1	130	1
6290220	ITX 34 T30xT40	M6 - M8	5,52 x 6,65	210	6	1	150	1
6290300	ITX 34 T45xT50	M8 - M10	7,82 x 8,83	244	8	2	180	1
6290490	ITX 34 T55xT60	M12 - M14	11,22 x 13,25	280	10	2	300	1

IN 34

SWIVEL HEAD WRENCH DOUBLE ENDED for in-hex screws

5

- T Shaft with holes for tommy bars 26 D and 26 RS



Code	No.	L	t ₁	t ₂	26 D	26 RS	/	l
6302250	IN 34 3x4	198	4.0	5	6	1	90	5
6302330	IN 34 5x6	202	5.0	6	6	1	105	5
6302410	IN 34 8x10	235	8.0	10	8	2	190	5
6302680	IN 34 12x14	270	10.0	12	10	2	320	5
6302760	IN 34 17x19	295	14.0	16	12	3	400	1

Code	No.	L	t ₁	t ₂	26 D	26 RS	/	l
6302840	IN 34 1/8x5/32AF	198	4.0	5	6	1	90	1
6302920	IN 34 3/16x7/32AF	202	5.0	6	6	1	100	1
6303060	IN 34 1/4x5/16AF	235	6.5	8	8	2	185	1
6303140	IN 34 3/8x1/2AF	270	10.0	12	10	2	300	1
6303220	IN 34 9/16x5/8AF	295	14.0	16	12	3	380	1

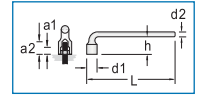
SOCKET WRENCHES

25

SOCKET WRENCH angled

1

- T Heavy-duty pattern with extra deep socket for protruding bolts
- T Sizes 55 - 70 without dome (dimension a₂)



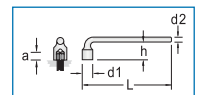
Code	No.	L	a ₁	a ₂	d ₁	d ₂	h	/	l
6188290	25 10	160	9.6	16.5	15,0	10	32	120	5
6188530	25 13	200	12.7	23.0	19,0	12	41	230	10
6188610	25 14	215	13.7	24.0	20,5	12	44	250	5
6196200	25 16	240	11.0	25.5	23,5	14	49	350	1
6188880	25 17	250	12.0	26.0	25,0	14	49	350	10
6196470	25 18	265	13.5	27.5	26,0	16	56	440	1
6188960	25 19	280	15.4	29.0	27,5	16	56	540	10
6196550	25 21	305	15.5	32.5	30,5	18	64	700	1
6189180	25 22	315	16.4	32.5	32,0	18	64	800	5
6196630	25 23	330	17.5	35.5	33,0	20	71	900	1
6189260	25 24	345	19.5	37.1	34,5	20	71	1050	5
6189340	25 27	380	21.4	37.5	38,5	20	74	1150	5
6189420	25 30	420	22.3	41.3	42,0	22	84	1500	5
6189500	25 32	450	26.5	43.2	45,0	22	87	1650	1
6189690	25 36	500	27.3	47.1	50,0	26	97	2150	5
6189770	25 41	560	30.3	49.7	56,0	26	106	2900	1
6189850	25 46	630	33.4	56.5	62,0	28	114	3800	1
6189930	25 50	630	35.9	61.5	67,0	32	128	4850	1
6190000	25 55	670	38.0		74,0	34	120	5700	1
6190190	25 60	670	40.0		81,0	34	125	5800	1
6190270	25 65	750	42.8		88,0	40	130	7000	1
6190350	25 70	750	46.0		94,0	40	135	7200	1

25 V

SOCKET WRENCH angled

@

- T Heavy-duty pattern with extra deep socket



Code	No.	L	a	d ₁	d ₂	h	/	l
6194770	25 V 8	150	11.0	15,0	10	32.0	90	10
6194850	25 V 9	160	11.0	16,5	10	35.0	120	10
6194930	25 V 10	175	12.0	19,0	12	37.5	150	10
6195150	25 V 12	215	14.5	22,0	14	44.0	250	5
6195230	25 V 13	230	20.5	23,5	14	47.0	280	5
6195310	25 V 14	240	21.5	25,0	14	49.0	320	5
6195580	25 V 17	280	26.5	30,0	18	62.0	540	5

Detailed information on products,
promotions and trade fairs
... www.gedore.com

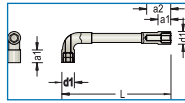




25 PK

DOUBLE ENDED SOCKET WRENCH angled, with hole
T Heavy-duty pattern

1



Code	No.	L	a ₁	a ₂	d ₁	/	l
1616323	25 PK 6	105	9	26.5	13,0	80	10
1616331	25 PK 7	107	9	26.5	14,0	80	10
1616358	25 PK 8	112	10	26.5	14,0	75	10
1436805	25 PK 9	120	10	26.5	14,0	85	10
1436813	25 PK 10	130	10	23.0	15,5	116	10
1436821	25 PK 11	136	10	23.0	16,5	118	10
1436848	25 PK 12	145	10	37.0	18,5	150	10
1436856	25 PK 13	152	11	35.0	20,0	176	10
1436864	25 PK 14	160	12	38.0	21,0	195	10
1616366	25 PK 15	170	13	38.0	22,5	195	10
1436872	25 PK 16	178	15	34.0	24,0	255	10
1436899	25 PK 17	187	15	35.0	25,5	315	10
1436902	25 PK 18	195	18	39.0	26,5	300	10
1436910	25 PK 19	205	17	38.0	28,0	440	10
1436929	25 PK 21	225	18	47.0	32,0	570	10
1436937	25 PK 22	225	18	47.0	32,0	550	10
1436945	25 PK 24	248	22	37.0	35,5	830	1
1436953	25 PK 27	280	26	60.0	38,0	965	1
1436961	25 PK 30	310	27	64.0	42,0	1325	1
1436988	25 PK 32	330	30	63.0	45,0	1475	1
1436996	25 PK 34	340	32	67.0	47,0	1600	1
1437003	25 PK 36	355	33	74.0	50,0	1785	1

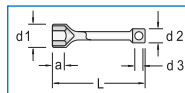


3112 - DS 3112

SOCKET WRENCH solid

T Very heavy-duty pattern
T To DIN 3112, ISO 2236
T 3112 = without tommy bar
T DS 3112 = with tommy bar 26 D

1



Code	No.	L	a	d ₁	d ₂	d ₃	26 D	/	l
6667260	3112 55	355	38	74	45	26	-	2600	1
6667340	3112 60	355	40	80	45	26	-	2800	1
6667420	3112 65	400	43	88	58	33	-	4200	1
6667500	3112 70	400	46	94	58	33	-	4600	1
6667690	3112 75	400	49	101	58	33	-	4900	1
6667770	3112 80	400	52	108	58	33	-	5200	1
6667850	3112 85	450	55	114	70	41	-	7500	1
6668070	3112 95	450	62	128	70	41	-	8500	1
6668150	DS 3112 55	355	38	74	45	26	25	5350	1
6668230	DS 3112 60	355	40	80	45	26	25	5550	1

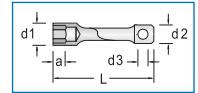
Code	No.	L	a	d ₁	d ₂	d ₃	26 D	/	l
6668310	DS 3112 65	400	43	88	58	33	32	9450	1
6668580	DS 3112 70	400	46	94	58	33	32	9650	1
6668660	DS 3112 75	400	49	101	58	33	32	9950	1
6668740	DS 3112 80	400	52	108	58	33	32	10250	1
6668820	DS 3112 85	450	55	114	70	41	40	17350	1
6669040	DS 3112 95	450	62	128	70	41	40	18350	1

35 A - DS 35 A

SOCKET WRENCH heavy-duty, short pattern

T Heavy-duty pattern, to DIN 3112, ISO 2236
T 35 A = without tommy bar
T DS 35 A = with tommy bar

1



Code	No.	L	a	d ₁	d ₂	d ₃	/	l
6304030	35 A 8	105	7.0	13,0	12	6.5	40	1
6304110	35 A 9	110	8.0	14,0	15	6.5	65	1
6304380	35 A 10	115	8.5	16,0	15	6.5	65	1
6304620	35 A 13	130	11.0	19,5	19	8.5	125	1
6304700	35 A 14	140	11.5	20,5	19	8.5	130	1
6303300	35 A 16	145	11.0	23,5	23	10.5	185	1
6305000	35 A 17	145	12.0	25,0	23	10.5	230	1
6303490	35 A 18	145	13.5	26,0	23	10.5	250	1
6305270	35 A 19	165	15.0	27,5	23	12.5	290	1
6303570	35 A 21	175	15.5	30,5	27	12.5	350	1
6305510	35 A 22	185	16.0	32,0	27	12.5	430	1
6305860	35 A 24	205	19.0	34,5	29	14.5	530	1
6306160	35 A 27	215	21.0	38,5	29	14.5	610	1
6306320	35 A 30	225	22.0	42,0	33	17.0	800	1
6306670	35 A 36	260	27.0	50,0	37	19.0	1150	1
6306830	35 A 46	290	33.0	62,0	41	21.0	1700	1
6307130	DS 35 A 8	105	7.0	13,0	12	6.5	75	1
6307210	DS 35 A 9	110	8.0	14,0	15	6.5	100	1
6307480	DS 35 A 10	115	8.5	16,0	15	6.5	100	1
6307720	DS 35 A 13	130	11.0	19,5	19	8.5	195	1
6307800	DS 35 A 14	140	11.5	20,5	19	8.5	200	1
6300550	DS 35 A 16	145	11.0	23,5	23	10.5	300	1
6308100	DS 35 A 17	145	12.0	25,0	23	10.5	355	1
6300630	DS 35 A 18	145	13.5	26,0	23	10.5	370	1
6308370	DS 35 A 19	165	15.0	27,5	23	12.5	510	1
6300710	DS 35 A 21	175	15.5	30,5	27	12.5	570	1
6308610	DS 35 A 22	185	16.0	32,0	27	12.5	650	1
6308960	DS 35 A 24	205	19.0	34,5	29	14.5	910	1
6309260	DS 35 A 27	215	21.0	38,5	29	14.5	990	1
6309420	DS 35 A 30	225	22.0	42,0	33	17.0	1430	1
6309690	DS 35 A 36	260	27.0	50,0	37	19.0	2150	1
6309850	DS 35 A 46	290	33.0	62,0	41	21.0	3250	1





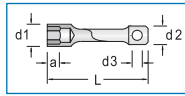
35 B - DS 35 B

SOCKET WRENCH heavy-duty, long pattern

T Heavy-duty pattern
 T 35 B = without tommy bar
 T DS 35 B = with tommy bar



1



Code	No.	L	a	d ₁	d ₂	d ₃	/	l
6310270	35 B 8	175	7.0	13,0	12	6.5	80	1
6310430	35 B 10	200	8.5	16,0	15	6.5	130	1
6310860	35 B 13	235	11.0	19,5	19	8.5	240	1
6310940	35 B 14	250	11.5	20,5	19	8.5	300	1
6310000	35 B 16	270	11.0	23,5	23	10.5	310	1
6311240	35 B 17	270	12.0	25,0	23	10.5	470	1
6310190	35 B 18	270	13.5	26,0	23	10.5	500	1
6311400	35 B 19	295	15.0	27,5	23	12.5	540	1
6310350	35 B 21	305	15.5	30,5	27	12.5	580	1
6311750	35 B 22	315	16.0	32,0	27	12.5	600	1
6311910	35 B 24	350	19.0	34,5	29	14.5	950	1
6312210	35 B 27	390	21.0	38,5	29	14.5	1100	1
6312640	35 B 30	430	22.0	42,0	33	17.0	1450	1
6312720	35 B 32	440	26.0	45,0	33	17.0	1550	1
6312800	35 B 36	490	27.0	50,0	38	19.0	2050	1
6313290	DS 35 B 8	175	7.0	13,0	12	6.5	115	1
6313450	DS 35 B 10	200	8.5	16,0	15	6.5	165	1
6313880	DS 35 B 13	235	11.0	19,5	19	8.5	310	1
6313960	DS 35 B 14	250	11.5	20,5	19	8.5	370	1
6310510	DS 35 B 16	270	11.0	23,5	23	10.5	430	1
6314340	DS 35 B 17	270	12.0	25,0	23	10.5	595	1
6310780	DS 35 B 18	270	13.5	26,0	23	10.5	620	1
6314500	DS 35 B 19	295	15.0	27,5	23	12.5	760	1
6311080	DS 35 B 21	305	15.5	30,5	27	12.5	810	1
6314850	DS 35 B 22	315	16.0	32,0	27	12.5	820	1
6315070	DS 35 B 24	350	19.0	34,5	29	14.5	1330	1
6315310	DS 35 B 27	390	21.0	38,5	29	14.5	1480	1
6315740	DS 35 B 30	430	22.0	42,0	33	17.0	2080	1
6315820	DS 35 B 32	440	26.0	45,0	33	17.0	2180	1
6315900	DS 35 B 36	490	27.0	50,0	38	19.0	3050	1

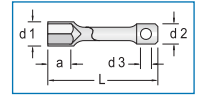
V 35 A - DSV 35 A

SOCKET WRENCH heavy-duty, short pattern

T Heavy-duty pattern
 T V 35 A = without tommy bar
 T DSV 35 A = with tommy bar



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Code	No.	L	a	d ₁	d ₂	d ₃	/	l
6316200	V 35 A 6	80	12	11,5	12	6.5	40	1
6316390	V 35 A 7	80	15	13,5	15	8.5	65	1
6316470	V 35 A 8	80	15	14,0	15	8.5	65	1
6316550	V 35 A 9	100	18	16,0	17	10.5	70	1
6316630	V 35 A 10	100	18	17,5	17	10.5	75	1
6316710	V 35 A 11	100	19	21,0	21	12.5	140	1
6317010	V 35 A 13	100	22	23,5	23	12.5	230	1
6317280	V 35 A 14	120	24	26,0	25	14.5	230	1
6317520	V 35 A 17	160	28	31,0	31	17.0	400	1
6317790	V 35 A 19	200	30	34,0	31	17.0	450	1
6318090	V 35 A 22	200	34	39,0	36	19.0	600	1
6318760	DSV 35 A 6	80	12	11,5	12	6.5	75	1
6318840	DSV 35 A 7	80	15	13,5	15	8.5	135	1
6318920	DSV 35 A 8	80	15	14,0	15	8.5	135	1
6319060	DSV 35 A 9	100	18	16,0	17	10.5	140	1
6319140	DSV 35 A 10	100	18	17,5	17	10.5	145	1
6319220	DSV 35 A 11	100	19	21,0	21	12.5	265	1
6319490	DSV 35 A 13	100	22	23,5	23	12.5	450	1
6319570	DSV 35 A 14	120	24	26,0	25	14.5	450	1
6319810	DSV 35 A 17	160	28	31,0	31	17.0	620	1
6320150	DSV 35 A 19	200	30	34,0	31	17.0	830	1
6320580	DSV 35 A 22	200	34	39,0	36	19.0	1230	1



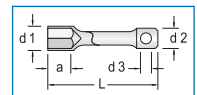
V 35 B - DSV 35 B

SOCKET WRENCH heavy-duty, long pattern

T Heavy-duty pattern
 T V 35 B = without tommy bar
 T DSV 35 B = with tommy bar



@



Code	No.	L	a	d ₁	d ₂	d ₃	/	l
6321120	V 35 B 6	160	12	11,5	12	6.5	80	1
6321200	V 35 B 7	160	15	13,5	15	8.5	120	1
6321390	V 35 B 8	160	15	14,0	15	8.5	130	1
6321470	V 35 B 9	200	18	16,0	17	10.5	200	1
6321550	V 35 B 10	200	18	17,5	17	10.5	220	1
6321710	V 35 B 12	200	20	22,0	21	12.5	260	1
6321980	V 35 B 13	200	22	23,5	23	12.5	470	1
6322010	V 35 B 14	200	24	26,0	25	14.5	470	1
6322440	V 35 B 17	250	28	31,0	31	17.0	620	1
6322600	V 35 B 19	320	30	34,0	31	17.0	680	1
6322950	V 35 B 22	320	34	39,0	36	19.0	1080	1
6323680	DSV 35 B 6	160	12	11,5	12	6.5	115	1
6323760	DSV 35 B 7	160	15	13,5	15	8.5	190	1
6323840	DSV 35 B 8	160	15	14,0	15	8.5	200	1
6323920	DSV 35 B 9	200	18	16,0	17	10.5	270	1
6324060	DSV 35 B 10	200	18	17,5	17	10.5	290	1
6324220	DSV 35 B 12	200	20	22,0	21	12.5	385	1
6324300	DSV 35 B 13	200	22	23,5	23	12.5	690	1
6324490	DSV 35 B 14	200	24	26,0	25	14.5	690	1
6324730	DSV 35 B 17	250	28	31,0	31	17.0	840	1
6325030	DSV 35 B 19	320	30	34,0	31	17.0	1060	1
6325460	DSV 35 B 22	320	34	39,0	36	19.0	1710	1





KD 626

DOUBLE ENDED SOCKET WRENCH SET with tommy bars

1



Code	No.	/	l
6528650	KD 626-7 626 8x9 10x11 12x13 14x15 16x17 18x19 20x22 626 S 1 2	1150	1
6528730	KD 626-8 626 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 626 S 1 2	1200	1
6528810	KD 626-120 626 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32 626 S 1 2 3	3000	1

26 D

TOMMY BAR

T To DIN 900 Form A



Code	No.	y	ø	/	l
6208310	26 D 5	125	5	20	5
6208580	26 D 6	160	6	35	5
6208740	26 D 8	180	8	70	5
6208820	26 D 10	200	10	125	5
6208900	26 D 12	250	12	220	5
6209040	26 D 14	320	14	380	1
6209120	26 D 16	400	16	630	1
6209200	26 D 18	500	18	1000	1
6209390	26 D 20	630	20	1550	1
6209470	26 D 25	710	25	2750	1
6209550	26 D 32	800	32	5050	1
6209630	26 D 40	1000	40	9850	1

26 RS

STEPPED TOMMY BAR



Code	No.	y	ø ₁	ø ₂	ø ₃	ø ₄	/	l
6219350	26 RS 1	190	5,0	6,0			40	5
6219430	26 RS 2	240	8,0	10,0			140	5
6528220	26 RS-626 S-3	310	11,7	13,7	16,0		500	5

626 S

STEPPED TOMMY BAR



Code	No.	y	ø ₁	ø ₂	ø ₃	ø ₄	ø ₅	/	l
6528060	626 S 1	190	3,7	4,7	5,2	7,0		50	5
6528140	626 S 2	240	6,7	7,7	8,7	9,7	11,0	160	5
6528220	26 RS-626 S-3	310	11,7	13,7	16,0			500	5

2133

NUT DRIVER WITH 3C-HANDLE

T To DIN 3125, ISO 2725-1 (only metric sizes)

T With hanging hole

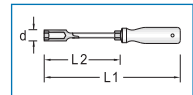
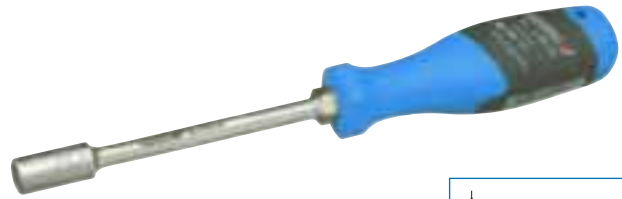
T Head depth 25 mm, blade length 125 mm

T Size 2.5 - 3.5 with stepped head ø 5 mm

T 10 mm and larger with hexagon bolster size 13 mm

T * not standardised

1



Code	No.	*	L ₁	L ₂	d	\$	/	l
1746669	2133 2,5	*	225	125	7,0	-	50	1
1746677	2133 3		225	125	7,0	-	50	1
1746685	2133 3,2		225	125	7,0	-	50	1
1746693	2133 3,5		225	125	7,0	-	50	1
1746707	2133 4		225	125	6,9	-	50	1
1746715	2133 4,5		225	125	7,0	-	55	1
1746723	2133 5		225	125	8,0	-	57	1
1746731	2133 5,5		225	125	8,0	-	75	1
1746758	2133 6		225	125	9,0	-	65	1
1746766	2133 7		235	125	11,0	-	75	1
1746855	2133 8		235	125	12,0	-	80	1
1746863	2133 9		235	125	13,0	-	85	1
1746898	2133 10		245	125	14,0	13	85	1
1746901	2133 11		245	125	16,0	13	140	1
1746928	2133 12		245	125	17,0	13	140	1
1746944	2133 13		245	125	18,0	13	150	1
1746952	2133 14		245	125	19,7	13	155	1

Code	No.	L ₁	L ₂	d	/	l
1746960	2133 3/16AF	225	125	7,0	45	1
1746979	2133 1/4AF	225	125	10,0	70	1
1746987	2133 9/32AF	235	125	11,0	80	1
1746995	2133 5/16AF	235	125	12,0	80	1
1747002	2133 11/32AF	235	125	13,0	80	1
1747010	2133 3/8AF	245	125	14,0	90	1
1747029	2133 7/16AF	245	125	16,0	105	1
1747037	2133 1/2AF	245	125	18,0	120	1



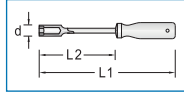


33 F

NUT DRIVER flexible

- T With hanging hole
- T Limited torque
- T Head depth 13 mm

1



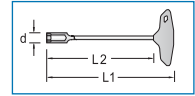
Code	No.	L ₁	L ₂	d	/	l
6362230	33 F 5	250	150	11	120	5
6360020	33 F 6	250	150	11	120	5
6360290	33 F 7	250	150	11	120	10
6360370	33 F 8	250	150	12	120	10
6360610	33 F 10	270	160	14	220	5

33 TLM

NUT DRIVER WITH T-HANDLE with magnet, long pattern

- T With hanging hole
- T Head depth 25 mm

1 1



Code	No.	L ₁	L ₂	d	/	l
6352190	33 TLM 8	389	350	12	150	5
6353160	33 TLM 10	389	350	14	175	5
6353240	33 TLM 13	389	350	18	220	5

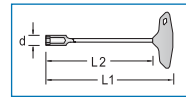


TX 33 T

NUT DRIVER WITH T-HANDLE for protruding TORX® head screws

- T TORX® = reg. trademark of Acument Intellectual Properties, LLC, USA

9



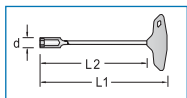
Code	No.	♀	+	&	L ₁	L ₂	d	/	l
1394940	TX 33 T E4	E4	M3	3,86 x 2,88	192,5	160	7	74	5
1394967	TX 33 T E5	E5	M4	4,73 x 3,46	192,5	160	7	74	5
1394975	TX 33 T E6	E6	M5	5,74 x 4,11	234,0	195	8	76	5
1394983	TX 33 T E7	E7	M6	6,16 x 4,55	234,0	195	10	97	5
1395009	TX 33 T E8	E8	M6 - M7	7,52 x 5,4	234,0	195	11	100	5
1395017	TX 33 T E10	E10	M8	9,42 x 6,92	269,0	230	13	146	5

33 T

NUT DRIVER WITH T-HANDLE

- T With hanging hole
- T Head depth 25 mm
- T Size 2.5 - 3.5 with stepped head Ø 5 mm

1



Code	No.	L ₁	L ₂	d	/	l
1531239	33 T 2,5	180,0	160	7,0	160	5
1531247	33 T 3	180,0	160	7,0	160	5
1531255	33 T 3,2	180,0	160	7,0	160	5
1531263	33 T 3,5	227,5	195	7,0	160	5
1531271	33 T 4	227,5	195	6,9	160	5
1531298	33 T 4,5	227,5	195	7,0	160	5
1531301	33 T 5	227,5	195	8,0	160	5
6353320	33 T 5,5	227,5	195	8,0	95	5
6357580	33 T 6	227,5	195	9,0	100	5
6357660	33 T 7	227,5	195	11,0	120	10
6357740	33 T 8	269,0	230	12,0	130	10
6357820	33 T 9	269,0	230	13,0	150	5
6357900	33 T 10	269,0	230	14,0	160	10
6353400	33 T 11	269,0	230	16,0	180	5
6353590	33 T 12	269,0	230	17,0	185	5
6358040	33 T 13	269,0	230	18,0	200	10
6366060	33 T 14	269,0	230	20,0	200	5





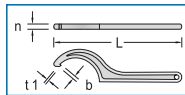
HOOK SPANNERS

40

HOOK WRENCH with lug

T Similar to DIN 1810, Form A

T For slotted round nuts according to DIN 981



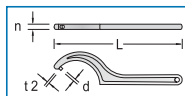
Code	No.	L	b	n	t ₁	/	l
6333990	40 16-20	110	2.0	3.8	1.5	20	10
6334020	40 25-28	135	2.5	4.5	2.0	40	10
6334100	40 30-32	135	2.5	4.5	2.0	45	10
6334290	40 34-36	170	3.0	5.5	2.5	75	10
6334370	40 40-42	170	3.0	5.5	2.5	80	10
6334450	40 45-50	205	3.5	6.5	3.0	115	10
6334530	40 52-55	205	3.5	6.5	3.0	120	10
6334610	40 58-62	240	4.0	7.5	3.5	200	10
6334880	40 68-75	240	4.0	7.5	3.5	210	10
6334960	40 80-90	280	5.0	8.5	4.0	290	10
6335180	40 95-100	280	5.0	8.5	4.0	300	1
6335260	40 110-115	335	5.0	10.3	4.0	480	1
6335340	40 120-130	335	5.0	10.3	4.0	500	1
6335420	40 135-145	385	6.0	12.3	5.0	670	1
6335500	40 155-165	385	6.0	12.3	5.0	700	1
6335690	40 180-195	465	6.0	14.3	5.0	1200	1
6335770	40 205-220	465	6.0	14.3	5.0	1400	1

40 Z

HOOK WRENCH with pin

T Similar to DIN 1810, Form B

T For cross-drilled nuts according to DIN 1816



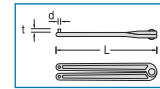
Code	No.	L	d	n	t ₂	/	l
6335850	40 Z 16-18	110	2.5	3.8	2.5	20	5
6335930	40 Z 20-22	110	2.5	3.8	2.5	25	5
6336580	40 Z 25-28	135	3.0	4.5	3.0	40	5
6336660	40 Z 30-32	135	4.0	4.5	3.0	45	10
6336740	40 Z 34-36	170	4.0	5.5	3.5	75	10
6336820	40 Z 40-42	170	4.0	5.5	3.5	80	10
6336900	40 Z 45-50	205	5.0	6.5	4.0	115	10
6337040	40 Z 52-55	205	5.0	6.5	4.0	120	10
6337120	40 Z 58-62	240	5.0	7.5	5.0	200	10
6337200	40 Z 68-75	240	6.0	7.5	5.0	210	10
6337390	40 Z 80-90	280	6.0	8.5	6.0	290	10
6337470	40 Z 95-100	280	8.0	8.5	6.0	300	1
6337550	40 Z 110-115	335	8.0	10.3	8.0	480	1
6337630	40 Z 120-130	335	8.0	10.3	8.0	500	1
6337710	40 Z 135-145	385	8.0	12.3	8.0	670	1
6337980	40 Z 155-165	385	8.0	12.3	8.0	700	1
6338010	40 Z 180-195	465	10.0	14.3	8.0	1200	1
6338280	40 Z 205-220	465	10.0	14.3	8.0	1400	1

44

CALIPER FACE SPANNER adjustable

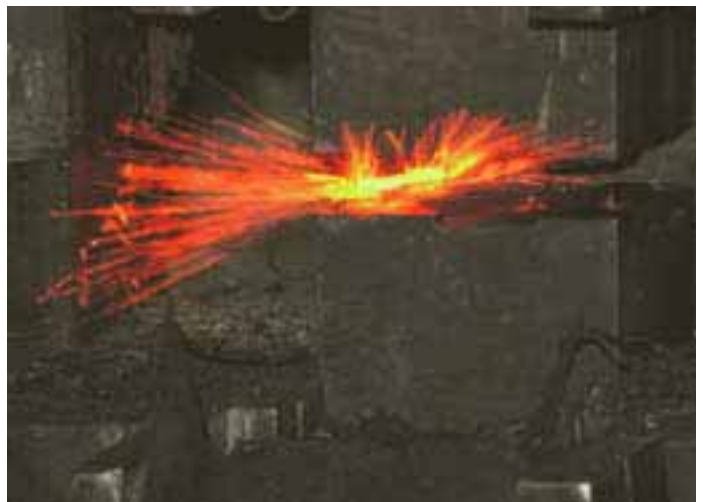
T Similar to DIN 3116

T Special sizes on request



Code	No.	L	L''	d	t	/	l
6354480	44 3	3	178	7	2.9	4	135
6354560	44 4	4	178	7	3.8	5	140
6354640	44 5	5	230	9	4.8	6	275
6354720	44 6	6	230	9	5.8	7	275
6354990	44 8	8	230	9	7.8	8	285

Detailed information on products,
promotions and trade fairs
... www.gedore.com





GEDORE

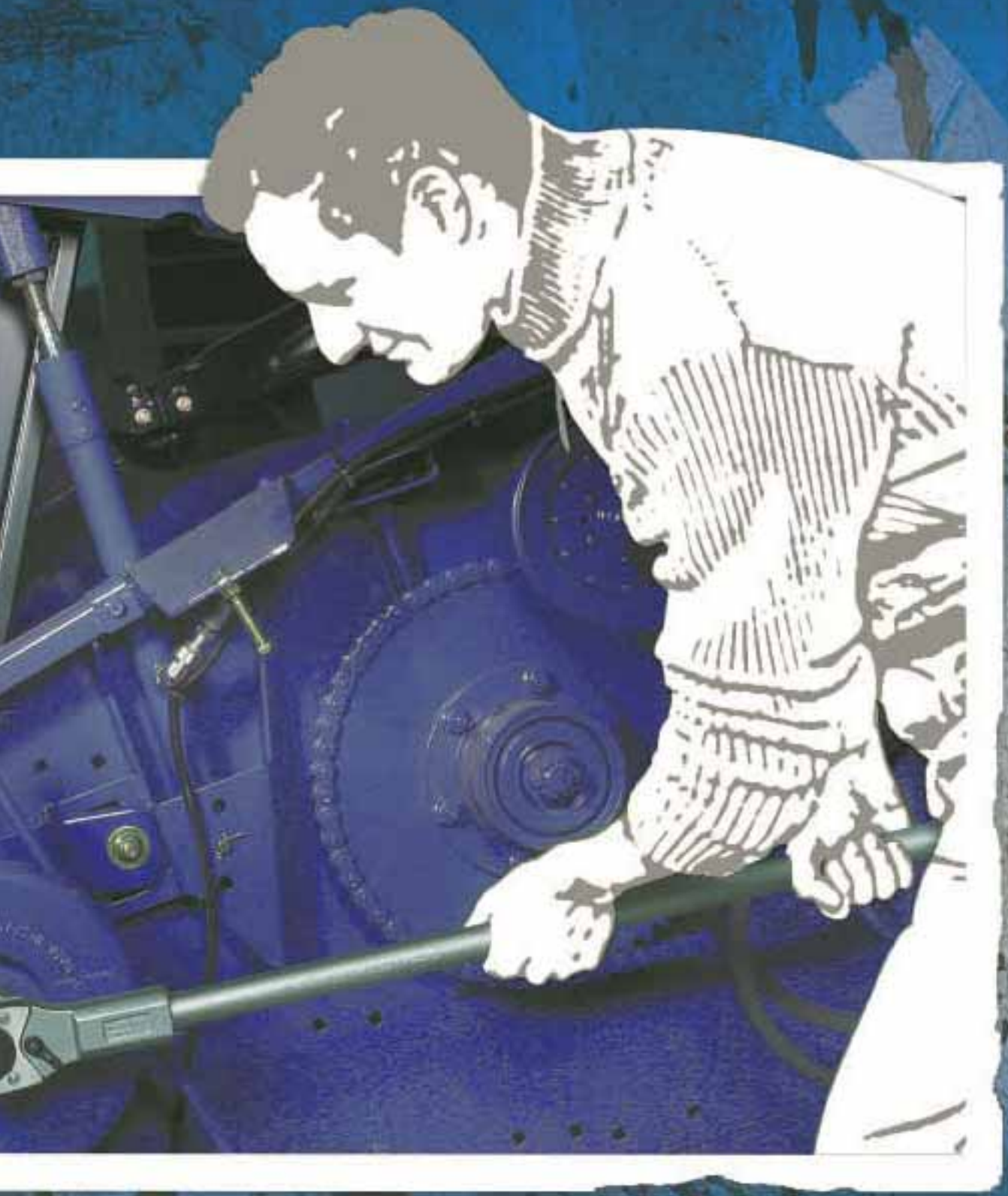


RUGGED AND VERSATILE SOCKET SETS DESIGN FOR UNIVERSAL USE



OVERVIEW

- T Ratchets
- T Friction ratchets
- T Socket sets
- T Bits
- T Sockets
- T Accessories
- T Impact tools





Slim design with release head and reversing lever



Screwdriver bit sockets



Secure-locking extension and socket - securely fixed



Extension and socket locked in place

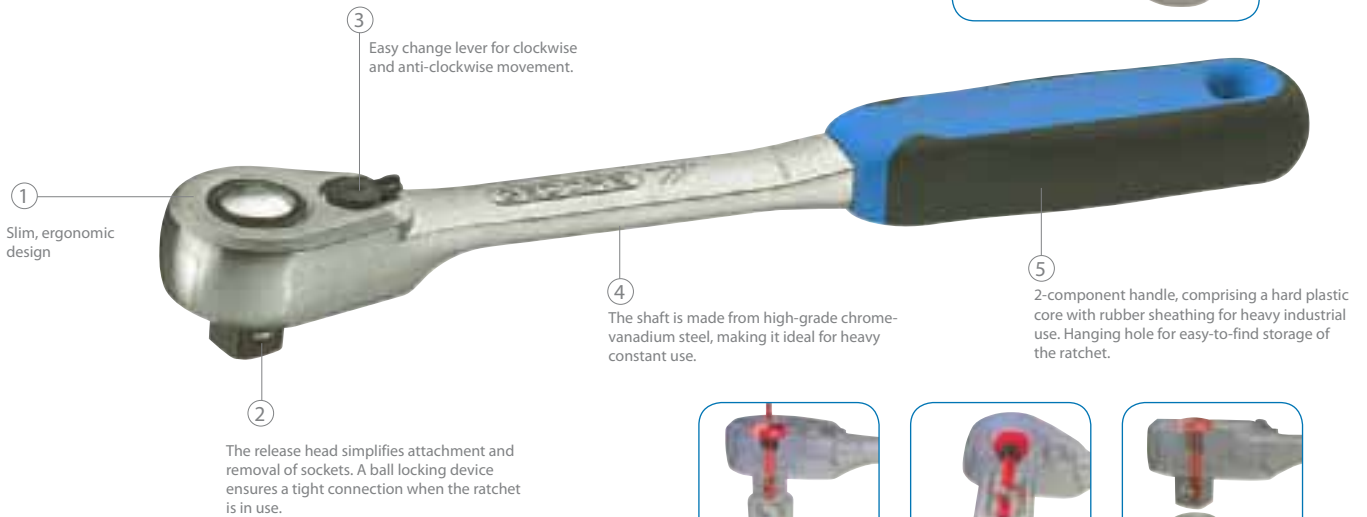
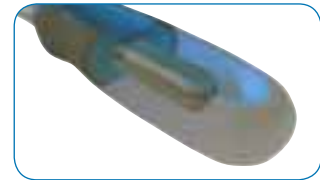


Socket



U-20 RATCHETS

Design-orientated premium ratchets



WORKING PRINCIPLE



SLIDING T BAR with release



SOCKETS



The range includes an unparalleled variety of sockets to meet all industrial and professional requirements, including the socket with the snug fitting UNIT-Drive profile.

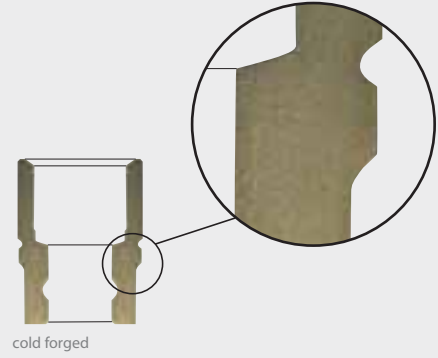
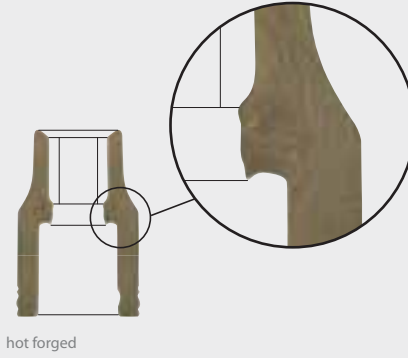




MANUFACTURING PROCESS FOR SOCKETS

Like all hot-forged tools, GEDORE sockets(*) are characterised by their homogeneous structure. The fibres run in parallel with the contour of the tool. The uninterrupted fibre orientation prevents residual stresses in the structure. In cold-forged tools, the fibres or lines of stress may deviate. Fibre orientation is equally important in the natural world. In a tree, the soft fibre orientation, is parallel to the branch shape the wood is resistant to bending and twisting. If fibres become kinked, the branch loses its stability at the kink point and breaks. The low-stress GEDORE sockets withstand suddenly occurring peak forces better than cold formed sockets.

(*) Not applicable to 1/4" hexagonal sockets



Blank cropped to size from 31CrV3



Hot forged in the forging press.



Accurately cropped to size.



Outside diameter turned and knurled. For this and the next step, GEDORE uses high-tech machinery from its in-house special mechanical engineering department.



Counterbored, square socket drive fluted (ball-stop flute), manufacturer and socket size permanently stamped.



Degreased - grease would destroy the protective gas atmosphere in hardening.



Hardened under protective gas atmosphere, followed by annealing.



Sand blasted as preparation for surface coating.



Nickel-plated and matt-chrome-plated to prevent dazzle. The electrolytically applied nickel coating ensures corrosion protection. The electroplated chrome improves the look and gives the socket a perfect finish.

6.3 (1/4") SQUARE DRIVE

M R m b

SOCKETS 6.3 (1/4")



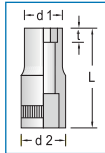
R

20

SOCKET 1/4" hexagon

T Acc. to DIN 3124, ISO 2725-1
T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
T Hand-operated, polished, chrome-plated

M R 1



Code	No.	l	L	d ₁	d ₂	t	/	l
6165400	20 4	4.0	24.7	6.9	12.0	2.0	9	10
6165590	20 4,5	4.5	24.7	7.5	12.0	2.3	10	5
6165670	20 5	5.0	24.7	8.2	12.0	2.5	10	10
6165750	20 5,5	5.5	24.7	8.8	12.0	3.0	10	10
6165830	20 6	6.0	24.7	9.4	12.0	3.5	10	10
6165910	20 7	7.0	24.7	11.0	12.0	4.0	12	10
6166050	20 8	8.0	24.7	12.0	12.0	5.0	14	10
6166130	20 9	9.0	24.7	13.0	13.0	5.0	16	10
6166210	20 10	10.0	24.7	14.7	14.7	6.0	20	10
6166480	20 11	11.0	24.7	16.0	16.0	7.0	25	10
6166560	20 12	12.0	24.7	17.0	17.0	8.0	30	10
6166640	20 13	13.0	24.7	18.0	18.0	8.0	35	10
6166720	20 14	14.0	24.7	19.7	19.7	10.0	40	10

Code	No.	"	L	d ₁	d ₂	t	/	l
6167020	20 3/16AF	3/16	24.7	7.8	12.0	2.5	10	1
6167100	20 7/32AF	7/32	24.7	8.8	12.0	3.0	10	1
6167290	20 1/4AF	1/4	24.7	9.8	12.0	3.5	10	1
6167370	20 9/32AF	9/32	24.7	11.0	12.0	4.0	12	1
6167450	20 5/16AF	5/16	24.7	12.0	12.0	5.0	14	1
6167530	20 11/32AF	11/32	24.7	13.0	13.0	5.0	16	1
6167610	20 3/8AF	3/8	24.7	14.0	14.0	6.0	20	1
6167880	20 7/16AF	7/16	24.7	16.0	16.0	7.0	25	1
6167960	20 1/2AF	1/2	24.7	18.0	18.0	8.0	35	1
6161840	20 9/16AF	9/16	24.7	20.0	20.0	10.0	40	1

Code	No.	#	L	d ₁	d ₂	t	/	l
6168500	20 8BA	8	24.7	6.7	12.0	2.0	9	1
6168690	20 7BA	7	24.7	7.3	12.0	2.3	10	1
6168770	20 6BA	6	24.7	8.0	12.0	2.5	10	1
6168850	20 5BA	5	24.7	8.8	12.0	3.0	10	1
6168930	20 4BA	4	24.7	9.8	12.0	3.5	10	1
6169070	20 3BA	3	24.7	11.0	12.0	4.0	12	1
6169150	20 2BA	2	24.7	12.0	12.0	5.0	14	1
6169230	20 1BA	1	24.7	13.0	13.0	5.0	16	1
6169310	20 0BA	0	24.7	15.0	15.0	7.0	20	1

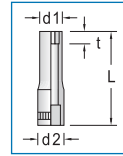


20 L

SOCKET 1/4" long, hexagon

T Acc. to DIN 3124, ISO 2725-1
T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
T Hand-operated, polished, chrome-plated

M R 1



Code	No.	l	L	d ₁	d ₂	t	/	l
6191400	20 L 4	4.0	50	6.9	12.0	3.0	15	5
6191590	20 L 4,5	4.5	50	7.5	12.0	3.4	15	5
6191670	20 L 5	5.0	50	8.2	12.0	3.7	15	5
6191750	20 L 5,5	5.5	50	8.8	12.0	4.5	20	5
6191830	20 L 6	6.0	50	9.4	12.0	5.2	20	5
6191910	20 L 7	7.0	50	11.0	12.0	6.0	20	5
6192050	20 L 8	8.0	50	12.0	12.0	7.5	25	10
6192130	20 L 9	9.0	50	13.0	13.0	7.5	30	5
6192210	20 L 10	10.0	50	14.0	14.0	9.0	35	10
6192480	20 L 11	11.0	50	16.0	16.0	10.5	45	5
6192560	20 L 12	12.0	50	17.0	17.0	12.0	50	5
6192640	20 L 13	13.0	50	18.0	18.0	12.0	65	10

Code	No.	"	L	d ₁	d ₂	t	/	l
6192800	20 L 3/16AF	3/16	50	7.8	12.0	3.7	15	1
6192990	20 L 7/32AF	7/32	50	8.8	12.0	4.5	20	1
6193020	20 L 1/4AF	1/4	50	9.8	12.0	5.2	20	1
6193100	20 L 9/32AF	9/32	50	11.0	12.0	6.0	20	1
6193290	20 L 5/16AF	5/16	50	12.0	12.0	7.5	25	1
6193370	20 L 11/32AF	11/32	50	13.0	13.0	7.5	30	1
6193450	20 L 3/8AF	3/8	50	14.0	14.0	9.0	35	1
6193530	20 L 7/16AF	7/16	50	16.0	16.0	10.5	50	1
6193610	20 L 1/2AF	1/2	50	18.0	18.0	12.0	65	1

D 20

SOCKET 1/4" UD profile

T Acc. to DIN 3124, ISO 2725-1
T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
T Hand-operated, polished, chrome-plated

M R 3



Code	No.	l	L	d ₁	d ₂	t	/	l
1649558	D 20 4	4.0	24.7	6.9	12.0	2.0	15	1
1649566	D 20 4,5	4.5	24.7	7.5	12.0	2.3	15	1
1649574	D 20 5	5.0	24.7	8.2	12.0	2.5	10	1
1802402	D 20 5,5	5.5	24.7	8.8	12.0	3.0	12	1
1649582	D 20 6	6.0	24.7	9.4	12.0	3.5	11	1
1649590	D 20 7	7.0	24.7	11.0	12.0	4.0	11	1
6225750	D 20 8	8.0	24.7	12.0	12.0	5.0	15	5
6225830	D 20 9	9.0	24.7	13.0	13.0	5.0	15	1
6226050	D 20 10	10.0	24.7	14.7	14.7	6.0	20	5
6226130	D 20 11	11.0	24.7	16.0	16.0	7.0	25	1
6226480	D 20 12	12.0	24.7	17.0	17.0	8.0	25	1
6226640	D 20 13	13.0	24.7	18.5	18.5	8.0	30	5
6226720	D 20 14	14.0	24.7	19.7	19.7	10.0	40	1

Detailed information on products, promotions and trade fairs

... www.gedore.com





Code	No.	"	L	d ₁	d ₂	t	/	l
1812505	D 20 3/16AF	3/16	24.7	7.8	12.0	2.5	11	1
1812513	D 20 7/32AF	7/32	24.7	8.8	12.0	3.0	12	1
1812521	D 20 1/4AF	1/4	24.7	9.8	12.0	3.5	13	1
1812548	D 20 9/32AF	9/32	24.7	11.0	12.0	4.0	14	1
6226800	D 20 5/16AF	5/16	24.7	12.0	12.0	5.0	15	1
6226990	D 20 11/32AF	11/32	24.7	13.0	13.0	5.0	15	1
6227020	D 20 3/8AF	3/8	24.7	14.0	14.0	6.0	15	1
1901702	D 20 13/32AF	13/32	24.7	15.0	15.0	6.0	20	1
6227370	D 20 7/16AF	7/16	24.7	16.0	16.0	7.0	25	1
6227450	D 20 1/2AF	1/2	24.7	18.0	18.0	8.0	30	1
6228180	D 20 9/16AF	9/16	24.7	20.0	20.0	10.0	40	1

TX 20

SOCKET 1/4" for protruding TORX® head screws
 T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
 T Hand-operated, polished, chrome-plated
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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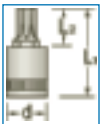


Code	No.	9	+	&	L	d ₁	d ₂	t	/	l
6193880	TX 20 E4	E4	M3	3.86	25	5.5	11	4.5	10	5
6187640	TX 20 E5	E5	M4	4.75	25	7.0	11	5.0	10	5
6187720	TX 20 E6	E6	M5	5.74	25	8.0	11	5.0	10	5
6187800	TX 20 E7	E7	M6	6.22	25	9.5	11	6.0	10	5
6187990	TX 20 E8	E8	M6 - M7	7.52	25	10.5	12	6.5	15	5
6193960	TX 20 E10	E10	M8	9.42	25	13.0	13	7.0	15	5

ITX 20

SCREWDRIVER BIT SOCKET 1/4" for recessed TORX® head screws
 T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
 T Hand-operated, with pressed-in pin, gun-metal finish
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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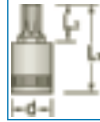
Code	No.	7	+	&	L ₁	L ₂	d	/	l
6190430	ITX 20 T8	T8	M2,5	2.31	30.5	14.5	12	10	10
6190510	ITX 20 T9	T9	M3	2.50	30.5	14.5	12	10	10
6190780	ITX 20 T10	T10	M3 - M3,5	2.74	30.5	14.5	12	10	10
6190860	ITX 20 T15	T15	M3,5 - M4	3.27	30.5	14.5	12	10	10
6190940	ITX 20 T20	T20	M4 - M5	3.86	30.5	14.5	12	10	10
6191080	ITX 20 T25	T25	M4,5 - M5	4.43	30.5	14.5	12	10	10
6191160	ITX 20 T27	T27	M4,5 - M6	4.99	30.5	14.5	12	10	10
6191240	ITX 20 T30	T30	M6 - M7	5.52	30.5	14.5	12	15	10
6265890	ITX 20 T40	T40	M7 - M8	6.65	33.5	14.0	14	20	10



ITX 20 IP

SCREWDRIVER BIT SOCKET 1/4" for recessed TORX® head screws
 T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
 T Hand-operated, with pressed-in pin, gun-metal finish
 T TORX PLUS® = reg. trademark of Acument Intellectual Properties, LLC. USA

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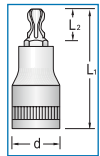
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Code	No.	:	+	&	L ₁	L ₂	d	/	l
1815431	ITX 20 6IP	6IP	M2	2.31	30.5	14.5	12	13	1
1815458	ITX 20 8IP	8IP	M2,5 - M3	2.50	30.5	14.5	12	13	1
1815466	ITX 20 10IP	10IP	M3 - M3,5	2.74	30.5	14.5	12	13	1
1815474	ITX 20 15IP	15IP	M3,5 - M4	3.27	30.5	14.5	12	13	1
1815482	ITX 20 20IP	20IP	M4 - M5	3.86	30.5	14.5	12	14	1
1815490	ITX 20 25IP	25IP	M4,5 - M5	4.43	30.5	14.5	12	14	1
1827898	ITX 20 27IP	27IP	M5 - M6	4.99	30.5	14.5	12	14	1
1815504	ITX 20 30IP	30IP	M6	5.52	30.5	14.5	12	15	1
1815512	ITX 20 40IP	40IP	M7 - M8	6.65	33.5	14.0	14	25	1

ITX 20 K

SCREWDRIVER BIT SOCKET 1/4" with ball end for recessed TORX® head screws
 T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
 T Hand-operated, with pressed-in pin, gun-metal finish
 T Swivel angle approx. 15°-20°
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	7	+	&	L ₁	L ₂	d	/	l
6120220	ITX 20 K T10	T10	M3 - M3,5	2.74	30.5	14.5	12	20	1
6120300	ITX 20 K T15	T15	M3,5 - M4	3.27	30.5	14.5	12	20	1
6120490	ITX 20 K T20	T20	M4 - M5	3.86	30.5	14.5	12	20	1
6120570	ITX 20 K T25	T25	M4,5 - M5	4.43	30.5	14.5	12	20	1
6120650	ITX 20 K T27	T27	M4,5 - M6	4.99	30.5	14.5	12	20	1
6120730	ITX 20 K T30	T30	M6 - M7	5.52	30.5	14.5	12	20	1
6120810	ITX 20 K T40	T40	M7 - M8	6.65	33.5	14.0	14	20	1

IS 20

SCREWDRIVER BIT SOCKET 1/4" for slotted head screws
 T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
 T Hand-operated, chrome-plated
 T Bit as per DIN DIN ISO 2380-1, Form B, manganese-phosphated

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Code	No.	L	K	L ₁	L ₂	d	/	l
6171560	IS 20 4x0,8	0.8	4.0	28	14.5	12	20	10
6171640	IS 20 5,5x1	1.0	5.5	28	14.5	12	20	10
6174230	IS 20 6,5x1,2	1.2	6.5	28	14.5	12	20	10
6174310	IS 20 8x1,6	1.6	8.0	28	14.5	12	20	10



IKS 20

SCREWDRIVER BIT SOCKET 1/4"

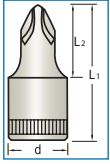
for cross-slotted head screws PH

T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove

T Hand-operated, chrome-plated

T Bit as per DIN ISO 8764-1 PH, manganese-phosphated

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Code	No.	PH	L ₁	L ₂	d	/	l
6174580	IKS 20 1	1	28	15	12	20	10
6174660	IKS 20 2	2	28	15	12	20	10
6174740	IKS 20 3	3	28	15	12	20	10
6174820	IKS 20 4	4	28	15	12	20	10

IKS 20 PZD

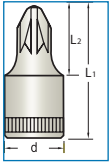
SCREWDRIVER BIT SOCKET 1/4" for cross-slotted head screws PZ

T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove

T Hand-operated, chrome-plated

T Bit as per DIN ISO 8764-1 PZ, manganese-phosphated

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Code	No.	< PZ	L ₁	L ₂	d	/	l
6187130	IKS 20 PZD 1	1	28	15	12	10	10
6187210	IKS 20 PZD 2	2	28	15	12	15	10
6187480	IKS 20 PZD 3	3	28	15	12	15	10
6187560	IKS 20 PZD 4	4	28	15	12	20	10

IN 20

SCREWDRIVER BIT SOCKET 1/4" for in-hex screws

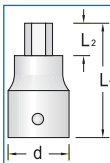
T Acc. to DIN 7422

T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove

T Hand-operated, chrome-plated, bit, manganese-phosphated

T * not standardised

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Code	No.	*	\$	L ₁	L ₂	d	/	l
1812556	IN 20 2	*	2.0	28	4.5	12	12	1
1707736	IN 20 2,5	*	2.5	28	5.0	12	13	1
6176010	IN 20 3		3.0	28	5.5	12	20	10
6176280	IN 20 4		4.0	28	7.0	12	20	10
6176360	IN 20 5		5.0	28	8.0	12	20	10
6178490	IN 20 6		6.0	28	8.5	12	25	10
6178570	IN 20 8	*	8.0	28	10.0	12	25	10



IN 20 L

SCREWDRIVER BIT SOCKET 1/4" long,

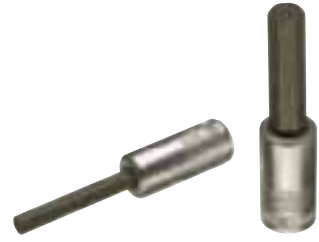
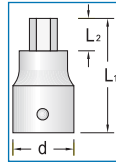
for in-hex screws

T Acc. to DIN 7422

T Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove

T Hand-operated, chrome-plated, bit manganese-phosphated

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Code	No.	\$	L ₁	L ₂	d	/	l
1933256	IN 20 L 3-60	3	60	32	12	24	1
1933264	IN 20 L 4-60	4	60	32	12	25	1
1933272	IN 20 L 5-60	5	60	32	12	27	1
1933280	IN 20 L 6-60	6	60	32	12	29	1
1933299	IN 20 L 8-60	8	60	32	14	50	1

RATCHETS 6.3 (1/4")

2093 U-20

REVERSIBLE RATCHET 1/4"

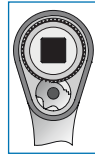
T Acc. to DIN 3122, ISO 3315

T Fine-toothed, with lever change and push-button release

T Non-slip 2-component handle with hanging hole

T For hand-operated sockets and accessories with square drive as per DIN 3120 C 6.3, ISO 1174, ball locking device

m
b



Code	No.	a"	a	A°	y	ä	/	l
1703749	2093 U-20	1/4	6.3	9	127	20	91	1



2093 U-10

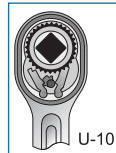
REVERSIBLE RATCHET 1/4"

T Acc. to DIN 3122, ISO 3315

T With lever change, locks in middle position

T For hand-operated sockets and accessories with square drive as per DIN 3120 C 6.3, ISO 1174, ball locking device

m
b



Code	No.	a"	a	A°	y	ä	/	l
6180470	2093 U-10	1/4	6.3	15	129	22.2	105	5



2093 U-3

REVERSIBLE RATCHET 1/4"

- T Acc. to DIN 3122, ISO 3315
- T With non-slip metal disc change, fine-toothed and robust
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 6.3, ISO 1174, ball locking device

m
b



Code	No.	a *	a	A °	y	ä	/	l
6170590	2093 U-3	1/4	6.3	5	129	25	65	5

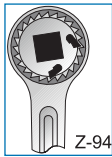


2093 Z-94

RATCHET HANDLE WITH COUPLER 1/4"

- T Acc. to DIN 3122, ISO 3315
- T With square coupler, medium-fine toothed, extremely rugged
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 6.3, ISO 1174, ball locking device

m
b



Code	No.	a *	a	A °	y	ä	/	l
6170750	2093 Z-94	1/4	6.3	18	129	12	65	5

2093 U-3 T

RATCHET WITH T-HANDLE 1/4"

- T With metal reversing disc and fine-toothed ratchet wheel
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 6.3, ISO 1174, ball locking device

m
b



Code	No.	a *	a	A °	y	/	l
1791532	2093 U-3 T	1/4	6.3	5	140	56	1

2093 HR-94

HAND RATCHET 1/4" without handle

- T With square coupler
- T Facilitates working quickly in confined spaces where other ratchets or tools do not fit
- T Especially suitable for servicing work in conjunction with extension 2090-12
- T Dimensions: Ø 26 x 20 mm

m
b



Code	No.	a *	a	A °	/	l
6069870	2093 HR-94	1/4	6.3	18	28	1

ACCESSORIES 6.3 (1/4")

2030

CONVERTOR 1/4" TO 3/8"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

M
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c



b

Code	No.	Q *	Q	a *	a	y	/	l
6170080	2030	1/4	6.3	3/8	10	26	15	10

2087

SLIDING T BAR 1/4"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

m
b



Code	No.	a *	a	y	/	l
6170160	2087	1/4	6.3	115	40	5

2087 A

SLIDING T BAR WITH RELEASE 1/4"

- T Secured against unintentional removal
- T Turn handle for easy locking and releasing
- T Accidental release when working is prevented because of the asymmetrical release point
- T Particularly useful for work in sensitive areas where certainty against loss is a theme
- T Examples: Aircraft engine, work in deep machine bodies
- T DBGM

m
b



Code	No.	a *	a	y	/	l
1834398	2087 A	1/4	6.3	115	38	1

2088

FLEXIBLE EXTENSION 1/4"

- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

m
b



Code	No.	a *	a	y	/	l
6170240	2088	1/4	6.3	120	45	10

2090

EXTENSION 1/4"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device
- T * not standardised

m
b



Code	No.	*	a *	a	y	/	l
6170320	2090-2		1/4	6.3	55	25	10
6170400	2090-4		1/4	6.3	97	45	10
6171210	2090-6		1/4	6.3	148	50	10
6173340	2090-12	*	1/4	6.3	305	120	1



2090 A

EXTENSION 1/4" with release

- T Easy access to deep-fitting screws in confined areas
- T No unintentional release of the socket from the extension due to safety ring
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

m
b



Code	No.	a "	a	y	/	l
1932284	2090 A-2	1/4	6.3	55	30	1
1932292	2090 A-4	1/4	6.3	97	50	1
1932306	2090 A-12	1/4	6.3	305	125	1

2090 KR

UNIVERSAL EXTENSION 1/4"

- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device
- T The extension is able to pivot up to 15°

m
b



Code	No.	a "	a	y	/	l
1812564	2090 KR-2	1/4	6.3	55	25	1
1812572	2090 KR-4	1/4	6.3	97	45	1
6121030	2090 KR-6	1/4	6.3	148	60	1



2094

COUPLER 1/4"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

m
b



Code	No.	a "	a	y	/	l
6170830	2094	1/4	6.3	19.8	5	10

2095

UNIVERSAL JOINT 1/4"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

m
b



Code	No.	a "	a	Q "	Q	y	/	l
6170910	2095	1/4	6.3	1/4	6.3	38	20	10

2097

SWIVEL HANDLE 1/4"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

m
b



Code	No.	a "	a	y	/	l
6171050	2097	1/4	6.3	146	75	1

2098

DRIVING HANDLE 1/4"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

m
b



Code	No.	a "	a	y	/	l
6171480	2098	1/4	6.3	140	70	10

2098 K

DRIVING HANDLE 1/4" short pattern

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

m
b



Code	No.	a "	a	y	/	l
1953788	2098 K	1/4	6.3	70	34	1

2098 T

DRIVING HANDLE 1/4"

- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device
- T With bit adaptor no. 620 also suitable for 1/4" bits
- T Easy access to deep-fitting screws in confined areas
- T With hanging hole

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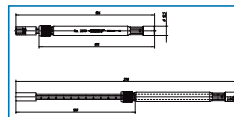
Code	No.	a "	a	y	/	l
1939998	2098 T	1/4	6.3	300	150	1

2099

TELESCOPIC EXTENSION 1/4" magnetic

- T With 1/4" female square drive and 1/4" female hexagon drive
- T Automatic, form-fit connection
- T Adjustable in 10 mm steps from 186-296 mm
- T Suitable for 1/4" bits as well as with adaptor no. 673 for sockets up to 13 mm
- T Made of quality steel, manganese-phosphated resp. chrome-plated

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Code	No.	Q "	Q	- "	-	y	/	l
1888455	2099	1/4	6.3	1/4	6.3	186-296	205	1

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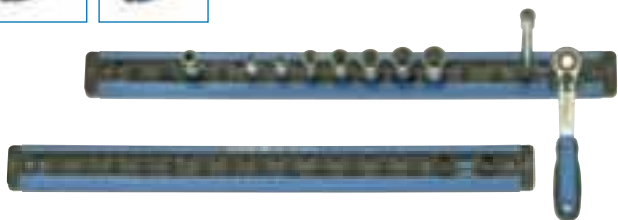
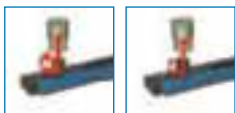


SL 2013

TOOL HOLDING RAIL, MAGNETIC 1/4" empty

- T External squares to take 13 standard commercial 6.3 mm (1/4") sockets
- T Two female square adaptors to take ratchets, sliding T bars, extensions etc.
- T A strong magnet securely holds the socket rail to ferrous metals
- T Additional holes are provided for wall mounting the socket rail or attaching to non-ferrous materials
- T The sockets are securely locked by the ball at the square-drive end by turning them 90°
- T It is a simple matter to "unlock" and remove the sockets, by turning them 90° in the opposing direction
- T Delivery without tools

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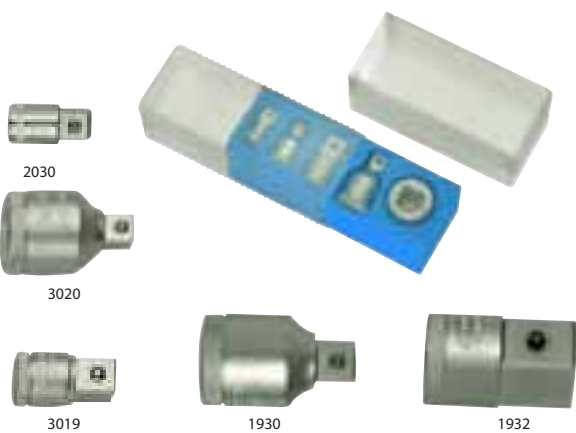
Code	No.	y	W	/	l
1761080	SL 2013	380	33	350	1

S 2032-05

ADAPTOR SET 1/4" 5 pieces

- T Set of reducers and converters 1/4" - 3/4"
- T Reducers 1930, 3020
- T Convertors 2030, 3019, 1932
- T In transparent plastic box L 134 x W 51 x H 51 mm
- T Please take note of the maximum capacity of the external squares of the reducers acc. to DIN 3123, ISO 3316

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Code	No.	Contents	/	l
1729071	S 2032-05	2030 R-c 3020 S-b 3019 S-d 1930 T-c 1932 T-e	335	1



SETS 6.3 (1/4")

m b

- T New classification into basic, supplementary, compact and volume sets
- T Socket drivers and/or practical accessories in proven GEDORE quality
- T With "Check-Tool-System": 2-colour plastic insert to check that the set is complete

BASIC SETS



D 20 DM

SOCKET SET 1/4" 14 pieces

- T In plastic case
- T Dimensions: 160 x 95 x 38 mm

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Code	No.	/	l
1815563	D 20 DM 3 D 20 4 4,5 5 5,5 6 7 8 9 10 11 12 13 673 6,3 676	346	1

D 20 DMU-3

SOCKET SET 1/4" 14 pieces

- T In plastic case
- T Dimensions: 160 x 95 x 38 mm

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Code	No.	/	l
1815598	D 20 DMU-3 # 2093 U-3 3 D 20 4 4,5 5 5,5 6 7 8 9 10 11 12 13 2090-4	415	1

D 20 DMU-3 T

SOCKET SET 1/4" 13 pieces

- T In plastic case
- T Dimensions: 160 x 95 x 38 mm

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Code	No.	/	l
1815571	D 20 DMU-3 T # 2093 U-3 T 2093 HR-94 3 D 20 4 5 6 7 8 9 10 11 12 13 2090 KR-4	401	1



SUPPLEMENTARY SETS

INS 20 PM

SCREWDRIVER BIT SOCKET SET 1/4" 15 pieces
 T In plastic case
 T Dimensions: 160 x 95 x 38 mm



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Code	No.	/	l
1815601	INS 20 PM 5 IN 20 3 4 5 6 8 ? IS 20 4 5,5 6,5 8 ; IKS 20 1 2 3 < IKS 20 PZD 1 2 3	275	1

ITX 20 TX-015

SCREWDRIVER BIT SOCKET SET 1/4" 15 pieces
 T In plastic case
 T Dimensions: 160 x 95 x 38 mm
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



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Code	No.	/	l
1815628	ITX 20 TX-015 7 ITX 20 T8 T9 T10 T15 T20 T25 T27 T30 T40 9 TX 20 E4 E5 E6 E7 E8 E10	295	1

ITX 20 PM

SCREWDRIVER BIT SOCKET SET 1/4" 9 pieces
 T In plastic case
 T Dimensions: 110 x 65 x 31 mm
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



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Code	No.	/	l
1815636	ITX 20 PM 7 ITX 20 T8 T9 T10 T15 T20 T25 T27 T30 T40	200	1

COMPACT SETS

D 20 EMU-3

SOCKET SET 1/4" 17 pieces
 T In plastic case
 T Dimensions: 200 x 120 x 38 mm



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Code	No.	/	l
1815652	D 20 EMU-3 # 2093 U-3 3 D 20 4 4,5 5 5,5 6 7 8 9 10 11 13 + 2087 ' 2090-4) 2095 - 676 673 6,3	577	1



D 20 K

SOCKET SET 1/4" 37 pieces
 T In plastic case
 T Dimensions: 200 x 120 x 38 mm
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



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Code	No.	/	l	G
1822373	D 20 KMU-20 2093 U-20 3 D 20 4 5 6 7 8 9 10 11 12 13 ? 680 4 5,5 6,5 5 685 3 4 5 6 . 685 X 5 6 8 7 687 TX T10 T15 T20 T25 T27 T30 T40 ; 690 1 2 < 690 PZD 1 2 3 ' 2090-4 7 620 - 676 699	656	1	
2010348	D 20 KAU-20 2093 U-20 3 D 20 3/16 7/32 1/4 9/32 5/16 11/32 3/8 13/32 7/16 1/2" ? 680 4 5,5 6,5 5 685 1/8 5/32 3/16 1/4" . 685 X 5 6 8 7 687 TX T10 T15 T20 T25 T27 T30 T40 ; 690 1 2 < 690 PZD 1 2 3 ' 2090-4 7 620 - 676 699		1	G



D 20 TMU-10

SOCKET SET 1/4" 40 pieces

- T In plastic case
- T Dimensions: 200 x 120 x 38 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



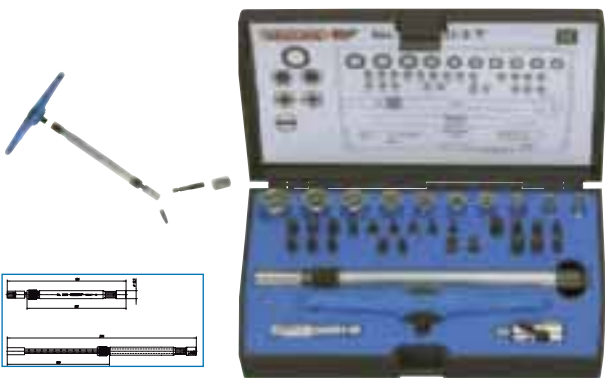
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Code	No.	/	I
1815660	D 20 TMU-10	720	1
	\$ 2093 U-10		
	3 D 20 4 5 6 7 8 9 10 11 12 13		
	? 680 4 6,5 5 685 3 4 5 6 8		
	. 685 X 5 6 8		
	7 687 TX T10 T15 T20 T25 T27 T30 T40		
	; 690 1 2 < 690 PZD 1 2 3 620		
	639 673 6,3 - 676 699		
	) 2095 2090-4		

20 XLU-3 T

SOCKET SET 1/4" 37 pieces

- T With telescopic extension no. 2099, for universal work
- T In plastic case
- T Dimensions: 200 x 120 x 38 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



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Code	No.	/	I
1888447	20 XLU-3 T	800	1
	# T 2093 U-3T		
	1 20 4 5 6 7 8 9 10 11 12 13		
	? 680 4 6,5 5 685 3 4 5 6 . 685 X 5 6 8		
	7 687 TX T8 T9 T10 T15 T20 T25 T27 T30 T40		
	; 690 1 2 < 690 PZD 1 2 3 673 6,3 2099		
	) 2095		



Deviant packing units see article description.

VOLUME SETS

D 20 FMU-20

SET FOR PRECISION MECHANICS 1/4" + 4 MM 52 pieces

- T Practical tool set for precision mechanical work
- T Includes practical pickup tool for bits, no. 635, for easy replacement of the bits in the socket
- T Two ratchets for different applications:
 - T Fine-toothed reversible lever ratchet no. 2093 U-20 for high-torque bit ratchet no. 471, combined with socket holder no. 673, allows the use of sockets in extremely confined spaces
- T With GEDORE Check-Tool system: missing tool check using two colour plastic inserts



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Code	No.	/	I	G
2000237	D 20 FMU-20	810	1	G
	471			G
	2093 U-20			
	? 480 0,8 1,2 1,5 1,8			
	5 485 0,7 0,9 1,3 1,5			
	; 490 PH 000 00 0			
	< 490 PZD 000 00 0			
	7 487 TX T3 T4 T5 T6 T7 T8			
	3 D 20 4 4,5 5 5,5 6 7 8			
	5 685 2 2,5 3 4 5			
	7 687 TX T9 T10 T15 T20 T25			
	; 690 1 2 < 690 PZD 1 2			
	= 6 4x4,5 5x5,5 7x8 420 499			
	7 620 2090 KR-4 673 K 635			

D 20 WMU-3

SOCKET SET 1/4" 29 pieces

- T In plastic case
- T Dimensions: 275 x 150 x 42 mm



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Code	No.	/	I
1815679	D 20 WMU-3	906	1
	# 2093 U-3		
	3 D 20 4 4,5 5 5,5 6 7 8 9 10 11 12 13		
	= 8 4 5 5,5 6 7 8 9 10 11 13		
	639 673 6,3 - 676		
	) 2095 2090-2 -4		



20 LMU-10

SOCKET SET 1/4" 49 pieces

T With short and long sockets
 T In plastic case
 T Dimensions: 275 x 150 x 42 mm
 T TORX® = trademark of Acument Intellectual Properties, LLC. USA



b



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Code	No.	/	l
1815687	20 LMU-10	1175	1
	\$ 2093 U-10		
	3 D 20 4 5 6 7 8 9 10 11 12 13		
	1 20 L 4,5 5 6 7 8 9 10 12 13		
	? 680 4 6,5 5 685 3 4 5 6 8		
	. 685 X 5 6 8		
	7 687 TX T10 T15 T20 T25 T27 T30 T40		
	; 690 1 2 < 690 PZD 1 2 3 7 620		
	- 676 699 ' 2090-2 -6) 2095		

STANDARD SETS

20 E

SOCKET SET 1/4" 16 pieces / 14 pieces

T In plastic case
 T Dimensions: 200 x 120 x 38 mm



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Code	No.	/	l
6172100	20 EMZ	710	1
	! 2093 Z-94		
	1 20 4 4,5 5 5,5 6 7 8 9 10 11 13		
	+ 2087 ' 2090-4) 2095 - 2098		
6172290	20 EMU-3	710	1
	# 2093 U-3		
	1 20 4 4,5 5 5,5 6 7 8 9 10 11 13		
	+ 2087 ' 2090-4) 2095 - 2098		
6162220	20 EMU-10	770	1
	\$ 2093 U-10		
	1 20 4 4,5 5 5,5 6 7 8 9 10 11 13		
	+ 2087 ' 2090-4) 2095 - 2098		
6172450	20 EAU-3	700	1
	# 2093 U-3		
	1 20 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16 1/2"		
	+ 2087 ' 2090-4) 2095 - 2098		

20 IMU-3

SOCKET SET 1/4" 32 pieces

T In plastic case
 T Dimensions: 275 x 150 x 42 mm



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Code	No.	/	l
6174150	20 IMU-3	1300	1
	# 2093 U-3		
	1 20 4 5 6 7 8 9 10 11 12 13 14		
	? IS 20 4 5,5 6,5 8 5 IN 20 3 4 5 6 8		
	; IKS 20 1 2 3 < IKS 20 PZD 1 2 3		
	+ 2087 ' 2090-2 -6) 2095 - 2098		



20 ITU-3

SOCKET SET 1/4" 36 pieces

T In plastic case
 T Dimensions: 275 x 150 x 42 mm
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



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Code	No.	/	l
6196710	20 ITU-3	1300	1
	# 2093 U-3		
	1 20 4 5 6 7 8 9 10 11 12 13 14		
	5 IN 20 3 4 5 6 8		
	9 TX 20 E4 E5 E6 E7 E8 E10		
	7 ITX 20 T8 T9 T10 T15 T20 T25 T27 T30		
	+ 2087 ' 2090-2 -6) 2095 - 2098		



DISPLAY BOXES

VB 20

DISPLAY BOX 1/4"

- T For small sockets and bits
- T Plastic box with removable dividers and labels for each article
- T Dimensions: 330 x 250 x 55 mm



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Code	No.	Description	Ø	l
6182170	VB 20-I20 VB 20-I20 L + S 20-I20	Display box with assortment S 20-I20	2.4	1
6182090	VB 20 ZB VB 20 ZB L + S 20 ZB	Display box with assortment VB 20 ZB	2.5	1
6182330	S 20-I20 10x 1 20 10 6x 1 20 4 5 5,5 6 7 8 9 11 13 3x 1 20 4,5 12 14 6x 5 IN 20 3 4 5 6 3x 5 IN 20 8 6x ? IS 20 4 5,5 6,5 3x ? IS 20 8 6x ; IKS 20 1 2 3x ; IKS 20 3 4 6x < IKS 20 PZD 1 2 3x < IKS 20 PZD 3 4	Socket set 1/4", 157 pieces	2.7	1
6182250	S 20 ZB 6x 2093 U-3 4x 2093 Z-94 6x 2087 6x 2090-4 -6 4x 2090-2 6x 2095 6x 2098 2x 2088 2x 2097 2x 2030 10x 2094	Accessory-set 1/4", 60 pieces	2.5	1

VS 20

DISPLAY BOX 1/4" 187 pieces

- T VS 20-20 L-I20 consisting of: set **S20-I20** and 5 pcs each of **20 L 6 7 8 9 10 13**
- T In sheet metal rack
- T Dimensions: 600 x 230 x 270 mm



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Code	No.	Description	Ø	l
6195820	VS 20-20 L-I20	Display stand with socket assortment 1/4" + 5 each 20 L 6 7 8 9 10 13	8.0	1
5434110	VS 20 L	Display stand complete without tools	5.3	1
5434030	VS B 20	Display stand with 9 compartments without tools	0.5	1
5433810	VSS 20	Sheet metal rack empty	3.2	1

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10 (3/8") SQUARE DRIVE

NSnc

SOCKETS 10 (3/8")



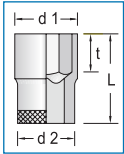
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30

SOCKET 3/8" hexagon

T Acc. to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - C 10, ISO 1174,
 with ball retention groove
 T Hand-operated, polished, chrome-plated
 T * not standardised

NSnc



Code	No.	*	l	L	d ₁	d ₂	t	/	l
6230160	30 6	*	6	28	9.7	17.5	5.0	20	10
6230240	30 7		7	28	11.0	17.5	5.0	22	10
6230320	30 8		8	28	12.1	17.5	9.0	24	10
6230400	30 9		9	28	13.5	17.5	9.0	26	10
6230590	30 10		10	28	14.7	17.5	9.0	30	10
6233850	30 11		11	28	16.0	17.5	9.0	30	10
6233930	30 12		12	28	17.2	18.3	9.0	32	10
6234070	30 13		13	28	18.5	17.5	9.0	35	10
6234150	30 14		14	29	19.7	18.4	11.0	40	10
6234230	30 15		15	30	21.0	19.7	12.5	42	10
6234310	30 16		16	30	22.2	21.0	12.5	48	10
6234580	30 17		17	30	23.5	22.3	12.5	55	10
6234660	30 18		18	30	24.7	23.0	12.5	60	10
6234740	30 19		19	30	26.0	23.7	12.5	70	10
6234820	30 20		20	31	27.2	24.5	12.5	75	5
6234900	30 21		21	31	28.5	25.8	13.5	82	5
6235040	30 22		22	32	29.7	26.3	14.5	85	5

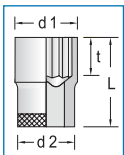
Code	No.	**	L	d ₁	d ₂	t	/	l
6232100	30 1/4AF	1/4	28	10.1	17.5	5.0	20	1
6232290	30 9/32AF	9/32	28	11.1	17.5	5.0	22	1
6232370	30 5/16AF	5/16	28	12.1	17.5	9.0	24	1
6232450	30 11/32AF	11/32	28	13.1	17.5	9.0	26	1
6232530	30 3/8AF	3/8	28	14.1	17.5	9.0	26	1

D 30

SOCKET 3/8" UD profile

T Acc. to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - C 10, ISO 1174,
 with ball retaining groove
 T Hand-operated, polished, chrome-plated
 T * not standardised

NSnc



Code	No.	*	l	L	d ₁	d ₂	t	/	l
1845705	D 30 6	*	6	28	9.7	17.5	5.0	20	10
1845713	D 30 7		7	28	11.0	17.5	5.0	22	10
1845721	D 30 8		8	28	12.1	17.5	9.0	24	10
1845748	D 30 9		9	28	13.5	17.5	9.0	26	10
6229230	D 30 10		10	28	14.7	17.5	9.0	30	10
6230670	D 30 11		11	28	16.0	17.5	9.0	30	5
6230750	D 30 12		12	28	17.2	18.3	9.0	32	5

Code	No.	*	l	L	d ₁	d ₂	t	/	l
6230830	D 30 13		13	28	18.5	17.5	9.0	35	10
6230910	D 30 14		14	29	19.7	18.4	11.0	40	5
6231050	D 30 15		15	30	21.0	19.7	12.5	42	5
6231130	D 30 16		16	30	22.2	21.0	12.5	48	5
6231210	D 30 17		17	30	23.5	22.3	12.5	55	10
6231480	D 30 18		18	30	24.7	23.0	12.5	60	5
6231560	D 30 19		19	30	26.0	23.7	12.5	70	10
6231640	D 30 20		20	31	27.2	24.5	12.5	75	5
6231720	D 30 21		21	31	28.5	25.8	13.5	82	5
6231800	D 30 22		22	32	29.7	26.3	14.5	85	5

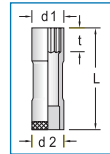
Code	No.	**	L	d ₁	d ₂	t	/	l	G
2016613	D 30 1/4AF	1/4	28	10.1	17.5	5.0	20	1	G
1997122	D 30 5/16AF	5/16	28	12.1	17.5	5.0	20	1	G
1997130	D 30 3/8AF	3/8	28	14.1	17.5	9.0	10	1	G
1997149	D 30 13/32AF	13/32	28	15.0	17.5	9.0	20	1	G
6232610	D 30 7/16AF	7/16	28	16.1	17.5	9.0	30	1	
6232880	D 30 1/2AF	1/2	28	18.1	19.2	9.0	35	1	
6232960	D 30 9/16AF	9/16	29	20.1	18.7	11.0	40	1	
6233180	D 30 19/32AF	19/32	30	21.0	19.7	12.5	42	1	
6233260	D 30 5/8AF	5/8	30	22.1	20.7	12.5	48	1	
6233340	D 30 11/16AF	11/16	30	24.0	22.7	12.5	55	1	
6233420	D 30 3/4AF	3/4	30	26.0	23.7	12.5	70	1	
1997157	D 30 25/32AF	25/32	31	27.0	24.3	12.5	75	1	G
1997165	D 30 13/16AF	13/16	31	28.0	25.3	12.5	80	1	G
6232020	D 30 7/8AF	7/8	32	30.0	26.5	14.5	100	1	
1997173	D 30 15/16AF	15/16	33	31.9	28.0	15.5	110	1	G
1983296	D 30 1AF	1	33	33.9	30.0	15.5	120	1	G

D 30 L

SOCKET 3/8" long, UD profile

T Acc. to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - C 10, ISO 1174,
 with ball retaining groove
 T Hand-operated, polished, chrome-plated

NSnc



Code	No.	l	L	d ₁	d ₂	t	/	l
6258330	D 30 L 10	10	63.5	14.7	17.5	11	50	10
6258410	D 30 L 11	11	63.5	16.0	17.5	12	60	5
6258680	D 30 L 12	12	63.5	17.2	17.5	14	65	5
6258760	D 30 L 13	13	63.5	18.5	19.0	14	70	10
6258840	D 30 L 14	14	63.5	19.7	19.5	17	85	5
6258920	D 30 L 15	15	63.5	21.0	20.5	17	85	5
6259060	D 30 L 16	16	63.5	22.2	22.0	17	95	5
6259140	D 30 L 17	17	63.5	23.5	20.5	17	105	5
6259220	D 30 L 18	18	63.5	24.7	21.5	20	110	5
6259300	D 30 L 19	19	63.5	26.0	22.0	20	120	5
6259490	D 30 L 20	20	63.5	27.2	23.5	20	135	1
6259570	D 30 L 21	21	63.5	28.5	23.5	20	145	1
6259650	D 30 L 22	22	63.5	29.7	23.5	23	160	1

Code	No.	**	L	d ₁	d ₂	t	/	l
6259730	D 30 L 3/8AF	3/8	63.5	14.1	17.5	11	50	1
6259810	D 30 L 7/16AF	7/16	63.5	16.1	17.5	12	60	1
6260070	D 30 L 1/2AF	1/2	63.5	18.1	19.0	14	70	1
6260150	D 30 L 9/16AF	9/16	63.5	20.1	19.5	17	85	1
6260230	D 30 L 5/8AF	5/8	63.5	22.1	22.0	17	95	1
6260310	D 30 L 11/16AF	11/16	63.5	24.0	20.5	17	105	1
6260580	D 30 L 3/4AF	3/4	63.5	26.0	22.0	20	135	1
6260660	D 30 L 13/16AF	13/16	63.5	28.3	23.5	20	145	1
6260740	D 30 L 7/8AF	7/8	63.5	30.0	23.5	23	160	1

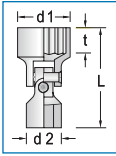


DG 30

SWIVEL HEAD SOCKET 3/8" UD profile

T Hand-operated, square drive, chrome-plated

NS 3



Code	No.	l	L	d ₁	d ₂	t	/	l
6240630	DG 30 10	10	41.5	14.7	19.0	8.0	55	1
6240710	DG 30 11	11	41.5	16.0	19.0	8.0	55	1
6240980	DG 30 12	12	42.5	17.2	19.0	9.0	60	1
6241520	DG 30 13	13	42.5	18.5	19.0	9.0	60	1
6241600	DG 30 14	14	43.5	19.7	19.0	10.0	60	1
6241790	DG 30 15	15	45.5	21.0	19.0	11.0	65	1
6241870	DG 30 16	16	45.5	22.2	19.0	11.0	70	1
6241950	DG 30 17	17	46.0	23.5	19.0	12.0	70	1
6242410	DG 30 18	18	46.0	24.7	19.0	12.5	75	1
6242680	DG 30 19	19	46.5	26.0	19.0	12.5	75	1

TX 30

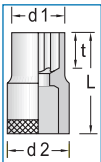
SOCKET 3/8" for protruding TORX® head screws

T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove

T Hand-operated, polished, chrome-plated

T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

NS 6



Code	No.	ø	+	&	L	d ₁	d ₂	t	/	l
6250270	TX 30 E5	E5	M4	4.75	28	7.2	17.5	5.0	25	5
6250350	TX 30 E6	E6	M5	5.74	28	8.5	17.5	5.0	25	5
6250430	TX 30 E7	E7	M6	6.22	28	9.5	17.5	5.5	25	5
6250510	TX 30 E8	E8	M6 - M7	7.52	28	10.8	17.5	6.0	25	5
6250780	TX 30 E10	E10	M8	9.42	28	13.2	17.5	9.0	30	5
6250860	TX 30 E11	E11	-	10.08	28	13.8	17.5	9.0	30	5
6250940	TX 30 E12	E12	M10	11.17	28	15.2	17.5	9.0	30	5
6251080	TX 30 E14	E14	M12	12.90	28	16.8	18.3	9.0	35	5

ITX 30

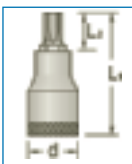
SCREWDRIVER BIT SOCKET 3/8" for recessed TORX® head screws

T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove

T Hand-operated, with pressed-in pin, gun-metal finish

T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

NS 7



Code	No.	ø	+	&	L ₁	L ₂	d	/	l
6246320	ITX 30 T20	T20	M4 - M5	3.86	49	17	17.5	45	5
6246830	ITX 30 T25	T25	M4,5 - M5	4.43	49	17	17.5	45	5
6247210	ITX 30 T27	T27	M4,5 - M6	4.99	49	17	17.5	45	5
6247560	ITX 30 T30	T30	M6 - M7	5.52	49	17	17.5	45	5
6247720	ITX 30 T40	T40	M7 - M8	6.65	49	17	17.5	45	5
6247800	ITX 30 T45	T45	M8 - M10	7.82	49	17	17.5	50	5
6247990	ITX 30 T50	T50	M10	8.83	49	17	19.0	70	5

ITX 30 L

SCREWDRIVER BIT SOCKET 3/8" long, for recessed TORX® head screws

T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove

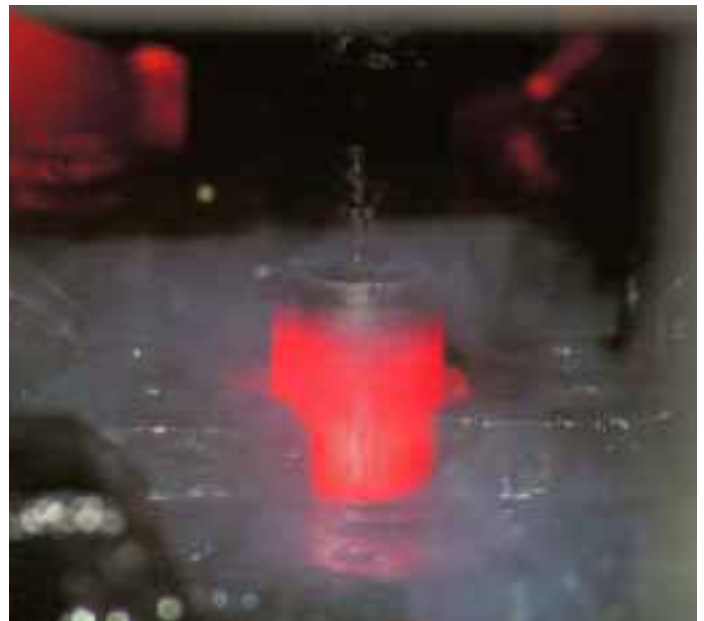
T Hand-operated, with pressed-in pin, gun-metal finish

T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

NS 7



Code	No.	ø	+	&	L ₁	L ₂	d	/	l
1394177	ITX 30 L T20	T20	M4 - M5	3.86	94	62	17.5	45	5
1394185	ITX 30 L T25	T25	M4,5 - M5	4.43	94	62	17.5	45	5
1394193	ITX 30 L T27	T27	M4,5 - M6	4.99	94	62	17.5	45	5
1394207	ITX 30 L T30	T30	M6 - M7	5.52	94	62	17.5	45	5
1394215	ITX 30 L T40	T40	M7 - M8	6.65	94	62	17.5	45	5
1394223	ITX 30 L T45	T45	M8 - M10	7.82	94	62	17.5	50	5
1394231	ITX 30 L T50	T50	M10	8.83	94	62	19.0	70	5



ITX 30 B

SCREWDRIVER BIT SOCKET 3/8" for recessed TORX® head screws with pilot

T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove

T Hand-operated, with pressed-in pin, gun-metal finish

T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

NS 8



Code	No.	ø	+	&	L ₁	L ₂	d	Bore	/	l
1440969	ITX 30 B T20	T20	M4 - M5	3.86	49	17	17.5	1,55 x 1,86	47	5
1440977	ITX 30 B T25	T25	M4,5 - M5	4.43	49	17	17.5	1,93 x 2,04	47	5
1440985	ITX 30 B T27	T27	M4,5 - M6	4.99	49	17	17.5	2,18 x 2,29	46	5
1440993	ITX 30 B T30	T30	M6 - M7	5.52	49	17	17.5	2,56 x 2,92	84	5
1429701	ITX 30 B T40	T40	M7 - M8	6.65	49	17	19.0	2,92 x 3,28	64	5
1441000	ITX 30 B T45	T45	M8 - M10	7.82	49	17	19.0	3,45 x 3,68	65	5
1441019	ITX 30 B T50	T50	M10	8.83	49	17	20.5	3,83 x 3,78	77	5



IS 30

SCREWDRIVER BIT SOCKET 3/8" for slotted head screws

- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, blade as per DIN ISO 2380-1, Form B, manganese-phosphated

NS?



Code	No.	L ₁	K	L ₂	d	/	l
6666100	IS 30 5,5x1	1.0	5.5	55	27	17.5	45 5
1640895	IS 30 6,5x1,2	1.2	6.5	55	27	17.5	45 1
6666290	IS 30 8x1,2	1.2	8.0	55	23	17.5	50 5
6666370	IS 30 10x1,6	1.6	10.0	55	23	19.0	55 5
1640909	IS 30 12x2	2.0	12.0	55	23	20.5	80 1



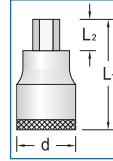
S

IN 30

SCREWDRIVER BIT SOCKET 3/8" for in-hex screws

- T Acc. to DIN 7422
- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, bit manganese-phosphated
- T * not standardised

NS



Code	No.	*	\$	L ₁	L ₂	d	/	l
6241010	IN 30 4		4	47	19	17.5	43	10
6241280	IN 30 5		5	47	19	17.5	44	10
6241360	IN 30 6		6	47	19	17.5	45	10
1643037	IN 30 7	*	7	47	19	17.5	46	1
6241440	IN 30 8		8	49	17	17.5	47	10
6242920	IN 30 10		10	49	17	19.0	60	10

IKS 30

SCREWDRIVER BIT SOCKET 3/8" for cross-slotted head screws PH

- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, tip as per DIN ISO 8764-1 PH, gun-metal finish

NS



Code	No.	PH	L ₁	L ₂	d	/	l
6666610	IKS 30 1	1	55	27	17.5	35	5
6666880	IKS 30 2	2	55	23	17.5	45	5
6666960	IKS 30 3	3	55	23	19.0	50	5

Detailed information on products, promotions and trade fairs

... www.gedore.com

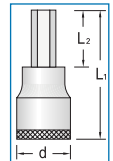


IN 30 L

SCREWDRIVER BIT SOCKET 3/8" long, for in-hex screws

- T Acc. to DIN 7422
- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, bit manganese-phosphated

NS



Code	No.	\$	L ₁	L ₂	d	/	l
1510118	IN 30 L 4-95	4	95	67	17.5	44	10
1394347	IN 30 L 5-95	5	95	67	17.5	44	10
1394355	IN 30 L 6-95	6	95	67	17.5	44	10
1394363	IN 30 L 7-95	7	95	67	17.5	44	10
1394371	IN 30 L 8-95	8	95	63	17.5	44	10
1394398	IN 30 L 10-95	10	95	63	19.0	44	10

IKS 30 PZD

SCREWDRIVER BIT SOCKET 3/8" for cross-slotted head screws PZ

- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, tip as per DIN ISO 8764-1 PZ, gun-metal finish

NS



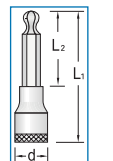
Code	No.	< PZ	L ₁	L ₂	d	/	l
1640968	IKS 30 PZD 1	1	55	27	17.5	40	1
1640976	IKS 30 PZD 2	2	55	23	17.5	50	1
1640984	IKS 30 PZD 3	3	55	23	19.0	55	1

IN 30 LK

SCREWDRIVER BIT SOCKET 3/8" long, with ball end, for in-hex screws

- T Total swivel angle approx. 15°-20°
- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, bit gun-metal finished

NS



Code	No.	\$	L ₁	L ₂	d	/	l
1505718	IN 30 LK 4	4	132	104	17.5	44	10
1505726	IN 30 LK 5	5	132	104	17.5	51	10
1505742	IN 30 LK 6	6	132	104	17.5	59	10
1505750	IN 30 LK 8	8	134	102	17.5	88	10
1505769	IN 30 LK 10	10	134	102	19.0	126	10



INX 30

SCREWDRIVER BIT SOCKET 3/8" for multi-point screws

- T Acc. to DIN 2324
- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, tip as per DIN 2325, manganese-phosphated

NS



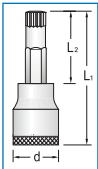
Code	No.	+	L ₁	L ₂	d	/	l
6242170	INX 30 5	M 5	49	17	17.5	44	5
6242250	INX 30 6	M 6	49	17	17.5	45	5
6242330	INX 30 8	M 8	49	17	17.5	47	5

INX 30 L

SCREWDRIVER BIT SOCKET 3/8" long, for multi-point screws

- T Acc. to DIN 2324
- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, tip as per DIN 2325, manganese-phosphated

NS



Code	No.	+	L ₁	L ₂	d	/	l
1394312	INX 30 L 6	M 6	94	62	17.5	45	5
1394320	INX 30 L 8	M 8	94	62	17.5	47	5
1394339	INX 30 L 10	M 10	94	62	19.0	50	5

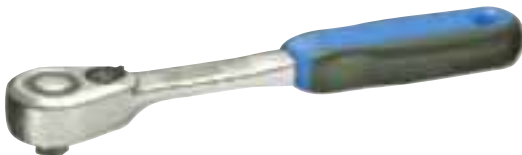
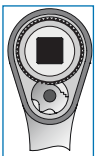
RATCHETS 10 (3/8")

3093 U-20

REVERSIBLE RATCHET 3/8"

- T Acc. to DIN 3122, ISO 3315
- T Fine-toothed, with lever change and push-button release
- T Non-slip 2-component handle with hanging hole
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

nc



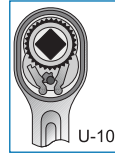
Code	No.	a"	a	A°	y	ä	/	l
1556800	3093 U-20	3/8	10	6	200	29.7	320	5

3093 U-10

REVERSIBLE RATCHET 3/8"

- T Acc. to DIN 3122, ISO 3315
- T With lever change, locks in middle position
- T Push-button release
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

nc



Code	No.	a"	a	A°	y	ä	/	l
6236950	3093 U-10	3/8	10	11,25	200	30.2	250	5

3093 ALU-10

ALUMINIUM REVERSIBLE RATCHET 3/8"

- T Design spec. similar to DIN 3122, ISO 3315
- T Made from special-purpose drop-forged and hardened aluminium
- T The mechanism as in all U-10 ratchets is made from high quality steel
- T With lever change
- T Push-button release
- T Locks in the middle position: When the lever is flipped, it automatically engages for clockwise or counterclockwise operation
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device
- T Extremely lightweight - just 158 g

nc



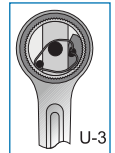
Code	No.	a"	a	A°	y	ä	/	l	G
1900005	3093 ALU-10	3/8	10	11,25		158	1	G	G

3093 U-3

REVERSIBLE RATCHET 3/8"

- T Acc. to DIN 3122, ISO 3315
- T With non-slip metal disc change, fine-toothed and robust
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

nc



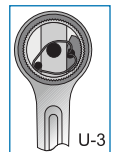
Code	No.	a"	a	A°	y	ä	/	l
6237090	3093 U-3	3/8	10	5	200	33.5	200	5

3093 GU-3

SWIVEL HEAD REVERSIBLE RATCHET 3/8"

- T Swivels through 180°, with joint lock
- T Fine-toothed, max. torque 200 N-m
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

nc



Code	No.	a"	a	A°	y	ä	/	l
6237170	3093 GU-3	3/8	10	5	282	33.5	350	5

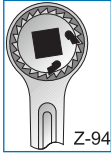


3093 Z-94

RATCHET HANDLE WITH COUPLER 3/8"

- T Acc. to DIN 3122, ISO 3315
- T With square coupler, medium-fine toothed, extremely rugged
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

cn



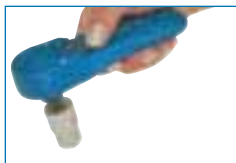
Code	No.	a"	a	A°	y	/	l
6237680	3093 Z-94	3/8	10	10	200	18	220 5

3093 U-10 K

PLASTIC RATCHET 3/8"

- T For fast and easy tightening of bolted connections up to max. 70 N-m
- T Return angle 11.25°
- T Made from sturdy compound material with a steel mechanism
- T Dimensions 44 x 145 x 39 mm
- T Available in five colours

cn



Code	No.	Colour	a"	a	A°	/	l
6242090	3093 U-10 K SCHWARZ	signal-black	3/8	10	11,25	235	1
6244970	3093 U-10 K GRÜN	moss-green	3/8	10	11,25	235	1
6248100	3093 U-10 K GRAU	anthracite-grey	3/8	10	11,25	235	1
6248290	3093 U-10 K BLAU	sky-blue	3/8	10	11,25	235	1
1505394	3093 U-10 K SIGNALGRAU	signal-grey	3/8	10	11,25	247	1

3093 U-3 T

RATCHET WITH T-HANDLE 3/8"

- T With metal reversing disc and fine-toothed ratchet wheel
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

cn



Code	No.	a"	a	A°	y	/	l	G
1973320	3093 U-3 T	3/8	10	5	140	56	1	G

ACCESSORIES 10 (3/8")

3019

CONVERTOR 3/8" TO 1/2"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device
- T Load capacity as per size 10 (3/8")

NSO



Code	No.	Q*	Q	a"	a	y	/	l
6236010	3019	3/8	10	1/2	12.5	35	50	10

3020

REDUCER 3/8" TO 1/4"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device
- T Load capacity as per size 6.3 (1/4")

NSB



Code	No.	Q*	Q	a"	a	y	/	l
6236280	3020	3/8	10	1/4	6.3	28.5	40	10

3081

L-HANDLE 3/8"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device

cn



Code	No.	a"	a	y	/	l
6236360	3081	3/8	10	180	150	1

3084

SPEED BRACE 3/8"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device

cn



Code	No.	a"	a	y	/	l	G
6236440	3084	3/8	10	288	440	1	G
1965395	3084 L	3/8	10	463	568	1	G

3087

SLIDING T BAR 3/8"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device

cn



Code	No.	a"	a	y	/	l
6236520	3087	3/8	10	163	125	5



3087 A

SLIDING T BAR WITH RELEASE 3/8"

- T Secured against unintentional removal
- T Turn handle for easy locking and releasing
- T An unintentional release during work is averted because of the asymmetrical detachment point
- T Particularly useful for work in sensitive areas where certainty against loss is a theme
- T Examples: Airplane engine, work in deep machine bodies
- T DBGM

n
c



Code	No.	a *	a	y	/	l
1871633	3087 A	3/8	10	163	135	1



n
c

3090

EXTENSION 3/8"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device

n
c



Code	No.	a *	a	y	/	l
1476637	3090-2	3/8	10	50	70	5
6236600	3090-3	3/8	10	76	70	5
6236790	3090-5	3/8	10	125	110	5
1476645	3090-7	3/8	10	180	70	5
6236870	3090-10	3/8	10	250	200	5
6238570	3090-12	3/8	10	305	260	5
1476653	3090-20	3/8	10	500	330	1

3090 A

EXTENSION 3/8" with release

- T Easy access to deep-fitting screws in confined areas
- T No unintentional release of the socket from the extension due to safety ring
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device

n
c



Code	No.	a *	a	y	/	l
1932314	3090 A-5	3/8	10	125	120	1
1932322	3090 A-10	3/8	10	250	210	1

3090 KR

UNIVERSAL EXTENSION 3/8"

- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device
- T The extension is able to pivot up to 15°

n
c



Code	No.	a *	a	y	/	l
1874381	3090 KR-3	3/8	10	76	80	1
1845756	3090 KR-5	3/8	10	125	108	1
1845764	3090 KR-10	3/8	10	250	197	1

3094

COUPLER 3/8"

- T Acc. to DIN 3122, ISO 3316
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device

n
c



Code	No.	a *	a	y	/	l
6237760	3094	3/8	10	28.8	10	10

3095

UNIVERSAL JOINT 3/8"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device

n
c



Code	No.	a *	a	Q *	Q	y	/	l
6238140	3095	3/8	10	3/8	10	51	60	10

3096

SWIVEL HANDLE 3/8"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device

n
c



Code	No.	a *	a	y	/	l
6238220	3096	3/8	10	254	240	5

3098

SWIVEL HANDLE 3/8"

- T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device

n
c



Code	No.	a *	a	y	/	l
6182410	3098	3/8	10	450	1000	1



SL 3014

TOOL HOLDING RAIL, MAGNETIC 3/8" empty

- T External squares to take 14 standard commercial 10 mm (3/8") sockets
- T Two female square adaptors to take ratchets, sliding T bars, extensions etc.
- T A strong magnet securely holds the socket rail to ferrous metals
- T Additional holes are provided for wall mounting the socket rail or attaching to non-ferrous materials
- T The sockets are securely locked by the ball at the square-drive end by turning them 90°
- T It is a simple matter to "unlock" and remove the sockets, by turning them 90° in the opposing direction
- T Delivery without tools

CONS



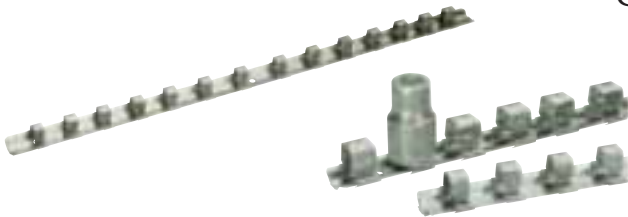
Code	No.	y	W	/	l
1761099	SL 3014	480	33	450	1

VH 30

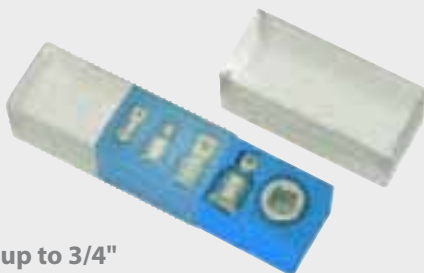
SPRING STEEL SOCKET RAIL 3/8"

- T For 3/8" sockets
- T Delivery without tools

CONS



Code	No.	/	l
5164810	VH 30	80	1



Adaptor set 1/4" up to 3/4"
S 2032-05 is listed on page 101

SETS 10 (3/8")

nc

30 D / D 30 D

SOCKET SET 3/8" 12 pieces

- T In GEDORIT blue sheet steel case
- T Dimensions: 206 x 62 x 40 mm

CONS



Code	No.	O	l
6235200	30 DMU-10 \$ 3093 U-10 1 30 6 7 8 9 10 11 13 14 17 19 ' 3090-5	1.0	1
6238730	D 30 DMU-10 \$ 3093 U-10 3 D 30 6 7 8 9 10 11 13 14 17 19 ' 3090-5	1.0	1
6239030	D 30 DAU-10 \$ 3093 U-10 1 30 1/4 5/16 11/32 3/8" 3 D 30 7/16 1/2 9/16 5/8 11/16 3/4" ' 3090-5	1.0	1

30 G / D 30 G

SOCKET SET 3/8" 17 pieces

- T In GEDORIT blue sheet steel case
- T Dimensions: 320 x 210 x 55 mm

CONS



Code	No.	O	l
6235980	30 GMU-3 # 3093 U-3 1 30 6 7 8 9 10 11 13 14 15 16 17 19 + 3087 ' 3090-5 -10) 3095	1.9	1
6235710	30 GMU-10 \$ 3093 U-10 1 30 6 7 8 9 10 11 13 14 15 16 17 19 + 3087 ' 3090-5 -10) 3095	1.9	1
6240200	D 30 GMU-3 # 3093 U-3 3 D 30 6 7 8 9 10 11 13 14 15 16 17 19 + 3087 ' 3090-5 -10) 3095	1.9	1



Code	No.	O	I
6239380	D 30 GMU-10 \$ 3093 U-10 ⊗ D 30 6 7 8 9 10 11 13 14 15 16 17 19 + 3087 ' 3090-5 -10) 3095	1.9	1
6240390	D 30 GAU-3 # 3093 U-3 1 30 1/4 9/32 5/16 11/32 3/8" ⊗ D 30 7/16 1/2 9/16 19/32 5/8 11/16 3/4" + 3087 ' 3090-5 -10) 3095	1.9	1
6239540	D 30 GAU-10 \$ 3093 U-10 1 30 1/4 9/32 5/16 11/32 3/8" ⊗ D 30 7/16 1/2 9/16 19/32 5/8 11/16 3/4" + 3087 ' 3090-5 -10) 3095	1.9	1

30 H / D 30 H

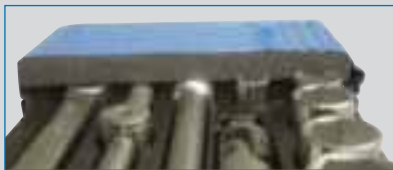
SOCKET SET 3/8" 23 pieces
T In GEDORIT blue sheet steel case
T Dimensions: 320 x 210 x 55 mm

n c
1 3



Code	No.	O	I
6238300	30 HMU-3 # 3093 U-3 1 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 + 3087 ' 3090-5 -10) 3095	3.1	1
6235470	30 HMU-10 \$ 3093 U-10 1 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 + 3087 ' 3090-5 -10) 3095	3.1	1
6240470	D 30 HMU-3 # 3093 U-3 ⊗ D 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 + 3087 ' 3090-5 -10) 3095	3.1	1
6239700	D 30 HMU-10 \$ 3093 U-10 ⊗ D 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 + 3087 ' 3090-5 -10) 3095	3.1	1

THE NEW GENERATION OF GEDORE SOCKET SETS



- T Innovative, functional design
- T Inside-folded, seamless edge provides added strength.
The tool and foam inserts are secured to prevent them being lost
- T ABS plastic tool insert, resistant to oils and greases
- T Tool insert with the socket sizes permanently laser marked
- T With the lid closed, the tools sit securely in their pockets
- T Boxes designed so that they can be stacked easily
- T Large, rounded fasteners can be opened and closed even when the user is wearing gloves
- T Contoured carry handle ensures comfortable carrying even for long periods
- T Environmentally-friendly powder-coated in GEDORIT blue

Deviant packing units see article description.

30 I / D 30 I

SOCKET SET 3/8" 26 pieces
T In GEDORIT blue sheet steel case
T Dimensions: 320 x 210 x 55 mm

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Code	No.	O	I
6229900	30 IMU-3 # 3093 U-3 1 30 6 7 8 9 10 11 12 13 14 15 16 17 19 ? IS 30 5,5 8 5 IN 30 4 5 6 8 ; IKS 30 2 3 + 3087 ' 3090-5 -10) 3095	2.3	1
6229740	30 IMU-10 \$ 3093 U-10 1 30 6 7 8 9 10 11 12 13 14 15 16 17 19 ? IS 30 5,5 8 5 IN 30 4 5 6 8 ; IKS 30 2 3 + 3087 ' 3090-5 -10) 3095	2.3	1
6230080	D 30 IMU-3 # 3093 U-3 ⊗ D 30 6 7 8 9 10 11 12 13 14 15 16 17 19 ? IS 30 5,5 8 5 IN 30 4 5 6 8 ; IKS 30 2 3 + 3087 ' 3090-5 -10) 3095	2.3	1
6229820	D 30 IMU-10 \$ 3093 U-10 ⊗ D 30 6 7 8 9 10 11 12 13 14 15 16 17 19 ? IS 30 5,5 8 5 IN 30 4 5 6 8 ; IKS 30 2 3 + 3087 ' 3090-5 -10) 3095	2.3	1

30 Q / D 30 Q

SOCKET SET 3/8" 35 pieces
T In GEDORIT blue sheet steel case
T Dimensions: 315 x 181 x 40 mm

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Code	No.	O	I
6238490	30 QMU-3 # 3093 U-3 1 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 ? 880 6,5 7 8 5 885 3 4 5 6 8 ; 890 1 2 3 + 3087 ' 3090-5 -10) 3095 870 7 KB 830	3.1	1
6235630	30 QMU-10 \$ 3093 U-10 1 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 ? 880 6,5 7 8 5 885 3 4 5 6 8 ; 890 1 2 3 + 3087 ' 3090-5 -10) 3095 870 7 KB 830	2.8	1
6240550	D 30 QMU-3 # 3093 U-3 ⊗ D 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 ? 880 6,5 7 8 5 885 3 4 5 6 8 ; 890 1 2 3 + 3087 ' 3090-5 -10) 3095 870 7 KB 830	3.4	1
6239970	D 30 QMU-10 \$ 3093 U-10 ⊗ D 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 ? 880 6,5 7 8 5 885 3 4 5 6 8 ; 890 1 2 3 + 3087 ' 3090-5 -10) 3095 870 7 KB 830	3.4	1



D 30 KMU-20

SOCKET SET 3/8" 40 pieces

- T In sheet steel case with insert
- T Dimensions: 320 x 210 x 55 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



C U S I 7

Code	No.	O	I
1973347	D 30 KMU-20	1.8	1
	3093 U-20		
	3093 U-3 T		
	3 D 30 8 9 10 11 12 13 14 15 16 17 18 19		
	? 680 4 5,5 6,5 5 685 3 4 5 6 . 685 X 5 6 8		
	7 687 TX T10 T15 T20 T25 T27 T30 ; 690 1 2		
	< 690 PZD 1 2 ' 3090 KR-3 ' 3090-5		
	630 673 10 - 676 699		

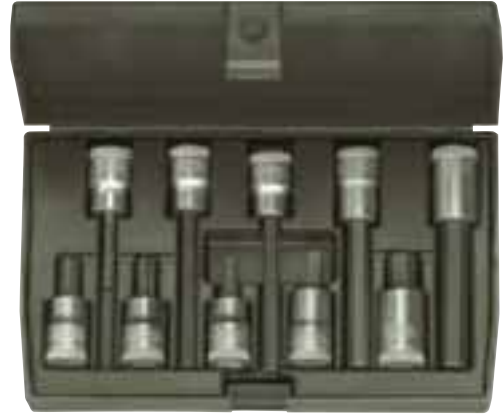


C

IN 30 LKM

SCREWDRIVER BIT SOCKET SET 3/8" 10 pieces

- T For in-hex screws (INBUS®), short and long
- T In plastic case
- T Dimensions: 200 x 120 x 38 mm
- T INBUS® = reg. trademark of Acument GmbH & Co. OHG, 56567 Neuwied



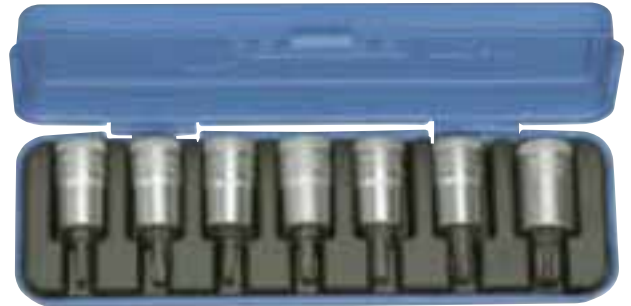
N S I

Code	No.	/	I
1509918	IN 30 LKM	765	1
	5 IN 30 4 5 6 8 10		
	5 IN 30 L 4 5 6 8 10		

ITX 30 PM

SCREWDRIVER BIT SOCKET SET 3/8" 7 pieces

- T For recessed TORX® screws
- T In blue sheet steel case
- T Dimensions: 210 x 70 x 32 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



N S I

Code	No.	/	I
1509926	ITX 30 PM	585	1
	7 ITX 30 T20 T25 T27 T30 T40 T45 T50		

D 30 TX20 U-20

SOCKET SET 3/8" + 1/4" 52 pieces

- T Tool set for general industrial and automotive applications
- T 3/8" and 1/4" sockets for protruding and recessed TORX® screws
- T With robust lever-change reversible ratchet with push-button release
- T In sheet steel case with insert
- T Dimensions: 320 x 210 x 55 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



C U S I 7

Code	No.	O	I
2075695	D 30 TX20 U-20		1
	c 3093 U-20 b 2093 U-20		
	c 3 D 30 10 11 12 13 14 15 16 17 18 19 21 22		
	c 9 TX 30 E11 E12 E14 c 7 ITX 30 T45 T50		
	b 3 D 20 4 4,5 5 5,5 6 7 8 9 10 11 12 13		
	b 9 TX 20 E5 E6 E7 E8 E10		
	i 7 687 TX T10 T15 T20 T25 T27 T30 T40		
	' 3090 KR-3 ' 3090-5 ' 2090 KR-2		
	2090-6 620 673 6,3 10 - 676		
	699		

ITX 30 LKP

SCREWDRIVER BIT SOCKET SET 3/8" 14 pieces

- T For recessed TORX® screws, short and long
- T In plastic case
- T Dimensions: 200 x 120 x 38 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



N S I

Code	No.	/	I
1509950	ITX 30 LKP	1065	1
	7 ITX 30 T20 T25 T27 T30 T40 T45 T50		
	7 ITX 30 L T20 T25 T27 T30 T40 T45 T50		

Detailed information on products, promotions and trade fairs

... www.gedore.com





ITX 30 TX-015

SCREWDRIVER BIT SOCKET SET 3/8" 15 pieces

- T For protruding and recessed TORX® screws
- T In plastic case
- T Dimensions: 200 x 120 x 38 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	/	l
1509942	ITX 30 TX-015	803	1
	7 ITX 30 T20 T25 T27 T30 T40 T45 T50		
	9 TX 30 E5 E6 E7 E8 E10 E11 E12 E14		

TX 30 E-08

SCREWDRIVER BIT SOCKET SET 3/8" 8 pieces

- T For protruding TORX® screws
- T In GEDORIT blue sheet steel case
- T Dimensions: 210 x 70 x 32 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	/	l
1509934	TX 30 E-08	450	1
	9 TX 30 E5 E6 E7 E8 E10 E11 E12 E14		

30 TX 20

SCREWDRIVER BIT SOCKET SET 3/8" + 1/4" 28 pieces

- T 3/8" and 1/4" sockets for protruding and recessed TORX® screws
- T In plastic case
- T Dimensions: 275 x 150 x 42 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	/	l
1509969	30 TX 20	1465	1
	c 7 ITX 30 T25 T27 T30 T40 T45 T50		
	c 7 ITX 30 L T20 T25 T27 T30 T40 T45 T50		
	c 9 TX 30 E8 E10 E11 E12 E14		
	b 7 ITX 20 T8 T9 T10 T15 T20		
	b 9 TX 20 E4 E5 E6 E7 2030		

VB 30

DISPLAY BOX 3/8" 228 pieces

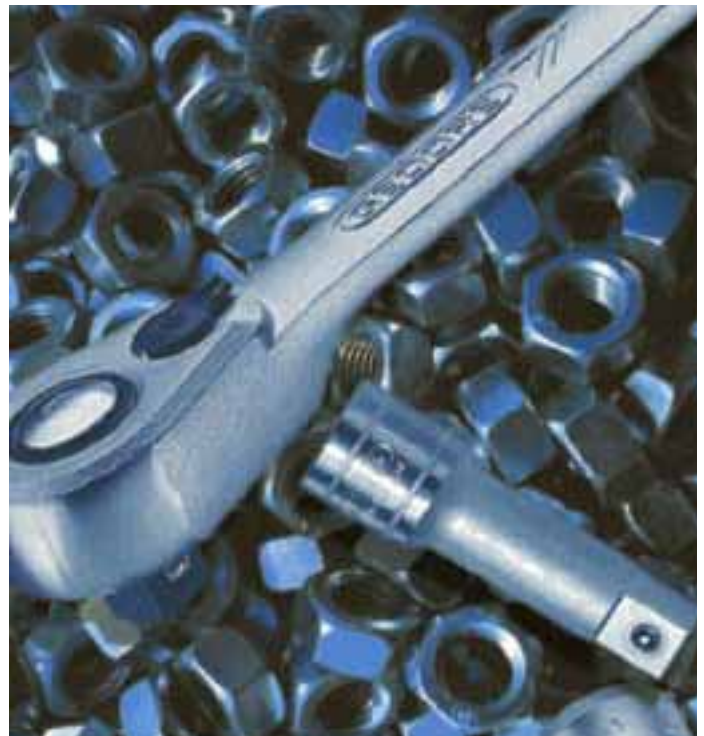
- T With 228 3/8" sockets
- T Display box empty (VB 30 L) in GEDORIT silver sheet steel
- T Dimensions: 430 x 300 x 220 mm

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Code	No.	O	l
6233500	VB 30	10.4	1
	S VB 30 + VB 30 L		
1888072	S VB 30	12.0	1
	12x 1 30 10 13		
	10x 1 30 6 7 8 9		
	8x 1 30 11 12 14 15 17 19		
	5x 1 30 16 18 20 21 22		
	10x 5 IN 30 5		
	8x 5 IN 30 4 6		
	5x 5 IN 30 8 10		
	5x ? IS 30 5,5 8 10		
	5x ; IKS 30 1 2 3		
	5x . INX 30 5 6 8		
	10x 3019		
6233690	VBD 30	16.0	1
	S VBD 30 + VB 30 L		
1888080	S VBD 30	12.0	1
	12x 3 D 30 10 13		
	10x 3 D 30 6 7 8 9		
	8x 3 D 30 11 12 14 15 17 19		
	5x 3 D 30 16 18 20 21 22		
	10x 5 IN 30 5		
	8x 5 IN 30 4 6		
	5x 5 IN 30 8 10		
	5x ? IS 30 5,5 8 10		
	5x ; IKS 30 1 2 3		
	5x . INX 30 5 6 8		
	10x 3019		
5231940	VB 30 L	6.4	1





12.5 (1/2") SQUARE DRIVE

O T o d

SOCKETS 12.5 (1/2")

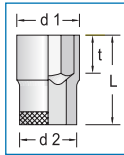


19

SOCKET 1/2" hexagon

T Acc. to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
 T Hand-operated, polished, chrome-plated
 T * not standardised

O T 1



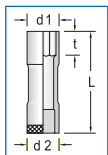
Code	No.	*	l	L	d ₁	d ₂	t	/	l
6130020	19 8		8	38.0	13.0	22.5	13.5	45	10
6130100	19 9	*	9	38.0	14.2	22.5	13.5	48	10
6130290	19 10		10	38.0	15.5	22.5	13.5	50	10
6130370	19 11		11	38.0	16.7	22.5	12.5	53	10
6130450	19 12		12	38.0	18.0	22.5	12.5	55	10
6130530	19 13		13	38.0	19.2	22.5	12.5	60	10
6130610	19 14		14	38.0	20.5	22.5	12.5	62	10
6130880	19 15		15	39.5	21.7	23.8	15.0	65	10
6130960	19 16		16	39.5	22.5	23.8	15.0	68	10
6131180	19 17		17	39.5	24.0	22.5	15.0	70	10
6131260	19 18		18	39.5	25.5	23.0	17.0	72	10
6131340	19 19		19	40.0	26.7	24.2	17.0	80	10
6131420	19 20		20	40.0	28.0	25.5	17.0	85	10
6131500	19 21		21	41.5	29.2	26.0	18.5	95	10
6131690	19 22		22	41.5	30.5	26.3	18.5	100	10
6131770	19 23	*	23	41.5	31.7	27.5	18.5	105	10
6131850	19 24		24	41.5	33.0	28.0	18.5	110	10
6131930	19 25	*	25	41.5	34.2	28.8	18.5	120	10
6132070	19 26	*	26	41.5	35.5	29.4	18.5	130	10
6132150	19 27		27	41.5	36.7	30.0	18.5	150	10
6132230	19 28	*	28	43.0	38.0	30.5	20.0	165	10
6132310	19 29	*	29	43.0	39.2	31.2	20.0	180	10
6132580	19 30		30	43.0	40.5	32.5	20.5	200	10
6132740	19 32		32	44.5	43.0	34.5	22.5	210	10
6138270	19 34		34	44.5	45.5	37.0	22.5	260	10
1718711	19 36	*	36	44.5	48.0	38.0	22.5	260	10

19 L

SOCKET 1/2" long, hexagon

T Acc. to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
 T Hand-operated, polished, chrome-plated

O T 1



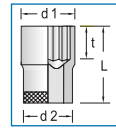
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1718738	19 L 10	10	77.0	15.5	22.5	12.0	85	1
1718746	19 L 11	11	77.0	16.7	22.5	13.0	90	1
1718754	19 L 12	12	77.0	18.0	22.5	14.0	90	1
1718762	19 L 13	13	77.0	19.2	22.5	16.0	105	1
1718770	19 L 14	14	77.0	20.5	22.5	17.0	125	1
1718789	19 L 15	15	77.0	21.7	22.5	17.0	110	1
1718800	19 L 16	16	77.0	23.0	24.0	18.0	120	1
1718819	19 L 17	17	77.0	24.0	24.0	18.0	140	1
1718827	19 L 18	18	82.0	25.5	25.0	20.0	145	1
1718835	19 L 19	19	82.0	26.7	26.0	22.0	165	1

D 19

SOCKET 1/2" UD profile

T Acc. to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
 T Hand-operated, polished, chrome-plated
 T * not standardised

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Code	No. 3	*	l	L	d ₁	d ₂	t	/	l
6133040	D 19 8		8	38.0	13.0	22.5	7.0	45	10
6133120	D 19 9	*	9	38.0	14.2	22.5	8.0	48	10
6133200	D 19 10		10	38.0	15.5	22.5	13.5	50	10
6133390	D 19 11		11	38.0	16.7	22.5	12.5	53	10
6133470	D 19 12		12	38.0	18.0	22.5	12.5	55	10
6133550	D 19 13		13	38.0	19.2	22.5	12.5	60	10
6133630	D 19 14		14	38.0	20.5	22.5	12.5	62	10
6133710	D 19 15		15	39.5	21.7	23.8	15.0	65	10
6133980	D 19 16		16	39.5	22.5	23.8	15.0	68	10
6134010	D 19 17		17	39.5	24.0	22.5	15.0	70	10
6134280	D 19 18		18	39.5	25.5	23.0	17.0	72	10
6134360	D 19 19		19	40.0	26.7	24.2	17.0	80	10
6134440	D 19 20		20	40.0	28.0	25.5	17.0	85	10
6134520	D 19 21		21	41.5	29.2	26.0	18.5	95	10
6134600	D 19 22		22	41.5	30.5	26.3	18.5	100	10
6134790	D 19 23	*	23	41.5	31.7	27.5	18.5	105	10
6134870	D 19 24		24	41.5	33.0	28.0	18.5	110	10
6134950	D 19 25	*	25	41.5	34.2	28.8	18.5	120	10
6135090	D 19 26	*	26	41.5	35.5	29.4	18.5	130	10
6135170	D 19 27		27	41.5	36.7	30.0	18.5	150	10
6135250	D 19 28	*	28	43.0	38.0	30.5	20.0	165	10
6135330	D 19 29	*	29	43.0	39.2	31.2	20.0	180	10
6135410	D 19 30		30	43.0	40.5	32.5	20.5	200	10
6135760	D 19 32		32	44.5	43.0	34.5	22.5	210	10
6135840	D 19 33	*	33	44.5	44.2	36.0	22.5	210	10

Code	No. 3	"	L	d ₁	d ₂	t	/	l	
6136060	D 19 5/16AF		5/16	38.0	13.0	22.5	7.0	45	5
6136140	D 19 11/32AF		11/32	38.0	13.9	22.5	8.0	48	5
6136220	D 19 3/8AF		3/8	38.0	14.9	22.5	15.0	58	5
6136300	D 19 13/32AF		13/32	38.0	15.9	22.5	13.5	50	5
6136490	D 19 7/16AF		7/16	38.0	16.7	22.5	12.5	53	5
6136570	D 19 1/2AF		1/2	38.0	18.7	22.5	12.5	60	5
6136650	D 19 9/16AF		9/16	38.0	20.7	22.5	12.5	62	5
6136730	D 19 19/32AF		19/32	39.5	21.7	23.8	15.0	65	5
6136810	D 19 5/8AF		5/8	39.5	22.5	23.8	15.0	68	5
6137030	D 19 11/16AF		11/16	39.5	24.7	22.5	17.0	70	5
6137110	D 19 3/4AF		3/4	40.0	26.7	24.2	17.0	80	5
6137380	D 19 25/32AF		25/32	40.0	27.7	25.3	17.0	85	5
6137460	D 19 13/16AF		13/16	41.5	28.5	25.7	18.5	95	5
6137540	D 19 7/8AF		7/8	41.5	30.6	26.5	18.5	100	5
6137620	D 19 15/16AF		15/16	41.5	32.6	28.3	18.5	110	5
6137700	D 19 1AF		1	41.5	34.6	28.9	18.5	123	5
6137890	D 19 1.1/16AF		1.1/16	41.5	36.7	30.0	18.5	150	5
6137970	D 19 1.1/8AF		1.1/8	43.0	38.6	31.0	20.0	180	5
6138000	D 19 1.3/16AF		1.3/16	43.0	40.6	32.5	20.5	200	5
6138190	D 19 1.1/4AF		1.1/4	44.5	42.6	34.5	22.5	210	1

Code	No. 2	#	L	d ₁	d ₂	t	/	l	
6138780	D 19 3/16W		3/16	38.0	17.0	22.5	12.5	53	1
6138860	D 19 1/4W		1/4	38.0	19.5	22.5	12.5	60	1
6138940	D 19 5/16W		5/16	39.5	21.9	23.8	15.0	65	1
6139080	D 19 3/8W		3/8	39.5	25.5	23.0	17.0	72	1
6139160	D 19 7/16W		7/16	41.5	28.8	26.0	18.5	95	1
6139240	D 19 1/2W		1/2	41.5	32.1	27.8	18.5	105	1
6139320	D 19 9/16W		9/16	41.5	34.9	29.2	18.5	130	1
6139400	D 19 5/8W		5/8	43.0	37.8	30.5	20.0	165	1
6139590	D 19 11/16W		11/16	43.0	41.0	33.0	20.5	200	1
6138430	D 19 3/4W		3/4	44.5	44.2	36.0	22.5	75	1

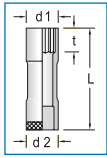


D 19 L

SOCKET 1/2" long, UD profile

- T Acc. to DIN 3124, ISO 2725-1
- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, polished, chrome-plated
- T Sizes 16, 18, 21 with Ø 8 mm hole drilled for tommy bar

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Code	No.	l	L	d ₁	d ₂	t	/	l
6141140	D 19 L 10	10	77.0	15.5	22.5	12.0	85	10
6141220	D 19 L 12	12	77.0	18.0	22.5	14.0	90	10
6140170	D 19 L 13	13	77.0	19.2	22.5	16.0	105	10
6140250	D 19 L 14	14	77.0	20.5	22.5	17.0	125	10
6142460	D 19 L 15	15	77.0	21.7	22.5	17.0	110	10
6142540	D 19 L 16	16	77.0	23.0	24.0	18.0	120	10
6140330	D 19 L 17	17	77.0	24.0	24.0	18.0	140	10
6142380	D 19 L 18	18	82.0	25.5	25.0	20.0	145	10
6140410	D 19 L 19	19	82.0	26.7	26.0	22.0	165	10
6140680	D 19 L 21	21	82.0	29.2	28.5	24.0	205	10
6145050	D 19 L 22	22	82.0	30.5	28.5	24.0	200	10
6140760	D 19 L 24	24	82.0	33.0	29.0	26.0	250	10
6141060	D 19 L 27	27	82.0	36.7	30.0	30.0	270	10
6145640	D 19 L 30	30	82.0	40.5	32.5	33.0	330	10
6191320	D 19 L 32	32	82.0	43.0	34.5	36.0	410	10
6147500	D 19 L 34	34	82.0	45.5	36.5	37.0	500	5

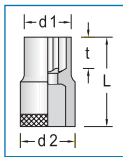
Code	No.	"	L	d ₁	d ₂	t	/	l
6141300	D 19 L 1/2AF	1/2	77.0	18.7	22.5	16.0	105	1
6141490	D 19 L 9/16AF	9/16	77.0	20.7	22.5	17.0	125	1
6141570	D 19 L 5/8AF	5/8	77.0	22.5	24.0	18.0	130	1
6141650	D 19 L 11/16AF	11/16	77.0	24.7	24.8	18.0	140	1
6141730	D 19 L 3/4AF	3/4	82.0	26.7	26.0	22.0	165	1
6141810	D 19 L 13/16AF	13/16	82.0	28.5	28.5	22.0	205	1
6142030	D 19 L 7/8AF	7/8	82.0	30.6	28.5	24.0	230	1
6142110	D 19 L 15/16AF	15/16	82.0	32.6	29.0	26.0	250	1

TX 19

SOCKET 1/2" for protruding TORX® head screws

- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, polished, chrome-plated
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	9	+	&	L	d ₁	d ₂	t	/	l
6145720	TX 19 E10	E10	M8	9.42	38.0	13.5	22.5	15.5	50	10
6194180	TX 19 E11	E11	-	10.08	38.0	14.0	22.5	15.5	50	5
6147340	TX 19 E12	E12	M10	11.17	38.0	15.5	22.5	15.5	55	10
6147420	TX 19 E14	E14	M12	12.90	38.0	17.0	22.5	13.0	55	10
6194420	TX 19 E16	E16	M12	14.76	38.0	19.0	22.5	13.0	60	10
6194500	TX 19 E18	E18	M14	16.70	40.0	21.0	24.5	14.0	65	10
6194690	TX 19 E20	E20	M16	18.45	40.0	23.5	24.5	14.0	70	10
6195070	TX 19 E24	E24	M18 - M20	22.16	41.5	28.5	26.0	16.0	85	5

ITX 19

SCREWDRIVER BIT SOCKET 1/2" for recessed TORX® head screws

- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, gun-metal finish
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	7	+	&	L ₁	L ₂	d	/	l
6152930	ITX 19 T20	T20	M4 - M5	3.86	55	17	22.5	60	10
6154200	ITX 19 T25	T25	M4,5 - M5	4.43	55	17	22.5	65	10
6154630	ITX 19 T27	T27	M4,5 - M6	4.99	55	17	22.5	65	10
6156170	ITX 19 T30	T30	M6 - M7	5.52	55	17	22.5	65	10
6156330	ITX 19 T40	T40	M7 - M8	6.65	55	17	22.5	65	10
6157060	ITX 19 T45	T45	M8 - M10	7.82	55	17	22.5	70	10
6158030	ITX 19 T50	T50	M10	8.83	55	17	22.5	90	10
6158380	ITX 19 T55	T55	M12	11.22	55	17	23.0	110	10
6158540	ITX 19 T60	T60	M14	13.25	55	15	24.7	110	10



ITX 19 L

SCREWDRIVER BIT SOCKET 1/2" long, for recessed TORX® head screws

- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, gun-metal finish
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	7	+	&	L ₁	L ₂	d	/	l
6188020	ITX 19 L T20-100	T20	M4 - M5	3.86	100	62	22.5	80	5
6188100	ITX 19 L T25-100	T25	M4,5 - M5	4.43	100	62	22.5	85	5
6188370	ITX 19 L T27-100	T27	M4,5 - M6	4.99	100	62	22.5	85	5
6152500	ITX 19 L T30-100	T30	M6 - M7	5.52	100	62	22.5	85	10
6152690	ITX 19 L T40-100	T40	M7 - M8	6.65	100	62	22.5	85	10
6155870	ITX 19 L T45-100	T45	M8 - M10	7.82	100	62	22.5	90	10
6158700	ITX 19 L T50-100	T50	M10	8.83	100	62	22.5	105	10
6159940	ITX 19 L T55-100	T55	M12	11.22	100	62	23.0	155	10
6188450	ITX 19 L T60-100	T60	M14	13.25	100	60	24.7	155	5
6105180	ITX 19 L T70-100	T70	M16	15.55	100	60	28.0	170	5



ITX 19 B

SCREWDRIVER BIT SOCKET 1/2" for recessed TORX® head screws with pilot

- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, gun-metal finish
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

OT 8



Code	No.	S	+	&	L ₁	L ₂	d	Bore	/	l
6192720	ITX 19 B T20	T20	M4 - M5	3.86	55	17	22.5	1,55 x 1,86	60	5
6195660	ITX 19 B T25	T25	M4,5 - M5	4.43	55	17	22.5	1,93 x 2,04	65	5
6196390	ITX 19 B T27	T27	M4,5 - M6	4.99	55	17	22.5	2,18 x 2,29	65	5
6200170	ITX 19 B T30	T30	M6 - M7	5.52	55	17	22.5	2,56 x 2,92	65	5
6200410	ITX 19 B T40	T40	M7 - M8	6.65	55	17	22.5	2,92 x 3,28	65	5
6200840	ITX 19 B T45	T45	M8 - M10	7.82	55	17	22.5	3,45 x 3,68	70	5
6201300	ITX 19 B T50	T50	M10	8.83	55	17	23.0	3,83 x 3,78	90	5
6202700	ITX 19 B T55	T55	M12	11.22	55	15	24.7	4,85 x 4,79	110	5
6203270	ITX 19 B T60	T60	M14	13.25	56	16	28.0	5,63 x 7,87	110	5



IKS 19 PZD

SCREWDRIVER BIT SOCKET 1/2" for cross-slotted head screws PZ

- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, tip as per DIN ISO 8764-1 PZ, gun-metal finish

OT <



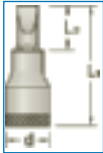
Code	No.	< PZ	L ₁	L ₂	d	/	l
6156680	IKS 19 PZD 2	2	60	22	22.5	80	10
6156760	IKS 19 PZD 3	3	60	22	22.5	80	10
6156840	IKS 19 PZD 4	4	60	22	23.0	80	5

IS 19

SCREWDRIVER BIT SOCKET 1/2" for slotted head screws

- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, blade as per DIN ISO 2380-1, Form B, manganese-phosphated

OT ?



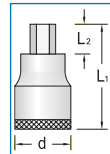
Code	No.	L	K	L ₁	L ₂	d	/	l
6161760	IS 19 6,5x1,2	1.2	6.5	60	22	22.5	70	1
6656060	IS 19 8x1,2	1.2	8.0	60	22	22.5	80	5
6656140	IS 19 10x1,6	1.6	10.0	60	22	22.5	115	5
6656220	IS 19 12x2	2.0	12.0	60	22	23.0	120	5
6162140	IS 19 14x2,5	2.5	14.0	60	20	24.7	130	5
6656490	IS 19 16x2,5	2.5	16.0	60	20	28.0	190	5
6656570	IS 19 18x2,5	2.5	18.0	60	20	27.0	190	10

IN 19

SCREWDRIVER BIT SOCKET 1/2" for in-hex screws

- T Acc. to DIN 7422
- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, bit manganese-phosphated
- T **IN 19 17** for oil filter and drain plug screws
- T * not standardised

OT 5



Code	No.	*	S	L ₁	L ₂	d	/	l
6153070	IN 19 4	*	4	60	22	22.5	45	10
6153150	IN 19 5	*	5	60	22	22.5	50	10
6153230	IN 19 6		6	60	22	22.5	55	10
6153310	IN 19 7		7	60	22	22.5	58	10
6153580	IN 19 8		8	60	22	22.5	60	10
6153660	IN 19 9	*	9	60	22	22.5	63	10
6153740	IN 19 10		10	60	22	22.5	65	10
6153820	IN 19 12		12	60	22	23.0	75	10
6153900	IN 19 14		14	60	20	24.7	85	10
6154040	IN 19 17	*	17	60	20	28.0	115	10
6154120	IN 19 19	*	19	60	20	27.0	120	10

IKS 19

SCREWDRIVER BIT SOCKET 1/2" for cross-slotted head screws PH

- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, tip as per DIN ISO 8764-1 PH, gun-metal finish

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Code	No.	: PH	L ₁	L ₂	d	/	l
6656650	IKS 19 2	2	60	22	22.5	75	10
6656730	IKS 19 3	3	60	22	22.5	80	10
6656810	IKS 19 4	4	60	22	23.0	100	10

Code	No.	%	L ₁	L ₂	d	/	l
6154710	IN 19 3/16AF	3/16	60	22	22.5	50	10
6154980	IN 19 7/32AF	7/32	60	22	22.5	53	10
6155010	IN 19 1/4AF	1/4	60	22	22.5	55	10
6155280	IN 19 9/32AF	9/32	60	22	22.5	58	5
6155360	IN 19 5/16AF	5/16	60	22	22.5	60	10
6155440	IN 19 3/8AF	3/8	60	22	22.5	65	10
6155520	IN 19 1/2AF	1/2	60	22	23.0	80	10
6155600	IN 19 9/16AF	9/16	60	20	24.7	85	10
6155790	IN 19 5/8AF	5/8	60	20	28.0	115	10

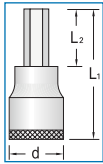


IN 19 L

SCREWDRIVER BIT SOCKET 1/2" long, for in-hex screws

- T Acc. to DIN 7422
- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, bit manganese-phosphated
- T * t = stepped hexagon bit 13 mm
- T * not standardised

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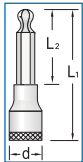
Code	No.	*	\$	L ₁	L ₂	d	*t	/	l
6162060	IN 19 L 5-90	*	5	90	52	22.5	13	75	10
6157140	IN 19 L 5-180	*	5	180	142	22.5	13	150	10
6157300	IN 19 L 6-90		6	90	52	22.5		70	10
6145800	IN 19 L 6-140		6	140	102	22.5	13	90	10
6145990	IN 19 L 6-160		6	160	122	22.5	13	120	10
6157570	IN 19 L 7-100		7	100	62	22.5		100	10
6157730	IN 19 L 8-90		8	90	52	22.5		75	10
6157810	IN 19 L 8-120		8	120	82	22.5		20	10
6158110	IN 19 L 10-140		10	140	102	22.5		130	10
6158460	IN 19 L 12-140		12	140	102	23.0		155	10
6158620	IN 19 L 14-140		14	140	100	24.7		190	10

IN 19 LK

SCREWDRIVER BIT SOCKET 1/2" long, with ball end for in-hex screws

- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, bit gun-metal finished
- T Total swivel angle approx. 15°-20°

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Code	No.	\$	L ₁	L ₂	d	/	l
6162810	IN 19 LK 6-140	6	140	102	22.5	80	10
6165080	IN 19 LK 7-140	7	140	102	22.5	90	5
6165160	IN 19 LK 8-140	8	140	102	22.5	100	10
6166800	IN 19 LK 10-140	10	140	102	22.5	150	10
6172370	IN 19 LK 12-140	12	140	102	23.0	190	5

INX 19

SCREWDRIVER BIT SOCKET 1/2" for multi-point screws

- T Acc. to DIN 2324
- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, tip as per DIN 2325, manganese-phosphated
- T * not standardised

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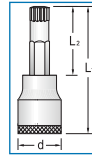
Code	No.	*	+	L ₁	L ₂	d	/	l
6158890	INX 19 5	*	M5	55	17	22.5	60	10
6159000	INX 19 6	*	M6	55	17	22.5	65	10
6159270	INX 19 8		M8	55	17	22.5	70	10
6159430	INX 19 10		M10	55	17	22.5	75	10
6159780	INX 19 12		M12	55	17	23.0	80	10
1888943	INX 19 14		M14	57	17	24.7	85	10

INX 19 L

SCREWDRIVER BIT SOCKET 1/2" long, for multi-point screws

- T Acc. to DIN 2324
- T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- T Hand-operated, chrome-plated
- T With pressed-in pin, tip as per DIN 2325, manganese-phosphated
- T * not standardised

O T



Code	No.	*	+	L ₁	L ₂	d	/	l
6159190	INX 19 L 6-100	*	M6	100	62	22.5	80	10
6159350	INX 19 L 8-100		M8	100	62	22.5	100	10
6159510	INX 19 L 10-100		M10	100	62	22.5	105	10
6159860	INX 19 L 12-100		M12	100	62	23.0	105	10
1888951	INX 19 L 14-100		M14	100	60	24.7	110	10

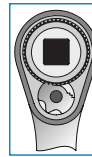
RATCHETS 12.5 (1/2")

1993 U-20

REVERSIBLE RATCHET 1/2"

- T Acc. to DIN 3122, ISO 3315
- T Fine-toothed, with lever change and push-button release
- T Non-slip 2-component handle with hanging hole
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

O O



Code	No.	a"	a	A°	y	ä	/	l
1436686	1993 U-20	1/2	12.5	6	270	37.5	530	5

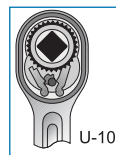


1993 U-10 L

REVERSIBLE RATCHET 1/2" long pattern

- T Acc. to DIN 3122, ISO 3315
- T With lever change
- T Push-button release
- T Locks in the middle position: When the lever is flipped, it automatically engages for clockwise or counterclockwise operation
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

O O



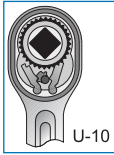
Code	No.	a"	a	A°	y	ä	/	l
6154550	1993 U-10 L	1/2	12.5	11,25	350	41	650	5



1993 U-10 T

REVERSIBLE RATCHET 1/2"

- T Acc. to DIN 3122, ISO 3315
- T With recessed lever change
- T Push-button release
- T Locks in the middle position: When the lever is flipped, it automatically engages for clockwise or counterclockwise operation
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

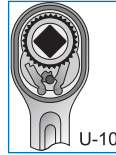


Code	No.	a"	a	A°	y	ä	/	l
6142620	1993 U-10 T	1/2	12.5	11,25	270	39	700	5

1993 GU-10 XL

SWIVEL HEAD REVERSIBLE RATCHET 1/2" extra long

- T Swivels through 180°
- T With lever change
- T Push-button release
- T Max. torque 600 N-m
- T Locks in the middle position: When the lever is flipped, it automatically engages for clockwise or counterclockwise operation
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device



Code	No.	a"	a	A°	y	ä	/	l	G
2018934	1993 GU-10 XL	1/2	12.5	11,25	600			1	G

1993 ALU-10

ALUMINIUM REVERSIBLE RATCHET 1/2"

- T Design spec. similar to DIN 3122, ISO 3315
- T Made from special-purpose drop-forged and hardened aluminium
- T The mechanism as in all U-10 ratchets is made from high quality steel
- T With lever change
- T Push-button release
- T Locks in the middle position: When the lever is flipped, it automatically engages for clockwise or counterclockwise operation
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device
- T Extremely lightweight - just 350 g

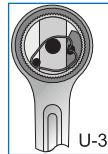


Code	No.	a"	a	A°	y	ä	/	l
6142700	1993 ALU-10	1/2	12.5	11,25	270	39	350	5

1993 GU-3

SWIVEL HEAD REVERSIBLE RATCHET 1/2"

- T Swivels through 180°, with joint lock
- T Fine-toothed
- T Max. torque 300 N-m
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

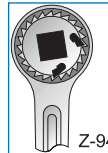


Code	No.	a"	a	A°	y	ä	/	l
6144320	1993 GU-3	1/2	12.5	5	282	40.5	380	5

1993 Z-94

RATCHET HANDLE WITH COUPLER 1/2"

- T Acc. to DIN 3122, ISO 3315
- T With square coupler, medium-fine toothed, extremely rugged
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

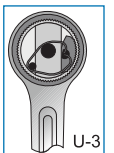


Code	No.	a"	a	A°	y	ä	/	l
6144590	1993 Z-94	1/2	12.5	15	270	21.9	440	5

1993 U-3

REVERSIBLE RATCHET 1/2"

- T Acc. to DIN 3122, ISO 3315
- T With non-slip metal disc change, fine-toothed and robust
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device



Code	No.	a"	a	A°	y	ä	/	l
6144240	1993 U-3	1/2	12.5	5	270	40.5	400	5



Deviant packing units see article description.

**1993 U-10 K****PLASTIC RATCHET 1/2"**

- T For fast and easy tightening of bolted connections up to max. 70 N-m
- T Return angle 11.25°
- T Made from sturdy compound material with a steel mechanism
- T Dimensions 44 x 145 x 42.2 mm
- T Available in five colours

ad



Code	No.	Colour	a"	a	A°	/	l
6242760	1993 U-10 K SCHWARZ	signal-black	1/2	12.5	11,25	247	5
6244620	1993 U-10 K GRÜN	moss-green	1/2	12.5	11,25	247	1
6244700	1993 U-10 K GRAU	anthracite-grey	1/2	12.5	11,25	247	1
6244890	1993 U-10 K BLAU	sky-blue	1/2	12.5	11,25	247	1
1505025	1993 U-10 K SIGNALGRAU	signal-grey	1/2	12.5	11,25	247	5

VS 1930**DISPLAY STAND 1/2" for plastic ratchets**

- T Display stand for 20 plastic ratchets in four different colours
- T In sturdy wire and sheet metal design

Contents:

- T 16 pieces 1993 U-10 K (4 each sky-blue RAL 5015, black RAL 9004, signal-grey RAL 7004, moss-green RAL 6005)
- T 4 pieces 3093 U-10 K (1 each sky-blue RAL 5015, black RAL 9004, signal-grey RAL 7004, moss-green RAL 6005)

adoc



Code	No.	Description	O	l
1461621	VS 1930 U-10 K	Display stand with assortment	6.0	1
1464175	VS 1930 U-10 K L	Display stand empty	1.1	1

Deviant packing units see article description.

ACCESSORIES 12.5 (1/2")**1930****REDUCER 1/2" TO 3/8"**

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device
- T Load capacity max. 202 N-m



adoc



Code	No.	Q"	Q	a"	a	y	/	l
6143000	1930	1/2	12.5	3/8	10	38.5	60	10

1932**CONVERTOR 1/2" TO 3/4"**

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device



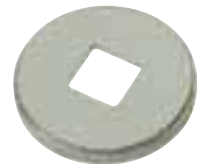
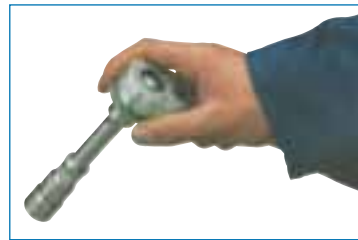
adoc

Code	No.	Q"	Q	a"	a	y	/	l
6143190	1932	1/2	12.5	3/4	20	44	130	10

1940**HIGH-SPEED SWIVEL DISC for 1/2" ratchets**

- T For 12.5 mm (1/2") ratchets
- T Tightens loose screws with a flick of the wrist
- T Easy assembly between release head and socket
- T Speeds up the screwing process

adoc



Code	No.	Q"	Q	/	l
1640887	1940	1/2	12.5	15	1

1981 K**L-HANDLE 1/2"**

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

adoc



Code	No.	a"	a	y	/	l
6143270	1981 K	1/2	12.5	220	260	1

1985**SPEED BRACE 1/2"**

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device

adoc



Code	No.	a"	a	y	/	l
6143350	1985	1/2	12.5	395	650	1



1987

SLIDING T BAR 1/2"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device



Code	No.	a"	a	y	/	l
6143430	1987	1/2	12.5	292	350	10

1987 A

SLIDING T BAR WITH RELEASE 1/2"

- T Secured against unintentional removal
- T Turn handle for easy locking and releasing
- T Accidental release when working is prevented because of the asymmetrical release point
- T Particularly useful for work in sensitive areas where certainty against loss is a theme
- T Examples: Aircraft engine, work in deep machine bodies
- T DBGM



Code	No.	a"	a	y	/	l
1871641	1987 A	1/2	12.5	292	375	1

1990 A

EXTENSION 1/2" with release

- T Easy access to deep-fitting screws
- T Locking ring prevents unintentional release of the socket
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device



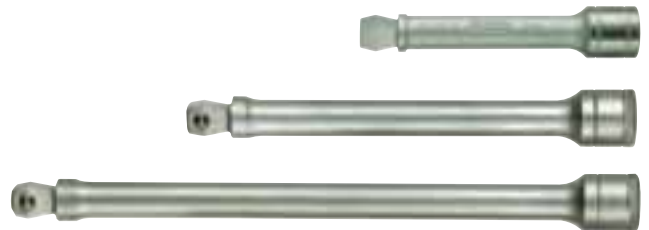
Code	No.	a"	a	y	/	l
1640828	1990 A-5	1/2	12.5	125	315	1
1640801	1990 A-10	1/2	12.5	250	190	1



1990 KR

UNIVERSAL EXTENSION 1/2"

- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device
- T The extension is able to pivot up to 15°
- T Load capacity max. 230 N-m



Code	No.	a"	a	y	/	l
6173180	1990 KR-5	1/2	12.5	125	180	1
6225590	1990 KR-7	1/2	12.5	180	245	1
6366570	1990 KR-10	1/2	12.5	250	250	1

1990

EXTENSION 1/2"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device



Code	No.	*	a"	a	y	/	l
6143510	1990-2.1/2	*	1/2	12.5	63	110	10
6143780	1990-3		1/2	12.5	76	120	10
6143860	1990-5		1/2	12.5	125	165	10
6142890	1990-7	*	1/2	12.5	180	250	10
6143940	1990-10		1/2	12.5	250	290	10
6129950	1990-12	*	1/2	12.5	305	400	1

1994

COUPLER 1/2"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device



Code	No.	a"	a	y	/	l
6144670	1994	1/2	12.5	37.8	40	10

1995

UNIVERSAL JOINT 1/2"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device



Code	No.	a"	a	O"	O	y	/	l
6144750	1995	1/2	12.5	1/2	12.5	73.5	150	10



19 G

SOCKET SET 1/2" 16 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 320 x 210 x 55 mm

19 G

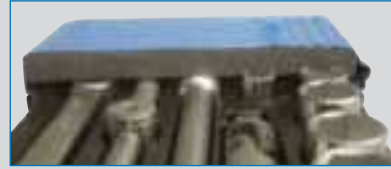


Code	No.	O	I
6122190	19 GMU-10 \$ T 1993 U-10T 1 19 10 11 12 13 14 16 17 18 19 21 22 24 ' 1990-5 -10 + 1987	3.4	1



d

THE NEW GENERATION OF GEDORE SOCKET SETS



- T Innovative, functional design
- T Inside-folded, seamless edge provides added strength.
The tool and foam inserts are secured to prevent them being lost
- T ABS plastic tool insert, resistant to oils and greases
- T Tool insert with the socket sizes permanently laser marked
- T With the lid closed, the tools sit securely in their pockets
- T Boxes designed so that they can be stacked easily
- T Large, rounded fasteners can be opened and closed even when the user is wearing gloves
- T Contoured carry handle ensures comfortable carrying even for long periods
- T Environmentally-friendly powder-coated in GEDORIT blue

19 PQ / D 19 PQ

SOCKET SET 1/2" 16 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 320 x 210 x 55 mm

19 PQ



Code	No.	O	I
6182920	19 PQMU-10 \$ T 1993 U-10T 1 19 8 10 11 12 13 14 15 17 19 22 24 ' 50 MH (20,8) ' 1990-7 + 1987) 1995	3.2	1
6185270	D 19 PQMU-10 \$ T 1993 U-10T D 19 8 10 11 12 13 14 15 17 19 22 24 ' 50 MH (20,8) ' 1990-7 + 1987) 1995	3.2	1

19 Q / D 19 Q

SOCKET SET 1/2" 17 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 320 x 210 x 55 mm

19 Q



Code	No.	O	I
1953869	19 QMU-3 # 1993 U-3 1 19 10 11 12 13 14 15 17 19 22 24 27 30 32 + 1987 ' 1990-10) 1995	4.0	1
6151450	19 QMU-10 \$ T 1993 U-10T 1 19 10 11 12 13 14 15 17 19 22 24 27 30 32 + 1987 ' 1990-10) 1995	4.2	1
1953966	D 19 QMU-3 # 1993 U-3 D 19 10 11 12 13 14 15 17 19 22 24 27 30 32 + 1987 ' 1990-10) 1995	3.9	1
6151530	D 19 QMU-10 \$ T 1993 U-10T D 19 10 11 12 13 14 15 17 19 22 24 27 30 32 + 1987 ' 1990-10) 1995	4.2	1



Detailed information on products,
 promotions and trade fairs

... www.gedore.com



Deviant packing units see article description.

**19 F / D 19 F**

SOCKET SET 1/2" 19 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 320 x 210 x 55 mm

O
D
1
3

Code	No.	O	I
1953834	19 FMU-3 # 1993 U-3 1 19 10 11 12 13 14 15 16 17 19 22 24 27 30 32 + 1987 ' 1990-5 -10) 1995	4.6	1
6150990	19 FMU-10 \$ T 1993 U-10T 1 19 10 11 12 13 14 15 16 17 19 22 24 27 30 32 + 1987 ' 1990-5 -10) 1995	4.6	1
1953877	D 19 FMU-3 # 1993 U-3 3 D 19 10 11 12 13 14 15 16 17 19 22 24 27 30 32 + 1987 ' 1990-5 -10) 1995	4.5	1
6151290	D 19 FMU-10 \$ T 1993 U-10T 3 D 19 10 11 12 13 14 15 16 17 19 22 24 27 30 32 + 1987 ' 1990-5 -10) 1995	4.6	1

19 E / D 19 E

SOCKET SET 1/2" 21 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 433 x 180 x 48 mm

O
D
1
3

Code	No.	O	I
6630850	19 EMU-10 \$ T 1993 U-10T 1 19 8 9 10 11 12 13 14 15 16 17 19 22 24 27 30 32 + 1987 ' 1990-5 -10) 1995	4.6	1
1413643	D 19 EMU-10 \$ T 1993 U-10T 3 D 19 8 9 10 11 12 13 14 15 16 17 19 22 24 27 30 32 + 1987 ' 1990-5 -10) 1995	4.6	1

19 W / D 19 W

SOCKET SET 1/2" 24 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 433 x 180 x 48 mm

O
D
1
3

Code	No.	O	I
6154390	19 WMU-10 \$ T 1993 U-10T 1 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 + 1987 ' 1990-5 -10) 1995	5.2	1
1953990	19 WMU-3 # 1993 U-3 1 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 + 1987 ' 1990-5 -10) 1995	5.2	1
6154470	D 19 WMU-10 \$ T 1993 U-10T 3 D 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 + 1987 ' 1990-5 -10) 1995	5.2	1
1954032	D 19 WMU-3 # 1993 U-3 3 D 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 + 1987 ' 1990-5 -10) 1995	5.1	1
1954024	D 19 WAU-3 # 1993 U-3 3 D 19 5/16 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" + 1987 ' 1990-5 -10) 1995	5.0	1



d





19T / D 19T

SOCKET SET 1/2" 25 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 525 x 203 x 50 mm

0 1 2 3



Code	No.	O	I
6148230	19 TMZ ! 1993 Z-94 1 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 / 1985 + 1987 ' 1990-5 -10) 1995	5.5	1
1953982	19 TMU-3 # 1993 U-3 1 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 / 1985 + 1987 ' 1990-5 -10) 1995	6.7	1
6151880	19 TMU-10 \$ T 1993 U-10T 1 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 / 1985 + 1987 ' 1990-5 -10) 1995	5.6	1
6148310	D 19 TMZ ! 1993 Z-94 3 D 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 / 1985 + 1987 ' 1990-5 -10) 1995	5.5	1
1954016	D 19 TMU-3 # 1993 U-3 3 D 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 / 1985 + 1987 ' 1990-5 -10) 1995	6.5	1
6151960	D 19 TMU-10 \$ T 1993 U-10T 3 D 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 / 1985 + 1987 ' 1990-5 -10) 1995	5.6	1
6148900	D 19 TAZ ! 1993 Z-94 3 D 19 5/16 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" / 1985 + 1987 ' 1990-5 -10) 1995	5.4	1
6149040	D 19 TAU-10 \$ T 1993 U-10T 3 D 19 5/16 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" / 1985 + 1987 ' 1990-5 -10) 1995	5.6	1

19I / D 19I

SOCKET SET 1/2" 27 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 433 x 180 x 48 mm

0 1 2 3 4 5 6 7 8 9



Code	No.	O	I
1953974	19 IMU-3 # 1993 U-3 1 19 10 11 12 13 14 15 17 19 22 24 27 30 5 IN 19 5 6 7 8 10 12 14 ? IS 19 8 10 ; IKS 19 2 3 ' 1990-5 -10) 1995	4.7	1
6139750	19 IMU-10 \$ T 1993 U-10T 1 19 10 11 12 13 14 15 17 19 22 24 27 30 5 IN 19 5 6 7 8 10 12 14 ? IS 19 8 10 ; IKS 19 2 3 ' 1990-5 -10) 1995	4.4	1
1954008	D 19 IMU-3 # 1993 U-3 3 D 19 10 11 12 13 14 15 17 19 22 24 27 30 5 IN 19 5 6 7 8 10 12 14 ? IS 19 8 10 ; IKS 19 2 3 ' 1990-5 -10) 1995	4.6	1
6140090	D 19 IMU-10 \$ T 1993 U-10T 3 D 19 10 11 12 13 14 15 17 19 22 24 27 30 5 IN 19 5 6 7 8 10 12 14 ? IS 19 8 10 ; IKS 19 2 3 ' 1990-5 -10) 1995	4.4	1

19C / D 19C

SOCKET SET 1/2" 29 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 525 x 203 x 50 mm

0 1 2 3



Code	No.	O	I
6172530	19 CMU-10 \$ T 1993 U-10T 1 19 10 11 12 13 14 15 16 17 18 19 21 22 2 10x11 12x13 14x15 16x17 18x21 19x22 6 10x11 12x13 14x15 16x17 18x21 19x22 + 1987 ' 1990-5 -10) 1995	6.6	1
6172610	D 19 CMU-10 \$ T 1993 U-10T 3 D 19 10 11 12 13 14 15 16 17 18 19 21 22 2 10x11 12x13 14x15 16x17 18x21 19x22 6 10x11 12x13 14x15 16x17 18x21 19x22 + 1987 ' 1990-5 -10) 1995	6.6	1

19 LM

SOCKET SET 1/2" 30 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 433 x 180 x 48 mm

0 1



Code	No.	O	I
1806033	19 LMU-10 \$ T 1993 U-10T 1 19 10 11 12 13 14 15 16 17 18 19 21 22 24 27 30 32 1 19 L 10 12 13 14 15 17 19 ; 50 MH (20,8) 54 (16) + 1987 ' 1990-5 -10) 1995	6.2	1



d





D 19 X

SOCKET SET 1/2" 31 pieces
T In GEDORIT blue sheet steel case
T Dimensions: 433 x 180 x 48 mm

303



Code	No.	O	I
6149390	D 19 XMAZ ! 1993 Z-94 3 D 19 11 13 14 17 19 22 24 27 30 32 3 D 19 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" + 1987 ' 1990-5 -10) 1995	5.8	1
6149470	D 19 XMAU-10 \$ T 1993 U-10T 3 D 19 11 13 14 17 19 22 24 27 30 32 3 D 19 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" + 1987 ' 1990-5 -10) 1995	5.8	1



D 19 Y

SOCKET SET 1/2" 41 pieces
T In GEDORIT blue sheet steel case
T Dimensions: 525 x 203 x 50 mm

043



Code	No.	O	I
6149710	D 19 YMAWZ ! 1993 Z-94 3 D 19 10 11 12 13 14 15 16 17 18 19 20 21 22 3 D 19 L 21 3 D 19 7/16 1/2 9/16 19/32 5/8 11/16 3/4 25/32 7/8 15/16 1" 2 D 19 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 W / 1985 ' 1990-5 -10 + 1987) 1995	7.2	1
6149980	D 19 YMAWU-10 \$ T 1993 U-10T 3 D 19 10 11 12 13 14 15 16 17 18 19 20 21 22 3 D 19 L 21 3 D 19 7/16 1/2 9/16 19/32 5/8 11/16 3/4 25/32 7/8 15/16 1" 2 D 19 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 W / 1985 ' 1990-5 -10 + 1987) 1995	7.3	1

Deviant packing units see article description.

19 V20U-10

SOCKET SET 1/4" + 1/2" 50 pieces
T In GEDORIT blue sheet steel case
T Dimensions: 525 x 203 x 50 mm

030150



Code	No.	O	I
6157490	19 V20U-10 cl \$ T 1993 U-10T	5.0	1
	b # 2093 U-3 cl 1 19 10 11 12 13 14 15 17 19 22 24 27 30 cl 5 IN 19 7 8 10 12 14 ? IS 19 8 10 ; IKS 19 3		
	b 1 20 4 4,5 5 5,5 6 7 8 9 10 11 13 b 5 IN 20 3 4 5 6 ? IS 20 4 5,5 6,5 ; IKS 20 1 2 ' 1990-5 -10) 1995		
	- 2098 ' 2090-2 -4 + 2087) 2095		



d

IN 19 P

SCREWDRIVER BIT SOCKET SET 1/2" 9 pieces
T For in-hex screws (INBUS®)
T In GEDORIT blue sheet steel case
T Dimensions: 281 x 79 x 35 mm
T INBUS® = reg. trademark of Acument GmbH & Co. OHG, 56567 Neuwied

0T5



Code	No.	/	I
6156250	IN 19 PM 5 IN 19 5 6 7 8 9 10 12 14 17	820	1
6156410	IN 19 PA 5 IN 19 3/16 7/32 1/4 9/32 5/16 3/8 1/2 9/16 5/8"	815	1

IN 19 Q

SCREWDRIVER BIT SOCKET SET 1/2" 11 pieces
T For in-hex screws (INBUS®)
T In GEDORIT blue sheet steel case
T Dimensions: 318 x 118 x 50 mm
T INBUS® = reg. trademark of Acument GmbH & Co. OHG, 56567 Neuwied

050



Code	No.	O	I
6156920	IN 19 Q \$ T 1993 U-10T 5 IN 19 5 6 7 8 9 10 12 14 17 ' 1990-7	2.5	1



d

IN 19 LKM

SCREWDRIVER BIT SOCKET SET

1/2" 15 pieces

- T For in-hex screws (INBUS®), short and long
- T In GEDORIT blue sheet steel case
- T Dimensions: 320 x 210 x 55 mm
- T INBUS® = reg. trademark of Acument GmbH & Co. OHG, 56567 Neuwied



O T 5

Code	No.	O	I
6129360	IN 19 LKM	1.9	1
	5 IN 19 5 6 7 8 9 10 12 14 17		
	5 IN 19 L 5-90 6-90 8-90 10-140 12-140 14-140		

INX 19 P

SCREWDRIVER BIT SOCKET SET

1/2" 9 pieces

- T For slotted, cross-head and multi-point screws
- T In GEDORIT blue sheet steel case
- T Dimensions: 281 x 79 x 35 mm



O T ? : ;

Code	No.	O	I
6150050	INX 19 PM	2.5	1
	· INX 19 5 6 8 10 12		
	· IK5 19 2 3 ? IS 19 12 16		

ITX 19 PM - ITX 19 B-PM

SCREWDRIVER BIT SOCKET SET

1/2" 9 pieces

- T ITX 19 PM: for recessed TORX® head screws
- T ITX 19 B-PM: for recessed TORX® head screws with pilot
- T In GEDORIT blue sheet steel case
- T Dimensions: 281 x 79 x 35 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



O T 7 8

Code	No.	O	I
6158970	ITX 19 PM	2.5	1
	7 ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60		
1394894	ITX 19 B-PM	2.5	1
	8 ITX 19 B T20 T25 T27 T30 T40 T45 T50 T55 T60		

ITX 19 LKP

SCREWDRIVER BIT SOCKET SET

1/2" 18 pieces

- T For recessed TORX® screws, short and long
- T In GEDORIT blue sheet steel case
- T Dimensions: 320 x 210 x 55 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



O T 7

Code	No.	O	I
6138510	ITX 19 LKP	1.9	1
	7 ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60		
	7 ITX 19 L T20 T25 T27 T30 T40 T45 T50 T55 T60		

ITX 19 TX-017

SCREWDRIVER BIT SOCKET SET

1/2" 17 pieces

- T For protruding and recessed TORX® screws
- T In GEDORIT blue sheet steel case
- T Dimensions: 320 x 210 x 55 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



O T 7 9

Code	No.	O	I
6129520	ITX 19 TX-017	2.0	1
	7 ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60		
	9 TX 19 E10 E11 E12 E14 E16 E18 E20 E24		

TX 19 E-09

SCREWDRIVER BIT SOCKET SET

1/2" 9 pieces

- T For protruding TORX® screws
- T In GEDORIT blue sheet steel case
- T Dimensions: 281 x 79 x 35 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



O T 9

Code	No.	O	I
6265970	TX 19 E-09	0.9	1
	9 TX 19 E10 E11 E12 E14 E16 E18 E20 E24 3019		

19 TX 20

SCREWDRIVER BIT SOCKET SET

1/2" 34 pieces

- T 1/2" and 1/4" sockets for protruding and recessed TORX® screws
- T In GEDORIT blue sheet steel case
- T Dimensions: 320 x 210 x 55 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



M R O T 7 9

Code	No.	O	I
6129440	19 TX 20	3.2	1
	d 7 ITX 19 T40 T45 T50 T55 T60		
	d 7 ITX 19 LT20 T25 T27 T30 T40 T45 T50 T55 T60		
	d 9 TX 19 E12 E14 E16 E18 E20 E24		
	b 7 ITX 20 T8 T9 T10 T15 T20 T25 T27 T30		
	b 9 TX 20 E4 E5 E6 E7 E8 E10		



ITX 19-20-30 T

SCREWDRIVER BIT SOCKET SET 1/2" 10 pieces

- T 1/4", 3/8" and 1/2" sockets for recessed TORX® screws
- T In plastic case
- T Dimensions: 200 x 120 x 38 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



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Code	No.	Ø	l
6173500	ITX 19-20-30 T R 7 ITX 20 T8 T10 T15 S 7 ITX 30 T20 T25 T30 T 7 ITX 19 T40 T50 T55 T60	0.8	1

VB 19 M - VBD 19 M

DISPLAY BOX 1/2" 192 pieces

- T With 192 1/2" sockets
- T Supplied with empty insert (EI-VBE 19 L)
- T Display box empty (VB 19 L) in GEDORIT silver sheet steel
- T Dimensions: 430 x 300 x 220 mm



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Code	No.	Ø	l
6152340	VB 19 M S VB 19 M + VB 19 L + EI-VBE 19 L	23.0	1
1888021	S VB 19 M 1 19 10x 8 9 10 11 12 13 14 8x 15 16 17 18 19 20 21 22 23 24 6x 25 26 27 28 29 30 32	17.0	1
6152260	VBD 19 M S VBD 19 M + VB 19 L + EI-VBE 19 L	23.0	1
1888048	S VBD 19 M 3 D 19 10x 8 9 10 11 12 13 14 8x 15 16 17 18 19 20 21 22 23 24 6x 25 26 27 28 29 30 32	17.0	1
5152720	VB 19 L	6.0	1
5151080	EI-VBE 19 L	0.1	1



Deviant packing units see article description.

VBI 19 M

DISPLAY BOX 1/2" 152 pieces

- T With 152 1/2" screwdriver bit sockets
- T Supplied with empty insert (EI-VBE 19 L)
- T Display box empty (VBI 19 L) in GEDORIT silver sheet steel
- T Dimensions: 430 x 300 x 220 mm



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Code	No.	Ø	l
6152180	VBI 19 M S VBI 19 M + VBI 19 L + EI-VBE 19 L	28.0	1
1888056	S VBI 19 M 10x 5 IN 19 6 8 10 8x 5 IN 19 5 12 14 5x 5 IN 19 4 7 9 17 19 5x ? IS 19 8 10 12 3x ? IS 19 14 16 18 5x : IKS 19 2 3 4 3x < IKS 19 PZD 2 3 4 5x . INX 19 5 6 8 10 12	24.0	1
5152480	VBI 19 L	9.2	1
5151080	EI-VBE 19 L	0.1	1

VBTX 19

DISPLAY BOX 1/2" 185 pieces

- T With 185 protruding and recessed 1/2" TORX® sockets
- T Display box empty (VBTX 19 L) in GEDORIT silver sheet steel
- T Dimensions: 413 x 275 x 165 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



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Code	No.	Ø	l
6194260	VBTX 19 S VBTX 19 + VBTX 19 L	20.0	1
1888064	S VBTX 19 10x 7 ITX 19 T20 T25 T27 T30 T40 T45 10x 9 TX 19 E10 E11 E12 E14 E16 5x 7 ITX 19 T50 T55 T60 5x 7 ITX 19 L T20 T25 T27 T30 T40 T45 T50 T55 T60 5x 9 TX 19 E18 E20 E24	19.0	1
6160010	VBTX 19 L	5.3	1

VBE 19 INL

DISPLAY INSERT WITH ASSORTMENT 1/2" 75 pieces

- T Includes 75 1/2" screwdriver bit sockets
- T Also suitable for VB 19, VBI 19
- T Dimensions: 430 x 150 x 35 mm
- T EI-VBE 19 L = empty insert



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Code	No.	Ø	l
6157220	VBE 19 INL 5x 5 IN 19 L 5-90 5-180 6-90 6-140 6-160 7-100 8-90 8-120 10-140 12-140 14-140 5x . INX 19 L 6-100 8-100 10-100 12-100	10.5	1
5151080	EI-VBE 19 L	0.1	1



20 MM (3/4") SQUARE DRIVE

P U p e

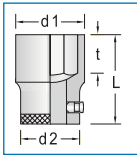
SOCKETS 20 MM (3/4")



32

SOCKET 3/4" hexagon

T Acc. to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
 T Hand-operated, chrome-plated, ground
 T * not standardised



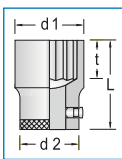
P U 1

Code	No.	*	l	L	d ₁	d ₂	t	/	£
6269880	32 18	*	18	51.5	28.3	36.0	19.0	230	1
6270110	32 19	*	19	51.5	29.6	36.0	19.0	120	1
6269960	32 21		21	51.5	32.0	36.0	19.0	240	1
6270380	32 22		22	51.5	33.3	36.0	19.0	160	1
6270460	32 24		24	51.5	35.8	38.0	19.5	180	1
6270540	32 27		27	54.5	39.6	36.0	24.0	250	1
6270620	32 29	*	29	54.5	42.0	36.0	23.5	280	1
6270700	32 30		30	57.5	43.3	38.0	26.0	350	1
6270890	32 32		32	57.5	45.8	38.0	27.0	380	1
6270030	32 33	*	33	57.5	47.0	40.0	26.5	400	1
6279410	32 34		34	57.5	48.3	40.0	26.5	410	1
6270970	32 36		36	59.5	50.8	40.0	28.0	450	1
6271000	32 38	*	38	59.5	53.3	40.5	28.0	460	1
6271190	32 41		41	62.5	57.1	44.0	30.5	500	1
6271270	32 46		46	65.5	63.3	44.0	32.5	570	1
6271350	32 50		50	68.5	68.3	48.0	34.5	650	1
6271430	32 55		55	68.5	74.6	53.0	33.0	750	1
6271510	32 60		60	68.5	80.8	53.0	33.0	850	1

D 32

SOCKET 3/4" UD profile

T Acc. to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
 T Hand-operated, chrome-plated, ground
 T * not standardised



P U 3

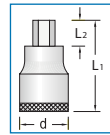
Code	No.	*	l	L	d ₁	d ₂	t	/	£
6289720	D 32 18	*	18	51.5	28.3	36.0	19.0	215	1
6272160	D 32 19	*	19	51.5	29.6	36.0	19.0	120	1
6289800	D 32 21		21	51.5	32.0	36.0	19.0	225	1
6272240	D 32 22		22	51.5	33.3	36.0	19.0	150	1
6272320	D 32 24		24	51.5	35.8	38.0	19.5	180	1
6272400	D 32 27		27	54.5	39.6	36.0	24.0	250	1
6272590	D 32 29	*	29	54.5	42.0	36.0	23.5	280	1
6272670	D 32 30		30	57.5	43.3	38.0	26.0	350	1
6272750	D 32 32		32	57.5	45.8	38.0	27.0	380	1
6277040	D 32 33	*	33	57.5	47.0	40.0	26.5	400	1
6272830	D 32 36		36	59.5	50.8	40.0	28.0	450	1
6272910	D 32 38	*	38	59.5	53.3	40.5	28.0	460	1
6273050	D 32 41		41	62.5	57.1	44.0	30.5	500	1
6273130	D 32 46		46	65.5	63.3	44.0	32.5	570	1
6273210	D 32 50		50	68.5	68.3	48.0	34.5	650	1
6273480	D 32 55		55	68.5	74.6	53.0	33.0	750	1
6273560	D 32 60		60	68.5	80.8	53.0	33.0	850	1

Code	No.	"	L	d ₁	d ₂	t	/	£
6274020	D 32 7/8AF	7/8	51.5	33.6	36.0	19.0	150	1
6274100	D 32 15/16AF	15/16	51.5	35.6	38.0	19.5	180	1
6274290	D 32 1AF	1	51.5	37.6	36.0	22.0	200	1
6274370	D 32 1.1/16AF	1.1/16	54.5	39.6	36.0	24.0	250	1
6274450	D 32 1.1/8AF	1.1/8	54.5	41.5	36.0	24.0	280	1
6274530	D 32 1.1/4AF	1.1/4	57.5	45.5	38.0	27.0	380	1
6274610	D 32 1.5/16AF	1.5/16	57.5	47.5	40.0	26.5	400	1
6274880	D 32 1.3/8AF	1.3/8	59.5	49.5	40.0	28.0	420	1
6274960	D 32 1.7/16AF	1.7/16	59.5	51.4	40.0	28.0	450	1
6275180	D 32 1.1/2AF	1.1/2	59.5	53.3	40.5	28.0	460	1
6275260	D 32 1.5/8AF	1.5/8	62.5	57.4	44.0	30.5	500	1
6275340	D 32 1.11/16AF	1.11/16	62.5	59.4	44.0	30.5	530	1
6275420	D 32 1.3/4AF	1.3/4	65.5	61.4	44.0	32.5	550	1
6275500	D 32 1.13/16AF	1.13/16	65.5	63.3	44.0	32.5	570	1
6275690	D 32 1.7/8AF	1.7/8	65.5	65.3	44.0	32.5	600	1
6275770	D 32 2AF	2	68.5	69.2	48.0	34.5	650	1

IN 32

SCREWDRIVER BIT SOCKET 3/4" for in-hex screws

T Acc. to DIN 7422
 T Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
 T Hand-operated, chrome-plated
 T With pressed-in pin, bit manganese-phosphated



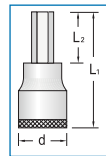
P U 5

Code	No.	£	L ₁	L ₂	d	/	l
6275850	IN 32 14	14	80	25.5	38	200	1
6275930	IN 32 17	17	80	25.5	38	200	1
6276070	IN 32 19	19	80	25.5	38	300	1
6276150	IN 32 22	22	80	25.5	38	300	1

IN 32 L

SCREWDRIVER BIT SOCKET 3/4" long, for in-hex screws

T Acc. to DIN 7422
 T Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
 T Hand-operated, chrome-plated
 T With pressed-in pin, bit manganese-phosphated



P U 5

Code	No.	£	L ₁	L ₂	d	/	l	G
2003503	IN 32 L 14-155	14	155	100	38	1	G	
1353705	IN 32 L 17-155	17	155	100	38	1	G	
2003511	IN 32 L 19-155	19	155	100	38	1	G	
2003538	IN 32 L 22-155	22	155	100	38	1	G	

ITX 32

SCREWDRIVER BIT SOCKET 3/4" for recessed TORX® head screws

T Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
 T Hand-operated, chrome-plated
 T With pressed-in pin, bit gun-metal finished
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



P U 7

Code	No.	7	+	&	L ₁	L ₂	d	/	£
6271780	ITX 32 T60	T60	M14	13.25	80	25.5	38	325	1
6272080	ITX 32 T70	T70	M16	15.55	80	25.5	38	340	1
6273640	ITX 32 T80	T80	M18	17.58	80	25.5	38	360	1
6276230	ITX 32 T90	T90	M20	19.95	80	25.5	38	380	1
6276310	ITX 32 T100	T100	M22	21.16	80	25.5	38	395	1



RATCHETS 20 MM (3/4")

3293 U-10

REVERSIBLE RATCHET 3/4"

- T Acc. to DIN 3122, ISO 3315
- T With lever change, locks in middle position
- T Push-fit tube handle
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - D 20, ISO 1174, with locking pin

ep



Code	No.	a"	a	A°	y	ä	/	l
6277980	3293 U-10	3/4	20	11,25	620	57.5	2400	1

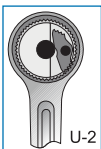


3293 U-2

REVERSIBLE RATCHET 3/4"

- T Acc. to DIN 3122, ISO 3315
- T With disc change, fine-toothed and robust
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - D 20, ISO 1174, with locking pin

ep



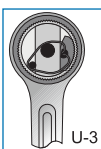
Code	No.	a"	a	A°	y	ä	/	l
6278600	3293 U-2	3/4	20	7,2	510	60	1250	1

3293 U-3

REVERSIBLE RATCHET 3/4"

- T Acc. to DIN 3122, ISO 3315
- T With non-slip metal disc change, fine-toothed and robust
- T Push-fit tube handle
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - D 20, ISO 1174, with locking pin

ep



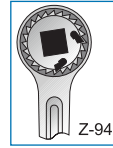
Code	No.	a"	a	A°	y	ä	/	l
6278790	3293 U-3	3/4	20	5	620	62.5	2200	1

3293 Z-94

RATCHET HANDLE WITH COUPLER 3/4"

- T Acc. to DIN 3122, ISO 3315
- T With square coupler, medium-fine toothed, extremely rugged
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - D 20, ISO 1174, with locking pin

ep



Code	No.	a"	a	A°	y	a	/	l
6278950	3293 Z-94	3/4	20	10	510	31.0	1300	1



ep

ACCESSORIES 20 MM (3/4")

3219

REDUCER 3/4" TO 1/2"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin
- T Load capacity max. 512 N-m

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Code	No.	Q"	Q	a"	a	y	/	£
6278010	3219	3/4	20	1/2	12.5	56	150	1

3221

CONVERTOR 3/4" TO 1"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin

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Code	No.	Q"	Q	a"	a	y	/	£
6278280	3221	3/4	20	1	25	60	300	1

3287

SLIDING T BAR 3/4"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin

ep



Code	No.	a"	a	y	/	£
6278360	3287	3/4	20	500	1150	1

3290

EXTENSION 3/4"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin

ep



Code	No.	a"	a	y	/	£
6278440	3290-8	3/4	20	200	600	1
6278520	3290-16	3/4	20	400	1100	1

3294

COUPLER 3/4"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin

ep



Code	No.	a"	a	y	/	£
6279090	3294	3/4	20	51.5	100	1



3295

UNIVERSAL JOINT 3/4"
 T Acc. to DIN 3123, ISO 3316
 T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin



e 3 0 0

Code	No.	a"	a	Q"	Q	y	/	E
6279170	3295	3/4	20	3/4	20	108	550	1

3296

SWIVEL HANDLE 3/4"
 T Acc. to DIN 3122, ISO 3315
 T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin



e 3 0 0

Code	No.	a"	a	y	/	E
6279250	3296	3/4	20	547	1950	1

Detailed information on products, promotions and trade fairs

... www.gedore.com



SETS 20 MM (3/4")

pe

32 E / D 32 E

SOCKET SET 3/4" 14 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 525 x 203 x 73 mm

e 3 0 1 3



Code	No.	O	I
6280180	32 EMZ ! 3293 Z-94 1 32 22 24 27 30 32 36 38 41 46 50 + 3287 ' 3290-8 -16	11.4	1
6280340	32 EMU-2 " 3293 U-2 1 32 22 24 27 30 32 36 38 41 46 50 + 3287 ' 3290-8 -16	11.5	1
6280260	D 32 EMZ ! 3293 Z-94 3 D 32 22 24 27 30 32 36 38 41 46 50 + 3287 ' 3290-8 -16	10.3	1
6280420	D 32 EMU-2 " 3293 U-2 3 D 32 22 24 27 30 32 36 38 41 46 50 + 3287 ' 3290-8 -16	10.3	1
6280500	D 32 EAZ ! 3293 Z-94 3 D 32 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" + 3287 ' 3290-8 -16	10.3	1
6280690	D 32 EAU-2 " 3293 U-2 3 D 32 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" + 3287 ' 3290-8 -16	10.3	1

D 32 EMAU-2

SOCKET SET 3/4" 25 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 660 x 230 x 80 mm

e 3 0 0



Code	No.	O	I
6281310	D 32 EMAU-2 " 3293 U-2 3 D 32 22 24 27 30 32 36 41 46 50 3 D 32 7/8 15/16 1" 1.1/16 1.1/8 1.1/4 1.5/16 1.3/8 1.1/2 1.11/16 1.7/8 2" + 3287 ' 3290-8 -16	18.0	1



32 FM / D 32 FM

SOCKET SET 3/4" 16 pieces
 T In GEDORIT blue sheet steel case
 T Dimensions: 555 x 230 x 80 mm

e 3 0 1 3



Code	No.	O	I
6280930	32 FMZ ! 3293 Z-94 1 32 22 24 27 30 32 36 38 41 46 50 55 60 + 3287 ' 3290-8 -16	15.6	1
6281150	32 FMU-2 " 3293 U-2 1 32 22 24 27 30 32 36 38 41 46 50 55 60 + 3287 ' 3290-8 -16	15.8	1
6281070	D 32 FMZ ! 3293 Z-94 3 D 32 22 24 27 30 32 36 38 41 46 50 55 60 + 3287 ' 3290-8 -16	14.5	1
6281230	D 32 FMU-2 " 3293 U-2 3 D 32 22 24 27 30 32 36 38 41 46 50 55 60 + 3287 ' 3290-8 -16	14.5	1



25 (1") SQUARE DRIVE

R V r f

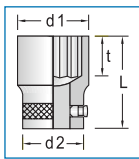
SOCKETS 25 (1")

D 21

SOCKET 1" UD profile or bi-hexagon

- T Acc. to DIN 3124, ISO 2725-1
- T Square drive as per DIN 3120 - D 25, ISO 1174, with locking pin
- T Metric sizes with UD profile, double hex imperial and Whitworth
- T Hand-operated, chrome-plated, ground
- T * not standardised

R
V
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2



Code	No. 3	*	l	L	d ₁	d ₂	t	/	£
6174900	D 21 36	*	36	70.0	53.9	48.0	30.0	650	1
6175040	D 21 41		41	70.0	60.1	50.0	30.5	750	1
6175120	D 21 46		46	75.0	66.4	50.0	33.5	900	1
6175200	D 21 50		50	75.0	71.4	50.0	35.0	1000	1
6175390	D 21 55		55	80.0	77.6	50.0	37.5	1100	1
6175470	D 21 60		60	85.0	83.9	50.0	41.0	1400	1
6175550	D 21 65		65	88.0	90.1	59.5	44.5	1600	1
6175630	D 21 70		70	92.0	96.4	59.5	48.0	1750	1
6175710	D 21 75		75	95.0	102.6	59.5	51.0	2100	1
6175980	D 21 80		80	97.0	108.9	59.5	54.0	2300	1

Code	No. 2	"	L	d ₁	d ₂	t	/	£
6176440	D 21 1.7/16AF	1.7/16	70.0	54.5	48.0	30.0	650	1
6176520	D 21 1.1/2AF	1.1/2	70.0	56.5	48.0	30.0	700	1
6176600	D 21 1.5/8AF	1.5/8	70.0	60.1	50.0	30.5	750	1
6176870	D 21 1.13/16AF	1.13/16	75.0	66.4	50.0	33.5	900	1
6176950	D 21 1.7/8AF	1.7/8	75.0	68.4	50.0	33.5	950	1
6177090	D 21 2AF	2	75.0	72.4	50.0	35.0	1000	1
6177170	D 21 2.1/16AF	2.1/16	75.0	74.0	50.0	35.0	1050	1
6177250	D 21 2.3/16AF	2.3/16	80.0	78.3	50.0	37.5	1100	1
6177330	D 21 2.1/4AF	2.1/4	80.0	80.3	50.0	37.5	1150	1
6177410	D 21 2.3/8AF	2.3/8	85.0	83.9	50.0	41.0	1400	1
6177680	D 21 2.7/16AF	2.7/16	85.0	86.2	50.0	41.0	1450	1
6177760	D 21 2.9/16AF	2.9/16	88.0	90.1	59.5	44.5	1600	1
6177840	D 21 2.5/8AF	2.5/8	88.0	92.2	59.5	44.5	1650	1
6177920	D 21 2.3/4AF	2.3/4	92.0	96.4	59.5	48.0	1750	1
6178060	D 21 2.13/16AF	2.13/16	92.0	98.2	59.5	48.0	1850	1
6178140	D 21 2.15/16AF	2.15/16	95.0	102.6	59.5	51.0	2100	1
6178220	D 21 3AF	3	95.0	104.1	59.5	51.0	2200	1
6178300	D 21 3.1/8AF	3.1/8	97.0	108.9	59.5	54.0	2300	1

Code	No. 2	#	L	d ₁	d ₂	t	/	£
6178650	D 21 7/8W	7/8	70.0	55.8	48.0	30.0	700	1
6178730	D 21 15/16W	15/16	70.0	58.6	50.0	30.0	750	1
6178810	D 21 1W	1	70.0	61.9	50.0	30.5	800	1
6179030	D 21 1.1/8W	1.1/8	75.0	67.9	50.0	33.5	950	1
6179110	D 21 1.1/4W	1.1/4	75.0	74.0	50.0	35.0	1050	1
6179380	D 21 1.3/8W	1.3/8	80.0	79.3	50.0	37.5	1150	1
6179460	D 21 1.1/2W	1.1/2	85.0	85.1	50.0	41.0	1450	1
6179540	D 21 1.5/8W	1.5/8	88.0	90.8	59.5	44.5	1600	1
6179620	D 21 1.3/4W	1.3/4	92.0	96.4	59.5	48.0	1750	1
6179700	D 21 2W	2	97.0	108.9	59.5	54.0	2300	1

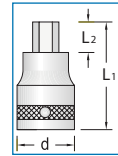
Deviant packing units see article description.

IN 21

SCREWDRIVER BIT SOCKET 1" for in-hex screws

- T Acc. to DIN 7422
- T Square drive as per DIN 3120 - D 25, ISO 1174, with locking pin
- T Hand-operated, chrome-plated
- T With pressed-in pin, bit manganese-phosphated
- T * not standardised

R
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5



V

Code	No.	*	\$	L ₁	L ₂	d	/	l
6181010	IN 21 17		17	90	25.5	48	300	1
6181280	IN 21 19		19	90	25.5	48	300	1
6181360	IN 21 22		22	90	25.5	48	400	1
6181440	IN 21 24		24	90	25.5	48	400	1
6200680	IN 21 27	*	27	90	25.5	48	850	1

RATCHETS 25 (1")

2193 U-10

REVERSIBLE RATCHET 1"

- T Acc. to DIN 3122, ISO 3315
- T With lever change, locks in middle position
- T Push-fit bar handle no. 2187 G
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - D 25, ISO 1174, with locking pin

r
f



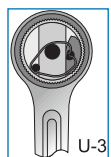
Code	No.	a"	a	A"	y	ä	/	l
6180550	2193 U-10 complete	1	25	11,25	810	61.5	5210	1
6196120	2193 U-10 K head only	1	25		184	61.5	1980	1
6195900	2187 G tommy bar				700		3230	1

2193 U-3

REVERSIBLE RATCHET 1"

- T Acc. to DIN 3122, ISO 3315
- T With non-slip metal disc change, fine-toothed and robust
- T Push-fit tube handle
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - D 25, ISO 1174, with locking pin

r
f



Code	No.	a"	a	A"	y	ä	/	l
6180630	2193 U-3 complete	1	25	5	720	76	4160	1
1637487	2193 U-3 K head only	1	25				2000	1
1382500	2193 Z/17 tube						2160	1

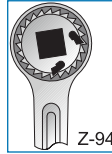


2193 Z-94

RATCHET HANDLE WITH COUPLER 1"

- T Acc. to DIN 3122, ISO 3315
- T With square coupler, medium-fine toothed, extremely rugged
- T Push-fit tube handle
- T For hand-operated sockets and accessories with square drive as per DIN 3120 - D 25, ISO 1174, with locking pin

r
f



Code	No.	a"	a	A°	y	ä	/	l
6181520	2193 Z-94	1	25	9	720	41	4115	1
	complete							
1493779	2193 Z K	1	25				1955	
	head only							
1382500	2193 Z/17						2160	1
	tube							



f

ACCESSORIES 25 (1")

2132

REDUCER 1" TO 3/4"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin
- T Load capacity max. 1412 N-m

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E



Code	No.	O"	Q	a"	a	y	/	l
6180040	2132	1	25	3/4	20	75	500	1

2187

SLIDING T BAR 1"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin

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Code	No.	a"	a	y	/	l
6180120	2187	1	25	700	3950	1
	complete					
6196040	2187 K	1	25	80	700	1
	drive piece					
6195900	2187 G			700	3230	1
	tommy bar					



2190

EXTENSION 1"

- T Acc. to DIN 3123, ISO 3316
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin

r
f



Code	No.	a"	a	y	/	l
6180200	2190-8	1	25	200	1150	1
6180390	2190-16	1	25	400	1900	1

2194

COUPLER 1"

- T Acc. to DIN 3122, ISO 3315
- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin

r
f



Code	No.	a"	a	y	/	l
6180710	2194	1	25	67.5	300	1

2195

UNIVERSAL JOINT 1"

- T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin

r
f



Code	No.	a"	a	Q"	Q	y	/	l
6180980	2195	1	25	1	25	140	1400	1

SETS 25 (1")

r
f

D 21 E

SOCKET SET 1" 15 pieces

- T In GEDORIT blue sheet steel case
- T Dimensions: 765 x 289 x 105 mm

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Code	No.	O	l
6181600	D 21 EMU-10	36.7	1
	\$ K 2193 U-10 K		
	3 D 21 36 41 46 50 55 60 65 70 75 80		
	' 2190-8 -16 6 2187 G 5 2187 K		
6181790	D 21 EAU-10	34.9	1
	\$ K 2193 U-10 K		
	3 D 21 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" AF		
	' 2190-8 -16 6 2187 G 5 2187 K		
6181870	D 21 EWU-10	34.9	1
	\$ K 2193 U-10 K		
	2 D 21 7/8 15/16 1" 1.1/8 1.1/4 1.3/8 1.1/2		
	1.5/8 1.3/4 2" W		
	' 2190-8 -16 6 2187 G 5 2187 K		



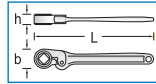
FRICION TYPE RATCHETS

31 KR

FRICION TYPE RATCHET with ring UD profile or bi-hexagon

- T Friction spanner (31 K) with exchangeable UD profile or bi-hexagon insert rings (31 R)
- T Hexagon rings are available on request
- T Flat shaft up to 30°; push-fit tube handle from 35°
- T GEDORE vanadium steel 31CrV3, manganese-phosphated
- T Explanation of the article number: 31 KR 16-32 = ratchet 31 K 16" and insert ring 31 R 32 mm

2
3



Code	No.	l	L	L"	h	b	/	£
6253020	31 KR 6-8	8	150	6	11.5	23.0	90	1
6253100	31 KR 6-9	9	150	6	11.5	23.0	90	1
6253290	31 KR 6-10	10	150	6	11.5	23.0	90	1
6253370	31 KR 6-11	11	150	6	11.5	23.0	90	1
6253450	31 KR 6-12	12	150	6	11.5	23.0	90	1
6253530	31 KR 6-13	13	150	6	11.5	23.0	90	1
6253610	31 KR 8-14	14	205	8	15.5	31.2	220	1
6253880	31 KR 8-15	15	205	8	15.5	31.2	220	1
6253960	31 KR 8-16	16	205	8	15.5	31.2	220	1
6254180	31 KR 8-17	17	205	8	15.5	31.2	220	1
6254260	31 KR 10-18	18	255	10	17.5	38.0	370	1
6254340	31 KR 10-19	19	255	10	17.5	38.0	370	1
6254500	31 KR 10-21	21	255	10	17.5	38.0	370	1
6254690	31 KR 10-22	22	255	10	17.5	38.0	370	1
6254770	31 KR 10-23	23	255	10	17.5	38.0	370	1
6254850	31 KR 12-24	24	305	12	18.5	44.6	480	1
6255070	31 KR 12-26	26	305	12	18.5	44.6	480	1
6255150	31 KR 12-27	27	305	12	18.5	44.6	480	1
6255230	31 KR 12-28	28	305	12	18.5	44.6	480	1
6255580	31 KR 16-30	30	400	16	19.5	51.6	720	1
6255740	31 KR 16-32	32	400	16	19.5	51.6	720	1
6262600	31 KR 20-34	34	500	20	21.5	63.6	1200	1
6256120	31 KR 20-36	36	500	20	21.5	63.6	1250	1
6256470	31 KR 20-41	41	500	20	21.5	63.6	1250	1
6256550	31 KR 25-46	46	635	25	31.5	78.1	2500	1
6256630	31 KR 25-50	50	635	25	31.5	78.1	2500	1
6256710	31 KR 30-55	55	760	30	33.5	92.0	3050	1
6256980	31 KR 30-60	60	760	30	33.5	92.0	3050	1
6257010	31 KR 35-65	65	940	35	36.5	105.0	5000	1
6257280	31 KR 35-70	70	940	35	36.5	105.0	5000	1
6257360	31 KR 40-75	75	960	40	39.5	118.0	5900	1
6257440	31 KR 40-80	80	960	40	39.5	118.0	5900	1
6257520	31 KR 45-85	85	1150	45	46.0	133.0	10100	1
6257600	31 KR 45-90	90	1150	45	46.0	133.0	10100	1
6257790	31 KR 55-95	95	1400	55	55.0	160.0	18400	1
6257870	31 KR 55-100	100	1400	55	55.0	160.0	18400	1
6257950	31 KR 55-105	105	1400	55	55.0	160.0	18400	1
6258090	31 KR 60-110	110	1500	60	57.0	169.0	19800	1
6258170	31 KR 60-115	115	1500	60	57.0	169.0	19800	1



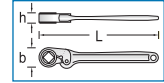
Deviant packing units see article description.

31 KVR

FRICION TYPE RATCHET with square ring

- T Friction spanner (31 K) with exchangeable square insert rings (31 VR)
- T GEDORE vanadium steel 31CrV3, manganese-phosphated
- T Explanation of the article number: 31 KVR 8-12 = ratchet 31 K 8" and insert ring 31 VR 12 mm

@



Code	No.	l	L	L"	h	b	/	£
6266000	31 KVR 6-8	8	150	6	11.5	23.0	90	1
6266190	31 KVR 6-9	9	150	6	11.5	23.0	90	1
6266270	31 KVR 6-10	10	150	6	11.5	23.0	90	1
6266350	31 KVR 6-11	11	150	6	11.5	23.0	90	1
6266430	31 KVR 8-12	12	205	8	15.5	31.2	220	1
6266780	31 KVR 8-14	14	205	8	15.5	31.2	220	1
6267080	31 KVR 10-17	17	255	10	17.5	38.0	370	1
6267240	31 KVR 10-19	19	255	10	17.5	38.0	370	1

31 K

FRICION RATCHET HANDLE WITHOUT INSERT RING

- T Friction spanner for insert rings 31 R and 31 VR
- T GEDORE vanadium steel 31CrV3, manganese-phosphated



Code	No.	1 Ring	@ Ring	L	L"	Head Ø	/	l
6243060	31 K 6	8-13	8-11	150	6	20	60	1
6243140	31 K 8	14-17	12-14	205	8	28	180	1
6243220	31 K 10	18-23	17-19	255	10	34	310	1
6243300	31 K 12	24-28		305	12	40	410	1
6243490	31 K 16	30-32		400	16	46	890	1
6243570	31 K 20	34-41		500	20	57	1020	1
6243650	31 K 25	46-50		635	25	70	2200	1
6243730	31 K 30	55-60		760	30	82	2600	1
6243810	31 K 35	65-70		940	35	96	4500	1
6244030	31 K 40	75-80		960	40	108	5300	1
6244110	31 K 45	85-90		1150	45	120	9000	1
6244460	31 K 55	95-105		1400	55	145	16400	1
6244540	31 K 60	110-115		1500	60	153	17100	1

31 R

INSERT RING FOR FRICION RATCHET UD profile or bi-hexagon

- T GEDORE vanadium steel 31CrV3, manganese-phosphated

2
3



Code	No.	1	Ø	3	/	l	
6245000	31 R 8	∩	8	19.7	6	30	1
6245190	31 R 9		9	19.7	6	30	1
6245270	31 R 10		10	19.7	6	30	1
6245350	31 R 11		11	19.7	6	30	1
6245430	31 R 12		12	19.7	6	30	1
6245510	31 R 13		13	19.7	6	30	1
6245780	31 R 14		14	27.6	8	40	1
6245860	31 R 15		15	27.6	8	40	1



Code	No.	1	Ø	z	/	l
6245940	31 R 16	16	27.6	8	40	1
6246080	31 R 17	17	27.6	8	40	1
6246160	31 R 18	18	33.6	10	60	1
6246240	31 R 19	19	33.6	10	60	1
6246400	31 R 21	21	33.6	10	60	1
6246590	31 R 22	22	33.6	10	60	1
6246670	31 R 23	23	33.6	10	60	1
6246750	31 R 24	24	39.6	12	70	1
6246910	31 R 26	26	39.6	12	70	1
6247050	31 R 27	27	39.6	12	70	1
6247130	31 R 28	28	39.6	12	70	1
6247480	31 R 30	30	45.6	16	150	1
6247640	31 R 32	32	45.6	16	150	1
6240040	31 R 34	34	56.6	20	240	1
6248020	31 R 36	36	56.6	20	230	1
6248370	31 R 41	41	56.6	20	230	1
6248450	31 R 46	46	70.0	25	300	1
6248530	31 R 50	50	70.0	25	300	1
6248610	31 R 55	55	82.0	30	450	1
6248880	31 R 60	60	82.0	30	450	1
6248960	31 R 65	○ 65	96.0	35	500	1
6249180	31 R 70	70	96.0	35	500	1
6249260	31 R 75	75	108.0	40	600	1
6249340	31 R 80	80	108.0	40	915	1
6249420	31 R 85	85	120.0	45	1100	1
6249500	31 R 90	90	120.0	45	1100	1
6249690	31 R 95	95	145.0	55	2000	1
6249770	31 R 100	100	145.0	55	2000	1
6249850	31 R 105	105	145.0	55	2000	1
6249930	31 R 110	110	153.0	60	2700	1
6250000	31 R 115	115	153.0	60	2700	1

31 VR

INSERT RING FOR FRICTION RATCHET square
 T GEDORE vanadium steel 31CrV3, manganese-phosphated



@

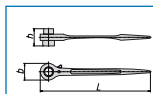
Code	No.	@	Ø	z	/	l
6261200	31 VR 8	8	19.7	6	30	1
6261390	31 VR 9	9	19.7	6	30	1
6261470	31 VR 10	10	19.7	6	30	1
6261550	31 VR 11	11	19.7	6	30	1
6261630	31 VR 12	12	27.6	8	40	1
6261980	31 VR 14	14	27.6	8	40	1
6262360	31 VR 17	17	33.6	10	60	1
6262520	31 VR 19	19	33.6	10	60	1

29

CONSTRUCTION RATCHET bi-hexagon

T Reversible ratchet with two different size heads, bi-hexagon and "rat-tail" handle

2



Code	No.	l	L	h	b	/	l
1648934	29 17x19	17 x 19	315	49.0	42.0	456	1
1382853	29 19X22	19 x 22	315	49.5	42.0	740	1
1648926	29 19x24	19 x 24	365	56.0	51.5	740	1
6262790	29 24x30	24 x 30	402	63.0	61.0	1050	1
6262950	29 27x32	27 x 32	402	63.0	61.0	1050	1
6263170	29 36x41	36 x 41	495	74.0	76.0	2000	1

41 - 41 B

REVERSIBLE LEVER CHANGE RATCHET

T With permanently fixed UD profile insert
 T GEDORE vanadium steel 31CrV3, chrome-plated

3



Code	No.	A °	z	4	y	/	l
6338790	41 22	11,25	22	27.9	620	2600	1
6338870	41 24	11,25	24	27.9	620	2600	1
6338950	41 27	11,25	27	27.9	620	2600	1
6330030	41 28	11,25	28	27.9	620	3300	1
6339170	41 30	11,25	30	27.9	620	2600	1
6339250	41 32	11,25	32	27.9	620	2600	1
6338360	41 B 36	15,00	36	43.0	910	5000	1
6338440	41 B 41	15,00	41	43.0	910	5000	1
6338520	41 B 46	15,00	46	43.0	910	5000	1

Detailed information on products, promotions and trade fairs

... www.gedore.com



41 V - 41 BV

REVERSIBLE LEVER CHANGE RATCHET

T With permanently fixed square insert
 T GEDORE vanadium steel 31CrV3, chrome-plated

@



Code	No.	A °	@	4	y	/	l
6339410	41 V 19	11,25	19	27.9	620	2600	1
6339680	41 V 22	11,25	22	27.9	620	2600	1
6339760	41 V 24	11,25	24	27.9	620	2600	1
6339840	41 V 27	11,25	27	27.9	620	2600	1
6338600	41 BV 30	15,00	30	43.0	910	5000	1
6339330	41 BV 32	15,00	32	43.0	910	5000	1
6339920	41 BV 36	15,00	36	43.0	910	5000	1

T Our extensive range of torque wrenches is listed up from page 304





IMPACT TOOLS

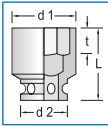
6.3 MM (1/4") SQUARE DRIVE

K 20

IMPACT SOCKET 1/4"

T DIN 3129, ISO 2725-2
 T Suitable for all standard electric and air tools
 T Square drive as per DIN 3121 - G 6.3, ISO 1174
 T * not standardised

MR1



Code	No.	*	l	L	d ₁	d ₂	t	/	l
6198090	K 20 5,5		5.5	24	9.5	13	5	15	1
6198170	K 20 6		6.0	24	10.1	13	5	15	1
6198250	K 20 7		7.0	24	11.4	13	5	18	1
6198330	K 20 8		8.0	24	12.6	13	5	20	1
6198410	K 20 9		9.0	24	13.9	13	6	22	1
6198680	K 20 10		10.0	24	15.1	13	6	24	1
6198760	K 20 11		11.0	24	16.4	13	7	29	1
6198840	K 20 12		12.0	24	17.6	13	7	30	1
6198920	K 20 13		13.0	24	18.9	13	8	30	1
6199060	K 20 14	*	14.0	25	20.1	13	8	35	1
6199140	K 20 17	*	17.0	26	23.9	13	10	35	1

Code	No.	"	L	d ₁	d ₂	t	/	£
6199220	K 20 3/16AF	3/16	24	8.5	13	5	15	1
6199300	K 20 1/4AF	1/4	24	10.6	13	5	15	1
6199490	K 20 5/16AF	5/16	24	12.6	13	5	20	1
6199570	K 20 3/8AF	3/8	24	14.0	13	6	24	1
6199650	K 20 7/16AF	7/16	24	16.0	13	7	29	1

KB 2070 - KB 2090

ACCESSORIES for impact sockets 1/4"

T With square drive as per DIN 3121 - G 6.3, ISO 1174

mb



Code	No.	∅	y	/	l
6200920	KB 2070 Safety ring d 9 mm	9.0		5	1
6201060	KB 2075 Safety pin d 1.5 mm	1.5	10	5	1
6201140	KB 2090-2 Impact extension 1/4" 50 mm		50	50	1

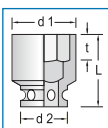
10 MM (3/8") SQUARE DRIVE

K 30

IMPACT SOCKET 3/8"

T DIN 3129, ISO 2725-2
 T Suitable for all standard electric and air tools
 T Square drive as per DIN 3121 - G 10, ISO 1174
 T * not standardised

NS1



Code	No.	*	l	L	d ₁	d ₂	t	/	l
6251160	K 30 6	*	6	33	11.3	19	5	35	5
6251240	K 30 7		7	33	12.5	19	5	35	5
6251320	K 30 8		8	33	13.8	19	5	40	5
6251400	K 30 9		9	33	15.0	19	6	40	1

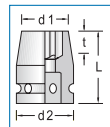
Code	No.	*	l	L	d ₁	d ₂	t	/	l
6251590	K 30 10		10	33	16.3	19	6	40	10
6251670	K 30 11		11	33	17.5	19	7	50	5
6251750	K 30 12		12	33	19.0	19	7	55	5
6251830	K 30 13		13	33	20.0	22	8	60	10
6251910	K 30 14		14	33	21.3	22	8	60	5
6252050	K 30 15		15	33	22.5	22	9	60	1
6252130	K 30 16		16	33	23.8	22	9	65	1
6252210	K 30 17		17	33	25.0	22	10	70	1
6252480	K 30 18		18	33	26.3	22	10	80	1
6252560	K 30 19		19	33	27.5	22	12	80	1
6252640	K 30 20	*	20	34	28.8	22	12	85	1
6252720	K 30 21	*	21	34	30.0	22	12	85	1
6252800	K 30 22	*	22	34	31.3	22	14	90	1
6252990	K 30 23	*	23	34	32.5	22	14	90	1
6254420	K 30 24	*	24	36	33.8	22	16	95	1

TX K 30

IMPACT SOCKET 3/8" for protruding TORX® head screws

T Suitable for all standard electric and air tools
 T Square drive as per DIN 3121 - G 10, ISO 1174
 T TORX® is a registered trademark of Acument Intellectual Properties, LLC. USA

NS9



Code	No.	∅	+	&	L	d ₁	d ₂	t	/	l
6265030	TX K 30 E5	E5	M4	4.73	33	9.0	19	3.2	35	1
6265110	TX K 30 E6	E6	M5	5.74	33	10.0	19	4.0	35	1
6265380	TX K 30 E7	E7	M6	6.16	33	10.5	19	4.8	35	1
6265460	TX K 30 E8	E8	M6 - M7	7.52	33	11.8	19	5.6	35	1
6265540	TX K 30 E10	E10	M8	9.42	33	13.7	19	6.4	40	1
6265620	TX K 30 E12	E12	M10	11.17	33	15.5	19	8.0	40	1
6265700	TX K 30 E14	E14	M12	12.90	33	17.2	19	8.8	50	1

KB 3019 - KB 3095

ACCESSORIES for impact sockets 3/8"

T With square drive as per DIN 3121 - G 10, ISO 1174

nc

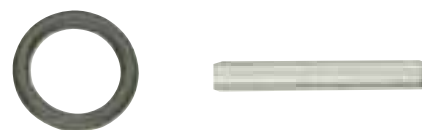


Code	No.	y	/	l
6263410	KB 3019 Impact converter 3/8" to 1/2"	36	70	1
6263250	KB 3020 Impact reducer 3/8" to 1/4"	31	60	1
6261710	KB 3090-3 Impact extension 3/8" 75 mm	75	120	1
6262010	KB 3090-5 Impact extension 3/8" 125 mm	125	165	1
6262280	KB 3090-10 Impact extension 3/8" 250 mm	250	286	1
6262440	KB 3095 Impact universal joint 3/8"	42	110	1

KB 3070 / KB 3075

SAFETY RING AND SAFETY PIN for impact sockets 3/8"

nc



Code	No.	Description	∅	y	/	l
6260820	KB 3070 6-12 for d2 = 19 mm, K 30 6-12 mm	Safety ring d 13 mm	13		5	1
6260900	KB 3070 13-24 for d2 = 22 mm, K 30 13-24 mm	Safety ring d 16 mm	16		5	1
6261040	KB 3075 6-12 for K 30 6-12 mm	Safety pin d 2.5 mm	2	14	5	1
6261120	KB 3075 13-24 for K 30 13-24 mm	Safety pin d 2.5 mm	2	16	5	1



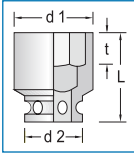
12.5 MM (1/2") SQUARE DRIVE

K 19

IMPACT SOCKET 1/2"

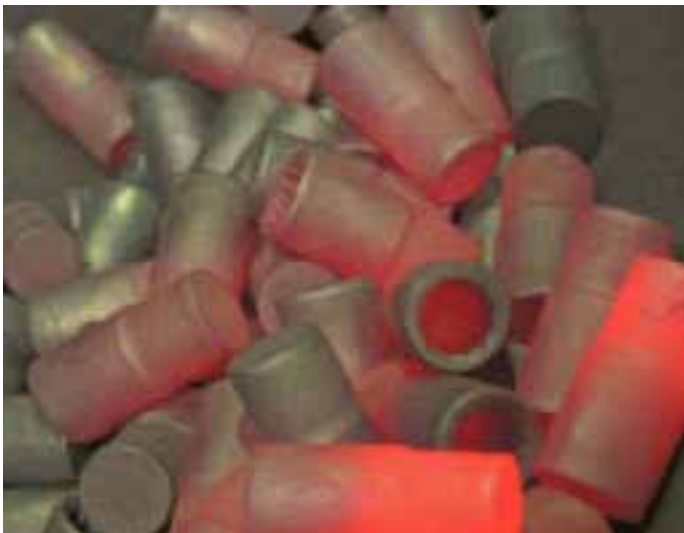
- T DIN 3129, ISO 2725-2
- T Suitable for all standard electric and air tools
- T Square drive as per DIN 3121 - G 12.5, ISO 1174
- T * not standardised

O T 1



Code	No.	*	l	L	d ₁	d ₂	t	/	l
6160280	K 19 10		10	35	17.5	25	6	100	10
6160360	K 19 11		11	35	18.5	25	7	100	5
6160440	K 19 12		12	35	20.0	25	7	100	5
6160520	K 19 13		13	35	21.0	25	8	100	10
6160600	K 19 14		14	35	22.5	25	8	100	5
6161680	K 19 15		15	35	23.5	30	9	100	10
6160790	K 19 16		16	35	25.0	30	9	100	10
6160870	K 19 17		17	35	26.0	30	10	140	10
6160950	K 19 18		18	35	27.5	30	10	120	10
6161090	K 19 19		19	35	28.5	30	12	140	10
6161170	K 19 21		21	38	31.0	30	12	130	10
6161250	K 19 22		22	38	32.5	30	14	150	10
6161330	K 19 23	*	23	39	34.0	30	14	150	10
6161410	K 19 24		24	39	35.0	30	16	150	10
6182680	K 19 27		27	40	39.0	30	17	160	10
1560557	K 19 30	*	30	49	42.5	30	20	260	1
1783742	K 19 32	*	32	49	45.0	30	21	270	1

Code	No.	**	L	d ₁	d ₂	t	/	l	
6166990	K 19 3/8AF		3/8	35	17.0	25	6	80	1
6162300	K 19 7/16AF		7/16	35	19.0	25	7	80	1
6162650	K 19 1/2AF		1/2	35	21.0	25	7	80	1
6163030	K 19 9/16AF		9/16	35	23.0	25	8	80	1
6163460	K 19 5/8AF		5/8	35	25.0	30	9	100	1
6163700	K 19 11/16AF		11/16	35	27.0	30	10	120	1
6163970	K 19 3/4AF		3/4	35	29.0	30	12	130	1
6168420	K 19 13/16AF		13/16	38	31.0	30	13	130	1
6169820	K 19 7/8AF		7/8	38	33.0	30	14	140	1
6164190	K 19 15/16AF		15/16	39	35.0	30	15	150	1
6169900	K 19 1AF		1	39	37.0	30	16	160	1
6164350	K 19 1.1/16AF		1.1/16	40	38.5	30	17	160	1
6164510	K 19 1.1/8AF		1.1/8	40	40.5	30	18	170	1
6165240	K 19 1.1/4AF		1.1/4	49	45.0	30	20	180	1
6165320	K 19 1.5/16AF		1.5/16	49	47.0	30	20	200	1

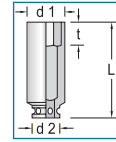


K 19 L

IMPACT SOCKET 1/2" long pattern

- T Suitable for all standard electric and air tools
- T Square drive as per DIN 3121 - G 12.5, ISO 1174

O T 1



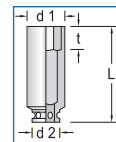
Code	No.	l	L	d ₁	d ₂	t	/	l
6163110	K 19 L 8	8	77	15.3	25	12	140	5
6163380	K 19 L 10	10	77	17.8	25	12	150	10
6163540	K 19 L 13	13	77	21.5	25	13	200	10
6163620	K 19 L 14	14	77	22.8	25	13	180	5
6197790	K 19 L 16	16	77	24.0	30	14	225	5
6163890	K 19 L 17	17	77	26.5	30	15	300	10
6197870	K 19 L 18	18	82	27.8	30	15	265	5
6164000	K 19 L 19	19	82	29.0	30	17	300	10
6162730	K 19 L 21	21	82	31.5	30	17	260	5
6164270	K 19 L 22	22	82	32.8	30	19	350	10
6199810	K 19 L 23	23	82	34.0	30	19	300	1
6164430	K 19 L 24	24	82	35.3	30	21	340	10
6164780	K 19 L 27	27	82	39.0	30	22	480	5

K 19 LD

IMPACT SOCKET 1/2" for cars

- T Suitable for all standard electric and air tools
- T Square drive as per DIN 3121 - G 12.5, ISO 1174
- T For racing wheels, with a plastic insert to protect the wheel nuts
- T Thin-walled to protect the alloy wheels

O T 1



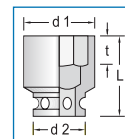
Code	No.	l	L	d ₁	d ₂	t	/	l
6149120	K 19 LD 17	17	80	25.7	30	14	250	1
6149200	K 19 LD 19	19	80	28.2	30	16	280	1

KR 19

IMPACT SOCKET PKW 1/2"

- T Suitable for all standard electric and air tools
- T Square drive as per DIN 3121 - G 12.5, ISO 1174

O T 1



Code	No.	l	L	d ₁	d ₂	t	/	l
6162490	KR 19 17	17	45	30.0	30	11	135	1
6162570	KR 19 19	19	45	33.0	30	11	135	1

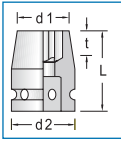


TX K 19

IMPACT SOCKET 1/2" for protruding TORX® head screws

- T Suitable for all standard electric and air tools
- T Square drive as per DIN 3121 G 12.5, ISO 1174
- T TORX® is a registered trademark of Acument Intellectual Properties, LLC. USA

OT 9



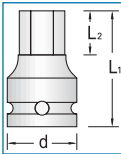
Code	No.	9	+	&	L	d ₁	d ₂	t	/	l
6223110	TX K 19 E10	E10	M8	9.42	38	14.5	25	6.4	70	1
6223380	TX K 19 E12	E12	M10	11.17	38	16.5	25	8.0	72	1
6223460	TX K 19 E14	E14	M12	12.90	38	18.5	25	8.8	75	1
6223540	TX K 19 E16	E16	M12	14.76	38	20.5	25	9.6	75	1
6223620	TX K 19 E18	E18	M14	16.70	38	22.5	25	11.1	92	1
6223700	TX K 19 E20	E20	M16	18.45	40	25.0	30	12.7	105	1
6223890	TX K 19 E24	E24	M18 - M20	22.16	40	28.5	30	15.9	110	1

IN K 19

IMPACT SOCKET 1/2" for in-hex screws

- T Suitable for all standard electric and air tools
- T Square drive, Form H

OT 5



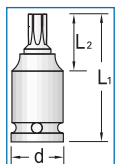
Code	No.	\$	L ₁	L ₂	d	/	l
6223970	IN K 19 5	5	44	7.5	25	63	10
6224000	IN K 19 6	6	44	9.0	25	65	10
6224190	IN K 19 8	8	44	11.0	25	75	10
6224270	IN K 19 10	10	44	13.0	25	90	10
6224350	IN K 19 12	12	50	15.0	30	110	10
6225320	IN K 19 14	14	50	17.0	30	145	10
6225670	IN K 19 17	17	50	19.0	30	195	10

ITX K 19

SCREWDRIVER BIT SOCKET 1/2" for recessed TORX® head screws

- T Square drive, Form H
- T TORX® is a registered trademark of Acument Intellectual Properties, LLC. USA

OT 7



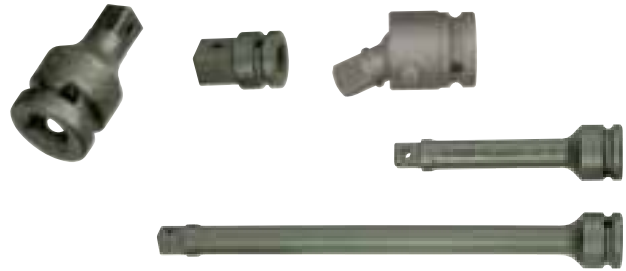
Code	No.	7	+	&	L ₁	L ₂	d	/	l
6197280	ITX K 19 T30	T30	M6 - M7	5.52	47	26	25	78	5
6197360	ITX K 19 T40	T40	M7 - M8	6.65	47	26	25	78	5
1603124	ITX K 19 T45	T45	M8 - M10	7.82	47	26	25	78	5
6197440	ITX K 19 T50	T50	M10	8.83	47	26	25	80	5
6197520	ITX K 19 T55	T55	M12	11.22	47	26	25	84	5
6197600	ITX K 19 T60	T60	M14	13.25	47	26	25	87	5

KB 1930 - KB 1995

ACCESSORIES for impact sockets 1/2"

- T With square drive as per DIN 3121 - G 12.5, Form F, G, and H

od



Code	No.	y	/	l
6650370	KB 1930 Reducer 1/2" to 3/8"	44.0	95	1
6650020	KB 1932 Converter 1/2" to 3/4"	44.0	110	1
6655250	KB 1990-5 Impact extension 1/2" 125 mm	125.0	225	1
6650100	KB 1990-10 Impact extension 1/2" 250 mm	250.0	500	1
6655410	KB 1995 Impact universal joint 1/2"	75.5	170	1
6524150	KB 619 Adaptor for bits 1/4" hex - 1/2" square	35.0	65	10
6563480	KB 819 Adaptor for bits 5/16" hex - 1/2" square	35.0	65	5

KB 1970 - KB 1975

SAFETY RING AND SAFETY PIN for impact sockets 1/2"

od



Code	No.	Description	∅	y	/	l
6654790	KB 1970 10-14 for d ₂ = 25 mm, K 19 10-14 and 3/8-9/16"	Safety ring d 19 mm	19		2	10
6654870	KB 1970 15-27 for d ₂ = 30 mm, K 19 15-32 and 5/8-1.5/16"	Safety ring d 24 mm	24		2	10
6654950	KB 1975 10-14 for K 19 10-14 and 3/8-9/16"	Safety pin d 3 mm	3	20	2	10
6655090	KB 1975 15-27 for K 19 15-32 and 5/8-1.5/16"	Safety pin d 3 mm	3	25	4	10

K 19-028

IMPACT SOCKET SET 1/2" FOR CARS 5 pieces

- T 5 power-operated sockets, suitable for all standard electric and air wrenches
- T Square drive as per DIN 3121 - G 12.5, ISO 1174
- T In plastic case

OT 1



Code	No.	/	l
1646923	K 19-028 1 10 13 17 19 24	730	1

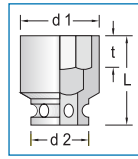


20 MM (3/4") SQUARE DRIVE

K 32

IMPACT SOCKET 3/4"

T DIN 3129, ISO 2725-2
 T Suitable for all standard electric and air tools
 T Square drive as per DIN 3121 - H 20, ISO 1174
 T * not standardised



P U 1

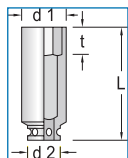
Code	No.	*	l	L	d ₁	d ₂	t	/	l
6282040	K 32 17		17	50	30.0	44	10.0	330	1
6289990	K 32 18		18	50	31.0	44	11.0	320	1
6282120	K 32 19		19	50	32.5	44	12.0	350	1
6282200	K 32 22		22	50	36.0	44	14.0	380	1
6282390	K 32 24		24	50	39.0	44	16.0	400	1
6282470	K 32 27		27	53	42.5	44	18.0	410	1
6282550	K 32 30		30	53	46.0	44	20.0	430	1
6282630	K 32 32		32	56	49.0	44	20.0	450	1
6283010	K 32 33 (3/4W)	*	33	56	50.0	44	20.0	480	1
6281580	K 32 34		34	56	51.0	44	23.0	440	1
6282710	K 32 36		36	56	54.0	44	23.0	500	1
6281740	K 32 38	*	38	56	56.0	44	23.0	480	1
6282980	K 32 41		41	57	60.0	44	25.0	650	1

Code	No.	"	L	d ₁	d ₂	t	/	l
6285300	K 32 13/16AF	13/16	50	34	44	14.0	370	1
6284410	K 32 7/8AF	7/8	50	36	44	16.0	380	1
6284680	K 32 15/16AF	15/16	50	38	44	16.0	400	1
6285490	K 32 1AF	1	50	40	44	16.0	395	1
6285650	K 32 1.1/16AF	1.1/16	53	42	44	18.0	410	1
6284760	K 32 1.1/8AF	1.1/8	53	44	44	20.0	430	1
6284840	K 32 1.1/4AF	1.1/4	56	48	44	20.0	450	1
6284920	K 32 1.5/16AF	1.5/16	56	50	44	23.0	480	1
6285730	K 32 1.3/8AF	1.3/8	56	52	44	23.0	500	1
6285060	K 32 1.7/16AF	1.7/16	56	54	44	23.0	510	1
6285140	K 32 1.1/2AF	1.1/2	56	56	44	25.0	580	1
6285810	K 32 1.5/8AF	1.5/8	57	60	44	25.0	650	1
6286030	K 32 1.11/16AF	1.11/16	57	62	44	29.0	720	1
6286110	K 32 1.3/4AF	1.3/4	57	64	44	29.0	850	1
6286380	K 32 1.7/8AF	1.7/8	62	68	54	31.0	950	1
6286460	K 32 2AF	2	65	70	54	31.0	1100	1

K 32 L

IMPACT SOCKET 3/4" long pattern

T Suitable for all standard electric and air tools
 T Square drive as per DIN 3121 H 20, ISO 1174



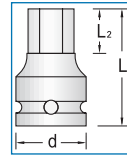
P U 1

Code	No.	l	L	d ₁	d ₂	t	/	l
6283600	K 32 L 17	17	100	30.0	44	15.0	580	1
6283790	K 32 L 19	19	100	32.5	44	17.0	650	1
6286700	K 32 L 21	21	100	35.0	44	19.0	700	1
6283870	K 32 L 22	22	100	36.0	44	19.0	700	1
6283950	K 32 L 24	24	100	39.0	44	21.0	740	1
6284090	K 32 L 27	27	100	42.5	44	23.0	760	1
6284170	K 32 L 30	30	100	46.0	44	25.0	890	1
6284250	K 32 L 32	32	100	49.0	44	25.0	965	1
6286540	K 32 L 33 (3/4W)	33	100	50.0	44	25.0	780	1
6281660	K 32 L 34	34	100	51.0	44	28.0	840	1
6284330	K 32 L 36	36	100	54.0	44	28.0	1200	1
6286890	K 32 L 41	41	100	60.0	44	30.0	1200	1

IN K 32

IMPACT SOCKET 3/4" for in-hex screws

T Suitable for all standard electric and air tools
 T Square drive



P U 1

Code	No.	\$	L ₁	L ₂	d	/	l
1956477	IN K 32 14	14	65	17	44	440	1
1956485	IN K 32 17	17	65	19	44	495	1
1956493	IN K 32 19	19	65	21	44	530	1
1956507	IN K 32 22	22	65	24	44	590	1
1956515	IN K 32 24	24	65	26	44	630	1
1956523	IN K 32 27	27	65	28	44	695	1

KB 3219 - KB 3275

ACCESSORIES for impact sockets 3/4"

T With square drive as per DIN 3121, ISO 1174, Form F and H



P U 1

Code	No.	∅	y	/	l
6675280	KB 3219 Impact reducer 3/4" to 1/2"		65	320	1
6671530	KB 3221 Impact convertor 3/4" to 1"		65	410	1
6675600	KB 3290-8 Impact extension 3/4" 205 mm		205	710	1
6675790	KB 3290-12 Impact extension 3/4" 300 mm		300	1000	1
6675870	KB 3290-16 Impact extension 3/4" 405 mm		405	1250	1
6676090	KB 3295 Impact universal joint 3/4"		108	580	1
6675360	KB 3270 Safety ring d 36 mm	36		5	1
6675440	KB 3275 Safety pin d 4 mm	4	35	8	1

K 32-040

IMPACT SOCKET SET 3/4" FOR TRUCKS 4 pieces

T 4 sockets, suitable for all standard electric and air tools
 T Square drive as per DIN 3121 H 20, ISO 1174
 T In plastic case



P U 1

Code	No.	/	l
1828142	K 32-040 1 24 27 30 33	1630	1



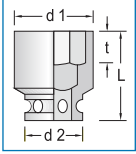
25 MM (1") SQUARE DRIVE

K 21

IMPACT SOCKET 1"

- T DIN 3129, ISO 2725-2
- T Suitable for all standard electric and air tools
- T Square drive as per DIN 3121 - H 25, ISO 1174
- T Use KB 3770 and KB 3775 from 75 mm and up
- T * not standardised

RV1



Code	No.	*	l	L	d ₁	d ₂	t	/	l
6183060	K 21 22		22	59	39.5	54	14.0	600	1
6183140	K 21 24		24	59	42.0	54	16.0	600	1
6183220	K 21 27		27	59	46.0	54	18.0	650	1
6183300	K 21 30		30	61	49.5	54	20.0	700	1
6183490	K 21 32		32	61	52.0	54	20.0	750	1
6183650	K 21 33	*	33	61	53.0	54	20.0	750	1
6196980	K 21 34		34	61	54.0	54	20.0	640	1
6183570	K 21 36		36	64	57.0	54	23.0	800	1
6184890	K 21 38	*	38	64	59.5	54	23.0	825	1
6183730	K 21 41		41	68	63.0	54	25.0	850	1
6184970	K 21 42	*	42	68	63.0	54	25.0	950	1
6183810	K 21 46		46	74	69.5	54	29.0	1100	1
6184030	K 21 50		50	78	74.0	54	31.0	1250	1
6184110	K 21 55		55	85	81.0	54	34.0	1350	1
6184380	K 21 60		60	85	87.0	54	36.0	1450	1
6184460	K 21 65		65	90	93.0	54	38.0	1850	1
6184540	K 21 70		70	92	99.5	54	38.0	2000	1
6184620	K 21 75	*	75	98	106.0	86	40.0	2350	1
6184700	K 21 80	*	80	105	112.0	86	46.0	2700	1

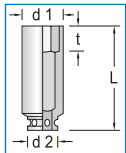
Code	No.	"	L	d ₁	d ₂	t	/	l
6186320	K 21 1AF	1	59	44	54	18.0	650	1
6186400	K 21 1.1/4AF	1.1/4	61	52	54	20.0	750	1
6186590	K 21 1.7/16AF	1.7/16	64	58	54	23.0	800	1
6186750	K 21 1.1/2AF	1.1/2	64	60	54	25.0	850	1
6186670	K 21 1.5/8AF	1.5/8	68	64	54	25.0	850	1
6186830	K 21 1.13/16AF	1.13/16	74	70	54	29.0	1100	1
6186910	K 21 1.7/8AF	1.7/8	74	72	54	31.0	1150	1
6187050	K 21 2.1/4AF	2.1/4	85	84	54	36.0	1350	1

K 21 L

IMPACT SOCKET 1" long pattern

- T Suitable for all standard electric and air tools
- T Square drive as per DIN 3121 - H 25, ISO 1174

RV1



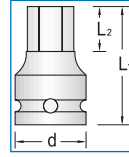
Code	No.	l	L	d ₁	d ₂	t	/	l
6185350	K 21 L 22	22	100	39.5	54	19.0	1000	1
6185430	K 21 L 24	24	100	42.0	54	21.0	1080	1
6185510	K 21 L 27	27	100	46.0	54	23.0	1100	1
6185780	K 21 L 30	30	100	49.5	54	25.0	1200	1
6185860	K 21 L 32	32	100	52.0	54	25.0	1250	1
6197950	K 21 L 33	33	100	53.0	54	25.0	1100	1
6197010	K 21 L 34	34	100	54.0	54	28.0	1000	1
6185940	K 21 L 36	36	100	57.0	54	28.0	1500	1
6186080	K 21 L 38	38	100	59.5	54	28.0	1580	1
6186160	K 21 L 41	41	100	63.0	54	30.0	1710	1
6186240	K 21 L 46	46	100	69.5	54	34.0	1750	1

IN K 21

IMPACT SOCKET 1" for in-hex screws

- T Suitable for all standard electric and air tools
- T Square drive

RV5



Code	No.	\$	L ₁	L ₂	d	/	l
1956558	IN K 21 19	19	75	21	54	825	1
1956566	IN K 21 22	22	75	24	54	885	1
1956574	IN K 21 24	24	75	26	54	920	1
1956582	IN K 21 27	27	75	28	54	980	1
1956590	IN K 21 32	32	75	32	54	1125	1
1956604	IN K 21 36	36	75	33	54	1245	1



KB 2132 - KB 2195

ACCESSORIES for impact sockets 1"

- T Square drive as per DIN 3121, ISO 1174, Form F and H
- T Use KB 3770 and KB 3775 for 75 and 80 mm

rf



Code	No.	ø	y	/	l
6657460	KB 2132 Impact reducer 1" to 3/4"	75	350		1
6657890	KB 2137 Impact convertor 1" to 1.1/2"	82	1000		1
6657620	KB 2170 Safety ring d 45 mm	45	8		10
6657700	KB 2175 Safety pin d 5 mm	5	45		10
6657970	KB 2190-8 Impact extension 1" 208 mm	208	1250		1
6658000	KB 2190-12 Impact extension 1" 300 mm	300	1600		1
6658190	KB 2190-16 Impact extension 1" 405 mm	405	2000		1
6658350	KB 2195 Impact universal joint 1"	140	1400		1
6676760	KB 3770 Safety ring d 75 mm	75	15		1
6676840	KB 3775 Safety pin d 6 mm	6	75		16

40 MM (1.1/2") SQUARE DRIVE

K 37

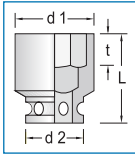
IMPACT SOCKET 1.1/2"

- T DIN 3129, ISO 2725-2
- T Suitable for all standard electric and air tools
- T Square drive as per DIN 3121 - H 40, ISO 1174
- T Use KB 6470 and KB 6475 from 95 mm and up
- T * not standardised

V
W
1



W



Code	No.	*	l	L	d ₁	d ₂	t	/	l
6328130	K 37 46		46	83	76	86	29.0	2700	1
6328210	K 37 50	*	50	86	80	86	31.0	2850	1
6328480	K 37 55		55	89	89	86	34.0	2930	1
6328560	K 37 60		60	93	93	86	36.0	3000	1
6328640	K 37 65		65	98	99	86	38.0	3050	1
6328720	K 37 70		70	103	106	86	42.0	3600	1
6328800	K 37 75		75	108	112	86	44.0	3650	1
6328990	K 37 80		80	114	118	86	46.0	4150	1
6329020	K 37 85		85	120	125	86	51.0	4500	1
6329100	K 37 90		90	120	131	86	51.0	5400	1
6329290	K 37 95	*	95	125	137	127	54.0	5800	1
6329370	K 37 100	*	100	130	143	127	57.0	6450	1
6329450	K 37 105	*	105	135	150	127	61.0	6800	1
6329530	K 37 110	*	110	140	156	127	64.0	7150	1
6329610	K 37 115	*	115	145	162	127	67.0	8100	1
6329880	K 37 120	*	120	150	169	127	71.0	9100	1

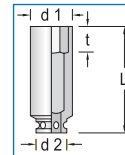


K 37 L

IMPACT SOCKET 1.1/2" long pattern

- T Suitable for all standard electric and air tools
- T Square drive as per DIN 3121 H 40, ISO 1174
- T Use KB 6470 and KB 6475 from 95 mm and up

V
W
1



Code	No.	l	L	d ₁	d ₂	t	/	l
6330110	K 37 L 41	41	135	69	86	30.0	2650	1
6330380	K 37 L 46	46	135	76	86	34.0	3000	1
6330460	K 37 L 50	50	135	80	86	36.0	3800	1
6330540	K 37 L 55	55	140	87	86	39.0	4290	1
6330620	K 37 L 60	60	140	93	86	41.0	4700	1
6330700	K 37 L 65	65	140	99	86	43.0	5700	1
6330890	K 37 L 70	70	140	106	86	47.0	6900	1
6330970	K 37 L 75	75	145	112	86	49.0	8150	1
6331000	K 37 L 80	80	145	118	86	51.0	9200	1
6331190	K 37 L 85	85	145	125	86	56.0	10000	1
6331270	K 37 L 90	90	145	131	86	56.0	11300	1
6331350	K 37 L 95	95	150	137	127	59.0	12750	1
6331430	K 37 L 100	100	155	143	127	62.0	14350	1
6331510	K 37 L 105	105	160	150	127	66.0	15700	1
6331780	K 37 L 110	110	165	156	127	69.0	17400	1
6331860	K 37 L 115	115	170	162	127	72.0	18800	1
6331940	K 37 L 120	120	175	169	127	76.0	19900	1

KB 3721 - KB 3775

ACCESSORIES for impact sockets 1.1/2"

- T Square drive as per DIN 3121, ISO 1174, Form F and H
- T Use KB 3770 and KB 3775 up to 90 mm
- T Use KB 6470 and KB 6475 from 95 mm and up

V
G



Code	No.	∅	y	/	l
6676410	KB 3721 Impact reducer 1.1/2" to 1"	86	95	2300	1
1531220	KB 3764 Impact convertor 1.1/2" to 2.1/2"	86	110	2500	1
6676760	KB 3770 Safety ring d 75 mm	75		15	1
6676840	KB 3775 Safety pin d 6 mm	6	75	16	1



BIT RANGE

4 MM HEXAGON SQUARE DRIVE

- T For precision work on small components (e.g. clocks, electronics, model making...)
- T Mirror-polished for improved corrosion protection
- T Vanadium Plus material for safe, reliable application of force to the small effective zones of the miniature screws



b

480 - 490

MINIBITS

- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



b
?
5
6
:
7
8

Code	No.	for	y	l
1801465	480 0,8	?	20	1
1801473	480 1,2	?	20	1
1801481	480 1,5	?	20	1
1801503	480 1,8	?	20	1
1801511	480 2	?	20	1
1801538	480 2,5	?	20	1
1801546	480 3	?	20	1
1801554	485 0,7	5	20	1
1801562	485 0,9	5	20	1
1801570	485 1,3	5	20	1
1801589	485 1,5	5	20	1
1801597	485 2	5	20	1
1801600	485 2,5	5	20	1
1801619	485 3	5	20	1
1801627	485 B 2	6	20	1
1801635	485 B 2,5	6	20	1
1801643	485 B 3	6	20	1
1801805	490 PH 000	;	20	1
1801813	490 PH 00	;	20	1
1801821	490 PH 0	;	20	1
1801848	490 PZD 000	<	20	1
1801856	490 PZD 00	<	20	1
1801864	490 PZD 0	<	20	1
1801651	487 TX T3	7	20	1
1801678	487 TX T4	7	20	1
1801686	487 TX T5	7	20	1
1801694	487 TX T6	7	20	1
1801708	487 TX T7	7	20	1
1801716	487 TX T8	7	20	1
1801724	487 TX T9	7	20	1
1801732	487 TX T10	7	20	1
1801740	487 TX T15	7	20	1
1801759	488 TX T7	8	20	1
1801767	488 TX T8	8	20	1
1801775	488 TX T9	8	20	1
1801783	488 TX T10	8	20	1
1801791	488 TX T15	8	20	1

Detailed information on products, promotions and trade fairs

... www.gedore.com



499

BIT EXTENSION

- T With magnetic holder



b

Code	No.	/	£
1801414	499	9	1
Bit extension 4 mm hex			
1801422	499 F	22	1
Bit extension flexible 4 mm hex			

471

BIT RATCHET

- T 1/4" recess - or 4 mm recess when used in conjunction with no. 420



B
E
Y

Code	No.	y	/	£
1801341	471	90	23	1

470

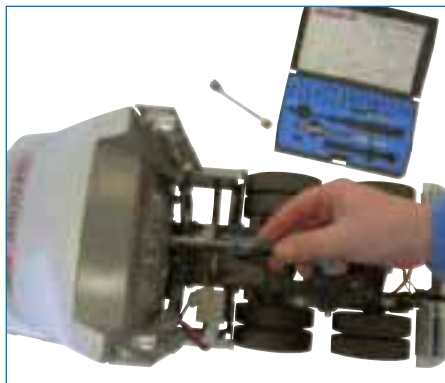
BIT SCREWDRIVER

- T 2-component handle
- T Fast turning zone and fast turning cap
- T With magnetic holder



B

Code	No.	y	/	£
1801368	470	142	24	1



420

BIT ADAPTOR

- T For bit ratchet no. 471
- T With magnetic holder



B
e
i

Code	No.	-	k	k "	/	£
1801457	420	4	6.3	1/4	1	1

471-044

MINIBIT-SET 44 pieces

- T In plastic case
- T Dimensions: 160 x 95 x 38 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



b
e
i
?
:
5
7

Code	No.	/	£
1811134	471-044	242	1
471			
? 480 0,8 1,2 1,5 1,8 2 3			
5 485 0,7 0,9 1,3 1,5 2 2,5			
; 490 PH 000 00 0			
< 490 PZD 000 00 0			
7 487 TX T3 T4 T5 T6 T7			
T8 T9 T10 T15			
? 680 4 4,5 5,5			
5 685 3 4 ; 690 1 2			
< 690 PZD 1 2			
7 687 TX T20 T25 T27 T30			
420 499 699			

471-042

MINIBIT SET 42 pieces

- T For electronics engineers, mechanics, model makers, etc.
- T With 1/4" reversible ratchet and 1/4" to 4 mm bit adaptor, for use with 4 mm minibits
- T In plastic case
- T Dimensions: 160 x 95 x 38 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



b
?
:
5
6
7
8

Code	No.	/	£
1801333	471-042	250	1
471			
? 480 0,8 1,2 1,5 1,8 2 2,5 3			
5 485 0,7 0,9 1,3 1,5 2 2,5 3			
6 485 B 2 2,5 3			
; 490 PH 000 00 0			
< 490 PZD 000 00 0			
7 487 TX T3 T4 T5 T6 T7 T8 T9			
T10 T15			
8 488 TX T7 T8 T9 T10 T15			
420 470 499 499 F			





471-023

MINIBIT SET 23 pieces

- T For electronics engineers, mechanics, model makers, etc.
- T With 1/4" reversible ratchet and 1/4" to 4 mm bit adaptor, for use with 4 mm minibits
- T In plastic case
- T Dimensions: 110 x 65 x 31 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

0 2 0
 1 0 7



Code	No.	/	E
1801325	471-023	113	1
	471		
	? 480 0,8 1,2 1,5 1,8		
	5 485 0,7 0,9 1,3 1,5		
	; 490 PH 000 00 0		
	< 490 PZD 000 00 0		
	7 487 TX T3 T4 T5 T6 T7 T8		
	420 499		

103
D 20 FMU-20 Set for precision mechanics 1/4" + 4 mm



b
 e
 i
 m
 b



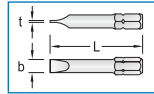
6.3 MM (1/4") HEXAGON SQUARE DRIVE

SCREWDRIVER BITS 6.3 MM (1/4")

£ f / £ O =
 Sales unit 10 / 5 pieces each

680

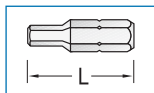
- SCREWDRIVER BIT for slotted head screws**
 T For hand operation and use in electric and air tools
 T Acc. to DIN ISO 2351-1
 T Hexagon drive as per DIN 3126 - C 6.3 (1/4")
 T GEDORE special vanadium steel, gun-metal finish



Code	No.	b	t	L	/	l
6537640	680 4	4.0	0.5	25	7	10
6537720	680 4,5	4.5	0.6	25	7	10
6537800	680 5,5	5.5	0.8	25	8	10
6537990	680 6,5	6.5	1.2	25	9	10
6538020	680 7	7.0	1.2	25	9	10
6538100	680 8	8.0	1.6	25	14	10
6538290	680 10	10.0	1.6	39	16	5

685

- SCREWDRIVER BIT for in-hex screws**
 T For hand operation and use in electric and air tools
 T Acc. to DIN ISO 2351-3
 T Hexagon drive as per DIN 3126 - C 6.3 (1/4")
 T GEDORE special vanadium steel, gun-metal finish



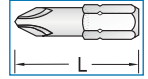
Code	No.	S	ISO 4762	DIN 7984	L	/	l
1802399	685 2	2.0	M2	M2	25	5	10
6538880	685 2,5	2.5	M3	M4	25	5	10
6538960	685 3	3.0	M4	M5	25	5	10
6539180	685 4	4.0	M5	M6	25	6	10
6539260	685 5	5.0	M6	M8	25	7	10
6539340	685 6	6.0	M8	M10	25	8	10
6539420	685 8	8.0	M10	M12	33	12	10
6539500	685 10	10.0	M12	M14	33	15	5



690

SCREWDRIVER BIT for cross-slotted head screws PH

- T For hand operation and use in electric and air tools
- T Acc. to DIN ISO 2351-2, tip as per DIN ISO 8764-1 PH
- T Hexagon drive as per DIN 3126 - C 6.3 (1/4")
- T GEDORE special vanadium steel, gun-metal finish

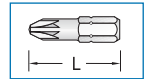


Code	No.	PH	L	/	l
1803514	690 0	0	25	5	10
6541240	690 1	1	25	5	10
1828150	690 1 L	1	50	9	10
6541320	690 2	2	25	5	10
6541400	690 2 L	2	50	10	10
6541590	690 3	3	25	5	10
6541670	690 3 L	3	50	8	10
6541750	690 4	4	32	15	10

690 PZD

SCREWDRIVER BIT for cross-slotted head screws PZ

- T For hand operation and use in electric and air tools
- T Acc. to DIN ISO 2351-2, tip as per DIN ISO 8764-1 PZ
- T Hexagon drive as per DIN 3126 - C 6.3 (1/4")
- T GEDORE special vanadium steel, gun-metal finish

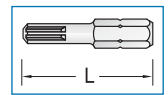


Code	No.	< PZ	L	/	l
6552790	690 PZD 1	1	25	5	10
1827022	690 PZD 1 L	1	50	9	10
6552870	690 PZD 2	2	25	5	10
6552950	690 PZD 2 L	2	50	10	10
6553090	690 PZD 3	3	25	5	10
6553170	690 PZD 3 L	3	50	8	10
6553680	690 PZD 4	4	32	15	10

686

SCREWDRIVER BIT for multi-spline screws RIBE®

- T For hand operation and use in electric and air tools
- T Hexagon drive as per DIN 3126 - C 6.3 (1/4")
- T GEDORE special vanadium steel, gun-metal finish
- T RIBE® is a registered trademark of Rich. Bergner



Code	No.	+	L	/	l
6540510	686 4	M4	33	5	10
6540780	686 5	M5	33	5	10
6540860	686 6	M6	33	8	10
6540940	686 8	M8	33	10	10



BIT SETS 6.3 MM (1/4")

671-022

BIT SET 22 pieces

- T Extra slim bit reversible ratchet with most popular bit sizes
- T For working in extremely confined spaces
- T In plastic case, dimensions: 160 x 95 x 38 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	/	l
1814567	671-022		365 1
	671		
	? 680 4 5,5 6,5 8		
	5 685 3 4 5 6		
	: 690 1 2		
	< 690 PZD 1 2 3		
	7 687 TX T8 T9 T10 T15 T20 T25 T27 T30		
	676 699		

620-024

BIT SET 24 pieces

- T In plastic case, dimensions: 110 x 65 x 31 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	/	l
1815695	620-024		180 1
	? 680 4 6,5 5 685 3 4 5 6		
	. 685 X 5 6 8 ; 690 1 2		
	< 690 PZD 1 2 3		
	7 687 TX T8 T9 T10 T15 T20 T25 T27 T30 T40		
	620		



693-024

BIT SET 24 pieces

- T With No. 2093 U-3 TT-handle ratchet and 2093 HR-94 hand ratchet
- T In plastic case, dimensions: 160 x 95 x 38 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	/	l
1814524	693-024		375 1
	2093 U-3 T		
	2093 HR-94		
	? 680 4 6,5		
	5 685 3 4 5 6		
	: 690 1 2		
	< 690 PZD 1 2 3		
	7 687 TX T8 T9 T10 T15 T20 T25 T27 T30 T40		
	2090-6		
	620		

698-024

BIT SET 24 pieces

- T In plastic case, dimensions: 110 x 65 x 31 mm
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	/	l
1815709	698-024		194 1
	? 680 4 6,5		
	5 685 3 4 5 6		
	. 685 X 5 6 8		
	: 690 1 2		
	< 690 PZD 1 2 3		
	7 687 TX T8 T9 T10 T15 T20 T25 T27 T30 T40		
	698		

ACCESSORIES FOR BITS 6.3 MM (1/4")

KB 619 - KB 630

ADAPTOR PIECES for screwdriver bits

- T Acc. to DIN 7427 Form A
- T Hex recess drive as per DIN 3126 - D 6.3 (1/4") and square drive Form G as per DIN 3121
- T For hand-operated or power tools
- T For use in power tools, we recommend the use of a locking ring and pin
- T * Length not standardised

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Code	No.	* - "	Q"	Lmm	/	l
6524150	KB 619	1/4	1/2	35	65	10
6524230	KB 620	1/4	1/4	25	13	10
6530040	KB 630	* 1/4	3/8	30	38	5

620 - 630

BIT ADAPTOR 1/4"

- T Hex recess drive as per DIN 3126 - D 6.3 (1/4") and square drive as per DIN 3120 - C 6.3 (1/4") / C 10 (3/8")

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S



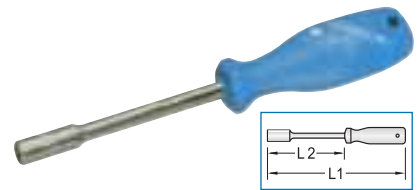
Code	No.	- "	Q"	y	/	l
1649329	620	1/4	1/4	25	13	1
1973312	630	1/4	3/8	25	25	1

670

BIT SCREWDRIVER 1/4"

- T Hex recess drive as per DIN 3126 - D 6.3 (1/4"), for bits
- T Magnetic screw retainer
- T GEDORE vanadium steel

E
Y
I



Code	No.	L ₁	L ₂	/	l
6536590	670	210	100	160	10

670 K

BIT SCREWDRIVER 1/4" short pattern

- T Hex recess drive as per DIN 3126 - D 6.3 (1/4"), for bits
- T Magnetic screw retainer
- T GEDORE vanadium steel

E
Y
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Code	No.	- "	-	y	/	l
1953796	670 K	1/4	6.3	80	100	1



671

BIT REVERSIBLE RATCHET

- T With knurled head for quick starting or counter-holding of screws
- T Hex recess drive as per DIN 3126 - D 6.3 (1/4")
- T Slimline design for working in confined spaces

E
Y
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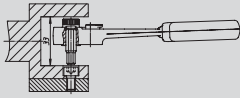


Code	No.	- "	A "	y	4	/	l
6535350	671	1/4	15	127	18.3	105	5

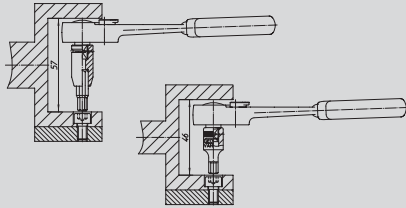
FEATURES

Slimline design for working in confined spaces

Bit ratchet and bit



Ratchet and socket

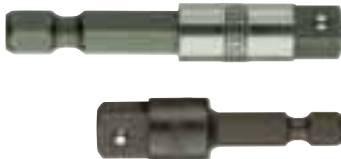


673

ADAPTOR

- T Acc. to DIN 7428, ISO 3317
- T Hexagon drive as per DIN 3126 - E 6.3 (1/4")
- T Square drive as per DIN 3121 for power-driven sockets

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b
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Code	No.	a "	k "	y	/	l
6536320	673 6,3	1/4	1/4	50	16	10
1834878	673 10	3/8	1/4	50	25	10

673 K

SOCKET HOLDER short pattern

e
i
b
i
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Code	No.	a "	k "	y	/	l	G
2000245	673 K	1/4	1/4	17	1	G	

673 L

SOCKET HOLDER long

- T 1/4" hexagon drive and square drive as per DIN 3120 - A 6.3 (1/4")
- T Hand operation
- T For use with driving handle no. 676, or torque handle no. 2140

e
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Code	No.	a "	k "	y	/	l
1811061	673 L	1/4	1/4	130	40	1

674

BIT SCREWDRIVER

with reversible mechanism

- T Hexagon drive as per DIN 3126 - D 6.3 (1/4"), with powerful magnetic screw retainer
- T Smooth gear mechanism with knurled head for quick starting or counter-holding of screws
- T The blue handle makes it possible to tighten even hard-to-turn wood screws
- T The ratchet is reversible and fully lockable

E
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Code	No.	- "	M	N	/	l
6530710	674	1/4	55	215	200	5

676

DRIVING HANDLE

- T Non-slip 2-component handle
- T Recessed hexagon drive 1/4"

E
Y



Code	No.	- "	/	l
1649337	676	1/4	43	1

698

BIT HOLDER magnetic

- T Hexagon drive as per DIN 3126 - E 6.3 (1/4"), magnetic, and hex recess drive as per DIN 3126 - D 6.3 (1/4")
- T Powerful magnetic screw retainer, "automatic holder"

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Code	No.	k "	- "	y	/	l
1761110	698	1/4	1/4	73	33	1

699

BIT HOLDER for power tools

- T With magnetic holder
- T Acc. to DIN 7427 Form D
- T Hexagon drive as per DIN 3126 - E 6.3 (1/4") and hex recess drive as per DIN 3126 - D 6.3 (1/4")

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Code	No.	k "	- "	B	y	/	l
6538610	699	1/4	1/4	30	60	40	10

699 L

BIT HOLDER LONG long

- T Hexagon drive as per DIN 3126 - C 6.3 (1/4") and hex recess drive as per DIN 3126 - D 6.3 (1/4")
- T With magnetic screw retainer
- T Hand operation
- T For use with driving handle, No. 676, or torque handle, No. 2140

E
Y
e
i



Code	No.	k "	- "	y	/	l
1802437	699 L	1/4	1/4	130	41	1

700

BIT HOLDER magnetic

- T Quick-grip system for hex bits as per DIN 3126 - C 6.3 + E 6.3 (1/4")

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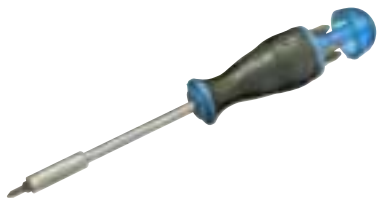
Code	No.	k "	- "	Ø	y	/	l
6530550	700	1/4	1/4	14	51	25	1

169

MAGAZINE HANDLE SCREWDRIVER

- T Magnetic magazine handle with room for 7 bits
- T Cap with click-locking
- T No. 169 L = empty

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Code	No.	M	N	/	l
6432700	169	115	220	200	1
	? 680	4	5,5	6,5	
	; 690	1	2		
	< 690 PZD	1	2		
6432620	169 L	115	220	150	1

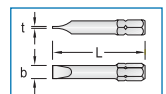
8 MM (5/16") HEXAGON SQUARE DRIVE

880

SCREWDRIVER BIT for slotted head screws

- T For hand operation and use in electric and air tools
- T Acc. to DIN ISO 2351-1
- T Hexagon drive as per DIN 3126 - C 8 (5/16")
- T GEDORE special vanadium steel, gun-metal finish

h
j
?



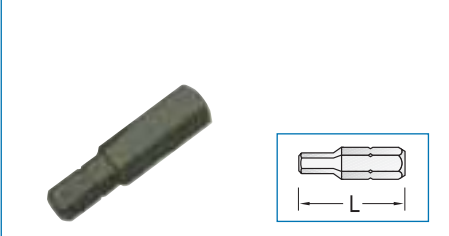
Code	No.	b	t	L	/	l
6566740	880 5,5	5.5	0.8	41	10	10
6566820	880 6,5	6.5	1.2	41	11	10
6566900	880 7	7.0	1.2	41	12	10
6567040	880 8	8.0	1.6	41	13	10



Code	No.	b	t	L	/	l
6567120	880 9	9.0	1.6	41	13	10
6567200	880 10	10.0	1.6	41	20	10
6567390	880 12	12.0	2.0	41	23	10
6567470	880 14	14.0	2.5	41	26	10

885

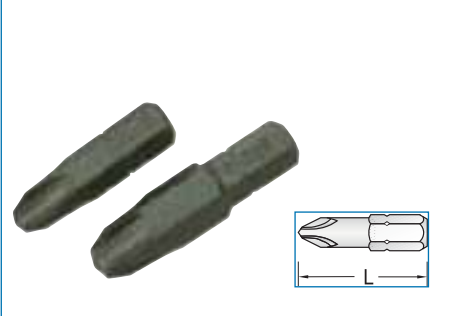
SCREWDRIVER BIT for in-hex screws
 T For hand operation and use in electric and air tools
 T Acc. to DIN ISO 2351-3
 T Hexagon drive as per DIN 3126 - C 8 (5/16")
 T GEDORE special vanadium steel, gun-metal finish



Code	No.	§	ISO 4762	DIN 7984	L	/	l
6568010	885 3	3	M4	M5	30	6	10
6568280	885 4	4	M5	M6	30	9	10
6568360	885 5	5	M6	M8	30	10	10
6568440	885 6	6	M8	M10	30	10	10
6568520	885 8	8	M10	M12	30	14	10
6568600	885 10	10	M12	M14	30	21	10

890

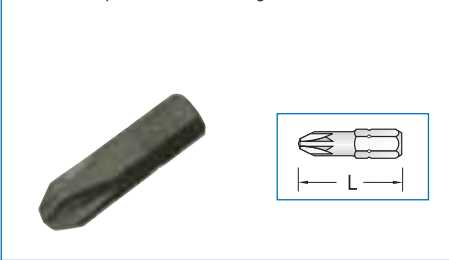
SCREWDRIVER BIT for cross-slotted head screws PH
 T For hand operation and use in electric and air tools
 T Acc. to DIN ISO 2351-2, tip as per DIN ISO 8764-1 PH
 T Hexagon drive as per DIN 3126 - C 8 (5/16")
 T GEDORE special vanadium steel, gun-metal finish



Code	No.	PH	L	/	l
6571580	890 1	1	32	9	10
6571660	890 2	2	32	10	10
6571740	890 3	3	32	10	10
6571820	890 4	4	32	15	10
6571900	890 4 L	4	38	16	10

890 PZD

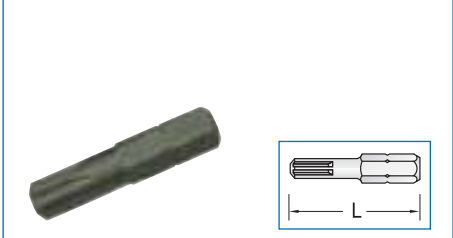
SCREWDRIVER BIT for cross-slotted head screws PZ
 T For hand operation and use in electric and air tools
 T Acc. to DIN ISO 2351-2, tip as per DIN ISO 8764-1 PZ
 T Hexagon drive as per DIN 3126 - C 8 (5/16")
 T GEDORE special vanadium steel, gun-metal finish



Code	No.	< PZ	L	/	l
6553250	890 PZD 1	1	32	9	10
6553330	890 PZD 2	2	32	10	10
6553410	890 PZD 3	3	32	10	10
6553760	890 PZD 4	4	32	15	10

886

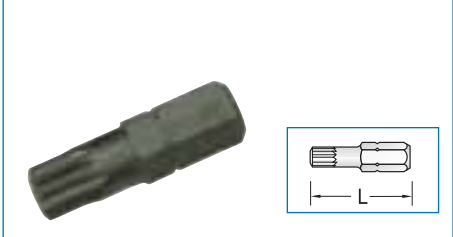
SCREWDRIVER BIT for multi-spline screws RIBE®
 T For hand operation and use in electric and air tools
 T Hexagon drive as per DIN 3126 - C 8 (5/16")
 T GEDORE special vanadium steel, gun-metal finish
 T RIBE® is a registered trademark of Rich. Bergner



Code	No.	+	L	/	l
6570340	886 4	M4	38	7	10
6570420	886 5	M5	38	9	10
6570500	886 6	M6	38	11	10
6570690	886 8	M8	38	18	10
6570770	886 10	M10	38	20	10
6570850	886 12	M12	38	22	10
6570930	886 14	M14	38	24	10

885 X

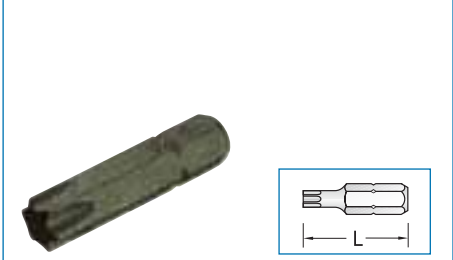
SCREWDRIVER BIT for multi-point screws XZN
 T For hand operation and use in electric and air tools
 T Hexagon drive as per DIN 3126 - C 8 (5/16"), tip as per DIN 2325
 T GEDORE special vanadium steel, gun-metal finish



Code	No.	+	L	/	l
6569170	885 X 5	M5	28	8	10
6569250	885 X 6	M6	28	9	10
6569330	885 X 8	M8	28	10	10
6569410	885 X 10	M10	38	16	10
6569680	885 X 12	M12	38	25	10
6569760	885 X 14	M14	38	29	10

887 TX

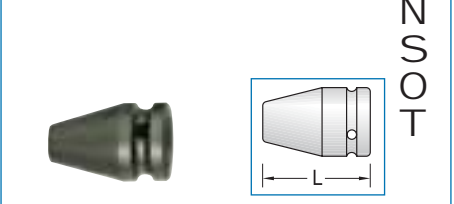
SCREWDRIVER BIT for recessed TORX® head screws
 T For hand operation and use in electric and air tools
 T Hexagon drive as per DIN 3126 - C 8 (5/16")
 T GEDORE special vanadium steel, gun-metal finish
 T TORX® is a registered trademark of Acument Intellectual Properties, LLC. USA



Code	No.	7	+	&	L	/	l
6571070	887 TX T27	T27	M4,5 - M6	4.99	35	10	10
6571150	887 TX T30	T30	M6 - M7	5.52	35	11	10
6571230	887 TX T40	T40	M7 - M8	6.65	35	12	10
6571310	887 TX T45	T45	M8 - M10	7.82	35	15	10
6575140	887 TX T50	T50	M10	8.83	35	15	10

KB 819 - KB 830

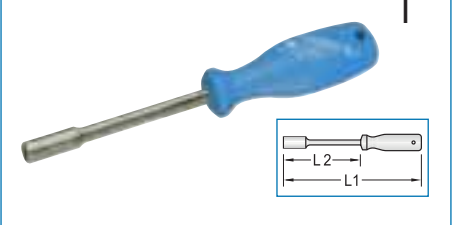
ADAPTOR PIECES for screwdriver bits
 T Acc. to DIN 7427 Form A
 T Hex recess D 8 (5/16") and square drive Form G DIN 3121
 T For hand-operated or power tools
 T For use in power tools, we recommend the use of a locking ring and pin
 T * Length not standardised



Code	No.	* - "	Q*	L	/	l
6563480	KB 819	5/16	1/2	35	65	5
6563560	KB 820	* 5/16	1/4	25	16	1
6563800	KB 830	5/16	3/8	30	45	1

870

BIT SCREWDRIVER
 T Hex recess as per DIN 3126 - D 8 (5/16"), for bits
 T Magnetic screw retainer
 T GEDORE vanadium steel



Code	No.	- "	L1	L2	/	l
6565500	870	5/16	210	100	185	1

871

BIT REVERSIBLE RATCHET
 T With knurled head for quick starting or counter-holding of screws
 T Hex recess as per DIN 3126 - D 8 (5/16")
 T Slimline design for working in confined spaces



Code	No.	- "	A °	y	4	/	l
6535430	871	5/16	15	127	20.2	110	1

871-021

BIT SET 24 pieces
 T Extra slim bit ratchet with most popular bit sizes
 T For working in extremely confined spaces
 T In plastic case, dimensions: 200 x 120 x 38 mm
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	/	l
6570180	871-021		720 1
	871		
	? 880	5,5 6,5 8 10	
	5 885	3 4 5 6 8	
	2 890	2 3	
	< 890 PZD	2 3 4	
	7 887 TX	T27 T30 T40 T45 T50	
	& 872		



THE PERFECT DRIVE

OVERVIEW

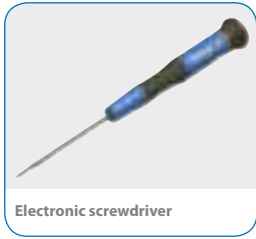
- T slotted head
- T cross-slotted head PH
- T cross-slotted head PZ
- T hexagon head
- T splined head
- T TORX® head
- T Torque screwdriver
- T Electronic screwdriver
- T Hexagon socket key
- T Voltage tester







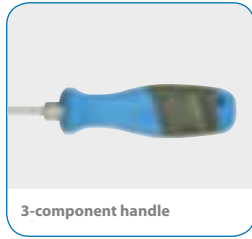
DREMO PLUS 3 C Proven strength in constant use and is very tough!



Electronic screwdriver



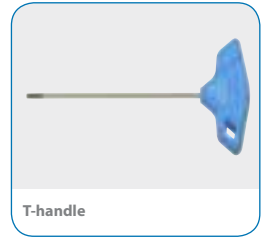
Hardened blade



3-component handle



Hexagon socket key



T-handle



Features



Cold pressed blade

Hardened blade

Sturdy, colourless core



Hard component

Soft component

Permanently marked



Permanent, form-fit joint between handle and blade

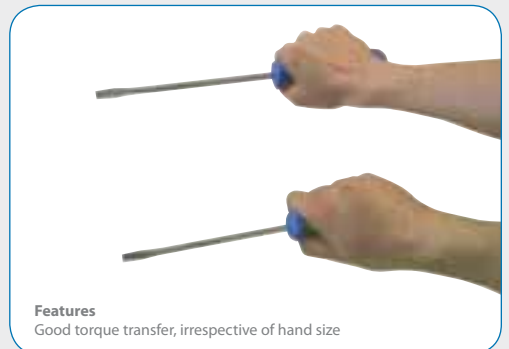
1 The soft component in the rear part of the handle lies especially well in the hand. It permits the full force of the hand to be employed in turning the screwdriver and prevents early tiredness when the tool is used continually.

2 The robust core is in the inside of the handle. It absorbs the force from the outer components and transfers it safely to the shaft.

3 The hard component in the front part of the handle has been designed to make fast turning with low resistance much easier.

4 In the case of screws which have become stuck, the forged-on hexagon bolster permits an increase in the torque with the use of an adjustable spanner. (Only screwdrivers 2154SK, 2160SK and 2154)

5 The blade in chrome vanadium steel is fully hardened over the whole length and thus fulfills all the requirements for safe working.



Features
Good torque transfer, irrespective of hand size



3C-SCREWDRIVER WITH STRIKING CAP

2154SK

3C-SCREWDRIVER WITH STRIKING CAP for slotted head screws

T Blade with hexagon bolster



Code	No.	L	K	∅	M	N	\$	/	I
1845209	2154SK 3,5	0.6	3.5	4	75	180	8	86	1
1845217	2154SK 4,5	0.8	4.5	5	90	195	8	90	1
1845225	2154SK 5,5	1.0	5.5	5	100	205	8	92	1
1845233	2154SK 6,5	1.2	6.5	6	125	245	10	154	1
1845241	2154SK 8	1.2	8.0	7	150	270	13	178	1
1845268	2154SK 10	1.6	10.0	8	175	295	13	214	1
1845276	2154SK 12	2.0	12.0	9	200	320	16	260	1
1845284	2154SK 14	2.5	14.0	11	200	320	16	324	1

2160SK PH

3C-SCREWDRIVER WITH STRIKING CAP for cross-slotted head screws PH

T Blade with hexagon bolster



Code	No.	PH	∅	M	N	\$	/	I
1845292	2160SK PH 1	1	4	80	185	8	86	1
1845306	2160SK PH 2	2	6	120	220	10	148	1
1845314	2160SK PH 3	3	8	150	270	13	204	1
1845322	2160SK PH 4	4	10	200	320	16	292	1



2160SK PZ

3C-SCREWDRIVER WITH STRIKING CAP for cross-slotted head screws PZ

T Blade with hexagon bolster



Code	No.	PZ	∅	M	N	\$	/	I
1845330	2160SK PZ 1	1	4	80	185	8	86	1
1845349	2160SK PZ 2	2	6	120	220	10	148	1
1845357	2160SK PZ 3	3	8	150	270	13	206	1
1845365	2160SK PZ 4	4	10	200	320	16	292	1

Deviant packing units see article description.

SK 2154 PH-06

3C-SCREWDRIVER SET WITH STRIKING CAP 6 pieces

T For firmly seated slotted and cross-slotted head screws PH

T Blade with hexagon bolster



Code	No.	/	I
1878743	SK 2154 PH-06 ? 2154SK 4,5 5,5 6,5 8 : 2160SK PH 1 2	750	1



3C-SCREWDRIVER

2150

3C-SCREWDRIVER for slotted head screws

T To DIN ISO 2380-2, blade tip DIN ISO 2380-1 Form A

T Blade in vanadium plus steel

T 3-component handle with hanging hole

T * not standardised



Code	No.	*	L	K	∅	M	N	/	I
6679270	2150 3		0.5	3.0	3	80	160	25	10
6679350	2150 4		0.8	4.0	4	100	190	45	10
6679430	2150 5,5		1.0	5.5	5	125	225	69	10
6679510	2150 6,5		1.2	6.5	6	150	260	101	10
6679780	2150 8		1.2	8.0	7	175	295	156	10
6679860	2150 10		1.6	10.0	8	200	320	189	10
6679940	2150 12		2.0	12.0	9	250	370	243	10
1828673	2150 14	*	2.5	14.0	11	250	370	309	1

2150

3C-SCREWDRIVER for slotted head screws, special lengths

T With parallel blade

T Blade tip DIN ISO 2380-1 Form B

T Blade in vanadium plus steel

T 3-component handle with hanging hole

T * not standardised



Code	No.	*	L	K	∅	M	N	/	I
6680010	2150 3-100		0.5	3.0	3,0	100	180	26	10
6680280	2150 3-150	*	0.5	3.0	3,0	150	230	29	10
6680360	2150 4-150	*	0.8	4.0	4,0	150	240	52	10
6680440	2150 5,5-100		1.0	5.5	5,5	100	200	70	10
6680520	2150 5,5-150		1.0	5.5	5,5	150	250	79	10
6680600	2150 5,5-250	*	1.0	5.5	5,5	250	350	89	10
6680790	2150 6,5-100		1.2	6.5	6,5	100	210	90	10
6680870	2150 6,5-200	*	1.2	6.5	6,5	200	310	120	10
1646478	2150 6,5-300	*	1.2	6.5	6,0	300	410	136	1
1646486	2150 6,5-400	*	1.2	6.5	6,0	400	510	157	1
6680950	2150 8-125		1.2	8.0	8,0	125	245	159	10
6681090	2150 8-225	*	1.2	8.0	8,0	225	345	199	10
1646494	2150 8-300	*	1.2	8.0	8,0	300	420	210	1
1646508	2150 8-400	*	1.2	8.0	8,0	400	520	250	1
6681170	2150 10-150		1.6	10.0	10,0	150	270	219	10
6681840	2150 10-250	*	1.6	10.0	10,0	250	370	281	10

Detailed information on products, promotions and trade fairs

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2153

SCREWDRIVER for slotted head screws, stubby
 T To DIN ISO 2380-2, blade tip DIN ISO 2380-1 Form B
 T Blade in vanadium plus steel
 T 1-component handle, blue, with hanging hole



Code	No.	L	K	Ø	M	N	/	I
1531174	2153 4	0.8	4.0	4,0	25	75	25	10
1482432	2153 5,5	1.0	5.5	5,5	25	75	30	10
1531182	2153 6,5	1.2	6.5	6,5	25	75	35	10
1531190	2153 8	1.2	8.0	8,0	25	75	40	10



2154

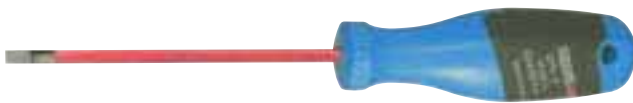
3C-SCREWDRIVER for slotted head screws
 T Blade with hexagon bolster
 T To DIN ISO 2380-2, blade tip DIN ISO 2380-1 Form A
 T Blade in vanadium plus steel
 T 3-component handle with hanging hole
 T * not standardised



Code	No.	*	L	K	Ø	M	N	\$	/	I
1828681	2154 3,5	*	0.6	3.5	4	75	180	8	66	10
6682490	2154 4,5	*	0.8	4.5	5	100	200	8	67	10
6682570	2154 5,5		1.0	5.5	5	100	200	8	68	10
6682650	2154 6,5		1.2	6.5	6	125	235	10	95	10
6682730	2154 8		1.2	8.0	7	150	270	13	157	10
6682810	2154 10		1.6	10.0	8	175	295	13	187	10
6683030	2154 12		2.0	12.0	9	200	320	16	233	10
1531158	2154 14		2.5	14.0	11	250	370	16	295	10

2170

3C-SCREWDRIVER for slotted head screws, insulated blade
 T To DIN ISO 2380-2, blade tip DIN ISO 2380-1 Form B
 T Blade in vanadium plus steel
 T 3-component handle with hanging hole

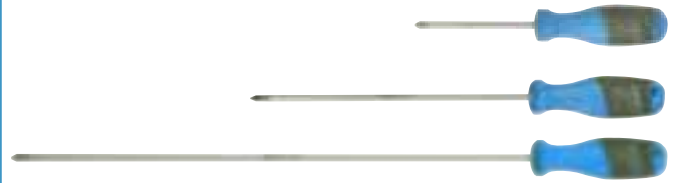


Code	No.	L	K	Ø	M	N	/	I
6678700	2170 2,5	0.4	2.5	2,5	75	155	25	10
6678890	2170 3	0.5	3.0	3,0	75	155	27	10
6678970	2170 4	0.8	4.0	4,0	100	190	46	10
6679000	2170 5,5	1.0	5.5	5,5	125	225	79	10
6679190	2170 6,5	1.2	6.5	6,5	150	260	107	10



2160 PH

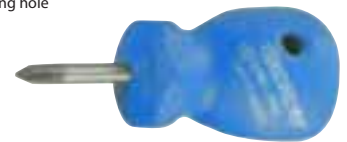
3C-SCREWDRIVER for cross-slotted head screws PH
 T To DIN ISO 8764, tip to DIN ISO 8764-1 PH
 T Blade in vanadium plus steel
 T 3-component handle with hanging hole
 T Size 3 and 4 blade with hexagon bolster
 T * not standardised



Code	No.	*	:	PH	Ø	M	N	\$	/	I
6683110	2160 PH 0		0		3,0	60	140		25	10
6683380	2160 PH 1		1		4,5	80	180		55	10
6683700	2160 PH 1-200		1		4,5	200	300		74	10
6683460	2160 PH 2		2		6,0	100	210		90	10
6683890	2160 PH 2-200		2		6,0	200	310		111	10
1646516	2160 PH 2-300	*	2		6,0	300	410		135	1
1646524	2160 PH 2-400	*	2		6,0	400	510		156	1
6683540	2160 PH 3		3		8,0	150	270	13	177	10
6683620	2160 PH 4		4		10,0	200	320	16	265	10

2161 PH

SCREWDRIVER for cross-slotted head screws PH, stubby
 T To DIN ISO 8764, tip to DIN ISO 8764-1 PH
 T Blade in vanadium plus steel
 T 1-component handle, blue, with hanging hole



Code	No.	:	PH	Ø	M	N	/	I
1482440	2161 PH 1	1		4,5	25	75	30	10
1531204	2161 PH 2	2		6,0	25	75	32	10

2160 PZ

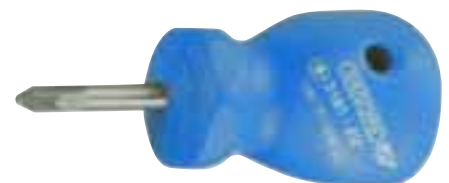
3C-SCREWDRIVER for cross-slotted head screws PZ
 T To DIN ISO 8764, tip to DIN ISO 8764-1 PZ
 T Blade in vanadium plus steel
 T 3-component handle with hanging hole
 T Size 3 and 4 blade with hexagon bolster



Code	No.	<	PZ	Ø	M	N	\$	/	I
6683970	2160 PZ 0	0		3,0	60	140		25	10
6684000	2160 PZ 1	1		4,5	80	180		59	10
6684190	2160 PZ 2	2		6,0	100	210		90	10
6684270	2160 PZ 3	3		8,0	150	270	13	177	10
6684350	2160 PZ 4	4		10,0	200	320	16	265	10

2161 PZ

SCREWDRIVER for cross-slotted head screws PZ, stubby
 T To DIN ISO 8764, tip to DIN ISO 8764-1 PZ
 T Blade in vanadium plus steel
 T 1-component handle, blue, with hanging hole



Code	No.	<	PZ	Ø	M	N	/	I
1550608	2161 PZ 1	1		4,5	25	75	25	10
1550616	2161 PZ 2	2		6,0	25	75	32	10



2163 BK

3C-SCREWDRIVER with ball end for in-hex screws
 T Blade in vanadium plus steel
 T 3-component handle with hanging hole

5



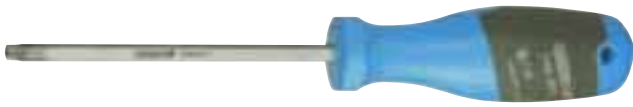
Code	No.	\$	Ø	M	N	/	l
1828746	2163 BK 2	2	3	75	155	31	10
6684430	2163 BK 3	3	4	75	155	31	10
6684510	2163 BK 4	4	5	100	190	49	10
6684780	2163 BK 5	5	6	100	200	76	10
6684860	2163 BK 6	6	7	125	235	103	10
6684940	2163 BK 8	8	10	150	270	193	10
6685080	2163 BK 10	10	12	150	270	280	10
6685160	2163 BK 12	12	14	160	280	364	10



2163 BTX

3C-SCREWDRIVER for recessed TORX® head screws
 T Blade in vanadium plus steel
 T 3-component handle with hanging hole
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	7	+	&	Ø	M	N	/	l
1828703	2163 BTX T3	T3	M1,2 - M1,4	1.13	3,0	60	140	28	10
1828711	2163 BTX T4	T4	M1,4	1.29	3,0	60	140	27	10
1616471	2163 BTX T5	T5	M1,8	1.42	3,0	60	140	24	10
6685400	2163 BTX T6	T6	M2	1.69	3,0	60	140	24	10
6685590	2163 BTX T7	T7	M2,5	1.99	3,0	60	140	24	10
6685670	2163 BTX T8	T8	M2,5	2.31	3,0	60	140	24	10
6685750	2163 BTX T9	T9	M3	2.50	3,0	60	140	24	10
6685830	2163 BTX T10	T10	M3 - M3,5	2.74	3,0	80	160	25	10
6685910	2163 BTX T15	T15	M3,5 - M4	3.27	3,5	80	170	39	10
6686050	2163 BTX T20	T20	M4 - M5	3.86	4,0	100	190	45	10
6686130	2163 BTX T25	T25	M4,5 - M5	4.43	4,5	100	200	62	10
6686210	2163 BTX T27	T27	M4,5 - M6	4.99	5,5	115	215	74	10
6686480	2163 BTX T30	T30	M6 - M7	5.52	6,0	115	225	93	10
6686560	2163 BTX T40	T40	M7 - M8	6.65	7,0	130	240	100	10
6686640	2163 BTX T45	T45	M8 - M10	7.82	8,0	130	250	165	10
6686720	2163 BTX T50	T50	M10	8.83	9,0	150	270	193	10

2163 TXB

3C-SCREWDRIVER for recessed TORX® head screws with pilot
 T Blade in vanadium plus steel
 T 3-component handle with hanging hole
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

8



Code	No.	8	+	&	Ø	M	N	/	l
1828738	2163 TXB T6	T6	M2	1.69	3,0	60	140	29	10
6677570	2163 TXB T7	T7	M2,5	1.99	3,0	60	140	25	10
6677650	2163 TXB T8	T8	M2,5	2.31	3,0	60	140	25	10
6677730	2163 TXB T9	T9	M3	2.50	3,0	60	140	25	10
6677810	2163 TXB T10	T10	M3 - M3,5	2.74	3,0	80	160	27	10
6678030	2163 TXB T15	T15	M3,5 - M4	3.27	3,5	80	170	28	10
6678110	2163 TXB T20	T20	M4 - M5	3.86	4,0	100	190	36	10
6678380	2163 TXB T25	T25	M4,5 - M5	4.43	4,5	100	200	61	10
6678460	2163 TXB T27	T27	M4,5 - M6	4.99	5,5	115	215	74	10
6678540	2163 TXB T30	T30	M6 - M7	5.52	6,0	115	225	93	10
6678620	2163 TXB T40	T40	M7 - M8	6.65	7,0	130	240	100	10

3C-SCREWDRIVER SETS

2150-2160 PH

3C-SCREWDRIVER SET 6 pieces / 10 pieces
 T For slotted head and cruciform head screws PH

?



Code	No.	/	l
1482319	2150-2160 PH-06 ? 2150 4 5,5 6,5 8 ; 2160 PH 1 2	650	1
1482343	2150-2160 PH-010 ? 2150 3 4 5,5 6,5 8 ; 2153 5,5 ; 2160 PH 1 2 ; 2161 PH 1 ? 4615 3,5	780	1

2154-2160 PH-07

3C-SCREWDRIVER SET 7 pieces
 T For slotted head and cruciform head screws PH

?



Code	No.	/	l
1731149	2154-2160 PH-07 ? 2154 4,5 5,5 6,5 8 ; 2160 PH 1 2 ? 4615 3	710	1



2150-2160 PZ-06

3C-SCREWDRIVER SET 6 pieces
T For slotted head and cruciform head screws PZ

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Code	No.	/	I
1482300	2150-2160 PZ-06	650	1
	? 2150 4 5,5 6,5 8		
	< 2160 PZ 1 2		



2163 TXB-05

3C-SCREWDRIVER SET 5 pieces
T For recessed TORX® head screws with pilot
T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	/	I
1616617	2163 TXB-05	240	1
	8 2163 TXB T10 T15 T20 T25 T30		

2160 PHZ-06

3C-SCREWDRIVER SET 6 pieces
T For cross-slotted head screws PH and PZ

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Code	No.	/	I	G
2003589	2160 PHZ-06	344	1	G
	; : 2160 PH 0 1 2			
	< 2160 PZ 0 1 2			

VS 2155 S

SCREWDRIVER SALES STAND 155 pieces
T Blade in vanadium plus steel
T 3-component handle with hanging hole
T Display made from acrylic glass, dimensions: 580 x 380 x 80 mm

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Code	No.	O	I
6424600	VS 2155 S	22,5	1
	5x ? 2150 3 4 5,5 6,5 8 10		
	5x ? 2154 5,5 6,5 8 10 12		
	5x ? 2153 5,5 6,5 8		
	5x ? 2170 2,5 3 4 5,5 6,5		
	5x; 2160 PH 0 1 2 3 4		
	5x; 2161 PH 1 2		
	5x < 2160 PZ 0 1 2 3 4		

2163 BTX

3C-SCREWDRIVER SET 5 pieces / 10 pieces
T For recessed TORX® head screws
T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

7



Code	No.	/	I
1482327	2163 BTX-05	380	1
	7 2163 BTX T10 T15 T20 T25 T30		
1482335	2163 BTX-010	630	1
	7 2163 BTX T7 T8 T9 T10 T15 T20 T25 T27 T30 T40		





VS 2150-2154

SCREWDRIVER SALES STAND 48 pieces
 T For slotted head screws
 T Dimensions: 440 x 290 x 140 mm



Code	No.	O	I
1948458	VS 2150-2154 4x ? 2150 3 4 5,5 6,5 8 10 4x ? 2153 5,5 6,5 4x ? 2154 6,5 8 10 12	8.3	1

VS 2160-2161

SCREWDRIVER SALES STAND 48 pieces
 T For cross-slotted head screws PH and PZ
 T Dimensions: 440 x 180 x 100 mm



Code	No.	O	I
1948431	VS 2160-2161 4x ; 2160 PH 0 1 2 3 4 4x ; 2161 PH 1 2 4x < 2160 PZ 0 1 2 3 4	8.2	1

VS 2150 XL

SCREWDRIVER SALES STAND 36 pieces
 T For slotted head screws, special lengths
 T Dimensions: 325 x 185 x 100 mm



Code	No.	O	I
1948482	VS 2150 XL 4x ? 2150 3-100 3-150 4-150 5,5-100 5,5-150 6,5-200 8-125 8-225 10-150	6.8	1

VS 2163

SCREWDRIVER SALES STAND 40 pieces
 T For recessed TORX® head screws
 T Dimensions: 325 x 190 x 100 mm
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	O	I
1948466	VS 2163 BTX 4x 7 2163 BTX T6 T7 T8 T9 T10 T15 T20 T25 T27 T30	4.8	1
1948474	VS 2163 TXB 4x 8 2163 TXB T6 T7 T8 T9 T10 T15 T20 T25 T27 T30	4.7	1



TORQUE SCREWDRIVER

- T Ideal for serial production
- T 3 Torque screwdriver handles for 3 working ranges
- T 23 different plug-in blades for all common screw profiles (slotted, cruciform PH + PZ, TORX® and TORX PLUS®)
- T All items are available individually - from torque screwdriver handle to each plug-in blade)

Accessories

T Activating tools and screwdriver bits as well as adaptors are listed up from page 145



2140

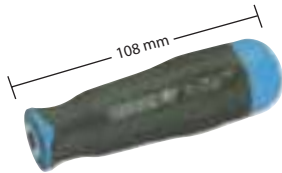
TORQUE SCREWDRIVER HANDLE 0.6-5.4 N-m

- T Adjustable, with tactile impulse and audible signal
- T For guaranteed controlled screw tightening in the range of 0.6 - 5.4 N-m
- T Acc. to DIN EN ISO 6789, traceable to national standards
- T Including hexagon socket key set 42 6 mm

Actuation accuracy:

- T model 2140 1,5 NM: +/- 10% tolerance of the set value
- T model 2140 3,0 NM and 2140 5,4 NM: +/- 6% tolerance of the set value

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Y



Code	No.	N-m	y	∅	/	l
1802364	2140 1,5 NM	0,6-1,5	108	0,1	195	1
1802372	2140 3,0 NM	1,5-3,0	108	0,1	195	1
1802380	2140 5,4 NM	3,0-5,4	108	0,2	195	1

2141 IP

PLUG-IN BLADE 1/4" HEX TORX PLUS®

T TORX PLUS® = reg. trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	+	y	/	l
1802658	2141 6IP	M2	170	40	1
1802666	2141 7IP	-	170	40	1
1802674	2141 8IP	M2,5 - M3	170	40	1
1802682	2141 9IP	-	170	40	1
1802690	2141 10IP	M3 - M3,5	170	40	1
1802704	2141 15IP	M3,5 - M4	170	40	1

2141 TX

PLUG-IN BLADE 1/4" HEX for recessed TORX® head screws

T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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7

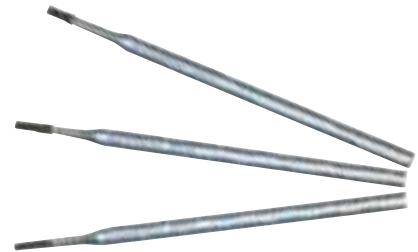


Code	No.	7	+	&	y	/	l
1802569	2141 TX T6	T6	M2	1.69	170	40	1
1802577	2141 TX T7	T7	M2,5	1.99	170	40	1
1802585	2141 TX T8	T8	M2,5	2.31	170	40	1
1802593	2141 TX T9	T9	M3	2.50	170	40	1
1802607	2141 TX T10	T10	M3 - M3,5	2.74	170	40	1
1802615	2141 TX T15	T15	M3,5 - M4	3.27	170	40	1
1802623	2141 TX T20	T20	M4 - M5	3.86	170	42	1
1802631	2141 TX T25	T25	M4,5 - M5	4.43	170	42	1

2141 IS

PLUG-IN BLADE 1/4" HEX for slotted head screws

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Code	No.	K	L	y	/	l
1802453	2141 IS 3	3.0	0.5	170	40	1
1802461	2141 IS 3,5	3.5	0.6	170	40	1
1802488	2141 IS 4	4.0	0.8	170	40	1

2141 PH

PLUG-IN BLADE HEX for cross-slotted head screws PH

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Code	No.	: PH	+	y	/	l
1802496	2141 PH 0	0	M1,6 - M2	170	40	1
1802518	2141 PH 1	1	M2 - M3	170	40	1
1802526	2141 PH 2	2	M3,5 - M5	170	43	1



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2141 PZ

PLUG-IN BLADE HEX for cross-slotted head screws PZ



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Code	No.	< PZ	+	y	/	l
1802534	2141 PZ 0	0	M1,6 - M2	170	40	1
1802542	2141 PZ 1	1	M2 - M3	170	40	1
1802550	2141 PZ 2	2	M3,5 - M5	170	43	1

2140

TORQUE SCREWDRIVER SET 25 pieces

- T Ideal for working in a small torque range, e.g. electronics, precision mechanics
- T GEDORE-Check-Tool insert
- T For screwdriver function simply add the 2C multi-handle with appropriate accessory



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Code	No.	N-m	/	l
1953761	2140-3,0-025 ? 680 4 6,5 5 685 2 2,5 3 4 5 6 : 690 0 1 2 3 D 20 4 4,5 5 5,5 6 7 8 9 10 5 42 6 673 L 676 699 L 2140 3,0 N-m	1,5-3,0	595	1
1802429	2140-5,4-025 ? 680 4 6,5 5 685 2 2,5 3 4 5 6 : 690 0 1 2 3 D 20 4 4,5 5 5,5 6 7 8 9 10 5 42 6 673 L 676 699 L 2140 5,4 N-m	3,0-5,4	595	1



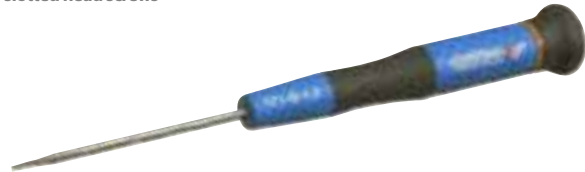
ELECTRONIC SCREWDRIVER

- T Blade in high-alloy chrome-vanadium-molybdenum steel, chrome-plated
- T Tip additionally coated for highest precision and corrosion protection
- T 2-component-handle in ergonomic design, with anti-slip surface
- T Pivoting 2-component end cap with anti-slip surface and colour coding
- T Colour coding of the drive type

171 IS

ELECTRONIC SCREWDRIVER for slotted head screws

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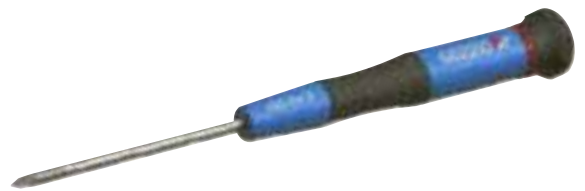


Code	No.	K	M	N	/	l
1845004	171 IS 1,2	1.2	60	155	12	5
6436450	171 IS 1,5	1.5	60	155	12	5
1845012	171 IS 1,8	1.8	60	155	13	5
6438660	171 IS 2	2.0	60	155	13	5
1845020	171 IS 2,5	2.5	75	170	15	5
1845039	171 IS 3	3.0	100	195	16	5

165 PH

ELECTRONIC SCREWDRIVER for cross-slotted head screws PH

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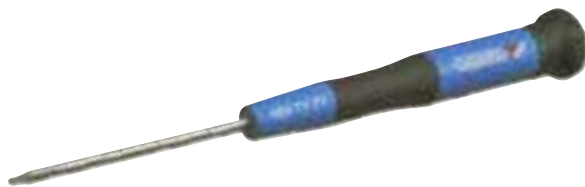
Code	No.	M	N	/	l
1845047	165 PH 000	60	155	13	5
6442770	165 PH 00	60	155	13	5
6442930	165 PH 0	60	155	15	5
1845055	165 PH 1	80	175	16	5

165 TX

ELECTRONIC SCREWDRIVER for recessed TORX® head screws

T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

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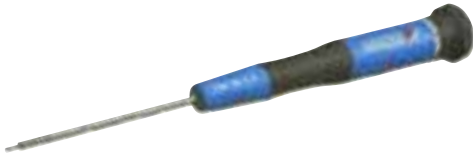
Code	No.	7	+	&	M	N	/	l
1845098	165 TX T3	T3	M1,2 - M1,4	1.13	60	155	16	5
1845101	165 TX T4	T4	M1,4	1.29	60	155	16	5
1845128	165 TX T5	T5	M1,8	1.42	60	155	17	5
1845136	165 TX T6	T6	M2	1.69	60	155	19	5
1845144	165 TX T7	T7	M2,5	1.99	60	155	19	5
1845152	165 TX T8	T8	M2,5	2.31	60	155	19	5
1845160	165 TX T9	T9	M3	2.50	60	155	19	5
1845179	165 TX T10	T10	M3 - M3,5	2.74	60	155	20	5
1845187	165 TX T15	T15	M3,5 - M4	3.27	60	155	23	5
1845195	165 TX T20	T20	M4 - M5	3.86	80	175	29	5



164 IN

ELECTRONIC SCREWDRIVER for in-hex screws

5



Code	No.	\$	M	N	/	I
1845063	164 IN 0,7	0.7	60	155	12	5
1845071	164 IN 0,9	0.9	60	155	12	5
6443150	164 IN 1,3	1.3	60	155	13	5
6443230	164 IN 1,5	1.5	60	155	13	5
6443310	164 IN 2	2.0	60	155	13	5
6443580	164 IN 2,5	2.5	60	155	14	5
6443740	164 IN 3	3.0	60	155	16	5



165-171-06

ELECTRONIC SCREWDRIVER SET

6 pieces

T For slotted and cross-slotted head screws PH



?

Code	No.	/	I
1902849	165-171-06 ; 165 PH 000 00 0 ? 171 IS 1,2 1,8 2,5	385	1

165 TX-06

ELECTRONIC SCREWDRIVER SET

6 pieces

T For recessed TORX® head screws
T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



7

Code	No.	/	I
1902857	165 TX-06 7 165 TX T5 T6 T7 T8 T9 T10	415	1

1021

ELECTRONIC SCREWDRIVER SET 7 pieces

T In plastic case



?

Code	No.	/	I
6601830	1021 ? 171 IS 1,2 1,5 2 ; 165 PH 00 0 8305-2 8306-5	620	1

VARIOUS

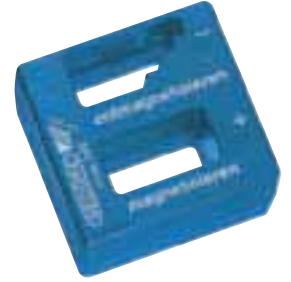
149

MAGNETIZER AND DEMAGNETIZER

T Demagnetises screwdrivers, tweezers and similar tools made from steel

T Blue housing, made from high-quality plastic, unbreakable, cadmium-free

1



Code	No.	L	H	W	/	I
6416500	149	52	26	50	85	1

156 S

SQUARE BLADED AWL

T Blue handle with hanging hole

T Blade bright nickel-plated



Code	No.	M	N	/	I
6424520	156 S	100	200	75	10

SCREWDRIVER WITH WOODEN HANDLE

T Blade tapered right through the handle, chrome-plated

T GEDORE-vanadium steel 50CrV4

T Hexagon bolster for extra power

T Hardwood handle, clear varnished with leather cap

147

SCREWDRIVER for slotted head screws

T Similar to DIN ISO 2380-2 Row B+C, blade tip DIN ISO 2380-1 Form A

?



Code	No.	K	L	M	N	\$	/	I
6413830	147 3,5	3.5	0.6	75	170	6	47	5
6413910	147 4,5	4.5	0.8	90	185	6	50	5
6414050	147 5,5	5.5	1.0	100	200	8	70	10
6414130	147 7	7.0	1.2	125	235	10	110	10
6414210	147 9	9.0	1.4	150	270	12	180	10
6414480	147 10	10.0	1.6	175	300	12	230	5
6414560	147 12	12.0	2.0	200	330	13	280	5





148

SCREWDRIVER for slotted head screws

T Similar to DIN ISO 2380-2 Row B+C, blade tip DIN ISO 2380-1 Form A
T Hexagon blade with forged bolster



Code	No.	K	L	M	N	\$	/	I
6415020	148 5,5	5.5	0.8	100	200	6	85	5
6415100	148 7	7.0	1.0	125	230	7	130	5
6415290	148 8	8.0	1.2	150	270	8	190	5
6415370	148 10	10.0	1.6	175	300	8	260	5
6415450	148 12	12.0	2.0	200	330	12	340	5
6415530	148 14	14.0	2.5	250	390	12	530	5

162

SCREWDRIVER for cross-slotted head screws PH

T Similar to DIN ISO 8764-2, tip DIN ISO 8764-1 PH



Code	No.	PH	M	N	\$	/	I
6429400	162 1	1	80	180	6	55	5
6429590	162 2	2	100	210	10	95	5
6429670	162 3	3	150	275	12	210	5
6429750	162 4	4	200	340	17	350	5

147-04

SCREWDRIVER SET 4 pieces

T Work orientated assortment packed in environmentally-friendly cardboard box



Code	No.	/	I
6422820	147-04	600	1
	? 147 5,5 7 9 10		

Detailed information on products, promotions and trade fairs
... www.gedore.com



147-162-05

SCREWDRIVER SET 5 pieces

T Work orientated assortment packed in environmentally-friendly cardboard box



Code	No.	/	I
6423120	147-162-05	450	1
	? 147 5,5 7 9		
	; 162 1 2		

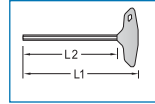
HEXAGON SOCKET KEYS

42 T

HEXAGON SCREWDRIVER WITH T-HANDLE for in-hex screws

T Blue handle with hanging hole

5



Code	No.	\$	L ₁	L ₂	/	I
1531360	42 T 2	2.0	162.5	130	24	10
6354130	42 T 2,5	2.5	192.5	160	31	10
6353670	42 T 3	3.0	222.5	190	35	10
6353750	42 T 4	4.0	249.0	210	68	10
6353830	42 T 5	5.0	279.0	240	88	10
6353910	42 T 6	6.0	309.0	270	120	10
6366730	42 T 7	7.0	329.0	290	150	10
6354050	42 T 8	8.0	349.0	310	190	10
6354210	42 T 10	10.0	369.0	330	230	10

Code	No.	%	L ₁	L ₂	/	I	G
1996010	42 T 1/8AF	1/8	229.0	190	40	1	G
1996029	42 T 5/32AF	5/32	249.0	210	68	1	G
1996037	42 T 3/16AF	3/16	279.0	240	88	1	G
1996045	42 T 1/4AF	1/4	309.0	270	120	1	G
1996053	42 T 5/16AF	5/16	349.0	310	190	1	G
1996061	42 T 3/8AF	3/8	369.0	330	230	1	G



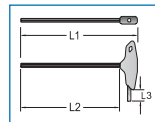
DT 42

HEXAGON SOCKET KEY WITH T-HANDLE

for in-hex screws

T Blue handle with hanging hole
T With 2 hexagons, same size each end

5



Code	No.	\$	L ₁	L ₂	L ₃	/	I
1476408	DT 42 2	2.0	107.0	87	12.0	15	10
1476424	DT 42 2,5	2.5	127.0	107	12.0	18	10
1476432	DT 42 3	3.0	147.0	127	12.0	22	10
1476440	DT 42 4	4.0	173.5	141	15.5	40	10
1476459	DT 42 5	5.0	193.5	161	17.5	57	10
1476467	DT 42 6	6.0	213.5	181	20.5	80	10
1476475	DT 42 7	7.0	231.0	192	28.0	120	10
1476483	DT 42 8	8.0	246.0	207	28.0	155	10
1476491	DT 42 10	10.0	261.0	222	28.0	245	10



DTT 42

TRI-T HEXAGON SOCKET KEY for in-hex screws
 T With 3 hexagons, same size each end
 T T-handle fixed

5



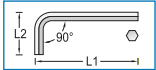
Code	No.	\$	L ₁	L ₂	∅	/	l
1669540	DTT 42 3	3	150	75	5.0	40	1
1669559	DTT 42 4	4	180	90	6.0	62	1
1669567	DTT 42 5	5	180	90	7.0	87	1
1669575	DTT 42 6	6	210	105	8.0	134	1
1669583	DTT 42 8	8	250	125	9.5	215	1
1669591	DTT 42 10	10	300	150	12.0	405	1



42

HEXAGON SOCKET KEY for in-hex screws
 T Acc. to DIN ISO 2936 (only metric sizes)
 T Zinc-plated up to size 12 mm, chrome-plated up from size 14 mm

5



Code	No.	\$	L ₁	L ₂	/	l
6342200	42 0,7	0.7	33.0	7.0	1	10
6342390	42 0,9	0.9	33.0	11.0	1	10
6342470	42 1,3	1.3	41.0	13.0	1	10
6340260	42 1,5	1.5	46.5	15.5	1	10
6340340	42 2 (5/64AF)	2.0	52.0	18.0	2	10
6340420	42 2,5	2.5	58.5	20.5	3	10
6340500	42 3	3.0	66.0	23.0	5	10
6340690	42 4	4.0	74.0	29.0	10	10
6340770	42 5	5.0	85.0	33.0	18	10
6340850	42 6	6.0	96.0	38.0	29	10
6340930	42 7	7.0	102.0	41.0	42	10
6341070	42 8	8.0	108.0	44.0	58	10
6341150	42 9	9.0	114.0	47.0	78	10
6341230	42 10	10.0	122.0	50.0	100	10
6341310	42 12	12.0	137.0	57.0	163	10
6341580	42 14	14.0	154.0	70.0	260	10
6341660	42 17	17.0	177.0	80.0	420	10
6341740	42 19	19.0	199.0	89.0	600	10
6341820	42 22	22.0	222.0	102.0	910	10
6341900	42 24	24.0	248.0	114.0	1210	5
6342550	42 27	27.0	277.0	127.0	1700	5
6342630	42 30	30.0	315.0	142.0	2500	1
6342710	42 32	32.0	347.0	157.0	3200	1

Code	No.	%	L ₁	L ₂	/	l
6342120	42 3/64AF	3/64	41.0	13.0	2	10
6342040	42 1/16AF	1/16	46.5	15.5	1	10
6340340	42 2 (5/64AF)	5/64	52.0	18.0	2	10
6344330	42 3/32AF	3/32	56.5	20.5	3	10
6344410	42 1/8AF	1/8	60.0	23.0	5	10
6344680	42 5/32AF	5/32	67.0	26.0	9	10
6344760	42 3/16AF	3/16	73.0	30.0	14	10
6344840	42 7/32AF (5,5MM)	7/32	82.0	32.0	21	10
6344920	42 1/4AF	1/4	92.0	36.5	31	10
6345060	42 5/16AF	5/16	102.0	43.0	54	10
6345140	42 3/8AF	3/8	115.0	49.0	87	10
6345220	42 1/2AF	1/2	142.0	61.0	193	10
6345300	42 9/16AF	9/16	154.0	66.0	270	10
6345490	42 5/8AF	5/8	168.0	76.0	350	5
6345570	42 3/4AF	3/4	199.0	89.0	580	5



42 EL

HEXAGON SOCKET KEY for in-hex screws, extra long
 T Acc. to DIN ISO 2936 (only metric sizes)
 T Zinc-plated up to size 12 mm, chrome-plated up from size 14 mm

5



Code	No.	\$	L ₁	L ₂	/	l
6350810	42 EL 2 (5/64AF)	2.0	102.0	18.0	3	10
6351030	42 EL 2,5	2.5	114.5	20.5	5	10
6351110	42 EL 3	3.0	129.0	23.0	9	10
6351380	42 EL 4	4.0	144.0	29.0	18	10
6351460	42 EL 5	5.0	165.0	33.0	31	10
6351540	42 EL 6	6.0	186.0	38.0	51	10
6351620	42 EL 8	8.0	208.0	44.0	100	10
6351700	42 EL 10	10.0	234.0	50.0	170	10
6351890	42 EL 12	12.0	262.0	57.0	280	10
6351970	42 EL 14	14.0	294.0	70.0	440	10

Code	No.	%	L ₁	L ₂	/	l
1543377	42 EL 3/32AF	3/32	114.5	20.5	3	10
1543318	42 EL 1/8AF	1/8	129.0	23.0	9	10
1543326	42 EL 5/32AF	5/32	144.0	29.0	14	10
1543334	42 EL 3/16AF	3/16	165.0	33.0	26	10
1543342	42 EL 7/32AF (5,5MM)	7/32	186.0	38.0	45	10
1543369	42 EL 1/4AF	1/4	197.0	41.0	49	10
1543350	42 EL 5/16AF	5/16	208.0	44.0	95	10
1543385	42 EL 3/8AF	3/8	234.0	50.0	155	10
1543393	42 EL 1/2AF	1/2	277.0	63.0	323	10
1543407	42 EL 9/16AF	9/16	294.0	70.0	455	10

42 KEL

HEXAGON SOCKET KEY with ball end, for in-hex screws, extra long
 T Chrome-plated

5



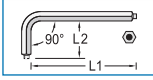
Code	No.	\$	L ₁	L ₂	/	l
1563556	42 KEL 1,5	1.5	91.5	15.5	2	10
6370090	42 KEL 2	2.0	102.0	18.0	3	10
6370170	42 KEL 2,5	2.5	114.5	20.5	5	10
6370250	42 KEL 3	3.0	129.0	23.0	8	10
6370330	42 KEL 4	4.0	144.0	29.0	20	10
6370410	42 KEL 5	5.0	165.0	33.0	30	10
6370680	42 KEL 6	6.0	186.0	38.0	50	10
1729241	42 KEL 7	7.0	197.0	41.0	72	10
6370760	42 KEL 8	8.0	208.0	44.0	100	10
6370840	42 KEL 10	10.0	234.0	50.0	180	10
6370920	42 KEL 12	12.0	262.0	57.0	290	10



42 Z

HEXAGON SOCKET KEY with pilot, for in-hex screws
 T To DIN 6911
 T * not standardised

6



Code	No.	*	\$	L ₁	L ₂	/	€
6342980	42 Z 3		3	63	20	5	5
6343010	42 Z 4		4	70	25	10	5
6343280	42 Z 5		5	80	28	30	5
6343360	42 Z 6		6	90	32	15	5
6343440	42 Z 7	*	7	95	34	45	5
6343520	42 Z 8		8	100	36	60	5
6343600	42 Z 10		10	112	40	105	5
6343790	42 Z 12		12	125	45	160	5
6343870	42 Z 14		14	140	56	260	5
6343950	42 Z 17		17	160	63	430	1
6344090	42 Z 19		19	180	70	620	1

42

HEXAGON SOCKET KEY SET for in-hex screws
 T In blue PVC wallet
 T Zinc-plated

5

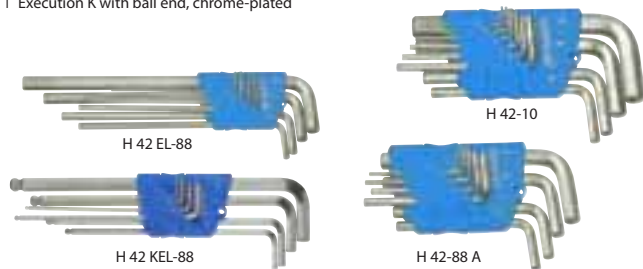


Code	No.	/	€
6347510	42-07 2 2,5 3 4 5 6 8	135	1
6349050	42-70 2,5 3 4 5 6 8 10	230	1
6347780	42-08 3 4 5 6 8 10 12 14	380	1
6347860	42-09 2 2,5 3 4 5 6 7 8 10	270	1
6348750	42-07 A 5/64 3/32 1/8 5/32 3/16 7/32 1/4"	93	1
6348830	42-08 A 1/8 5/32 3/16 1/4 5/16 3/8 1/2 9/16"	690	1
6348910	42-09 A 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 3/8"	230	1

H 42 - H 42 EL

HEXAGON SOCKET KEY SET for in-hex screws
 T In blue plastic holder (LPDE)
 T Zinc-plated
 T Execution K with ball end, chrome-plated

5



Code	No.	/	€
1505408	H 42-10 1,3 1,5 2 2,5 3 4 5 6 8 10	254	1
1505424	H 42-88 A 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16"	141	1
1505416	H 42 EL-88 2 2,5 3 4 5 6 8 10	420	1
1543555	H 42 EL-88 A 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16"	297	1
1523988	H 42 KEL-88 2 2,5 3 4 5 6 8 10	410	1

PH 42-88

HEXAGON SOCKET KEY SET for in-hex screws
 T In blue plastic holder
 T Zinc-plated

5



Code	No.	/	€
6352000	PH 42-88 2 2,5 3 4 5 6 8 10	245	1

S 42

HEXAGON SOCKET KEY SET for in-hex screws
 T On key ring with quick release
 T Zinc-plated

5



Code	No.	/	€
6347430	S 42-07 2 2,5 3 4 5 6 8	144	1
6348160	S 42-09 A 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 3/8"	250	1

SCL 42

HEXAGON SOCKET KEY SET for in-hex screws
 T In robust metal clip
 T Execution K with ball end
 T Zinc-plated

5

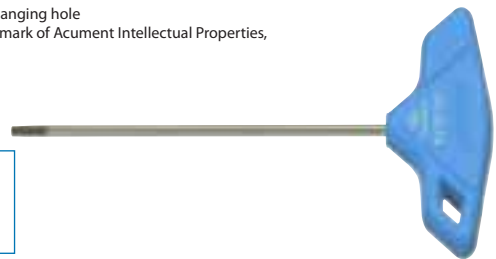
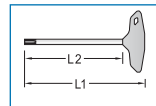


Code	No.	/	€
6347350	SCL 42-70 2,5 3 4 5 6 8 10	350	1
6354800	SCL 42-90 A 5/64 3/32 7/64 1/8 9/64 5/32 3/16 7/32 1/4"	240	1
6371140	SCL 42 K-70 2,5 3 4 5 6 8 10	320	1

42 TX

SCREWDRIVER WITH T-HANDLE for recessed TORX® screws
 T Blue handle with hanging hole
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

7



Code	No.	+	&	L ₁	L ₂	/	€
1531328	42 TX T5	M1,8	1.42	107.0	87	30	10
1531336	42 TX T6	M2	1.70	107.0	87	30	10
1531344	42 TX T7	M2,5	1.99	107.0	87	30	10
1531352	42 TX T8	M2,5	2.31	119.5	87	30	10
6361180	42 TX T9	M3	2.50	139.5	107	30	10
6362070	42 TX T10	M3 - M3,5	2.74	139.5	107	30	10
6362820	42 TX T15	M3,5 - M4	3.27	159.5	127	31	10
6362900	42 TX T20	M4 - M5	3.86	173.5	141	33	10
6365330	42 TX T25	M4,5 - M5	4.43	180.0	141	50	10
6365410	42 TX T27	M4,5 - M6	4.99	200.0	161	53	10
6365680	42 TX T30	M6 - M7	5.52	200.0	161	61	10
6365760	42 TX T40	M7 - M8	6.65	220.0	181	71	5
6365840	42 TX T45	M8 - M10	7.82	231.0	192	142	5
6365920	42 TX T50	M10	8.83	246.0	207	165	5



43 TX

CRANKED SOCKET SCREWDRIVER for recessed TORX® screws
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

7



Code	No.	+	&	L ₁	L ₂	/	l
6363550	43 TX T6	M2	1.69	42	16	2	5
6363630	43 TX T7	M2,5	1.99	48	16	3	5
6363710	43 TX T8	M2,5	2.31	48	16	3	5
6363980	43 TX T9	M3	2.50	48	16	3	5
6364010	43 TX T10	M3 - M3,5	2.74	51	17	3	5
6364280	43 TX T15	M3,5 - M4	3.27	54	18	5	5
6364360	43 TX T20	M4 - M5	3.86	57	19	7	5
6364440	43 TX T25	M4,5 - M5	4.43	60	20	10	5
6364520	43 TX T27	M4,5 - M6	4.99	64	21	15	5
6364600	43 TX T30	M6 - M7	5.52	70	24	20	5
6364790	43 TX T40	M7 - M8	6.65	76	26	30	5
6364870	43 TX T45	M8 - M10	7.82	83	29	40	5
6364950	43 TX T50	M10	8.83	95	32	60	5
6365090	43 TX T55	M12	11.22	108	35	120	1
6365170	43 TX T60	M14	13.25	120	38	180	1

43 KTX

CRANKED SOCKET SCREWDRIVER with ball end for recessed TORX® screws
 T Working angle approx. 25°
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

7

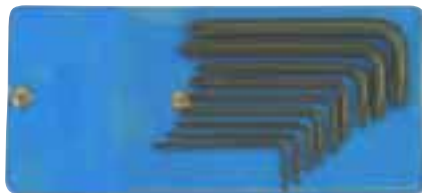


Code	No.	+	&	L ₁	L ₂	/	l
6367110	43 KTX T10	M3 - M3,5	2.74	73	17	4	5
6367380	43 KTX T15	M3,5 - M4	3.27	83	17	15	5
6367460	43 KTX T20	M4 - M5	3.86	94	18	7	5
6367540	43 KTX T25	M4,5 - M5	4.43	96	18	10	5
6367620	43 KTX T27	M4,5 - M6	4.99	106	20	15	5
6367700	43 KTX T30	M6 - M7	5.52	119	24	20	5
6367890	43 KTX T40	M7 - M8	6.65	132	26	30	5

43 TX-09

CRANKED SOCKET SCREWDRIVER SET for recessed TORX® screws
 T In blue PVC wallet
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

7

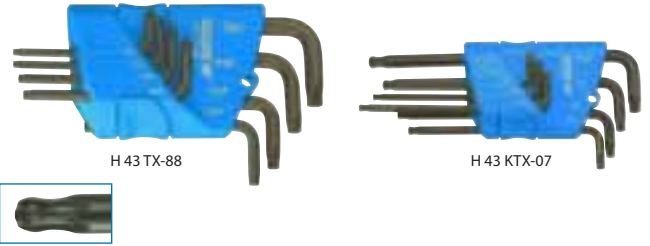


Code	No.	/	l
6360960	43 TX-09	90	1
T7 T8 T9 T10 T15 T20 T25 T30 T40			

H 43 TX

CRANKED SOCKET SCREWDRIVER SET for recessed TORX® screws
 T In blue LDPE holder
 T Execution K with ball end
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

7

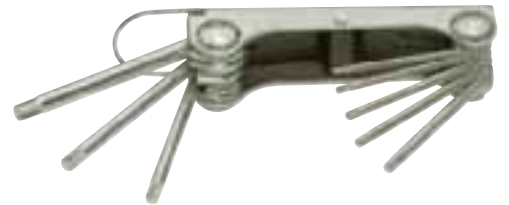


Code	No.	/	l
1531417	H 43 TX-09	109	1
T7 T8 T9 T10 T15 T20 T25 T30 T40			
1531425	H 43 TX-88	118	1
T9 T10 T15 T20 T25 T27 T30 T40			
1531433	H 43 TX-08	155	1
T10 T15 T20 T25 T27 T30 T40 T45			
1531441	H 43 KTX-07	115	1
T10 T15 T20 T25 T27 T30 T40			

SCL 43 TX-80

CRANKED SOCKET SCREWDRIVER for recessed TORX® screws
 T In robust metal clip
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

7



Code	No.	/	l
6346460	SCL 43 TX-80	250	1
T9 T10 T15 T20 T25 T27 T30 T40			

DT 43 KTX

CRANKED SOCKET SCREWDRIVER WITH T-HANDLE with ball end for recessed TORX® screws

7

T Working angle approx. 25°
 T Blue handle with hanging hole
 T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	+	&	L ₁	L ₂	L ₃	/	l	
1505521	DT 43 KTX T10	T10	M3 - M3,5	2.74	150.0	130	12.0	35	1
1505548	DT 43 KTX T15	T15	M3,5 - M4	3.27	170.0	150	12.0	40	1
1505556	DT 43 KTX T20	T20	M4 - M5	3.86	202.5	170	15.5	57	1
1505564	DT 43 KTX T25	T25	M4,5 - M5	4.43	222.5	190	17.5	80	1
1505572	DT 43 KTX T27	T27	M4,5 - M6	4.99	242.5	210	20.0	120	1
1505580	DT 43 KTX T30	T30	M6 - M7	5.52	279.0	240	28.0	155	1
1505599	DT 43 KTX T40	T40	M7 - M8	6.65	309.0	270	28.0	245	1



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708

TORX® GAUGE

T Easy determination of TORX® sizes, internal E4-E16, external T10-T60
T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

9
7

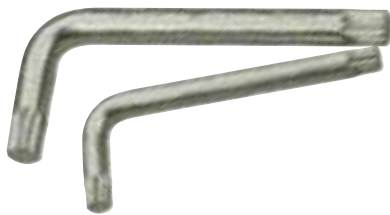
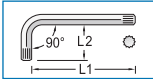


Code	No.	/	I
1394428	708	21	1
9 E4 - E16 7 T10 - T60			

42 X

CRANKED ALLEN SOCKET SCREWDRIVER for multi-point screws INBUS®XZN

T To DIN 65253, tips DIN 2325

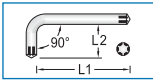


Code	No.	+	L ₁	L ₂	/	I
1531212	42 X 4	M 4	63	20	25	5
6350060	42 X 5	M 5	75	30	15	5
6350140	42 X 6	M 6	86	34	25	5
6350220	42 X 8	M 8	98	40	40	5
6350300	42 X 10	M 10	110	46	90	5
6350490	42 X 12	M 12	124	52	140	5
6350570	42 X 14	M 14	139	59	200	5
6350650	42 X 16	M 16	156	72	320	5
6350730	42 X 18	M 18	178	81	370	1

43

CRANKED SOCKET SCREWDRIVER for multi-spline screws RIBE®

T RIBE® = reg. trademark of Rich. Bergner



Code	No.	+	L ₁	L ₂	/	I
6352270	43 5	M 5	71	25	15	5
6352350	43 6	M 6	80	28	25	5
6352430	43 8	M 8	90	32	50	5
6352510	43 10	M 10	100	36	85	5
6352780	43 12	M 12	112	40	140	5
6352860	43 14	M 14	125	45	215	5



173

CRANKED SCREWDRIVER for slotted head screws

T To DIN 5200, blade tips DIN ISO 2380-1

?



Code	No.	K	L	N	/	I
6437180	173 3,5	3.5	0.6	90	12	5
6437850	173 4	4.0	0.8	100	20	10
6436100	173 5,5	5.5	1.0	125	20	10
6436370	173 8	8.0	1.2	150	50	10
6437930	173 10	10.0	1.6	175	105	5
6436530	173 12	12.0	2.0	200	175	5



174

CRANKED SCREWDRIVER for cross-slotted head screws PH

T To DIN 5208, tips to DIN ISO 8764-1 PH

;



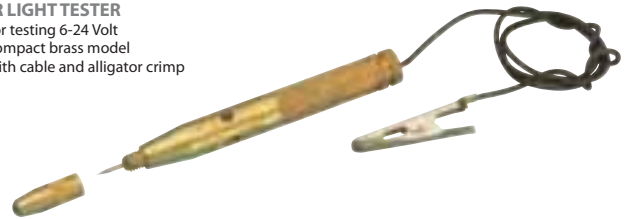
Code	No.	PH	+	N	/	I
6436880	174 1	1-2	M2 - M5	100	30	10
6436960	174 3	3-4	M6 - M10	200	110	5

VOLTAGE TESTER

4610

CAR LIGHT TESTER

T For testing 6-24 Volt
T Compact brass model
T With cable and alligator crimp



Code	No.	N	/	I
6698570	4610	125	80	10

4611

VOLTAGE TESTER

T For 6-24 Volt
T With cable and alligator crimp

?



Code	No.	K	M	N	/	I
6698650	4611	3	55	115	27	10

4615

VOLTAGE TESTER

T For 220-250 Volt AC
T Blade nickel-plated, fully insulated blade conforming to DIN VDE 0680-6
T Handle and insulation in GEDORE blue
T 4615 3 with metal clip and grey cap

O
?
S
i



Code	No.	L	K	M	N	/	I
6699110	4615 3	0.5	3.0	60	140	16	10
6699380	4615 3,5	0.6	3.5	90	180	26	10



GEDORE

STRONG AND TIGHT

OVERVIEW

- T Combination pliers
- T Side cutters
- T Circclip pliers
- T Electronic pliers
- T Long-nose pliers
- T Mechanics pliers
- T Lock-grip pliers
- T Crimping pliers
- T Bolt cutters
- T Wire-stripping pliers



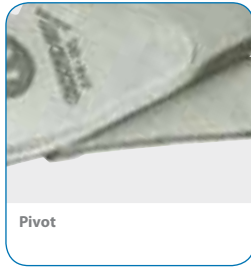




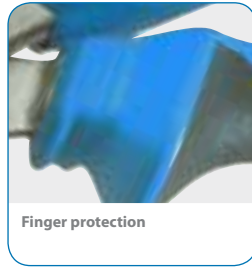
POWER PLIERS New Look, New Technical Features, New Safety Features



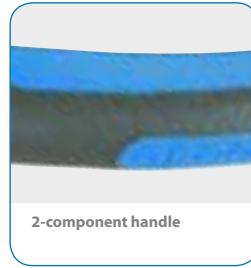
Precision cutting



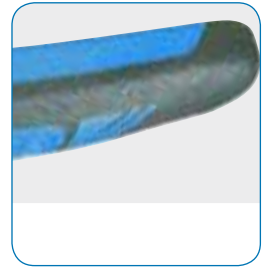
Pivot



Finger protection



2-component handle



1 Extremely strong cutting performance resulting from supplementary GEDORE induction hardening, suitable for heavy industrial use.



2 Optimum application of force transmitted from ergonomically formed grip sleeves.

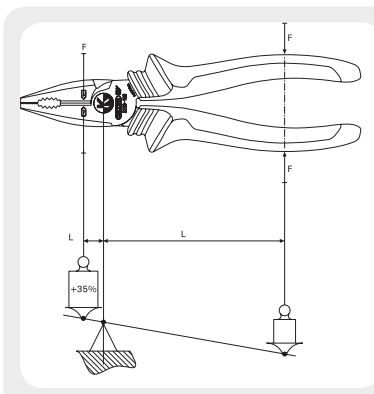
3 2-component handles for comfort grip, eliminating fatigue over prolonged periods of use.

4 Trapezoidal finger protection stops hands slipping, ensuring maximum safety.

5 Hot-forged, hardened and tempered steel.

Technical features



Force equation

$$\Sigma M (\text{rivet}) = 0 = F(\text{hand}) \times L(\text{hand}) = F(\text{cutting edges}) \times L(\text{optimum cutting edge distance})$$

The eccentric pivot point ensures that the hand torque (force x path) applied over the rivet (fulcrum) is effectively and positively translated into cutting force.

$$F(\text{cutting edges}) = \frac{F(\text{hand}) \times L(\text{hand})}{L(\text{optimum cutting edge distance})}$$

The greatly improved effective length of this design achieves increased cutting force. Optimised lever ratios bring a 35% reduction in the effort required.

Working principle POWER PLIERS



POWER PLIERS

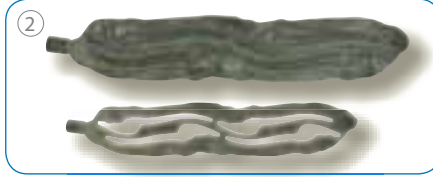
"K" identifies the GEDORE Power Pliers range, offering increased cutting and gripping force with up to 35% less effort.



MANUFACTURING PROCESS FOR 8250 COMBINATION PLIERS



Blank cropped to size from C50 hardened and tempered steel.



Hot forged in the double forging die. The excess burr is removed under an eccentric press



The blanks are "normalised" to obtain an even finer-grain, more uniform structure with optimum strength. After descaling, the blanks are calibrated for the following work steps.



The head is machined in a CNC-controlled machining centre. The rivet hole is drilled and counter-bored. The joint clearance and the outer contour are milled. The geometry of the joint area and the coarse and fine toothing are broached.



The joint faces are precision milled. The pliers head takes on its final form.



The moving and fixed pliers legs are riveted together. A smooth-moving joint with no play is the essential requirement for safe one-handed operation.



In a chamber hardening kiln, the pliers are hardened in a protective gas atmosphere, quenched in oil and finally annealed. The design of the hardening kiln ensures that the process gases are uniformly distributed, which has a positive effect on the desired material properties.



The cutting edges of GEDORE pliers are once again induction hardened. The additional hardness that this achieves ensures a good cutting performance and a long life between sharpening.



The pliers head is ground to achieve a flush geometry.



The surface is cleaned by sand blasting. The removal of scale and grease is necessary for the follow-on electroplating process.



Nickel-plated and matt-chrome-plated to prevent dazzle. The electrolytically deposited nickel coating provides the corrosion protection. The electroplated chrome improves the look and gives the pliers a perfect finish.



TL pliers are painted black by a robot, using water soluble paint.



The 2-component handles are pressed on and bonded.



The plastic coating on the handles is built up by multiple dipping in liquid immersion compound.

Tip: An occasional drop of oil on the joint will ensure that your pliers have a long life. VDE pliers are subjected to an individual test in accordance with DIN EN 60900 / IEC 60900:2004. GEDORE Austria has been a certified manufacturing plant for VDE protective insulated pliers since 2003.





PLIERS RANGE

- T Produced in-house by GEDORE Austria
- T Combination, flat-nosed, round-nosed and mechanics pliers made from GEDORE special hardened and tempered steel
- T Side cutters and end cutting nippers made from GEDORE high-performance hardened and tempered steel
- T TL = black, with blue dipped handle protectors
- T JC = chrome-plated, 2-component handles with secure-grip hand protection
- T **SB = self-service pack = plastic hanging clip, Euro perforation, for self-service display wallboard**
- T Hot-forged tempered steel
- T Precision machined, oil-hardened and annealed
- T Induction-rehardened cutting edges
- T Protective nickel and chrome plating
- T Optimum transfer of force
- T High cutting performance
- T Fatigue-free, even in constant use
- T Guaranteed GEDORE quality



GEDORE PLIERS RANGE

S 8003 JC

PLIERS SET 3 pieces

T Practical set composition in environmentally-friendly cardboard box



Code	No.	Contents	/	l
6701110	S 8003 JC	8132-160 JC 8250-180 JC 8316-160 JC	720	1

S 8003 TL

PLIERS SET 3 pieces

T Practical set composition in environmentally-friendly cardboard box



Code	No.	Contents	/	l
6755470	S 8003 TL	8132-160 TL 8250-180 TL 8316-160 TL	660	1

S 8303 JC

PLIERS SET 3 pieces

T Practical set composition in environmentally-friendly cardboard box



Code	No.	Contents	/	l
6703160	S 8303 JC	142 10 JC 8250-180 JC 8316-160 JC	1070	1

S 8303 TL

PLIERS SET 3 pieces

T Practical set composition in environmentally-friendly cardboard box



Code	No.	Contents	/	l
6703910	S 8303 TL	142 10 TL 8250-180 TL 8316-160 TL	970	1

S 8004 TL

PLIERS SET 3 pieces

T Practical set composition in environmentally-friendly cardboard box



Code	No.	Contents	/	€
6752960	S 8004 TL	8132-160 TL 8245-180 TL 8316-160 TL	600	1

S 8200 JC

PLIERS SET 4 pieces

T Practical set composition in environmentally-friendly cardboard box



Code	No.	Contents	/	l
6730800	S 8200 JC	8098-160 JC 8132-160 JC 8250-180 JC 8314-160 JC	750	1

S 8200 TL

PLIERS SET 4 pieces

T Practical set composition in environmentally-friendly cardboard box



Code	No.	Contents	/	l
6738700	S 8200 TL	8098-160 TL 8132-160 TL 8250-180 TL 8314-160 TL	770	1





VS 8001 JC

UNIVERSAL PLIERS ASSORTMENT 48 pieces

- T Most-used sizes for shop counter or perforated wallboard display
- T In sales stand



Code	No.	Contents	Ø	l
6751480	VS 8001 JC	6x 8132 -160 JC 6x 8132 -200 JC 6x 8132 AB -200 JC 6x 8098 -160 JC 6x 8250 -180 JC 6x 8250 -200 JC 6x 8316 -160 JC 6x 8316 -200 JC	14.0	1

VS 8002 TL

UNIVERSAL PLIERS ASSORTMENT 48 pieces

- T Most-used sizes for shop counter or perforated wallboard display
- T In sales stand



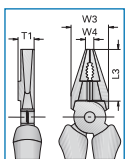
Code	No.	Contents	Ø	l
6751720	VS 8002 TL	6x 8132 -160 TL 6x 8132 -200 TL 6x 8132 AB -200 TL 6x 8098 -160 TL 6x 8250 -180 TL 6x 8250 -200 TL 6x 8316 -160 TL 6x 8316 -200 TL	14.0	1

COMBINATION PLIERS

8200

SMALL COMBINATION PLIERS

- T Practical small combination pliers especially for confined spaces or as car-boot tool
- T For flat and round material
- T Similar to DIN ISO 5746



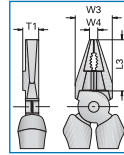
Code	No.	L	L ₁	W ₁	W ₂	T ₁	/	l
6730480	8200-125 JCP	125	25	16	3.2	7.6	80	1

Code	No.	L	L ₁	W ₁	W ₂	T ₁	/	l
1700405	SB 8200-125 JCP	125	25	16	3.2	7.6	90	1

8210

COMBINATION PLIERS German pattern

- T Lay-on cutter box
- T Induction-hardened precision cutting edges, hardness 62-64 HRC
- T For medium-hard and hard wire
- T To DIN ISO 5746



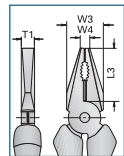
Code	No.	L	L ₁	W ₁	W ₂	T ₁	/	l
6731100	8210-160 JC	160	34	23.0	5.8	10.8	200	5
6711340	8210-160 TL	160	34	23.0	5.8	10.8	200	5
6731530	8210-180 JC	180	38	27.0	6.4	11.8	250	5
6711420	8210-180 TL	180	38	27.0	6.4	11.8	240	5
6732180	8210-200 JC	200	42	29.5	7.4	12.5	320	5
6711850	8210-200 TL	200	42	29.5	7.4	12.5	320	5

Code	No.	L	L ₁	W ₁	W ₂	T ₁	/	l
1698664	SB 8210-160 JC	160	34	23.0	5.8	10.8	210	5
1698699	SB 8210-160 TL	160	34	23.0	5.8	10.8	210	5
1698672	SB 8210-180 JC	180	38	27.0	6.4	11.8	260	5
1698702	SB 8210-180 TL	180	38	27.0	6.4	11.8	250	5
1698680	SB 8210-200 JC	200	42	29.5	7.4	12.5	330	5
1698710	SB 8210-200 TL	200	42	29.5	7.4	12.5	330	5

8245

COMBINATION PLIERS Euro pattern

- T Universal model with slimline head
- T Induction-hardened precision cutting edges, hardness 62-64 HRC
- T For medium-hard and hard wire
- T To DIN ISO 5746



Code	No.	L	L ₁	W ₁	W ₂	T ₁	/	l
6733070	8245-160 JC	160	34	23.0	5.8	8.8	191	5
6730050	8245-160 TL	160	34	23.0	5.8	8.8	162	5
6733150	8245-180 JC	180	38	27.0	6.4	9.8	260	5
6730210	8245-180 TL	180	38	27.0	6.4	9.8	230	5
6733230	8245-200 JC	200	42	29.5	7.4	10.5	350	5
6730720	8245-200 TL	200	42	29.5	7.4	10.5	280	5

Code	No.	L	L ₁	W ₁	W ₂	T ₁	/	l
1698753	SB 8245-160 JC	160	34	23.0	5.8	8.8	201	5
1698729	SB 8245-160 TL	160	34	23.0	5.8	8.8	172	5
1698761	SB 8245-180 JC	180	38	27.0	6.4	9.8	270	5
1698737	SB 8245-180 TL	180	38	27.0	6.4	9.8	240	5
1698788	SB 8245-200 JC	200	42	29.5	7.4	10.5	360	5
1698745	SB 8245-200 TL	200	42	29.5	7.4	10.5	290	5

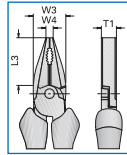




8250

POWER COMBINATION PLIERS

- T For heavy, continuous use
- T Good lever action for easy cutting
- T Induction-hardened precision cutting edges, hardness 62-64 HRC
- T To cut all wire types including piano wire
- T To DIN ISO 5746



Code	No.	L	L ₁	W ₃	W ₄	T ₁	/	I
1429566	8250-160 JC	160	35.0	22.8	5.8	10.4	194	5
1429574	8250-160 TL	160	35.0	22.8	5.8	10.4	168	5
6707070	8250-180 JC	180	38.5	25.6	6.5	11.0	240	5
6707660	8250-180 TL	180	38.5	25.6	6.5	11.0	210	5
6707310	8250-200 JC	200	39.5	27.0	6.5	12.4	320	5
6707740	8250-200 TL	200	39.5	27.0	6.5	12.4	270	5
6708040	8250-225 TL	225	42.2	27.7	6.5	13.0	320	1

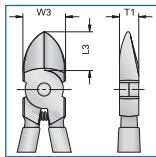
Code	No.	L	L ₁	W ₃	W ₄	T ₁	/	I
1698826	SB 8250-160 JC	160	35.0	22.8	5.8	10.4	204	5
1698834	SB 8250-160 TL	160	35.0	22.8	5.8	10.4	178	5
1698877	SB 8250-180 JC	180	38.5	25.6	6.5	11.0	250	5
1698842	SB 8250-180 TL	180	38.5	25.6	6.5	11.0	220	5
1698885	SB 8250-200 JC	200	39.5	27.0	6.5	12.4	330	5
1698850	SB 8250-200 TL	200	39.5	27.0	6.5	12.4	280	5
1698869	SB 8250-225 TL	225	42.2	27.7	6.5	13.0	330	1

SIDE CUTTERS / END CUTTING NIPPERS

8313

SIDE CUTTER for plastic

- T Without cutting edge bevel, for flush cutting of plastic parts
- T Black, cutting faces flat-ground, with compression spring for automatic opening



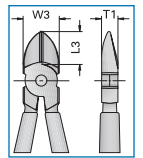
Code	No.	L	L ₁	W ₃	T ₁	/	I
6745910	8313-125 TL	125	16.0	17.0	8.5	95	1
6746050	8313-140 TL	140	18.5	18.5	9.5	119	1
6746130	8313-160 TL	160	19.0	22.0	10.0	163	1

Code	No.	L	L ₁	W ₃	T ₁	/	I
1699741	SB 8313-125 TL	125	16.0	17.0	8.5	105	1
1699768	SB 8313-140 TL	140	18.5	18.5	9.5	129	1
1699776	SB 8313-160 TL	160	19.0	22.0	10.0	173	1

8314

SIDE CUTTER Swedish pattern

- T For medium-hard wire
- T Induction-hardened precision cutting edges, hardness 63-65 HRC
- T To DIN ISO 5749
- T Max. cutting capacity Ø mm

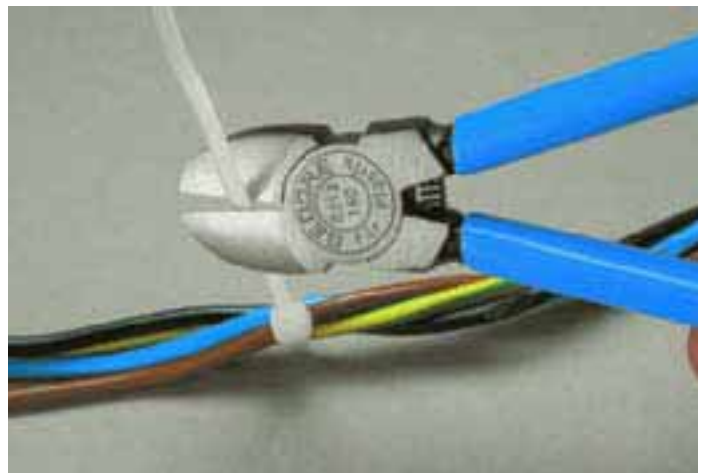


Code	No.	L	L ₁	W ₃	T ₁	Ø mm	/	I
6742300	8314-125 JC	125	16.0	17.0	8.5	1,6	118	5
6740870	8314-125 TL	125	16.0	17.0	8.5	1,6	96	5
6742730	8314-140 JC	140	18.5	18.5	9.5	1,6	152	5
6740950	8314-140 TL	140	18.5	18.5	9.5	1,6	120	5
6743380	8314-160 JC	160	19.0	22.0	10.0	1,6	190	5
6741090	8314-160 TL	160	19.0	22.0	10.0	1,6	165	5

Code	No.	L	L ₁	W ₃	T ₁	Ø mm	/	I
1698923	SB 8314-125 JC	125	16.0	17.0	8.5	1,6	128	5
1698893	SB 8314-125 TL	125	16.0	17.0	8.5	1,6	106	5
1698931	SB 8314-140 JC	140	18.5	18.5	9.5	1,6	162	5
1698907	SB 8314-140 TL	140	18.5	18.5	9.5	1,6	130	5
1698966	SB 8314-160 JC	160	19.0	22.0	10.0	1,6	200	5
1698915	SB 8314-160 TL	160	19.0	22.0	10.0	1,6	175	5

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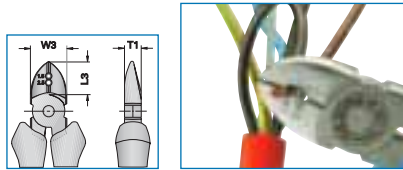


8315

ELECTRICIANS' SIDE CUTTER

- T Double-function electricians' side cutters: for cutting and stripping wire
- T Stripping notches for single and multi-strand wire, 1.5 mm² and 2,5 mm² conductor cross-section
- T Induction-hardened precision cutting edges, hardness 61-63 HRC

P



Code	No.	L	L ₃	W ₃	T ₁	/	I
1396722	8315-160 JC	160	19	22	10	200	1

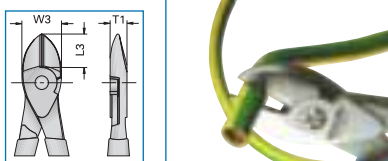
Code	No.	L	L ₃	W ₃	T ₁	/	I
1699202	SB 8315-160 JC	160	19	22	10	210	1

8316

POWER SIDE CUTTER American pattern

- T For hard wire, including piano wire
- T Induction-hardened precision cutting edges, hardness 63-65 HRC
- T To DIN ISO 5749
- T Max. cutting capacity Ø mm

P



Code	No.	L	L ₃	W ₃	T ₁	Ø mm	/	I
6744190	8316-140 JC	140	17.0	22.0	9.5	1,4	152	5
6711930	8316-140 TL	140	17.0	22.0	9.5	1,4	132	5
6744510	8316-160 JC	160	19.0	24.5	10.0	1,6	210	5
6712070	8316-160 TL	160	19.0	24.5	10.0	1,6	185	5
1439588	8316-180 JC	180	22.6	26.0	11.0	1,8	230	5
1439596	8316-180 TL	180	22.6	26.0	11.0	1,8	210	5
6745080	8316-200 JC	200	22.0	28.0	11.0	2,0	305	5
6712150	8316-200 TL	200	22.0	28.0	11.0	2,0	250	5

Code	No.	L	L ₃	W ₃	T ₁	Ø mm	/	I
1699024	SB 8316-140 JC	140	17.0	22.0	9.5	1,4	162	5
1698974	SB 8316-140 TL	140	17.0	22.0	9.5	1,4	142	5
1699032	SB 8316-160 JC	160	19.0	24.5	10.0	1,6	220	5
1698990	SB 8316-160 TL	160	19.0	24.5	10.0	1,6	195	5
1699040	SB 8316-180 JC	180	22.6	26.0	11.0	1,8	240	5
1699008	SB 8316-180 TL	180	22.6	26.0	11.0	1,8	220	5
1699059	SB 8316-200 JC	200	22.0	28.0	11.0	2,0	315	5
1699016	SB 8316-200 TL	200	22.0	28.0	11.0	2,0	260	5



8318

LEVER-ACTION SIDE CUTTER

- T For hard wire
- T Double-jointed for maximum cutting performance
- T Head and joint made from special steel, head gun-metal finished
- T Handles chrome-plated and PVC coated

P



Code	No.	Ø mm	y	z	/	I
6745590	8318-160 TL	1,6	160	6.1/2	190	1

Code	No.	Ø mm	y	z	/	I
1700553	SB 8318-160 TL	1,6	160	6.1/2	200	1

8330

LEVER-ACTION SIDE CUTTER

- T For hard wire
- T C65 tool steel, fully forged
- T Blue hammer-enamel finish
- T To DIN ISO 5749
- T * not standardised



Code	No.	*	Ø mm	y	z	/	I
6747370	8330-180	*	2,5	198	7	410	1
6747450	8330-225		2,5	225	8.3/4	540	1

8370

LEVER-ACTION END CUTTING NIPPER

- T For hard wire
- T C65 tool steel, fully forged
- T Blue hammer-enamel finish
- T To DIN ISO 5748
- T * not standardised



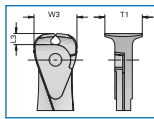
Code	No.	*	Ø mm	y	z	/	I
6750830	8370-180		2,0	180	7	460	1
6751050	8370-210		2,0	210	8.1/2	610	1
6751210	8370-235	*	2,5	235	9.1/4	755	1



8367

END NIPPER POWER

- T For hard wire, including piano wire
- T Induction-hardened precision cutting edges, hardness 63-65 HRC
- T To DIN ISO 5748



Code	No.	L	L ₃	W ₃	T ₁	Ø mm	/	l
6749150	8367-160 JC	160	6.9	27	23.5	1,6	220	5
6712230	8367-160 TL	160	6.9	27	23.5	1,6	198	5

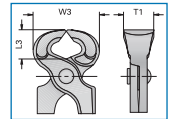
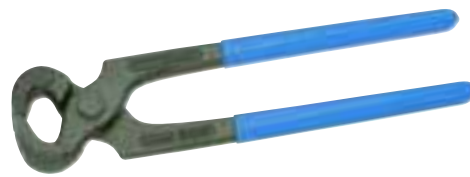
Code	No.	L	L ₃	W ₃	T ₁	Ø mm	/	l
1699814	SB 8367-160 JC	160	6.9	27	23.5	1,6	230	5
1699806	SB 8367-160 TL	160	6.9	27	23.5	1,6	208	5



8381

PINCER

- T Standard heavy-duty pincers
- T To DIN ISO 9243, Form A
- T Induction-hardened precision cutting edges, hardness 61-63 HRC
- T Heads ground, black with blue dipped handle protectors



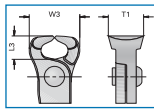
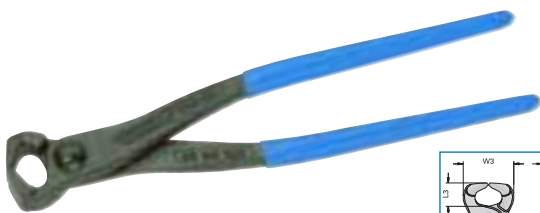
Code	No.	L	L ₃	W ₃	T ₁	/	l
6752370	8381-160 TL	160	21.0	48	20	225	1
6751800	8381-180 TL	180	21.0	50	23	340	1
6751990	8381-200 TL	200	23.5	55	26	410	1
6752450	8381-225 TL	225	23.5	55	25	450	1
6752530	8381-250 TL	250	23.5	58	27	525	1

Code	No.	L	L ₃	W ₃	T ₁	/	l
1699210	SB 8381-160 TL	160	21.0	48	20	235	1
1699261	SB 8381-180 TL	180	21.0	50	23	350	1
1699229	SB 8381-200 TL	200	23.5	55	26	420	1
1699326	SB 8381-225 TL	225	23.5	55	25	460	1
1699504	SB 8381-250 TL	250	23.5	58	27	535	1

8380

TOWER PINCER

- T Heavy-duty wire braid and mesh-cutting pincers
- T To DIN ISO 9242, Form A
- T Induction-hardened precision cutting edges, hardness 61-63 HRC
- T Heads ground, black with blue dipped handle protectors
- T Geometrically optimised head and handle areas for ergonomic use



Code	No.	L	L ₃	W ₃	T ₁	/	l
6752020	8380-225 TL	225	16	31	22	315	1
6752100	8380-250 TL	250	16	35	25	410	1
6752290	8380-280 TL	280	16	35	25	450	1

Code	No.	L	L ₃	W ₃	T ₁	/	l
1699334	SB 8380-225 TL	225	16	31	22	325	1
1699784	SB 8380-250 TL	250	16	35	25	420	1
1699792	SB 8380-280 TL	280	16	35	25	460	1

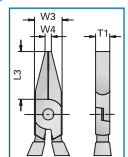
FLAT NOSE / ROUND NOSE PLIERS

8110

FLAT NOSE PLIERS without wire cutter, serrated

- T Short jaws, serrated gripping faces
- T DIN ISO 5745

R



Code	No.	L	L ₃	W ₃	W ₄	T ₁	/	l
6711690	8110-140 JC	140	28.5	16.5	3.6	8.5	127	1
6711500	8110-140 TL	140	28.5	16.5	3.6	8.5	104	1

Code	No.	L	L ₃	W ₃	W ₄	T ₁	/	l
1699547	SB 8110-140 JC	140	28.5	16.5	3.6	8.5	137	1
1699539	SB 8110-140 TL	140	28.5	16.5	3.6	8.5	114	1

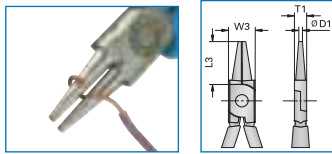
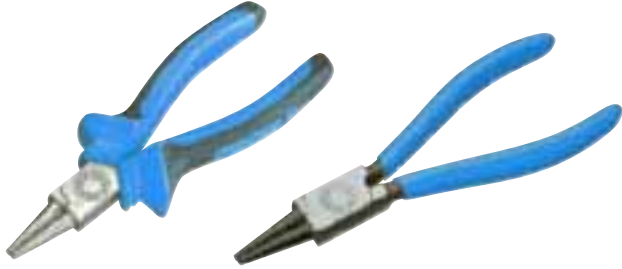




8112

ROUND NOSE PLIERS serrated
 T Short jaws, serrated gripping faces
 T Similar to DIN ISO 5745

S



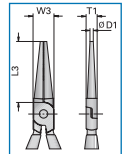
Code	No.	L	L ₃	W ₃	D ₁	T ₁	/	I
6713390	8112-140 JC	140	29.0	17.0	2.5	8.5	117	1
6713200	8112-140 TL	140	28.5	16.5	2.5	8.5	92	1

Code	No.	L	L ₃	W ₃	D ₁	T ₁	/	I
1699598	SB 8112-140 JC	140	29.0	17.0	2.5	8.5	127	1
1699571	SB 8112-140 TL	140	28.5	16.5	2.5	8.5	102	1

8122

ROUND NOSE PLIERS serrated
 T Long jaws, serrated gripping faces
 T DIN ISO 5745

S



Code	No.	L	L ₃	W ₃	D ₁	T ₁	/	I
6716490	8122-140 JC	140	40	15.5	2.3	8.2	111	1
6710450	8122-140 TL	140	40	15.5	2.3	8.2	91	1
6716810	8122-160 JC	160	48	16.5	2.5	8.7	125	5
6710530	8122-160 TL	160	48	16.5	2.5	8.7	112	5

Code	No.	L	L ₃	W ₃	D ₁	T ₁	/	I
1699636	SB 8122-140 JC	140	40	15.5	2.3	8.2	121	1
1699601	SB 8122-140 TL	140	40	15.5	2.3	8.2	101	1
1699644	SB 8122-160 JC	160	48	16.5	2.5	8.7	135	5
1699628	SB 8122-160 TL	160	48	16.5	2.5	8.7	122	5

Detailed information on products, promotions and trade fairs

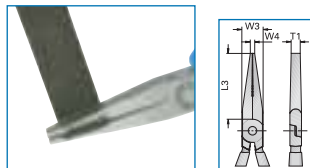


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8120

FLAT NOSE PLIERS without wire cutter, serrated
 T Long jaws, serrated gripping faces
 T DIN ISO 5745

R



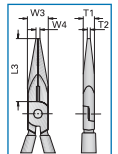
Code	No.	L	L ₃	W ₃	W ₄	T ₁	/	I
6715170	8120-160 JC	160	51	16.5	3.4	9	140	5
6710370	8120-160 TL	160	51	16.5	3.4	9	121	5

Code	No.	L	L ₃	W ₃	W ₄	T ₁	/	I
1699563	SB 8120-160 JC	160	51	16.5	3.4	9	150	5
1699555	SB 8120-160 TL	160	51	16.5	3.4	9	131	5

8132

NEEDLE NOSE PLIERS with wire cutter, serrated, straight pattern
 T Flat-round jaws, straight gripping faces, serrated
 T To DIN ISO 5745
 T Induction-hardened precision cutting edges, hardness 61-63 HRC

T



Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
6718860	8132-140 JC	140	42.0	15.0	2.5	7.8	2.0	118	5
6710610	8132-140 TL	140	42.0	15.0	2.5	7.8	2.0	103	5
6719240	8132-160 JC	160	50.0	16.5	3.2	9.0	2.5	140	5
6710880	8132-160 TL	160	50.0	16.5	3.2	9.0	2.5	120	5
6719670	8132-200 JC	200	75.7	18.5	3.7	9.5	2.8	200	5
6710960	8132-200 TL	200	75.7	18.5	3.7	9.5	2.8	175	5

Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
1699083	SB 8132-140 JC	140	42.0	15.0	2.5	7.8	2.0	128	5
1699652	SB 8132-140 TL	140	42.0	15.0	2.5	7.8	2.0	113	5
1699091	SB 8132-160 JC	160	50.0	16.5	3.2	9.0	2.5	150	5
1699067	SB 8132-160 TL	160	50.0	16.5	3.2	9.0	2.5	130	5
1699105	SB 8132-200 JC	200	75.7	18.5	3.7	9.5	2.8	210	5
1699075	SB 8132-200 TL	200	75.7	18.5	3.7	9.5	2.8	185	5

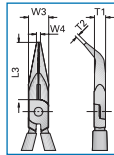


8132 AB

NEEDLE NOSE PLIERS with wire cutter, serrated, angled pattern

- T Flat-round jaws, angled gripping faces, serrated
- T Induction-hardened precision cutting edges, hardness 61-63 HRC
- T Similar to DIN ISO 5745

T



Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
6720920	8132 AB-160 JC	160	46.0	16.5	3.2	9.0	2.5	140	5
6711180	8132 AB-160 TL	160	46.0	16.5	3.2	9.0	2.5	120	5
6721300	8132 AB-200 JC	200	70.5	18.5	3.7	9.5	2.8	200	5
6711260	8132 AB-200 TL	200	70.5	18.5	3.7	9.5	2.8	175	5

Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
1699148	SB 8132 AB-160 JC	160	46.0	16.5	3.2	9.0	2.5	150	5
1699113	SB 8132 AB-160 TL	160	46.0	16.5	3.2	9.0	2.5	130	5
1699156	SB 8132 AB-200 JC	200	70.5	18.5	3.7	9.5	2.8	210	5
1699121	SB 8132 AB-200 TL	200	70.5	18.5	3.7	9.5	2.8	185	5



8133

TRIPLE PLIERS

- T Flat-round jaws, straight gripping faces, serrated
- T With wire cutter
- T For stripping and crimping of 0.5/1.5 and 2.5 mm²

T



Code	No.	y	/	I	G
6722110	8133-180 JC	180	180	5	G
1997394	8133-180 TL	180	160	5	G

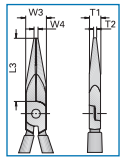
Code	No.	y	/	I	G
1700189	SB 8133-180 JC	180	190	5	G
2011441	SB 8133-180 TL	180	170	5	G

8135

TELEPHONE PLIERS without wire cutter, serrated, straight pattern

- T Flat-round tapered jaws, cross-hatched gripping surfaces and fine-tipped nose
- T DIN ISO 5745, straight pattern

T



Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
6722380	8135-140 JC	140	42	15.0	2.5	7.8	2.0	114	1
6722460	8135-140 TL	140	42	15.0	2.5	7.8	2.0	95	1
6722540	8135-160 JC	160	50	16.5	3.2	9.0	2.5	149	1
6722620	8135-160 TL	160	50	16.5	3.2	9.0	2.5	128	1

Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
1700510	SB 8135-140 JC	140	42	15.0	2.5	7.8	2.0	124	1
1700499	SB 8135-140 TL	140	42	15.0	2.5	7.8	2.0	105	1
1700529	SB 8135-160 JC	160	50	16.5	3.2	9.0	2.5	159	1
1700502	SB 8135-160 TL	160	50	16.5	3.2	9.0	2.5	138	1

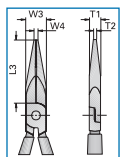
MECHANICS PLIERS

8136

MECHANICS PLIERS without wire cutter, straight pattern

- T Without wire cutter, flat-round tapered jaws, cross-hatched gripping surfaces
- T DIN ISO 5745
- T Fine-tipped nose, for safe work in confined spaces

T



Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
6722700	8136-200 JC	200	75.7	18.5	3.7	9.5	2.8	210	1
6722890	8136-200 TL	200	75.7	18.5	3.7	9.5	2.8	178	1

Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
1699679	SB 8136-200 JC	200	75.7	18.5	3.7	9.5	2.8	220	1
1699660	SB 8136-200 TL	200	75.7	18.5	3.7	9.5	2.8	188	1

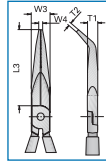


8136 AB

MECHANICS PLIERS without wire cutter, angled pattern

- T Without wire cutter, flat-round tapered jaws, cross-hatched gripping surfaces
- T Fine-tipped nose, for safe work in confined spaces
- T Similar to DIN ISO 5745

T



Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
6722970	8136 AB-200 JC	200	70	18.5	3.7	9.5	2.8	210	1
6723000	8136 AB-200 TL	200	70	18.5	3.7	9.5	2.8	178	1

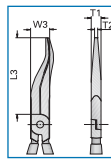
Code	No.	L	L ₃	W ₃	W ₄	T ₁	T ₂	/	I
1699695	SB 8136 AB-200 JC	200	70	18.5	3.7	9.5	2.8	220	1
1699687	SB 8136 AB-200 TL	200	70	18.5	3.7	9.5	2.8	188	1

8137

MECHANICS PLIERS without wire cutter, offset pattern

- T Without wire cutter, flat-round tapered jaws, cross-hatched gripping surfaces
- T Fine-tipped nose, for safe holding and gripping in assembly work in inaccessible places

T



Code	No.	L	L ₃	W ₃	T ₁	T ₂	/	I
6723190	8137-200 JC	200	74	18.5	9.5	2.8	210	1
6723270	8137-200 TL	200	74	18.5	9.5	2.8	178	1

Code	No.	L	L ₃	W ₃	T ₁	T ₂	/	I
1699717	SB 8137-200 JC	200	74	18.5	9.5	2.8	220	1
1699709	SB 8137-200 TL	200	74	18.5	9.5	2.8	188	1

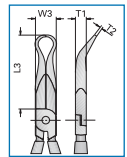


8138

MECHANICS PLIERS without wire cutter, 30° angled

- T Without wire cutter, 30° angled flat-round tapered, hooked jaws, cross-hatched gripping surfaces 30°, fine-tipped nose
- T For safe gripping, positioning and loosening of round, oval and angular parts
- T Ideal for spark plug connectors

T



Code	No.	L	L ₃	W ₃	T ₁	T ₂	/	I
6723350	8138-200 JC	200	68	18.5	9.5	2.8	210	1
6723430	8138-200 TL	200	68	18.5	9.5	2.8	178	1

Code	No.	L	L ₃	W ₃	T ₁	T ₂	/	I
1699733	SB 8138-200 JC	200	68	18.5	9.5	2.8	220	1
1699725	SB 8138-200 TL	200	68	18.5	9.5	2.8	188	1



Detailed information on products, promotions and trade fairs

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ELECTRONIC PLIERS

- T Welded-in double leaf spring cannot be lost, ensuring perfect functioning and a long service life
- T Precision box joint, induction-hardened cutting edges
- T 2-component handles with thermoplastic inserts, slip-inhibiting comfort grip
- T Precision-polished faces
- T Two different bevel edge designs for different uses:
 - T mini bevel for a normal cut
 - T no bevel for almost flush cut
- T ESD = electrostatic discharge protection
- T GEDORE-ESD-electronic-pliers dissipate electrostatic energy in a slow, controlled manner
- T Surfaces: Ground-steel - no flaking chrome parts to cause faults in electronic circuitry
- T B = non-glare gun-metal finish for reflection-free working
- T SB = self-service pack = plastic hanging clip, Euro perforation, for self-service display wallboard
- T BL [JL] = Jaw length, SL [CL] = Cutting edge length



Attention! Safety Note!
 Due to the conductivity of the ESD 2-component handles, these tools must not be brought into contact with live conductors passing a voltage sufficient to cause an electric shock.

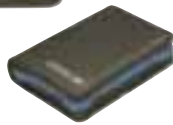


ELECTRONIC PLIERS SET

S 8305 ESD

ELECTRONIC PLIERS SET 6 pieces

- T In artificial leather wallet
- T Dimensions: L 230 x W 165 x H 55 mm
- T With microfibre cloth



Code	No.	Contents	/	G
195551	S 8305 ESD	8305-9 8306-1 8306-6 8307-2 8307-3 8308-1	665	G



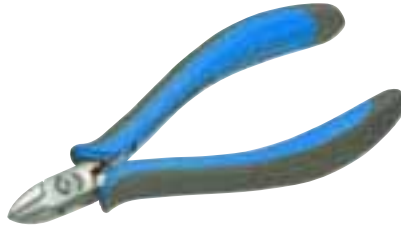
ELECTRONIC SIDE CUTTERS

- T Induction-hardened precision cutting edges, 61-63 HRC

8306-1

ELECTRONIC SIDE CUTTER

- T Oval head, with mini bevel
- T Cutting values:
 - Hard wire: 0.4 mm/AWG 26
 - Soft steel: 1.0 mm/AWG 18
 - Copper wire: 1.5 mm/AWG 15



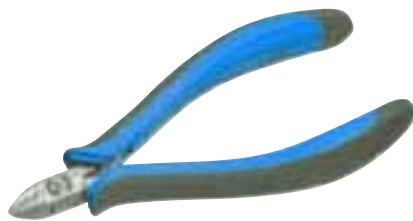
Code	No.	CL	y	/	l
6726450	8306-1	12	125	65	1

Code	No.	CL	y	/	l
1700561	SB 8306-1	12	125	75	1

8306-2

MINIATURE ELECTRONIC SIDE CUTTER

- T Short, oval head, without bevel
- T Cutting values:
 - Soft steel: 0.6 mm/AWG 22
 - Copper wire: 1.2 mm/AWG 16



Code	No.	CL	y	/	l
6726530	8306-2	9	120	60	1

Code	No.	CL	y	/	l
1700588	SB 8306-2	9	120	70	1

Detailed information on products, promotions and trade fairs

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8306-4

ELECTRONIC SIDE CUTTER

- T Oval head, without bevel
- T Cutting values:
 - Soft steel: 1.0 mm/AWG 18
 - Copper wire: 1.5 mm/AWG 15



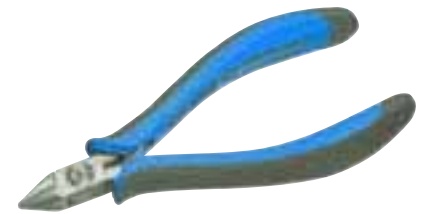
Code	No.	CL	y	/	l
6727180	8306-4	14	125	65	1

Code	No.	CL	y	/	l
1700618	SB 8306-4	14	125	75	1

8306-5

MINIATURE ELECTRONIC SIDE CUTTER

- T Pointed head, with mini bevel
- T Cutting values:
 - Hard wire: 0.4 mm/AWG 26
 - Soft steel: 1.0 mm/AWG 18
 - Copper wire: 1.2 mm/AWG 16



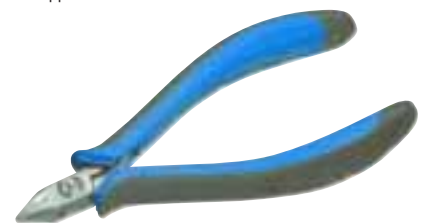
Code	No.	CL	y	/	l
6727340	8306-5	12	125	50	1

Code	No.	CL	y	/	l
1700626	SB 8306-5	12	125	60	1

8306-6

MINIATURE ELECTRONIC SIDE CUTTER

- T Short, head pointed and flattened (relief-milled), without bevel
- T Cutting values:
 - Soft steel: 0.6 mm/AWG 22
 - Copper wire: 1.0 mm/AWG 18



Code	No.	CL	y	/	l
6727500	8306-6	10	120	65	1

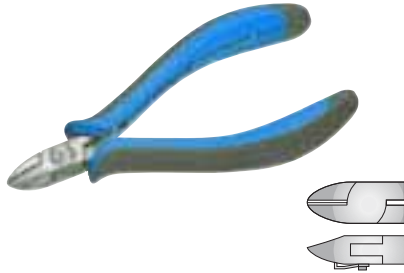
Code	No.	CL	y	/	l
1700634	SB 8306-6	10	120	75	1



8306-8

MINIATURE ELECTRONIC SIDE CUTTER

- T With wire gripper
- T Oval head, with mini-bevel
- T Cutting values:
Hard wire: 0.4 mm/AWG 26
Soft steel: 1.0 mm/AWG 18
Copper wire: 1.5 mm/AWG 15



Code	No.	CL	y	/	I
6727930	8306-8	13	125	65	1

Code	No.	CL	y	/	I
1700650	SB 8306-8	13	125	75	1



ELECTRONIC SIDE CUTTER CARBIDE

- T Tungsten-carbide cutting edges induction-hardened, 84-86 HRA

8306-7

ELECTRONIC SIDE CUTTER CARBIDE

- T Oval head, with bevel
- T Tungsten-carbide cutting edges for an extremely long service life
- T Cutting values:
Piano wire: 0.6 mm/AWG 22
Hard steel: 1.0 mm/AWG 18
Nickel wire: 1.2 mm/AWG 16



Code	No.	CL	y	/	I
6727770	8306-7	11	125	65	1

Code	No.	CL	y	/	I
1700642	SB 8306-7	11	125	75	1



8306-9

SIDE CUTTER CARBIDE SMD

- T Tungsten-carbide cutting edges for maximum cutting performance
- T Slim, pointed head for work in confined spaces
- T Without bevel
- T Cutting values:
Piano wire: 0.3 mm
Hard steel: 0.5 mm
Nickel wire: 0.6 mm



Code	No.	CL	y	/	I
1743414	8306-9	11	125	65	1

Code	No.	CL	y	/	I
1745751	SB 8306-9	11	125	75	1

8306-10

ELECTRONIC SIDE CUTTER CARBIDE

- T Oval head, with bevel
- T Especially suitable for cutting glass fibre and Kevlar®
- T Carbide cutting edges for maximum cutting performance



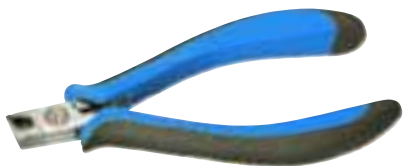
Code	No.	CL	y	/	I
1743422	8306-10	11	125	65	1

Code	No.	CL	y	/	I
1745778	SB 8306-10	11	125	75	1

8308-2

ELECTRONIC CARBIDE MINI DIAGONAL CUTTER

- T Long service life
- T Tungsten-carbide cutting edges for maximum cutting performance
- T Pointed head, without bevel
- T Cutting edges angled 55°
- T Cutting values:
Piano wire: 0.6 mm/AWG 22
Hard steel: 1.0 mm/AWG 18
Nickel wire: 1.2 mm/AWG 16



Code	No.	CL	y	/	I
1743619	8308-2	12	125	65	1

Code	No.	CL	y	/	I
1745913	SB 8308-2	12	125	75	1

ELECTRONIC DIAGONAL CUTTERS AND END NIPPERS

8308-1

ELECTRONIC MINI DIAGONAL CUTTER

- T Pointed head, cutting edges angled 55°, without bevel
- T For working in confined spaces
- T Cutting values:
Hard steel: 0.4 mm/AWG 26
Soft steel: 1.0 mm/AWG 18
Copper wire: 1.2 mm/AWG 16



Code	No.	CL	y	/	I
1743600	8308-1	12	125	65	1

Code	No.	CL	y	/	I
1745905	SB 8308-1	12	125	75	1

8308-3

ELECTRONIC DIAGONAL CUTTER

- T Wide head and long cutting faces, without bevel
- T Head ground to a point on one side
- T Cutting edges angled 55°
- T Cutting values:
Hard steel: 0.4 mm/AWG 26
Soft steel: 1.0 mm/AWG 18
Copper wire: 1.5 mm/AWG 15



Code	No.	CL	y	/	I
1743627	8308-3	15	135	85	1

Code	No.	CL	y	/	I
1745921	SB 8308-3	15	135	95	1

8308-4

ELECTRONIC END CUTTING NIPPERS

- T Wide head and long cutting faces, without bevel
- T High cutting performance
- T Cutting values:
Hard steel: 0.4 mm/AWG 26
Soft steel: 1.0 mm/AWG 18
Copper wire: 1.5 mm/AWG 15



Code	No.	CL	y	/	I
1743635	8308-4	15	135	85	1

Code	No.	CL	y	/	I
1745948	SB 8308-4	15	135	95	1

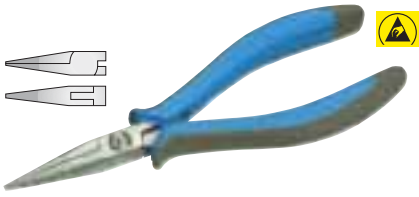


NEEDLE NOSE ELECTRONIC PLIERS

8305-2

NEEDLE NOSE ELECTRONIC PLIERS

T Extra long, half-round jaws, with file-cut surface



Code	No.	JL	y	/	l
6725480	8305-2	39	165	95	1

Code	No.	JL	y	/	l
1700669	SB 8305-2	39	165	105	1

8307-1

FINE NEEDLE NOSE ELECTRONIC PLIERS

T Extra narrow jaws with side flanks and 50° circular tips
T Smooth gripping faces
T For precision components



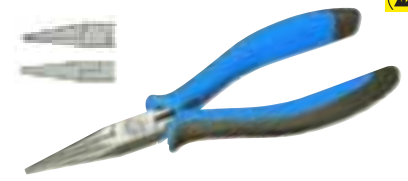
Code	No.	JL	y	/	l
1743430	8307-1	22	135	45	1

Code	No.	JL	y	/	l
1745786	SB 8307-1	22	120	55	1

8307-5

LONG NOSE ELECTRONIC PLIERS

T Straight, extra long, flat-round tapered jaws
T For bending and straightening
T Smooth-ground gripping faces



Code	No.	JL	y	/	l
1743570	8307-5	40	165	95	1

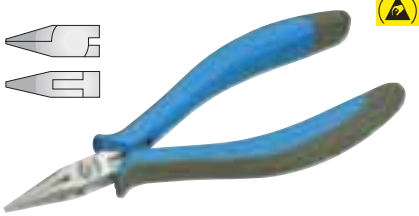
Code	No.	JL	y	/	l
1745875	SB 8307-5	40	165	105	1

NEEDLE NOSE ELECTRONIC PLIERS 45° ANGLED

8305-4

NEEDLE NOSE ELECTRONIC PLIERS

T Long, half-round jaws, with file-cut surface
T Extra fine needle nose: 1 x 1.5 mm



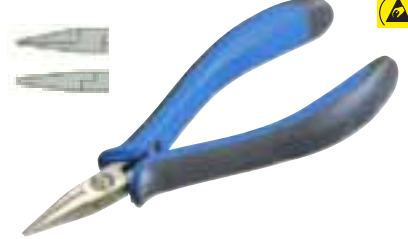
Code	No.	JL	y	/	l
6725560	8305-4	23	135	50	1

Code	No.	JL	y	/	l
1700677	SB 8305-4	23	135	60	1

8307-2

NEEDLE NOSE ELECTRONIC PLIERS

T Slim, long, flat-round tapered jaws
T Smooth-ground gripping faces



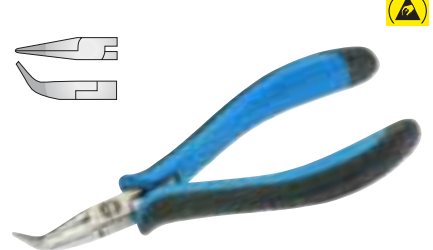
Code	No.	JL	y	/	l
1743546	8307-2	22	135	50	1

Code	No.	JL	y	/	l
1745840	SB 8307-2	22	135	60	1

8307-3

NEEDLE NOSE ELECTRONIC PLIERS

T Slim, narrow, flat-round tapered jaws, angled 45°
T Gripping faces with fine file cut



Code	No.	JL	y	/	l
1743554	8307-3	22	140	65	1

Code	No.	JL	y	/	l
1745859	SB 8307-3	22	140	75	1



8307-4

NEEDLE NOSE ELECTRONIC PLIERS

T Slim, narrow, flat-round tapered jaws
T Smooth-ground gripping faces



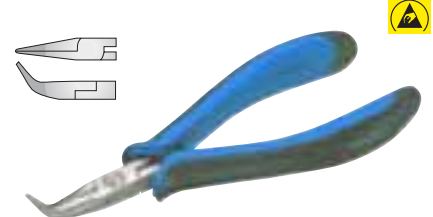
Code	No.	JL	y	/	l
1743562	8307-4	31	145	65	1

Code	No.	JL	y	/	l
1745867	SB 8307-4	31	145	75	1

8307-6

NEEDLE NOSE ELECTRONIC PLIERS

T Slim, narrow, flat-round tapered jaws, angled 45°
T Smooth-ground gripping faces



Code	No.	JL	y	/	l
1743589	8307-6	25	140	65	1

Code	No.	JL	y	/	l
1745883	SB 8307-6	25	140	75	1

8305-6

FINE NEEDLE NOSE ELECTRONIC PLIERS

T Extra slim jaws and fine point
T Without file-cut



Code	No.	JL	y	/	l
6725720	8305-6	40	160	85	1

Code	No.	JL	y	/	l
1700715	SB 8305-6	40	160	95	1

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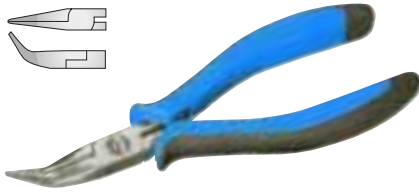
8307-7

LONG NOSE ELECTRONIC PLIERS

- T Extra long, flat-round tapered jaws, angled 45°
- T For bending and straightening jobs
- T Smooth-ground gripping faces

T

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Code	No.	JL	y	/	l
1743597	8307-7	35	165	95	1

Code	No.	JL	y	/	l
1745891	SB 8307-7	35	165	105	1

NON-GLARE GUN-METAL FINISH ELECTRONIC PLIERS

- T For reflection-free working particularly on circuit boards

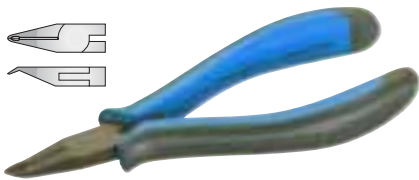
8305-7 B

ELECTRONIC DIAGONAL CUTTER

- non-glare gun-metal finish
- T Cutting edges 30° angled, without bevel
- T With slim head for narrow spaces
- T Cutting values:
Soft steel: 0.6 mm/AWG 22
Copper wire: 0.8 mm/AWG 20

Q

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Code	No.	CL	y	/	l
1799835	8305-7 B	6	135	59	1

Code	No.	CL	y	/	l
1808672	SB 8305-7 B	6	135	69	1

8305-9 B

FLAT NOSE ELECTRONIC PLIERS

- non-glare gun-metal finish
- T Straight pattern
- T Without file-cut

R

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Code	No.	JL	y	/	l
1799843	8305-9 B	23	135	75	1

Code	No.	JL	y	/	l
1808680	SB 8305-9 B	23	135	85	1

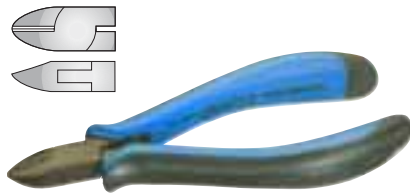
8306-1 B

ELECTRONIC SIDE CUTTER

- non-glare gun-metal finish
- T Oval head, with mini-bevel
- T Cutting values:
Hard wire: 0.4 mm/AWG 26
Soft steel: 1.0 mm/AWG 18
Copper wire: 1.5 mm/AWG 15

P

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Code	No.	CL	y	/	l
1799851	8306-1 B	12	125	65	1

Code	No.	CL	y	/	l
1808699	SB 8306-1 B	12	125	75	1

8307-2 B

NEEDLE NOSE ELECTRONIC

- PLIERS non-glare gun-metal finish
- T Slim, long, flat-round tapered jaws
- T Smooth-ground gripping faces

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Code	No.	JL	y	/	l
1799878	8307-2 B	22	135	50	1

Code	No.	JL	y	/	l
1808702	SB 8307-2 B	22	135	60	1

SPECIAL ELECTRONIC PLIERS

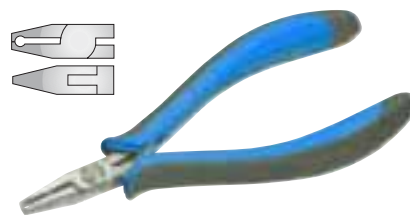
8305-5

ELECTRONIC END CUTTING NIPPERS

- T Long, slim head
- T Induction-hardened precision cutting edges, with fine bevel
- T Cutting values:
Soft steel: 0.6 mm/AWG 22
Copper wire: 0.8 mm/AWG 20

P

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Code	No.	CL	y	/	l
6725640	8305-5	2	130	65	1

Code	No.	CL	y	/	l
1700693	SB 8305-5	2	130	75	1



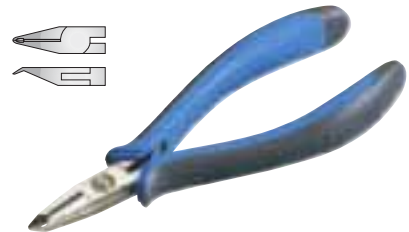
8305-7

ELECTRONIC DIAGONAL CUTTER

- T 30° angle cutting edges, without bevel
- T With slim head for confined spaces
- T Cutting values:
Soft steel: 0.6 mm/AWG 22
Copper wire: 0.8 mm/AWG 20

Q

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Code	No.	CL	y	/	l
6725990	8305-7	6	135	60	1

Code	No.	CL	y	/	l
1700731	SB 8305-7	6	135	70	1



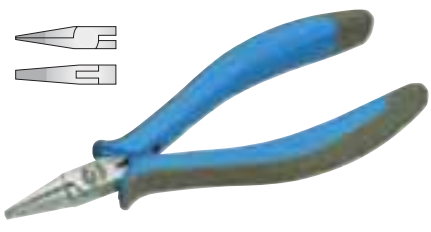
8305-9

FLAT NOSE ELECTRONIC PLIERS

- T Straight pattern
- T Without file-cut

R

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Code	No.	JL	y	/	l
6726370	8305-9	23	135	75	1

Code	No.	JL	y	/	l
1700766	SB 8305-9	23	135	85	1



8308-5

ELECTRONIC WIRE STRIPPING PLIERS

- T With inside adjusting screw and opening spring
- T For removing insulation from extra fine wire and components
- T Cutting values:
for wire from 0.1 to 0.8 mm / AWG 36-20



Code	No.	JL	y	/	l
1743643	8308-5	28	155	95	1

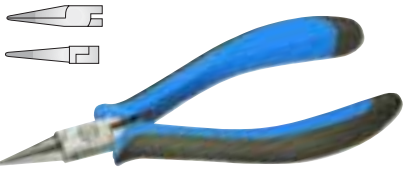
Code	No.	JL	y	/	l
1745956	SB 8308-5	28	155	105	1



8308-6

ROUND NOSE ELECTRONIC PLIERS

- T For delicate work
- T Tips tapering to Ø 1 mm, without file-cut



Code	No.	JL	y	/	l
1743651	8308-6	20	135	55	1

Code	No.	JL	y	/	l
1745964	SB 8308-6	20	135	65	1

MINIATURE ELECTRONIC PLIERS

- T Made from high-performance hardened and tempered steel, handles hardened and tempered
- T Induction-rehardened cutting edges, 59-61 HRC, faces phosphated
- T With opening spring
- T 2-component handles with secure-grip hand protection
- T Self-service pack (plastic hanging clip, Euro perforation)

8350-1

MINIATURE ELECTRONIC DIAGONAL END CUTTING NIPPERS

- T Sharp, narrow needle-point head
- T Cutting edges angled 48°, without bevel
- T Cutting values:
Copper wire: max. 0.6 mm / AWG 22



Code	No.	CL	y	/	l
1828959	8350-1	8	132	72	5

Code	No.	CL	y	/	l
1830201	SB 8350-1	8	132	82	1



8350-2

MINIATURE ELECTRONIC SIDE CUTTER

- T Sharp, narrow needle-point head
- T Cutting edges angled 21°, without bevel
- T Cutting values:
Copper wire: max. 0.8 mm / AWG 20



Code	No.	CL	y	/	l
1828967	8350-2	8	138	73	5

Code	No.	CL	y	/	l
1830228	SB 8350-2	8	138	83	1

8350-3

MINIATURE ELECTRONIC SIDE CUTTER

- T Sharp, narrow needle-point head
- T With wire-grip clamp
- T Cutting edges angled 21°, without bevel
- T Cutting values:
Copper wire: max. 1.0 mm / AWG 18



Code	No.	CL	y	/	l
1828975	8350-3	8	138	82	5

Code	No.	CL	y	/	l
1830236	SB 8350-3	8	138	92	1

8350-4

MINIATURE ELECTRONIC DIAGONAL END CUTTING NIPPERS

- T Extra narrow, short head
- T End cutter with 30° angled cutting edges, without bevel
- T Cutting values:
Copper wire: max. 0.6 mm / AWG 22



Code	No.	CL	y	/	l
1828983	8350-4	2	136	72	5

Code	No.	CL	y	/	l
1830244	SB 8350-4	2	136	82	1

8350-5

MINIATURE ELECTRONIC DIAGONAL END CUTTING NIPPERS

- T Wide, needle-point head
- T Cutting edges angled 48°, without bevel
- T Cutting values:
Copper wire: max. 1.3 mm / AWG 16



Code	No.	CL	y	/	l
1828991	8350-5	8	136	85	5

Code	No.	CL	y	/	l
1830252	SB 8350-5	8	136	95	1

8350-6

MINIATURE ELECTRONIC SIDE CUTTER

- T Wide, needle-point head
- T Cutting edges angled 21°, without bevel
- T Cutting values:
Copper wire: max. 1.3 mm / AWG 16
Medium-hard wire: max. 1.0 mm / AWG 18



Code	No.	CL	y	/	l
1829009	8350-6	8	138	94	5

Code	No.	CL	y	/	l
1830260	SB 8350-6	8	138	104	1



8350-7

MINIATURE ELECTRONIC SIDE CUTTER

- T Wide, needle-point head
- T Cutting edges angled 21°, without bevel
- T Cutting values:
Copper wire: max. 1.3 mm / AWG 16



Code	No.	CL	y	/	l
1829017	8350-7	8	138	86	5

Code	No.	CL	y	/	l
1830279	SB 8350-7	8	138	96	1



8350-8

MINIATURE ELECTRONIC SIDE CUTTER

Power Line

- T Fabric insert for increased strength
- T Wide, needle-point head
- T Cutting edges angled 21°, small bevel
- T Cutting values:
Copper wire: max. 2.0 mm / AWG 12
Medium-hard wire: max. 1.6 mm / AWG 14



Code	No.	CL	y	/	I
1829025	8350-8	12	140	110	5

Code	No.	CL	y	/	I
1830287	SB 8350-8	12	140	120	1

8350-9

MINIATURE ELECTRONIC SIDE CUTTER

- T Wide, needle-point head
- T With wire-grip spring
- T Cutting edges angled 21°, without bevel
- T Cutting values:
Copper wire: max. 1.3 mm / AWG 16
Medium-hard wire: max. 1.0 mm / AWG 18



Code	No.	CL	y	/	I
1829033	8350-9	10	138	94	5

Code	No.	CL	y	/	I
1830295	SB 8350-9	10	138	104	1

8351-1

MINIATURE ELECTRONIC SIDE CUTTER Power Line

- T Tungsten-carbide technology for heavy industrial use
- T Cutting edges angled 21°, slight bevel, hardness 62 HRC
- T Cutting values:
Copper wire: max. 2.0 mm / AWG 12
Medium-hard wire: max. 1.6 mm / AWG 14
T Piano wire: max. 0.6 mm / AWG 22



Code	No.	CL	y	/	I
1829041	8351-1	8	137	109	5

Code	No.	CL	y	/	I
1830309	SB 8351-1	8	137	119	1

8352-1

MINIATURE ELECTRONIC NEEDLE NOSE PLIERS

- T Short, narrow, smooth jaws



Code	No.	JL	y	/	I
1829068	8352-1	20	145	90	5

Code	No.	JL	y	/	I
1830317	SB 8352-1	20	145	100	1

8352-2

MINIATURE ELECTRONIC FLAT NOSE PLIERS

- T Long, narrow, smooth jaws



Code	No.	JL	y	/	I
1829076	8352-2	32	158	94	5

Code	No.	JL	y	/	I
1830325	SB 8352-2	32	158	104	1

8352-3

MINIATURE ELECTRONIC NEEDLE NOSE PLIERS

- T Long, narrow, serrated jaws
- T Cutting edges angled 45°



Code	No.	JL	y	/	I
1829084	8352-3	35	152	92	5

Code	No.	JL	y	/	I
1830333	SB 8352-3	35	152	102	1

8353-1

MINIATURE ELECTRONIC WIRE STRIPPING PLIERS

- T Multipurpose tool for cutting, stripping and terminal crimping



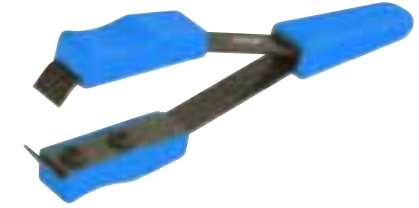
Code	No.	JL	y	/	I
1829092	8353-1	40	175	126	5

Code	No.	JL	y	/	I
1830376	SB 8353-1	40	175	136	1

8353-2

INSULATING VARNISH STRIPPER

- T For removing insulating varnish
- T Plastic handles
- T Strips wires 0.6 mm² / AWG 22



Code	No.	y	Ø mm ²	AWG	/	I
1828924	8353-2	125	0,60	22	47	1

Code	No.	y	Ø mm ²	AWG	/	I
1830384	SB 8353-2	125	0,60	22	57	1

8353-3

WIRE STRIPPING KNIFE

- T For cable sizes 4-16 mm



Code	No.	y	/	I
1828932	8353-3	140	87	1

Code	No.	y	/	I
1830392	SB 8353-3	140	97	1

8354-1

DE-SOLDER TOOL

- T With suction action for removing solder residues when de-soldering electronic components



Code	No.	y	/	I
1828940	8354-1	220	96	1

Code	No.	y	/	I
1830406	SB 8354-1	220	106	1





CABLE SHEARS

8093

CABLE SHEARS

- T For cutting multi-strand copper and aluminium cables up to Ø 27 mm
- T New cutting-edge geometry for a clean, smooth cut
- T Optimum lever action requires less effort
- T Compact design, low weight
- T Not suitable for wire ropes and steel wire
- T Cutter head made from forged special tool steel
- T High-strength tubular aluminium handles, powder-enameled, with rubber grips



Code	No.	y	/	l
6724830	8093	505	1100	1



8094

CABLE SHEARS

- T For cutting multi-strand copper and aluminium cables up to Ø 20 mm, and up to Ø 25 mm with first and second cut
- T Cutting edges additionally induction-hardened
- T Precision ground for optimum action, new cutting-edge geometry
- T Adjustable screw joint with finger protection
- T Not suitable for wire ropes and steel wire
- T Special tool steel, forged, gun-metal finish, with dipped handle grips



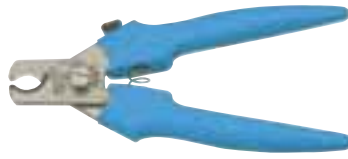
Code	No.	y	/	l
6724910	8094	200	280	1

Code	No.	y	/	l
1700790	SB 8094	200	290	1

8095

CABLE SHEARS

- T Cutter head made from stainless steel, self-opening
- T Impact-resistant plastic handles
- T Practical lock in closed position
- T For wire up to 10 mm²



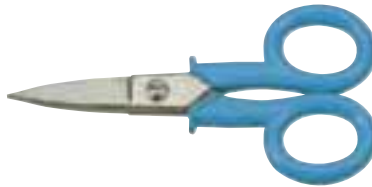
Code	No.	y	/	l
6707820	8095-160	160	110	1

Code	No.	y	/	l
1700774	SB 8095-160	160	120	1

8096

SMALL UNIVERSAL SCISSORS

- T With insulation stripping notch
- T Nickel-plated, with blue handle sleeves



Code	No.	y	/	l
6707900	8096-140	140	75	1

Code	No.	y	/	l
1700782	SB 8096-140	140	85	1

CABLE KNIVES

4522

ELECTRICIANS' CABLE KNIFE

- T With wire stripper, folding blade
- T Rosewood-faced handle



Code	No.	D	C	/	l
6690240	4522	85	195	75	10

4522 SP

ELECTRICIANS' CABLE KNIFE

- T With wire stripper, folding blade
- T Rosewood-faced handle



Code	No.	D	C	/	l
6295530	4522 SP	80	190	70	5

4524

CABLE KNIFE

- T Fixed stainless steel blade, rust-proof
- T Beech-faced handle



Code	No.	D	C	/	l
6301440	4524	60	175	50	5



4528

UNIVERSAL CABLE KNIFE

- T For stripping round cables, 8-28 mm
- T Hooked blade for separating cable strips and flat cables
- T The cutting depth of the pivoting internal knife is adjustable
- T 1 spare blade stored in handle



Code	No.	D	C	/	l
6698300	4528	50	170	80	5

4629

INSULATING TAPE



Code	No.	Lm	WV	/	l
6699540	4629	10	15	28	1

For more VDE Cable Knives see page 265





STRIPPING PLIERS

8097

STRIPPING PLIERS automatic

- T With V-shaped cutting knife
- T For stripping single-strand conductors 0.2 - 6.0 mm²
- T Adjustable stripping length
- T With wire cutter up to 2 mm



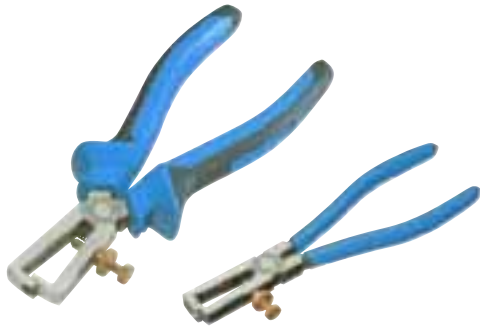
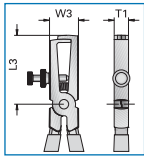
Code	No.	y	∅ mm ²	/	l
6702940	8097	200	0,2-6,0	130	1



8098

STRIPPING PLIERS

- T With spring and brass adjusting screw
- T For wires 0.8 - 6.0 mm²
- T JC = chrome-plated, with 2-component handle protectors
- T TL = enamelled black, with blue dipped handle protectors



Code	No.	L	L ₃	W ₃	T ₁	∅ mm ²	/	l
6708630	8098-160 JC	160	43.5	18.5	8.5	0,8-6,0	167	5
6710020	8098-160 TL	160	43.5	18.5	8.5	0,8-6,0	140	5

Code	No.	L	L ₃	W ₃	T ₁	∅ mm ²	/	l
1699164	SB 8098-160 JC	160	43.5	18.5	8.5	0,8-6,0	177	5
1699172	SB 8098-160 TL	160	43.5	18.5	8.5	0,8-6,0	150	5

8099

STRIPPING PLIERS STRIP-FIX

- T Self-adjusting, for wires 0.5 - 5.0 mm²
- T GEDORE special hardened and tempered steel
- T E-8099 = Pair of spare knives



Code	No.	y	z	∅ mm ²	/	l
6709520	8099-160 JCP	160	6.1/2	0,5-5,0	180	1
5709580	E-8099				8	1

Code	No.	y	z	∅ mm ²	/	l
1700197	SB 8099-160 JCP	160	6.1/2	0,5-5,0	190	1

STRIPPING TOOLS

T 8146 Wire stripper

Advantages:

- T Flexible: easy-change insert modules give this tool a wide stripping range
- T Precision stripping: exact adjustment facility ensures accurate stripping - without any damage to the conductor
- T Ergonomic and user-friendly: the soft main grip, easy-action operating lever, optimised span, angled head and low weight guarantee comfortable, user-friendly operation
- T Reliable: tested through more than 150000 stripping processes



8146

STRIPPING PLIERS with exchangeable module inserts, self-adjusting

- T Self-adjusting cutting and stripping tool (No. 8146) for modern electrical installations and equipment circuitry (90% of all wires can be stripped without any adjustment of the tool)
- T The use of easily exchangeable module inserts allows accurate stripping of a wide range of insulation materials, including PVC and PTFE, with just one tool
- T Flat blade included in delivery
- T Dimensions: 191 x 123 x 20 mm

Stripping capacity:

- T 8146-1 with flat blade: 0.02-10 mm² / AWG 34-8 (for PVC insulation)
- T 8146-2 with round blade: 4-16 mm² / AWG 12-6
- T 8146-3 with V blade: PTFE 0.1-4 mm² / AWG 26-12 (for all types of insulation)

Cutting values:

- T Flexible wires up to 10 mm² / AWG 8
- T Rigid wires up to 1.5 mm² / AWG 16



Code	No.	∅ mm ²	AWG	/	l
1830805	8146			136	1
Stripping pliers incl. module insert 8146-1					
1830813	8146-1	0,02-10,0	34-8	51	1
Module insert with flat blade					
1830821	8146-2	4,0-16,0	12-6	51	1
Module insert with round blade					
1830848	8146-3	0,1-4,0	26-12	51	1
Module insert with V-blade					





8147

HEAVY-DUTY CABLE STRIPPING TOOL

- T Professional wire stripping tool with 2 cable hooks
- T Compact and user-friendly, even in the most difficult conditions
- T For cables (up to 40 mm Ø) with any kind of insulation
- T Blade can be locked in one of three positions (circular, straight or spiral cuts)
- T Cable capacity: 4.5-40 mm Ø
- T Insulation thickness: up to 4.5 mm
- T Dimensions:
with small cable hook: 150 x 42 x 30.5 mm
with large cable hook: 167 x 52 x 30.5 mm
- T E-8147 = Spare blade



Code	No.	Ø mm	/	l
1830856	8147	4,5-40,0	116	1
1884719	E-8147		2	1

8148

PRECISION STRIPPING TOOL for data cables

- T User-friendly, easy to handle, all-round cut
- T Precision adjustment of cutting depth (adjuster wheel with 9 positions)
- T Replaceable blade
- T Safe, rounded, pocket design
- T Stripping capacity: 2.5-11 mm
- T Insulation thickness: up to 1.0 mm
- T Dimensions: 90.5 x 39.5 x 19 mm
- T E-8148 = Spare blade

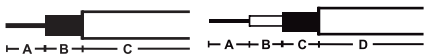
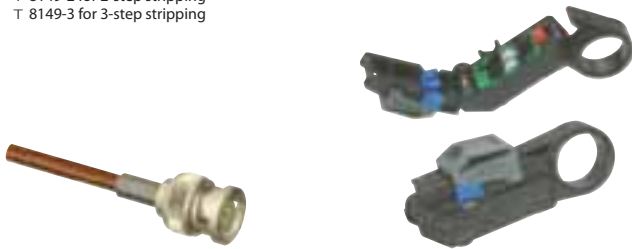


Code	No.	Ø mm	/	l
1830864	8148	2,5-11,0	28	1
1884727	E-8148		2	1

8149

STRIPPING TOOL for coaxial cables

- T Individual blade adjustment guarantees a high level of stripping precision, all-round cut
- T Supports a range of insert modules for two or three-stage wire stripping, as well as V-blocks for different sizes
- T User-friendly, ergonomic mechanism ensures a firm grip and easy operation
- T Stripping capacity: 2.5-7.6 mm
- T 8149-2 for 2-step stripping
- T 8149-3 for 3-step stripping



Code	No.	Execution	/	l
1830872	8149-2	2 steps	40	1
1830880	8149-3	3 steps	40	1

CRIMPING PLIERS

T 8101, 8102, 8103

- T For cutting, wire stripping, and crimping when working with insulated contacts with an open or closed crimping zone
- T Integrated dead-point locking ensures complete crimping to the required profile
- T Cutter for cables with a conductor cross-section up to 10.0 mm²
- T Perfectly formed crimping area for all standard connector types. With correct use, pull-out values to EN 352/2 are easily archived

8101

CRIMPING SELF-GRIP WRENCH

- T For red, blue and yellow insulated connectors, including cable lugs, pin terminals, male and female disconnectors, bullet and receptacle disconnectors, butt and parallel connectors
- T With integrated three-stage positioner
- T Step 1. Crimp the conductor in the profile intended for the colour (red, blue, or yellow)
- T Step 2. Crimp the insulation in the next following profile.
- T Conductor crimp=red; Conductor crimp=blue; Conductor crimp=yellow
- T Insulation crimp=blue; Insulation crimp=yellow
- T The integrated three-stage positioner ensures the longitudinal positioning of the contact in the crimping profile used
- T The three-stage adjustment is designed for the appropriate contacts, identified by drawings on the positioner
- T Cutting values: 0,5-6,0 mm² / 20-10 AWG



Code	No.	Ø mm ²	AWG	y	z	/	l
6723940	8101	0,5-6,0	20-10	215	8	550	1

Code	No.	Ø mm ²	AWG	y	z	/	l
1700812	SB 8101	0,5-6,0	20-10	215	8	560	1



8102

CRIMPING SELF-GRIP WRENCH

- T For non-insulated contacts with open crimping sleeves, such as F 2.8 and F 6.3 male disconnectors
- T Conductor and insulation crimp are carried out in one operation
- T Profile types / Connector type:
T male disconnector F 6.3: 1: 0,5-1,0 mm² / 2: 1,5-2,5 mm² / 3: 4,0-6,0 mm²
T male disconnector F 2.8: 4: 0,5-1,0 mm²



Code	No.	Ø mm ²	AWG	y	z	/	l
6724080	8102	0,5-6,0	20-10	215	8	490	1

Code	No.	Ø mm ²	AWG	y	z	/	l
1700820	SB 8102	0,5-6,0	20-10	215	8	500	1



8103

CRIMPING SELF-GRIP WRENCH

T For non-insulated contacts with closed crimping sleeves, such as eye lugs, pin terminals, butt and parallel connectors and miniature ring terminals
 T Cutting values: 0,5-10 mm² / 20-8 AWG



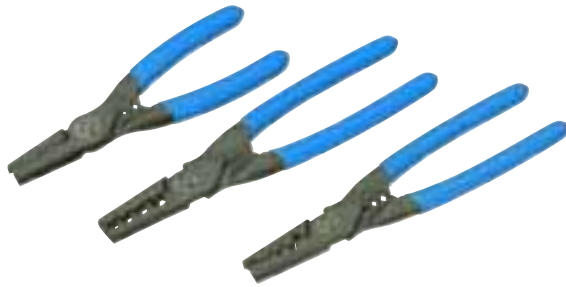
Code	No.	Ø mm ²	AWG	y	z	/	l
6724160	8103	0,5-10,0	20-8	215	8	490	1

Code	No.	Ø mm ²	AWG	y	z	/	l
1700839	SB 8103	0,5-10,0	20-8	215	8	500	1

8139

CABLE END-SLEEVE PLIERS

T For the simple pressing of wire end-sleeves as per DIN 46228
 T With a V-block for stripping and cutting soft wire (not included on model No. 8139-2-220)



Code	No.	Ø mm ²	y	z	/	l
6723510	8139-155 TL	0,25-2,5	155	6	190	1
6723780	8139-220 TL	0,5-16,0	220	8.1/2	280	1
6723860	8139-2-220 TL	10,0-35,0	220	8.1/2	280	1

Code	No.	Ø mm ²	y	z	/	l
1700863	SB 8139-155 TL	0,25-2,5	155	6	200	1
1700871	SB 8139-220 TL	0,5-16,0	220	8.1/2	290	1
1700898	SB 8139-2-220 TL	10,0-35,0	220	8.1/2	290	1

CRIMP WRENCH MODULAR

Advantages:

- T Reliable: parallel action ensures precision crimping
- T Easy to handle: components kept in view throughout the crimping process, easily accessible release function allows quick change of insert modules without the use of additional tools
- T Comfortable: lightweight, plastic-sheathed tool frame for comfort grip - even at low temperatures
- T Practical: insert modules, easy to change and clearly labelled, supplied in pairs on a pin in a storage box to prevent loss (storage boxes interconnect - like in a jigsaw puzzle)
- T Versatile and economical: just one tool base frame can be used with all the various insert modules to carry out a wide range of crimping processes, including heavy plug and socket connectors, coaxial connectors, optic fibres and RJ45 plugs.



8140

MODULAR CRIMP WRENCH

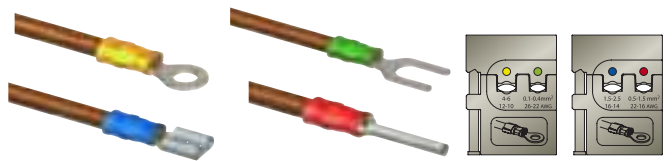
T Professional ratchet crimping pliers for most types of mechanical, electrical and electronic connectors
 T Just one tool base frame (No. 8140) can be used with all insert modules
 T Dimensions: L 234 x H 64 x W 24 mm
 T Module inserts changeable without tools



Code	No.	y	/	l
1830546	8140	234	519	1

8140-01/-02

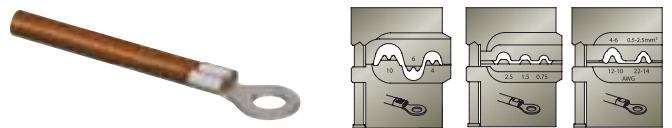
MODULE INSERT for insulated terminals



Code	No.	Ø mm ² / AWG	/	l
1830554	8140-01	0,1-0,4 + 4-6 / 26-22 + 12-10	56	1
1830562	8140-02	0,5-1,5 + 1,5-2,5 / 22-16 + 16-14	56	1

8140-03/-04/-05

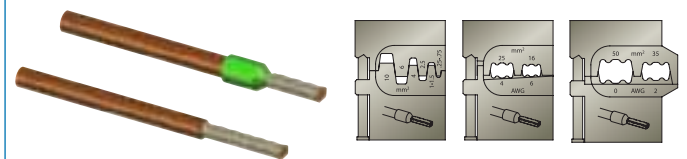
MODULE INSERT for non-insulated terminals



Code	No.	Ø mm ² / AWG	/	l
1830570	8140-03	4-6-10	56	1
1830589	8140-04	0,75-1,5-2,5	56	1
1830597	8140-05	0,5-2,5 + 4-6 / 22-14 + 12-10	56	1

8140-06/-07/-08

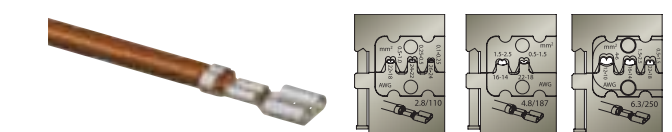
MODULE INSERT for conductor end-sleeves



Code	No.	Ø mm ² / AWG	/	l
1830600	8140-06	0,25-10	56	1
1830619	8140-07	16-25 / 6-4	56	1
1830627	8140-08	35-50 / 2-0	56	1

8140-09/-10/-11

MODULE INSERT for flat plugs

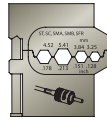


Code	No.	Ø mm ² / AWG	/	l
1830635	8140-09	0,1-1 / 26-18	56	1
1830643	8140-10	0,5-2,5 / 22-14	56	1
1830651	8140-11	0,5-6 / 22-10	56	1



8140-12

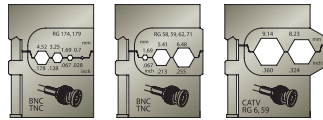
MODULE INSERT for optical waveguides



Code	No.	Ø mm ² / AWG	/	l
1830678	8140-12	4,52 5,41 3,84 3,25 / 0,178 0,213 0,151 0,128	56	1

8140-13/-14/-15

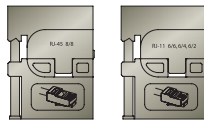
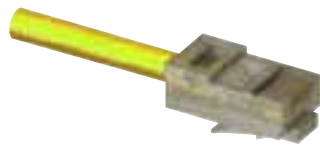
MODULE INSERT for coax cables



Code	No.	Ø mm ² / AWG	/	l
1830686	8140-13	4,52 3,25 1,69 0,7 / 0,178 0,128 0,067 0,028	56	1
1830694	8140-14	1,69 5,41 6,48 / 0,067 0,213 0,255	56	1
1830708	8140-15	9,14-8,23 / 0,360-0,324	56	1

8140-16/-17

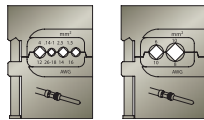
MODULE INSERT for modular plugs



Code	No.	Ø mm ² / AWG	/	l
1830716	8140-16	RJ-45 8/8	48	1
1830724	8140-17	RJ-11 6/6 6/4 6/2	48	1

8140-18/-19

MODULE INSERT for heavy connectors

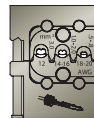


Code	No.	Ø mm ² / AWG	/	l
1830732	8140-18	0,14-4 / 26-12	56	1
1830740	8140-19	6-10 / 10-8	56	1

8140-20

MODULE INSERT for lamellar contacts

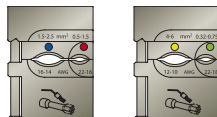
T With seals 0.5-3.0 mm²



Code	No.	Ø mm ²	/	l
1963384	8140-20	0,5-3,0	56	1

8140-21/-22

MODULE INSERT for Dura Seal contacts



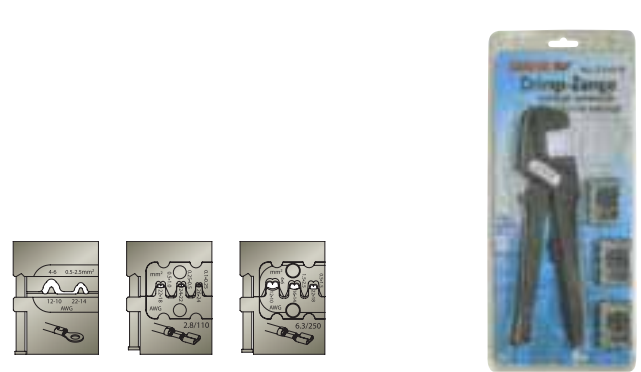
Code	No.	Ø mm ²	/	l
1963392	8140-21	0,50-2,50	56	1
1963406	8140-22	0,32-6,00	56	1

CRIMP WRENCH SETS

- T Practical sets made up for specific requirements in industrial maintenance (S 8140 J), automotive engineering (S 8140 A/PA), data-communications installations (S 8140 D) or for electricians (S 8140 E/PE)
- T Ideal for high-standard crimping
- T Can be individually upgraded by purchasing additional module inserts
- T Module inserts changeable without tools

S 8140 A

CRIMPING PLIERS SET AUTOMOTIVE 4 pieces



Code	No.	Contents	/	l
1830910	S 8140 A	8140 8140-09 -05 -11	687	1

S 8140 D

CRIMPING PLIERS SET DATA COM 4 pieces



Code	No.	Contents	/	l
1830937	S 8140 D	8140 8140-14 -16 -17	687	1

S 8140 E

CRIMPING PLIERS SET ELECTRONIC 4 pieces

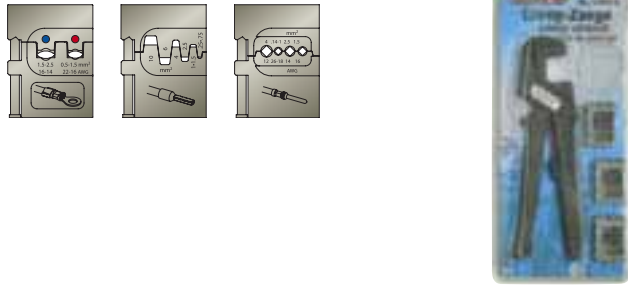


Code	No.	Contents	/	l
1830899	S 8140 E	8140 8140-01 -02 -05	687	1



S 8140 J

CRIMPING PLIERS SET INDUSTRIAL 4 pieces



Code	No.	Contents	/	l
1830929	S 8140 J	8140 8140-02 -06 -18	687	1

S 8140 PA

CRIMPING PLIERS SET PROFESSIONAL AUTOMOTIVE 9 pieces in plastic case



Code	No.	Contents	/	l	G
1954121	S 8140 PA	8140 8140-03 -04 -09 -10 -11 -14 -21 -22	2150	1	G

S 8140 PE

CRIMPING PLIERS SET PROFESSIONAL ELECTRONIC 9 pieces in plastic case



Code	No.	Contents	/	l	G
1954148	S 8140 PE	8140 8140-01 -02 -06 -11 -14 -16 -18 -19	2150	1	G



Detailed information on products, promotions and trade fairs
... www.gedore.com



S 8140 PN

CRIMPING PLIERS SET PROFESSIONAL in plastic case

T Crimping wrench no. 8140 without module inserts for individual composition



Code	No.	/	l	G
1963279	S 8140 PN		1	G

PRECISION CRIMP WRENCHES

T Well balanced tool design for easy handling

8141

PRECISION CRIMP WRENCH for conductor end-sleeves



Code	No.	Ø mm ²	y	z	/	l
1830759	8141	0,5-6,0	197	7,75	350	1



8142

PRECISION CRIMP WRENCH for insulated terminals



Code	No.	Ø mm ²	y	z	/	l
1830767	8142	0,5-6,0	255	10,04	560	1

8143 - 8144

PRECISION CRIMP WRENCH for non-insulated terminals



Code	No.	Ø mm ²	y	z	/	l
1830775	8143	0,35-2,5	212	8,35	470	1
1830783	8144	4,0-10,0	255	10,04	560	1

8145

PRECISION CRIMP WRENCH for flat plugs

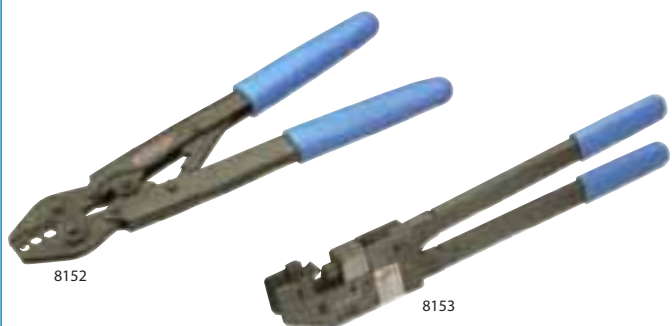


Code	No.	Ø mm ²	y	z	/	l
1830791	8145	0,5-6,0	255	10,04	560	1

8152 - 8153

CRIMP WRENCH for big terminals

- T Ratchet mechanism developed for uniform, reliable crimping of non-insulated crimp lug terminals to conductors and for ensuring completed crimping cycles and positive locking
- T Assymetrical press inserts for optimal termination
- T The press inserts mark the connector, to allow the correct use of the tool to be checked
- Long handles enable double-handed use and effortless crimping



Code	No.	Ø mm ² / AWG	y	/	l	G
2010313	8152	4-25 / 12-3	300	650	1	G
2010321	8153	10-75 / 7-2/0	500	2800	1	G

CIRCLIP PLIERS FOR RETAINING RINGS

CIRCLIP PLIERS SETS

S 8000

SET OF CIRCLIP PLIERS 4 pieces

T Most popular sizes, packed in environmentally-friendly cardboard box

B
A



Code	No.	Contents	/	l
6701030	S 8000	8000 A 2 A 21 8000 J 2 J 21	700	1

S 8010

SET OF CIRCLIP PLIERS 4 pieces

T Most popular sizes, packed in environmentally-friendly cardboard box

B
A



Code	No.	Contents	/	l
6702000	S 8010	8010 A 2 A 21 8010 J 2 J 21	700	1

S 8100

SET OF CIRCLIP PLIERS 4 pieces

T Most popular sizes, packed in environmentally-friendly cardboard box

B
A



Code	No.	Contents	/	l
6703080	S 8100	8000 A 1 A 2 8000 J 1 J 2	700	1

S 8008

SET OF CIRCLIP PLIERS 8 pieces

T Most popular sizes, packed in environmentally-friendly cardboard box


B
A



Code	No.	Contents	/	l
6700490	S 8008	8000 A 1 A 11 A 2 A 21 8000 J 1 J 11 J 2 J 21	1600	1




VS 8000
ASSORTMENT OF CIRCLIP PLIERS 48 pieces
 T Assortment of most popular sizes in sales stand



B
A

Code	No.	Contents	/	I
6751560	VS 8000	6x 8000 A 1 A 11 A 2 A 21 6x 8000 J 1 J 11 J 2 J 21	8000	1

VS 8010
ASSORTMENT OF CIRCLIP PLIERS 48 pieces
 T Assortment of most popular sizes in sales stand



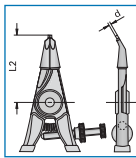
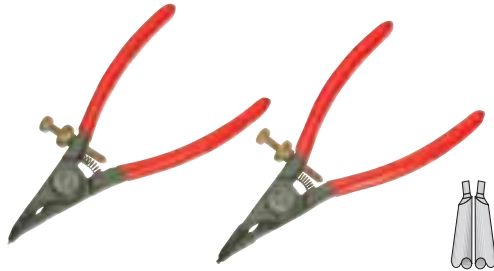
B
A

Code	No.	Contents	/	I
6750910	VS 8010	6x 8010 A 1 A 11 A 2 A 21 6x 8010 J 1 J 11 J 2 J 21	8000	1

CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS (SHAFTS)

T Forged GEDORE chrome-vanadium special hardened and tempered steel
 T Precision machined, oil hardened and annealed
 T For circlips as per DIN 471, DIN 983
 T Finish:
 Black with red dipped handles (8000)
 Chrome-plated with red dipped handles (8010)
 T SB = self-service pack (plastic hanging clip, Euro perforation, for self-service display wallboard)

8000 A 0G - A 2G
CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS
 T Similar to DIN 5254 Form A
 T A 0G - A 1G = nose angled 30°
 T A 2G = straight nose
 T With opening spring and adjusting screw to limit opening

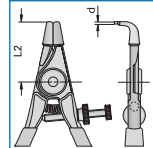
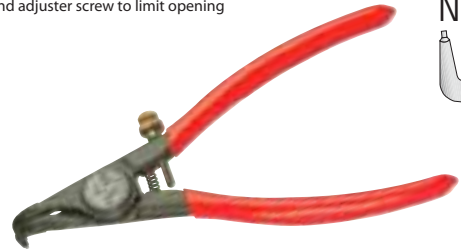
B
M

Code	No.	for Seeger circlips E	for Benzing clamping circlips E	L	L ₂	d	/	I
6700140	8000 A 0G	1,5-3,5	1,5-3,5	140	40	0.7	90	5
6700220	8000 A 1G	4,0-9,0	3,0-11,0	140	40	1.1	90	5
6700300	8000 A 2G	10,0-15,0	12,0-16,0	182	57	1.8	200	5

Code	No.	for Seeger circlips E	for Benzing clamping circlips E	L	L ₂	d	/	I
1700200	SB 8000 A 0G	1,5-3,5	1,5-3,5	140	40	0.7	100	5
1700219	SB 8000 A 1G	4,0-9,0	3,0-11,0	140	40	1.1	100	5
1700227	SB 8000 A 2G	10,0-15,0	12,0-16,0	182	57	1.8	210	5

Deviant packing units see article description.

8000 A 01G - A 21G
CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS
 T Similar to DIN 5254 Form B
 T 90° angled nose
 T With opening spring and adjuster screw to limit opening

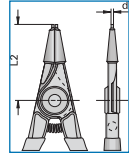

B
N

Code	No.	for Seeger circlips E	for Benzing clamping circlips E	L	L ₂	d	/	I
6700650	8000 A 01G	1,5-3,5	1,5-3,5	134	33	0.7	90	5
6700730	8000 A 11G	4,0-9,0	3,0-11,0	134	33	1.1	90	5
6700810	8000 A 21G	10,0-15,0	12,0-16,0	170	45	1.8	200	5

Code	No.	for Seeger circlips E	for Benzing clamping circlips E	L	L ₂	d	/	I
1700235	SB 8000 A 01G	1,5-3,5	1,5-3,5	134	33	0.7	100	5
1700243	SB 8000 A 11G	4,0-9,0	3,0-11,0	134	33	1.1	100	5
1700251	SB 8000 A 21G	10,0-15,0	12,0-16,0	170	45	1.8	210	5



8000 A 0 - A 4
CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS Form A
 T DIN 5254 Form A
 T Straight nose

B
M

Code	No.	E	F	L	L ₂	d	/	I
6701380	8000 A 0	3-10	5/32-3/8	141	40.0	0.9	82	5
6701460	8000 A 1	10-25	3/8-1	141	40.0	1.3	82	5
6701540	8000 A 2	19-60	3/4-2.3/8	182	54.0	1.8	167	5
6701620	8000 A 3	40-100	1.5/8-4	230	69.0	2.3	280	1
6701700	8000 A 4	85-140	3.3/8-5.1/2	320	85.5	3.2	550	1

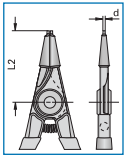
Code	No.	E	F	L	L ₂	d	/	I
1699180	SB 8000 A 0	3-10	5/32-3/8	141	40.0	0.9	92	5
1699199	SB 8000 A 1	10-25	3/8-1	141	40.0	1.3	92	5
1698257	SB 8000 A 2	19-60	3/4-2.3/8	182	54.0	1.8	177	5
1698273	SB 8000 A 3	40-100	1.5/8-4	230	69.0	2.3	290	1
1698303	SB 8000 A 4	85-140	3.3/8-5.1/2	320	85.5	3.2	560	1



8010 A 0 - A 4

CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS Form A
 T DIN 5254 Form A
 T Straight nose

B
M



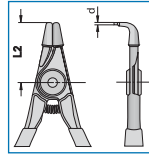
Code	No.	E	F	L	L ₂	d	/	I
6704800	8010 A 0	3-10	5/32-3/8	141	40.0	0.9	82	5
6704990	8010 A 1	10-25	3/8-1	141	40.0	1.3	82	5
6705020	8010 A 2	19-60	3/4-2.3/8	182	54.0	1.8	167	5
6705100	8010 A 3	40-100	1.5/8-4	230	69.0	2.3	280	1
6705290	8010 A 4	85-140	3.3/8-5.1/2	320	85.5	3.2	550	1

Code	No.	E	F	L	L ₂	d	/	I
1700278	SB 8010 A 0	3-10	5/32-3/8	141	40.0	0.9	92	5
1700286	SB 8010 A 1	10-25	3/8-1	141	40.0	1.3	92	5
1700294	SB 8010 A 2	19-60	3/4-2.3/8	182	54.0	1.8	177	5
1700308	SB 8010 A 3	40-100	1.5/8-4	230	69.0	2.3	290	1
1700316	SB 8010 A 4	85-140	3.3/8-5.1/2	320	85.5	3.2	560	1

8010 A 01 - A 41

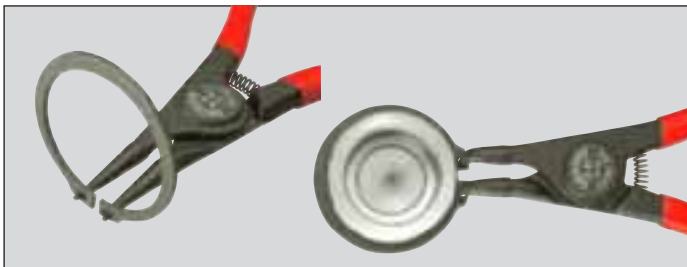
CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS Form B
 T DIN 5254 Form B
 T 90° angled nose

B
N



Code	No.	E	F	L	L ₂	d	/	I
6705960	8010 A 01	3-10	5/32-3/8	130	29	0.9	82	5
6706180	8010 A 11	10-25	3/8-1	130	29	1.3	82	5
6706260	8010 A 21	19-60	3/4-2.3/8	170	43	1.8	167	5
6706340	8010 A 31	40-100	1.5/8-4	210	53	2.3	280	1
6706930	8010 A 41	85-140	3.3/8-5.1/2	305	64	3.2	550	1

Code	No.	E	F	L	L ₂	d	/	I
1700324	SB 8010 A 01	3-10	5/32-3/8	130	29	0.9	92	5
1700332	SB 8010 A 11	10-25	3/8-1	130	29	1.3	92	5
1700340	SB 8010 A 21	19-60	3/4-2.3/8	170	43	1.8	177	5
1700359	SB 8010 A 31	40-100	1.5/8-4	210	53	2.3	290	1
1700367	SB 8010 A 41	85-140	3.3/8-5.1/2	305	64	3.2	560	1



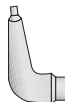
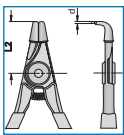
8000 A 02 - A 42

CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS
 T Similar to DIN 5254 Form B
 T 45° angled nose

8000 A 01 - A 41

CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS Form B
 T DIN 5254 Form B
 T 90° angled nose

B
N



Code	No.	E	F	L	L ₂	d	/	I
6702270	8000 A 01	3-10	5/32-3/8	130	29	0.9	82	5
6702350	8000 A 11	10-25	3/8-1	130	29	1.3	82	5
6702430	8000 A 21	19-60	3/4-2.3/8	170	43	1.8	200	5
6702510	8000 A 31	40-100	1.5/8-4	210	53	2.3	280	1
6702780	8000 A 41	85-140	3.3/8-5.1/2	305	64	3.2	600	1

Code	No.	E	F	L	L ₂	d	/	I
1699237	SB 8000 A 01	3-10	5/32-3/8	130	29	0.9	92	5
1699245	SB 8000 A 11	10-25	3/8-1	130	29	1.3	92	5
1699253	SB 8000 A 21	19-60	3/4-2.3/8	170	43	1.8	210	5
1698281	SB 8000 A 31	40-100	1.5/8-4	210	53	2.3	290	1
1699288	SB 8000 A 41	85-140	3.3/8-5.1/2	305	64	3.2	610	1



Code	No.	E	F	L	L ₂	d	/	I
2015021	8000 A 02	3-10	5/32-3/8	139	38.0	0.9	80	5
2015048	8000 A 12	10-25	3/8-1	139	38.0	1.3	82	5
2015056	8000 A 22	19-60	3/4-2.3/8	179	51.0	1.8	167	5
2015064	8000 A 32	40-100	1.5/8-4	226	65.0	2.3	280	1
2015072	8000 A 42	85-140	3.3/8-5.1/2	315	80.5	3.2	550	1



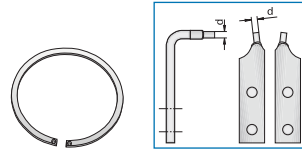
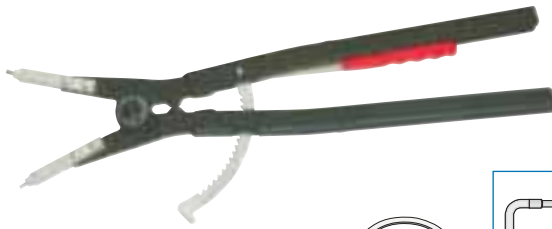


8000 A 4 - A 6

CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS

- T Straight nose
- T Tips and lock lever zinc-plated
- T Black powder-coated
- T Lever handle-end dip-insulated
- T Finger protection
- T Reinforced safety arms
- T E-8000 A = pair of spare tips

B
M



Code	No.	E	F	d	y	/	l	G
2011778	8000 A 4 EL	85-140	3.3/8-5.1/2	3.2	550	1900	1	G
6701890	8000 A 5	122-300	4.13/16-11.7/8	3.5	550	1900	1	
6701970	8000 A 6	252-400	9.15/16-15.13/16	4.5	586	1950	1	
2011670	E-8000 A 4 EL			3.2		50	1	G
5701840	E-8000 A 5			3.5		50	1	
5701920	E-8000 A 6			4.5		50	1	

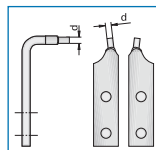
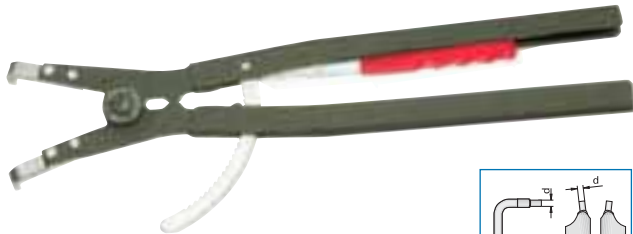


8000 A 41 - A 61

CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS

- T 90° angled nose
- T Tips and lock lever zinc-plated
- T Lever handle-end dip-insulated
- T Finger protection
- T Reinforced safety arms
- T E-8000 A = pair of spare tips

B
N



Code	No.	E	F	d	y	/	l	G
2011786	8000 A 41 EL	85-140	3.3/8-5.1/2	3.2	560	1950	1	G
6702860	8000 A 51	122-300	4.13/16-11.7/8	3.5	560	1950	1	
6718430	8000 A 61	252-400	9.15/16-15.13/16	4.5	585	1980	1	
2011697	E-8000 A 41 EL			3.2		50	1	G
5702810	E-8000 A 51			3.5		50	1	
5701760	E-8000 A 61			4.5		50	1	

CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS (BORES)

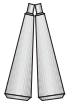
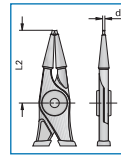
- T Forged GEDORE chrome-vanadium special hardened and tempered steel
- T Precision machined, oil hardened and annealed
- T For circlips as per DIN 472, DIN 984
- T Finish:
 - Black with blue dipped handles (8000)
 - Chrome-plated with blue dipped handles (8010)
- T SB = self-service pack (plastic hanging clip, Euro perforation, for self-service display wallboard)

8000 J 0 - J 4

CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS Form C

- T DIN 5256 Form C
- T Straight nose

A
M



Code	No.	C	D	L	L ₂	d	/	l
6703240	8000 J 0	8-13	3/8-9/16	141	41.0	0.9	72	5
6703320	8000 J 1	12-25	3/8-1	141	41.0	1.3	72	5
6703400	8000 J 2	19-60	3/4-2.3/8	183	54.0	1.8	146	5
6703590	8000 J 3	40-100	1.5/8-4	230	68.0	2.3	230	1
6703670	8000 J 4	85-140	3.3/8-5.1/2	322	84.5	3.2	490	1

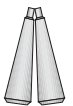
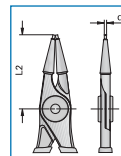
Code	No.	C	D	L	L ₂	d	/	l
1699296	SB 8000 J 0	8-13	3/8-9/16	141	41.0	0.9	82	5
1699318	SB 8000 J 1	12-25	3/8-1	141	41.0	1.3	82	5
1698311	SB 8000 J 2	19-60	3/4-2.3/8	183	54.0	1.8	156	5
1698346	SB 8000 J 3	40-100	1.5/8-4	230	68.0	2.3	240	1
1699342	SB 8000 J 4	85-140	3.3/8-5.1/2	322	84.5	3.2	500	1

8010 J 0 - J 4

CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS Form C

- T DIN 5256 Form C
- T Straight nose

A
M



Code	No.	C	D	L	L ₂	d	/	l
6705370	8010 J 0	8-13	3/8-9/16	141	41.0	0.9	72	5
6705450	8010 J 1	12-25	3/8-1	141	41.0	1.3	72	5
6705530	8010 J 2	19-60	3/4-2.3/8	183	54.0	1.8	146	5
6705610	8010 J 3	40-100	1.5/8-4	230	68.0	2.3	230	1
6705880	8010 J 4	85-140	3.3/8-5.1/2	322	84.5	3.2	490	1

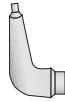
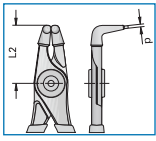
Code	No.	C	D	L	L ₂	d	/	l
1700375	SB 8010 J 0	8-13	3/8-9/16	141	41.0	0.9	82	5
1700383	SB 8010 J 1	12-25	3/8-1	141	41.0	1.3	82	5
1700391	SB 8010 J 2	19-60	3/4-2.3/8	183	54.0	1.8	156	5
1700413	SB 8010 J 3	40-100	1.5/8-4	230	68.0	2.3	240	1
1700421	SB 8010 J 4	85-140	3.3/8-5.1/2	322	84.5	3.2	500	1



8000 J 01 - J 41

CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS Form D
 T DIN 5256 Form D
 T 90° angled nose

**A
N**



Code	No.	C	D	L	L ₂	d	/	I
6704130	8000 J 01	8-13	3/8-9/16	129	28	0.9	72	5
6704210	8000 J 11	12-25	3/8-1	129	28	1.3	72	5
6704480	8000 J 21	19-60	3/4-2.3/8	169	41	1.8	146	5
6704560	8000 J 31	40-100	1.5/8-4	214	50	2.3	230	1
6704640	8000 J 41	85-140	3.3/8-5.1/2	292	65	3.2	490	1

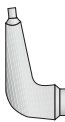
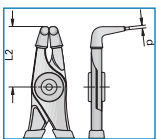
Code	No.	C	D	L	L ₂	d	/	I
1699482	SB 8000 J 01	8-13	3/8-9/16	129	28	0.9	82	5
1699490	SB 8000 J 11	12-25	3/8-1	129	28	1.3	82	5
1698338	SB 8000 J 21	19-60	3/4-2.3/8	169	41	1.8	156	5
1699512	SB 8000 J 31	40-100	1.5/8-4	214	50	2.3	240	1
1699520	SB 8000 J 41	85-140	3.3/8-5.1/2	292	65	3.2	500	1



8010 J 01 - J 41

CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS Form D
 T DIN 5256 Form D
 T 90° angled nose

**A
N**



Code	No.	C	D	L	L ₂	d	/	I
6706420	8010 J 01	8-13	3/8-9/16	129	28	0.9	72	5
6706500	8010 J 11	12-25	3/8-1	129	28	1.3	72	5
6706690	8010 J 21	19-60	3/4-2.3/8	169	41	1.8	146	5
6706770	8010 J 31	40-100	1.5/8-4	214	50	2.3	230	1
6706850	8010 J 41	85-140	3.3/8-5.1/2	292	65	3.2	490	1

Code	No.	C	D	L	L ₂	d	/	E
1700448	SB 8010 J 01	8-13	3/8-9/16	129	28	0.9	82	5
1700456	SB 8010 J 11	12-25	3/8-1	129	28	1.3	82	5
1700464	SB 8010 J 21	19-60	3/4-2.3/8	169	41	1.8	156	5
1700472	SB 8010 J 31	40-100	1.5/8-4	214	50	2.3	240	1
1700480	SB 8010 J 41	85-140	3.3/8-5.1/2	292	65	3.2	500	1

8000 J 02 - J 42

CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS
 T Similar to DIN 5256 Form D
 T 45° angled nose

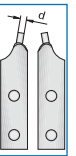
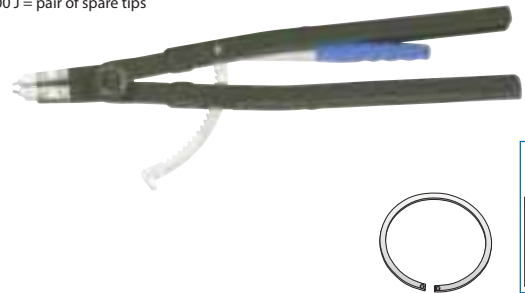


Code	No.	C	D	L	L ₂	d	/	I
2014963	8000 J 02	8-13	3/8-9/16	139	39.0	0.9	72	5
2014971	8000 J 12	12-25	3/8-1	139	39.0	1.3	72	5
2014998	8000 J 22	19-60	3/4-2.3/8	180	52.0	1.8	146	5
2015005	8000 J 32	40-100	1.5/8-4	226	64.0	2.3	230	1
2015013	8000 J 42	85-140	3.3/8-5.1/2	316	78.5	3.2	590	1

8000 J 4 - J 6

CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS
 T Straight nose
 T Tips and lock lever zinc-plated
 T Black powder-coated
 T Lever handle-end dip-insulated
 T Finger protection
 T Reinforced safety arms
 T E-8000 J = pair of spare tips

**A
M**

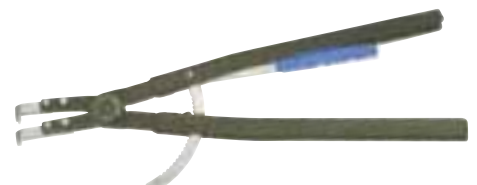
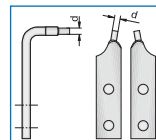


Code	No.	C	D	d	y	/	I	G
2011794	8000 J 4 EL	85-140	3.3/8-5.1/2	3.2	565	1890	1	G
6703750	8000 J 5	122-300	4.13/16-11.7/8	3.5	565	1890	1	
6703830	8000 J 6	252-400	9.15/16-15.13/16	4.5	575	1900	1	
2011700	E-8000 J 4 EL			3.2		50	1	G
5703700	E-8000 J 5			3.5		50	1	
5703890	E-8000 J 6			4.5		50	1	

8000 J 41 - J 61

CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS
 T 90° angled nose
 T Tips and lock lever zinc-plated
 T Lever handle-end dip-insulated
 T Finger protection
 T Reinforced safety arms
 T E-8000 J = pair of spare tips

**A
N**



Code	No.	C	D	d	y	/	I	G
2011808	8000 J 41 EL	85-140	3.3/8-5.1/2	3.2	575	1940	1	G
6704720	8000 J 51	122-300	4.13/16-11.7/8	3.5	575	1940	1	
6718510	8000 J 61	252-400	9.15/16-15.13/16	4.5	579	1960	1	
2011719	E-8000 J 41 EL			3.2		50	1	G
5704780	E-8000 J 51			3.5		50	1	
5702730	E-8000 J 61			4.5		50	1	



CIRCLIP PLIERS FOR RETAINING RINGS (PARALLEL)

T By using appropriately spaced clamping tips, the circlip is securely clamped before any opening force is applied by the pliers. This avoids unnecessary movement of the pliers, and allows the circlip to be fully opened. The special parallel action of the clamping tips and their recesses in the direction of the applied pressure ensure that the circlip is securely and safely clamped. DBG M = German Utility Patent.

8005 A

CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS

T For shafts
T Supplied with four different clamping tips

B



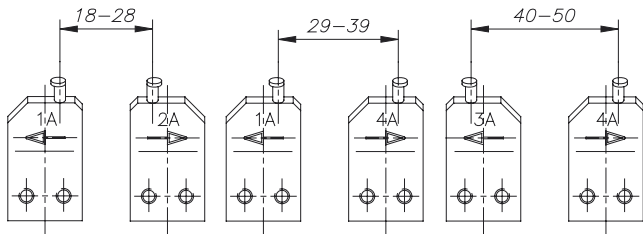
Code	No.	E	Q	P	y	/	I
6707150	8005 A	305-500	4.5	5,9	665	3650	1

E-8005 A

SPARE TIPS for external retaining rings (per piece)

Instructions for use:

- T The spacing of holes for non-tensioned circlips is normally between 20 mm and 50 mm
- T The tips used to spread the rings are fitted to match the opening width of the non-tensioned circlip
- T Opening widths 18-28 mm: Combination tips E-8005 1 A and E-8005 2 A
- T Opening widths 29-39 mm: Combination tips E-8005 1 A and E-8005 4 A
- T Opening widths 40-50 mm: Combination tips E-8005 3 A and E-8005 4 A



Code	No.	/	I
5700790	E-8005 1 A	100	1
5702220	E-8005 2 A	100	1
5702300	E-8005 3 A	100	1
5702490	E-8005 4 A	100	1



Deviant packing units see article description.

8005 J

CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS

T For bores
T Supplied with six different clamping tips

A



Code	No.	C	Q	P	y	/	I
6707230	8005 J	305-500	4.5	5,9	705	3350	1

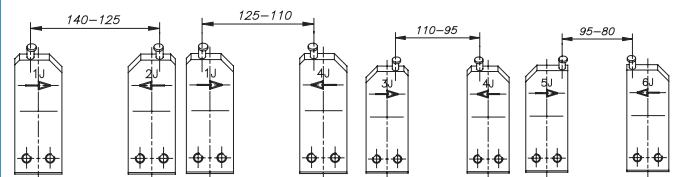


E-8005 J

SPARE TIPS for internal retaining rings (per piece)

Instructions for use:

- T The spacing of holes for non-tensioned circlips is normally between 80 mm and 140 mm
- T The tips used to spread the rings are fitted to match the opening width of the non-tensioned circlip
- T Opening widths 140-125 mm: Combination tips E-8005 1 J and E-8005 2 J
- T Opening widths 125-110 mm: Combination tips E-8005 1 J and E-8005 4 J
- T Opening widths 110-95 mm: Combination tips E-8005 3 J and E-8005 4 J
- T Opening widths 95-80 mm: Combination tips E-8005 5 J and E-8005 6 J



Code	No.	/	I
5703380	E-8005 1 J	100	1
5703460	E-8005 2 J	100	1
5704190	E-8005 3 J	100	1
5703540	E-8005 4 J	100	1
5703620	E-8005 5 J	100	1
5703970	E-8005 6 J	100	1

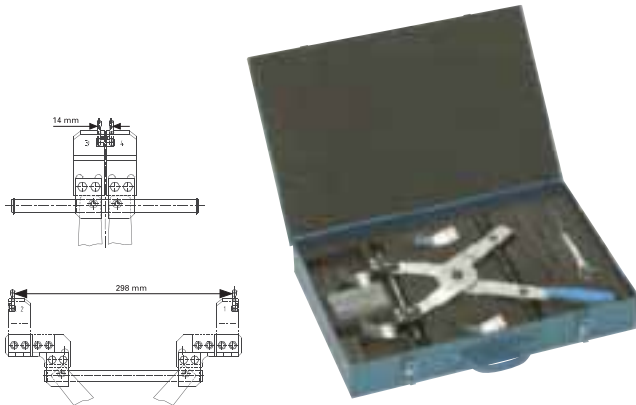


CIRCLIP PLIERS X-GRIP

S 8006

X-GRIP CIRCLIP PLIERS SET

- T Universal circlip pliers for risk-free gripping and fitting of internal and external circlips (DIN 471/472) from 252 to 1000 mm diameter
- T Pliers with adaptor, basic body - no. 1/2 + tip Ø 5.9 mm and no. 3/4 + tip Ø 4.5 mm
- T Special tools for changing tips and adaptors
- T Single open ended spanner no. 894 10 + 894 15
- T Hexagon socket key no. 42 2 mm
- T 4 Spare threaded pins M4x4
- T Ratchet no. 3093 Z (for quick adjustment)
- T Plastic box E-1000 P
- T Rugged sheet steel case with foam insert



Code	No.	/	l
1896237	S 8006	7300	1

8006

X-GRIP CIRCLIP PLIERS

- T Universal circlip pliers for risk-free gripping and fitting of internal and external circlips (DIN 471/472) from 252 to 1000 mm diameter
- T Particularly suited for working in confined spaces. Instead of using a long lever, the required force is transmitted by a threaded spindle. This ensures safe, fatigue-free gripping. Operated by a 15 mm open ended spanner or a 3/8" ratchet (e.g. 3093 Z-94)
- T Solid, hardened sliding bar ensures parallel tip action
- T Stop lugs reliably prevent circlips slipping off
- T Quick changeover between internal and external circlips by rotating tips through 180°
- T Tips made from tempering steel, carefully hardened and annealed, easy to replace
- T DBGM

**B
A**



Code	No.	E	Q	P	/	l
1394401	8006	252-1000	4.5	5,9	3435	1

E-8006

X-GRIP PARTS

Code	No.	Description	/	l
1575333	E-8006 1	Basic body no. 1 with spare tip 5.9 mm Ø	108	1
1575341	E-8006 2	Basic body no. 2 with spare tip 5.9 mm Ø	108	1
1896245	E-8006 3	Basic body no. 3 with spare tip 4.5 mm Ø	117	1
1896253	E-8006 4	Basic body no. 4 with spare tip 4.5 mm Ø	117	1
1896369	E-8006 X 4,5	Spare tip 4.5 mm Ø	5	1
1896350	E-8006 X 5,9	Spare tip 5.9 mm Ø	5	1
1910620	E-8006 X	Spindle with spindle bearing, 265 mm long	1	1

GRIP WRENCHES

137

GRIP WRENCH

- T With adjusting screw and release lever, model 137 10 with blue dip-insulated lever
- T Forged, hardened and tempered jaws, special jaw shape for secure gripping, clamping and holding
- T Automatically welded upper jaw - absolutely solid connection with the sheet steel body
- T Intelligent jaw design guarantees a three-point contact with all material cross-sections
- T Threaded bore welded at bottom
- T No widening under extreme loading
- T Safe release
- T Special spring keeps release lever under constant pressure
- T Nickel-plated



Code	No.	y	z	Ø	-	/	l
6406620	137 7	185	7	25	1	300	5
6406700	137 10	230	10	32	1.1/4	550	5
6407270	137 11	260	11	45	1.3/4	750	1
6406890	137 12	300	12	45	1.3/4	1000	1

Code	No.	y	z	Ø	-	/	l
1700022	SB 137 7	175	7	25	1	310	5
1700030	SB 137 10	240	10	32	1.1/4	560	5



137 K

SPECIAL BODY GRIP WRENCH

- T All 3 models with adjusting screw and dip-insulated release lever (blue), nickel-plated
- T 137 K1: Special jaws with flat clamping surfaces, 48x25 mm at top, 12x12 mm at bottom
- T 137 K2: Special jaws with domed clamping surfaces, 25x20 mm at top, 12x12 mm at bottom
- T 137 K3: Special jaws with flat clamping surfaces, 40x14 mm at top, 40x35 mm at bottom



Code	No.	/	l
1736531	137 K1	580	1
1736558	137 K2	550	1
1736566	137 K3	670	1



137 KR

GRIP WRENCH, LONG JAWS

- T With narrow jaws
- T For working in confined spaces
- T For clamping air and brake lines up to Ø 10 mm, copper lines Ø 12 mm
- T Nickel-plated



Code	No.	y	z	Ø	—	/	l
1954113	137 KR-7	210	280				1
1868039	137 KR-10	255	520				1

137 P

PARALLEL JAW GRIP WRENCH

- T 137 P With toothed jaws, for parallel clamping, with adjustment screw and release lever, jaw width 14 mm, jaw length 30 mm
- T 137 PA With smooth jaws for plumbing fittings and sensitive surfaces, jaws = 8 x 29 mm, nickel-plated
- T E-137 PB = PVC protective jaws for jaw width 14 x 30 mm



Code	No.	y	z	Ø	—	/	l
6407000	137 P	250	10	50	2	700	1
6407190	137 PA	250	10	50	2	700	1
5400130	E-137 PB					50	1

139

GEDORE SPECIAL GRIP WRENCH

- T With movable lower jaw for clamping over a large area
- T Release lever dip-insulated
- T Nickel-plated

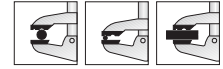


Code	No.	y	z	Ø	—	/	l
6407940	139	250	10	45	1.3/4	600	1
1700014	SB 139	250	10	45	1.3/4	610	1

136 SP

GRIP C-CLAMP

- T For clamping extra deep workpieces
- T With stop to fix the upper jaw at a constant position for repetition clamping
- T Nickel-plated



Code	No.	y	z	Ø	—	/	l
6406380	136 SP-100	260	10	100	4	900	1
6406540	136 SP-200	260	10	200	8	1050	1

136 BM

WIDE JAW GRIP WRENCH

- T For clamping edges and surfaces
- T 80 mm jaw width
- T Nickel-plated

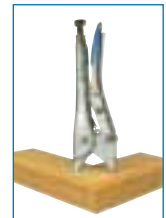


Code	No.	y	z	Ø	—	/	l
6406030	136 BM	200	8	30	1.1/4	370	1

137 T

GRIP WRENCH FOR GLUEING

- T Quick, universal glue-ups
- T Release lever blue dipped insulated
- T Nickel-plated



Code	No.	y	z	Ø	—	/	l
6403600	137 T	220	9	30-60	1.1/4-2.1/2	550	1

Code	No.	y	z	Ø	—	/	l
1700006	SB 137 T	220	9	30-60	1.1/4-2.1/2	560	1

137 MSP

MACHINE WORKBENCH CLAMP

- T For fast, secure clamping of a variety of workpieces
- T Suitable for tenon blocks threaded M8, M10 or M12
- T GEDORE special vanadium steel, nickel-plated
- T Release lever dip-insulated
- T Tenon block not included



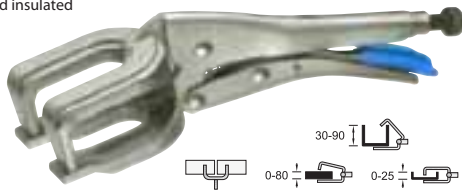
Code	No.	y	z	Ø	—	/	l
6408080	137 MSP	280	11	100	4	1000	1



138

WELDER'S GRIP WRENCH

- T For clamping strips and profile sections when welding
- T Malleable cast iron jaws
- T Nickel-plated
- T Release lever blue dipped insulated



Code	No.	y	z	/	l
6407350	138	280	11	900	1

138 X

WELDER'S GRIP WRENCH FOR TUBES

- T For clamping tubes and round stock when welding
- T Malleable cast iron jaws
- T Nickel-plated
- T Release lever dip-insulated



Code	No.	y	z	O	/	l
6407510	138 X	280	11	10-90	3/8-3.1/2	900 1

138 Y

PROFILE-SECTION GRIP WRENCH

- T For clamping bulky profile and angle sections
- T Strong forged jaws
- T GEDORE chrome-vanadium steel, nickel-plated
- T Release lever dip-insulated



Code	No.	y	z	O	P	/	l
6407860	138 Y	280	11	95	3.3/4	75 3	700 1

Code	No.	y	z	O	P	/	l
1700049	SB 138 Y	280	11	95	3.3/4	75 3	710 1

138 Z

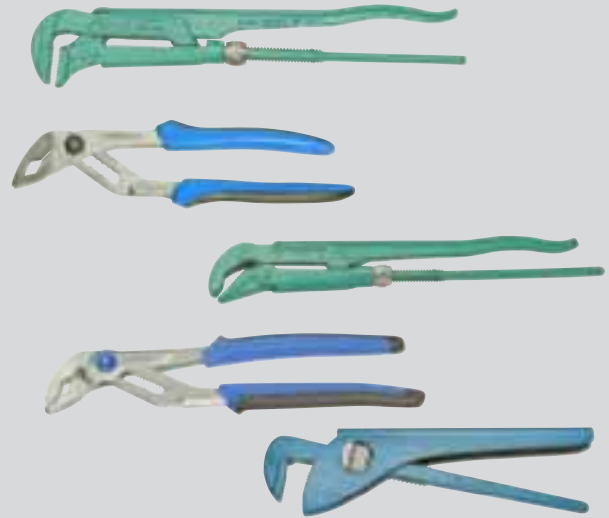
PROFILE-SECTION GRIP WRENCH

- T For clamping extremely bulky profile sections
- T Jaws made from forged and welded GEDORE chrome-vanadium special steel
- T Extra wide clamping width
- T Nickel-plated
- T Release lever dip-insulated



Code	No.	y	z	O	P	/	l
6410730	138 Z-460	460	18	280	11	250 10	1000 1
6410810	138 Z-600	600	24	400	16	400 16	1300 1

T Our extensive range of pipe wrenches, universal pliers and water pump pliers is listed up from page 342



BOLT CUTTERS

177

BOLT CUTTER

- T Normal cutting performance
- T Cutters made from high-carbon manganese-vanadium steel
- T Induction hardened to Rockwell HRC 55-60
- T Cam bolts for parallel adjustment of cutters
- T Tensile strength 1125-1230 N/mm², tubular steel handles
- T Cutting heads gun-metal finished, handles enamelled, with rubber hand-grips



Code	No.	y	z	/	l
6438820	177 18	450	18	1700	1
6438900	177 24	600	24	2800	1
6439040	177 30	750	30	4200	1
6439120	177 36	900	36	6400	1
6439200	177 42	1050	42	8600	1

Code	No. Spare head	/	l
5438880	E-177 18	650	1
5438960	E-177 24	1030	1
5439180	E-177 30	1550	1
5439260	E-177 36	2000	1
5439340	E-177 42	2600	1



Detailed information on products, promotions and trade fairs

... www.gedore.com





178

BOLT CUTTER SUPER

- T Extra strong cutting performance
- T Cutters made from high-carbon manganese-vanadium steel
- T Induction hardened to Rockwell HRC 58-62
- T Cam bolts for parallel adjustment of cutters
- T Tensile strength 1125-1230 N/mm², tubular steel handles
- T Cutting heads and handles enamelled red, with rubber hand-grips



Code	No.	y	z	/	l
6439470	178 18	450	18	1700	1
6439550	178 24	600	24	2800	1
6439630	178 30	750	30	4200	1
6439710	178 36	900	36	6400	1
6439980	178 42	1050	42	8600	1

Code	No. Spare head	/	l
5439420	E-178 18	650	1
5439500	E-178 24	1030	1
5439690	E-178 30	1550	1
5439770	E-178 36	2000	1
5439930	E-178 42	2600	1

L Zoll	Maximum cutting power in mm											
	in round steel, hardness						in threaded bolts hardness phases					
	145 HB 30 ≈ 490 N/mm ² tensile strength		230 HB 30 ≈ 765 N/mm ² tensile strength		385 HB 30 ≈ 1295 N/mm ² tensile strength		5,6 (5 D)		8,8 (8 D)		10,9 (10 K)	
No.	177	178	177	178	177	178	177	178	177	178	177	178
18"	7	8	6	7	5	6	7	8	6	7	5	6
24"	9	10	8	9	6,5	8	8	10	7	8	6	7
30"	10	12	9	10	8	9	10	12	8	10	7	8
36"	12	14	10	12	9	10	12	1	10	12	8	10
42"	14	16	11	14	10	11	14	16	12	14	10	12

9850

CUTTER FOR CONSTRUCTION STEEL MATS

- T Knife and tube head in special steel, hot forged
- T Adjustable by means of adjusting screw
- T Max. cutting power in round stock 40 HRC



Code	No.	max.	y	o	l
4534390	985095	9 or 2 x 8	950	4.5	1

E 9850

SPARE PARTS



Code	No.	/	l
4624030	985109	980	1
	Spare knife head		
1468065	985809	120	1
	Adjusting screw with 2 nuts		
1912607	985500	305	1
	Screw set		



VDE insulated safety tools are listed up from page 256





RZB1-2

PLIERS SET 6 pieces



Code	No.	Contents	/	£
1708155	RZB1-2	8098-160 JC 8120-160 JC 8122-160 JC 8132-160 JC 8250-180 JC 8316-180 JC	1660	1

RZB1-10

PLIERS SET 4 pieces



Code	No.	Contents	/	£
1701290	RZB1-10	137 10 145 10 JC 8250-200 JC 247 H-35	2424	1

RZB1-3

PLIERS SET 8 pieces



B
A
M
N

Code	No.	Contents	/	£
1692275	RZB1-3	8000 A 1 8000 A 11 8000 A 2 8000 A 21 8000 J 1 8000 J 11 8000 J 2 8000 J 21	1475	1

RZB1-11

PLIERS SET 4 pieces



B
A
M
N

Code	No.	Contents	/	£
1692283	RZB1-11	8000 A 2 8000 A 21 8000 J 2 8000 J 21	1155	1



RZB1-15

PLIERS SET 4 pieces



Code	No.	Contents	/	€
1823264	RZB1-15	8098-160 JC 8132-160 JC 8250-180 JC 8314-160 JC	1320	1



RZB1-16

TOOL SET 6 pieces



P
?
;

Code	No.	Contents	/	€
1823671	RZB1-16	8250-180 JC 8316-160 JC 2150 4 6,5 2160 PH 1 2	1305	1

Deviant packing units see article description.

RZB2-12

PLIERS SET 3 pieces



Code	No.	Contents	/	€
1692305	RZB2-12	8132-160 JC 8250-180 JC 8316-160 JC	875	1

RZB1-18CR

PLIERS SET 2 pieces + accessories



Code	No.	Contents	/	I	G
1895249	RZB1-18CR	8141 8146 End-sleeves 0.50 0.75 1.00 1.50 2.50 4.00 6.00	3300	1	G



GEDORE



INNOVATIVE TECHNOLOGY POWERFUL PULLING

OVERVIEW

- ┆ Puller 2-arm pattern
- ┆ Puller 3-arm pattern
- ┆ Puller hydraulic
- ┆ Special tools
- ┆ Ball bearing extractor
- ┆ Bearing separator
- ┆ Internal extractor







Different requirements are placed on the various subassemblies of a puller. We take due account of this by hot forming the ideal steel for each subassembly.

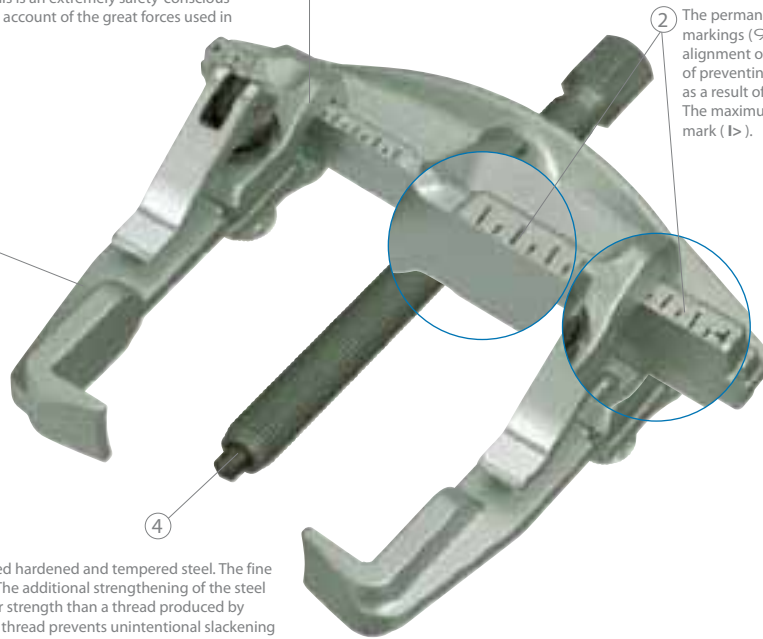
2-ARM PULLERS

① GEDORE cross-beams are hot forged in the forging die from hardened and tempered steel, giving them all the benefit of drop-forged components. A safety-relevant feature is the warning of overloading by the cross-beam bending. This is an extremely safety-conscious manufacturing process, taking account of the great forces used in pulling.

② The permanently laser-marked check tool alignment markings (↔) simplify the symmetrical alignment of the legs. This is a simple way of preventing any tilting during pulling, as a result of incorrectly positioned legs. The maximum spread is given by an end mark (|>).

③ Our quick-release legs are hot forged from 31CrV3, hardened and tempered. They form a positive fit with the cross-beam. The quick-release leg ensures easy setting and adjustment of the legs.

④ The spindle is made from turned hardened and tempered steel. The fine thread is subsequently rolled. The additional strengthening of the steel gives the rolled thread a higher strength than a thread produced by cutting. The lower pitch of fine thread prevents unintentional slackening resulting from impacts. The nitro-carburised spindle is maintenance-free. No oiling or greasing necessary! The tip of the spindle is equally suited to centred and non-centred shafts.



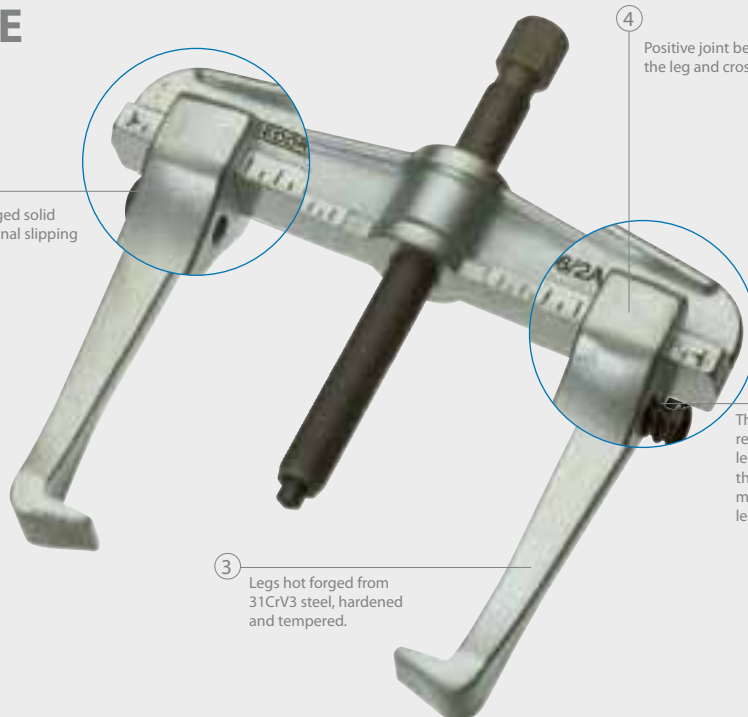
LEG BRAKE

① The leg brake secures forged solid steel legs from unintentional slipping

④ Positive joint between the leg and cross-beam.

② The brake is unlatched by pressing on the release button. When the button is pressed, the leg can be slid along the cross-beam. Releasing the button locks the leg on the cross-beam. This minimizes the risk of accidents, resulting from legs slipping off.

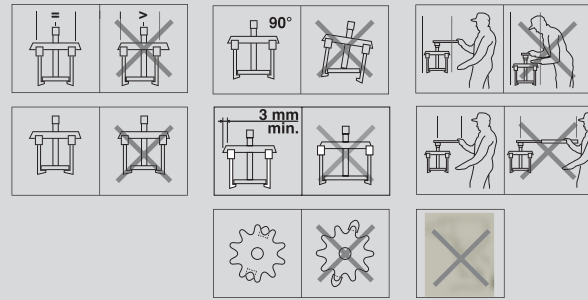
③ Legs hot forged from 31CrV3 steel, hardened and tempered.





SAFETY NOTES

- T Use only original spare parts and accessories for your GEDORE puller. Never use worn, modified or defective spare parts or accessories.
- T Wear goggles and protective clothing when working. For more safety, use the GEDORE safety cover 5.10!
- T Before pulling, ensure that the legs are in contact with the part to be pulled and are firmly tightened so that the spindle operates centrally along the axis of the puller.
- T Attention! When using a puller, forces of up to several tonnes are generated! Take care to ensure that the puller is correctly positioned and is vertical to the component being pulled.
- T Do not use electric or pneumatic power or percussion drivers.



SPINDLE SUMMARY

SPINDLE SUMMARY				
T KS = ball tip, exchangeable				
Code	No.	Size/Drive	Threads	usable length
1084739	129.106	14	M 10x1,5	160
1084445	1.1206110	14	M 12x1,5	110
1084747	129.206	14	M 12x1,75	195
1084453	1.1406050	17	M 14x1,5	50
1084461	1.1406125	17	M 14x1,5	125
1084488	1.1406140	17	M 14x1,5	140
1546821	1.1406140KS	17	M 14x1,5	140
1084798	144.15006	17	M 14x1,5	150
1084518	1.1406155	17	M 14x1,5	155
1576224	1.1406200	17	M 14x1,5	200
1084755	129.306	17	M 14x2,0	210
1084526	1.1806080	19	M 18x1,5	80
1084542	1.1806130	19	M 18x1,5	130
1084550	1.1806170	19	M 18x1,5	170
1084569	1.1806200	19	M 18x1,5	200
1084763	129.406	19	M 18x2,5	230
1084577	1.2106110	22	G 1/2"	110
1084585	1.2106160	22	G 1/2"	160
1084623	1.2106175	22	G 1/2"	175
1084593	1.2106210	22	G 1/2"	210
1546872	1.2106210KS	22	G 1/2"	210
1084631	1.2106250	22	G 1/2"	250
1084658	1.2106350	22	G 1/2"	350
1084771	129.506	22	M 20x2,5	235
1084666	1.2606180	27	G 3/4"	200
1084674	1.2606280	27	G 3/4"	280
1546910	1.2606280KS	27	G 3/4"	280
1084690	1.3306310	36	G 1"	310
1084704	1.3306360	36	G 1"	360
1084712	1.3306500	36	G 1"	500
1084720	1.4206270	41	G 1.1/4"	270

SAFETY COVER

5.10

SAFETY COVER SIZE 1

- T At pulling forces of 18 t, these PVC safety covers provide maximum active-safety protection from suddenly detaching ball bearings, driving pinions or small parts. The safety covers are extremely flexible, making them suitable for all situations.
- T Dimensions 510 x 915 mm
- T Double-ply welded = double safety (total thickness at 0.5 mm = 1.0 mm)
- T Tear strength: longitudinal 23 N/mm² lateral 21 N/mm²
- T Two straps for variable adjustment
- T Press stud fasteners for added safety - no flapping ends
- T UV resistant
- T Temperature resistant at -25°C to +50°C
- T Storage in the supplied carry bag guarantees long service life



Code	No.	Q
1868195	5.10	3.9

BEARING ASSEMBLY

1.85/1

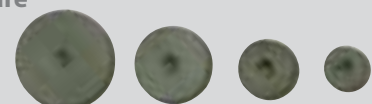
PROFESSIONAL PLASTIC BEARING INSTALLATION SET

- T The impact-resistant plastic is handily light, but just as robust as the metal variants
- T Using this bearing installation set more than 200 types of bearings may be re-installed effortlessly and without damage
- T Set comprises: 33 impact rings, 3 aluminium impact sleeves, 10-50 mm for external Ø 26-110 mm, 1 recoil-free bodywork hammer with nylon heads
- T In a strong plastic case, dimensions 450 x 360 x 140 mm



Code	No.	Q
1120778	1.85/1	5.2

Spindle pressure pads are listed on page 244





PULLER 2-/3-ARMS

1.04 PULLER

Concentrated power forged from steel

Working principle



1 The quick-action clamping device guarantees fast and uncomplicated setting and adjustment.

2 The legs with the T-profile guarantee the optimum positive transmission of force. Even the practical quick-action adjustment is protected by patent.

3 The cross-beam is impressive with its clear design. The robust force arms are designed for the highest loads.

4 The spindle is made from special high-grade steel. A special process during the thread manufacture and the thermo-chemical hardening guarantee the highest resistance force.

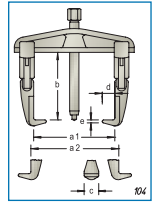
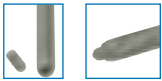
5 The tips of the spindle are equipped for different applications. Ball and tips can be easily and quickly exchanged.

6 The setting scale (ϕ) is a visual aid to parallel alignment of the legs to the spindle, ensuring a uniform distribution of forces

1.04

UNIVERSAL PULLER 2-arm pattern

- T Cross-beam with bending-moment reinforcement
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Cantilever design of legs enhances pulling power
- T Quick-action legs
- T Spindle with replaceable ball and tip
- T Spindle thermo-chemically hardened
- T Upgradeable with hydraulic spindle

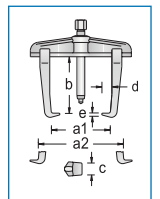


Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	cl	§	c	d	e	max.t	ϕ	Ø
1307703	1.04/1A	130	70	170	100	M 14x1,5 x 140		17	22	12	3.0	3.0	x	1.2
1307827	1.04/2A	200	110	260	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	x	3.4
1307940	1.04/3A	350	150	420	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	7.7

1.04/B

UNIVERSAL PULLER 2-arm pattern, rigid legs with leg brake

- T Similar to universal puller no. 1.04/1A to 1.04/3A, but with rigid legs and leg brake
- T Prevents unintentional leg slipping. The leg can be slid along the cross-beam at the push of a button
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Upgradeable with hydraulic spindle



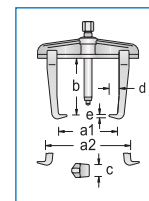
Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	cl	§	c	d	e	max.t	ϕ	Ø
1981110	1.04/1A-B	130	70	170	100	M 14x1,5 x 140		17	22	15	3.0	3.0	x	1.2
1981129	1.04/2A-B	200	110	260	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	5.0	x	3.4
1981137	1.04/3A-B	350	150	420	200	G 3/4 x 280	1.06/HSP2	27	36	33	5.0	7.5	x	7.7



1.04/HP

UNIVERSAL PULLER HIGH POWER 2-arm pattern

- T Cross-beam especially hardened and tempered allows safe application of extremely high pulling forces and doubles the tensile force capability
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Cantilever leg enhances power
- T Spindle with replaceable ball and tip point
- T Upgradeable with hydraulic spindle

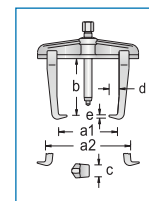


Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	cl	§	c	d	e	max. t	∅	Ø
1868152	1.04/HP1A	130	70	170	100	M 14x1,5 x 140		17	22	12	3.0	6.0	x	1.2
1868160	1.04/HP2A	200	110	260	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	10.0	x	3.4
1868179	1.04/HP3A	350	150	420	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	15.0	x	7.7

1.04/HP-B

UNIVERSAL PULLER HIGH POWER 2-arm pattern, rigid legs with leg brake

- T Similar to universal puller no. 1.04/HP1A to 1.04/HP3A, but with rigid legs and leg brake
- T Prevents unintentional leg slipping. The leg can be slid along the cross-beam at the push of a button
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Upgradeable with hydraulic spindle

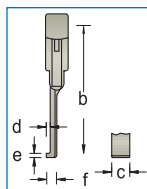


Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	cl	§	c	d	e	max. t	∅	Ø
1981145	1.04/HP1A-B	130	70	170	100	M 14x1,5 x 140		17	22	15	3.0	6.0	x	1.2
1981153	1.04/HP2A-B	200	110	260	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	10.0	x	3.4
1981161	1.04/HP3A-B	350	150	420	200	G 3/4 x 280	1.06/HSP2	27	36	32	5.0	15.0	x	7.7

1.04/E

PULLING LEGS set of 2 pieces

- T Quick-release pulling legs (1 pair) for 1.04



Code	No.	B	b	c	d	e	Ø
1308602	1.04/AT-E	1.04/1A	100	22	12	3.0	0.6
1308610	1.04/BT-E	1.04/2A	150	30	18	3.5	1.4
1308629	1.04/CT-E	1.04/3A	200	36	28	6.5	2.9

1.04/ST

PULLER SET on display stand

- T Consisting of 1.04/1A, 1.04/2A, 1.04/3A



Code	No.	B	Ø
1675982	1.04/ST	1.04/1A 1.04/2A 1.04/3A	15.2

COROSTOP Pullers are listed on page 255

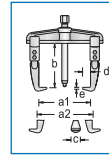




1.06

UNIVERSAL PULLER 2-arm pattern

- T Strong drop forged design
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Reversible legs for internal or external pulling
- T Available extras are replaceable legs for various clamping reaches
- T Upgradeable with hydraulic spindle

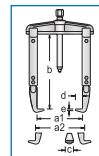


Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	d	§	c	d	e	max. t	∅	Ø
8000230	1.06/1	90	60	140	100	M 14x1,5 x 140		17	22	12	3.0	3.0	x	1.1
8000310	1.06/1A	130	70	180	100	M 14x1,5 x 140		17	22	12	3.0	3.0	x	1.2
8000580	1.06/2	160	80	220	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	x	3.0
8000660	1.06/2A	200	90	260	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	x	3.5
8000740	1.06/3	250	125	330	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	7.2
8000820	1.06/3A	350	125	420	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	8.2
8000900	1.06/4	520	185	600	200	G 1 x 310	1.06/HSP3	36	36	28	6.5	10.0	-	13.7
8112970	1.06/5	640	230	715	225	G 1 x 310	1.06/HSP3	36	50	33	10.0	18.0	-	23.5

1.06

UNIVERSAL PULLER 2-arm pattern, with extended legs

- T Similar to universal puller no. 1.06/1 to 1.06/4, but with extended pulling legs
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Upgradeable with hydraulic spindle

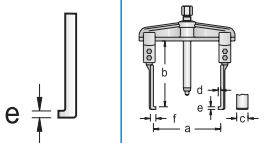


Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	d	§	c	d	e	max. t	∅	Ø
8108350	1.06/1-2	90	60	140	200	M 14x1,5 x 140		17	22	12	3.0	3.0	x	1.5
8108430	1.06/1A-2	130	70	180	200	M 14x1,5 x 140		17	22	12	3.0	3.0	x	1.6
8108510	1.06/2-3	160	80	220	300	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	x	4.1
8108780	1.06/2A-3	200	90	260	300	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	x	4.5
8001200	1.06/3-3	250	125	330	300	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	9.1
8108860	1.06/3A-3	350	125	420	300	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	9.8
8108940	1.06/4-3	520	185	600	300	G 1 x 310	1.06/HSP3	36	36	28	6.5	10.0	x	15.2
8109080	1.06/3-4	250	125	330	400	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	10.0
8109160	1.06/3A-4	350	125	420	400	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	11.1
8109240	1.06/4-4	520	185	600	400	G 1 x 310	1.06/HSP3	36	36	28	6.5	10.0	-	16.4
8109320	1.06/3-5	250	125	330	500	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	11.3
8112380	1.06/3A-5	350	125	420	500	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	12.2
8112460	1.06/4-5	520	185	600	500	G 1 x 310	1.06/HSP3	36	36	28	6.5	10.0	-	19.0

1.06/S

UNIVERSAL PULLER 2-arm pattern, with slim legs

- T The forged leg feet are very shallow
- T Particularly suitable for barely-accessible places
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required

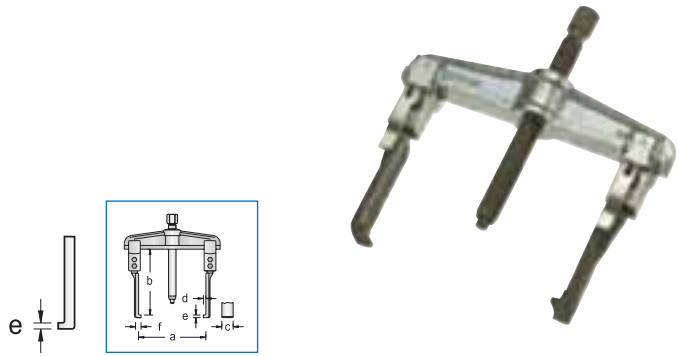


Code	No.	a	b	A	§	c	d	e	max. t	∅	Ø
8113510	1.06/S1	100	100	M 14x1,5 x 140	17	27	7.5	3.7	2.0	x	1.0
8113780	1.06/S1A	140	100	M 14x1,5 x 140	17	27	7.5	3.7	2.5	x	1.1
8114830	1.06/S2	160	150	G 1/2 x 210	22	40	7.0	5.0	5.0	x	2.9
8114910	1.06/S2A	200	150	G 1/2 x 210	22	40	7.0	5.0	5.0	x	3.2



**1.06/S-E****QUICK-ACTION PULLER 2-arm pattern, with slim legs**

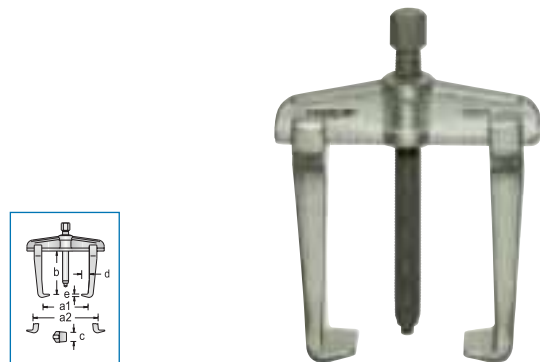
- T The forged leg feet are very shallow
- T Particularly suitable for barely-accessible places
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Safe and quick removal of pulleys, wheels, ball bearings, etc.



Code	No.	a	b	A	\$	c	d	e	max. t	∅	O	G
2015706	1.06/S1-E	100	100	M 14x1,5 x 140	17	27	7.5	3.7	2.0	x	1.0	G
2015714	1.06/S1A-E	140	100	M 14x1,5 x 140	17	27	7.5	3.7	2.5	x	1.1	G
2015722	1.06/S2-E	160	150	G 1/2 x 210	22	40	7.0	5.0	5.0	x	2.9	G
2015730	1.06/S2A-E	200	150	G 1/2 x 210	22	40	7.0	5.0	5.0	x	3.2	G

**1.06****UNIVERSAL PULLER 2-arm pattern, with rigid legs**

- T Similar to universal puller no. 1.06/1 to 1.06/4, but with rigid pulling legs
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Upgradeable with hydraulic spindle



Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	d	\$	c	d	e	max. t	∅	O
8001470	1.06/11	100	50	140	100	M 14x1,5 x 140		17	22	15	3.0	3.0	x	0.9
8001040	1.06/1A1	140	60	180	100	M 14x1,5 x 140		17	22	15	3.0	3.0	x	1.3
8001550	1.06/21	170	80	220	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	5.0	x	2.7
8001120	1.06/2A1	210	90	260	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	5.0	x	3.3
8001630	1.06/31	250	125	340	200	G 3/4 x 280	1.06/HSP2	27	36	32	5.0	7.5	x	6.6
8001390	1.06/3A1	340	125	430	200	G 3/4 x 280	1.06/HSP2	27	36	32	5.0	7.5	x	7.5
8109400	1.06/41	520	185	610	200	G 1 x 310	1.06/HSP3	36	36	32	5.0	10.0	-	14.0

1.06/B**UNIVERSAL PULLER 2-arm pattern, rigid legs with leg brake**

- T Similar to universal puller no. 1.06/11 to 1.06/41, but with leg brake
- T Prevents unintentional leg slipping. The leg can be slid along the cross-beam at the push of a button
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Upgradeable with hydraulic spindle



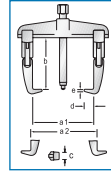
Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	d	\$	c	d	e	max. t	∅	O
1956337	1.06/11-B	100	50	140	100	M 14x1,5 x 140		17	22	15	3.0	3.0	x	0.9
1956345	1.06/1A1-B	140	60	180	100	M 14x1,5 x 140		17	22	15	3.0	3.0	x	1.3
1956353	1.06/21-B	170	80	220	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	5.0	x	2.8
1956361	1.06/2A1-B	210	90	260	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	5.0	x	3.3
1956388	1.06/31-B	250	125	340	200	G 3/4 x 280	1.06/HSP2	27	36	32	5.0	7.5	x	6.7
1956396	1.06/3A1-B	340	125	430	200	G 3/4 x 280	1.06/HSP2	27	36	32	5.0	7.5	x	7.5
1958399	1.06/41-B	520	185	610	200	G 1 x 310	1.06/HSP3	36	36	32	5.0	10.0	-	14.0



1.06/E

QUICK-ACTION PULLER 2-arm pattern

- T Safe and quick removal of pulleys, wheels, ball bearings, etc.
- T Strong drop forged pattern
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Reversible legs for internal or external pulling
- T Upgradeable with hydraulic spindle



Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	cl	Ø	c	d	e	max. t	ϕ	Ø
1213830	1.06/1-E	90	60	140	100	M 14x1,5 x 140		17	22	12	3.0	3.0	x	1.1
1215140	1.06/1A-E	130	70	180	100	M 14x1,5 x 140		17	22	12	3.0	3.0	x	1.3
1216570	1.06/2-E	160	80	220	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	x	3.0
1217720	1.06/2A-E	200	90	260	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	x	3.5
1218980	1.06/3-E	250	125	330	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	7.1
1220160	1.06/3A-E	350	125	420	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	x	8.2



Remember the safety cover!

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Detailed information on products, promotions and trade fairs

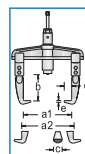
... www.gedore.com



1.06/HSP

UNIVERSAL PULLER hydraulic, 2-arm pattern

- T Strong drop forged pattern
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Reversible legs for internal or external pulling



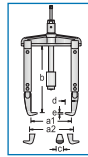
Code	No.	a ₁	a ₂	b	cl	c	d	e	max. t	max. N·m	ϕ	Ø
8000150	1.06/2-HSP1	160	220	75	1.06/HSP1	30	18	3.5	5.0	10	x	3.6
8002870	1.06/2A-HSP1	200	260	75	1.06/HSP1	30	18	3.5	5.0	10	x	4.0
8003170	1.06/3-HSP2	250	330	125	1.06/HSP2	36	28	6.5	7.5	14	x	7.5
8003920	1.06/3A-HSP2	350	420	125	1.06/HSP2	36	28	6.5	7.5	14	x	8.8
8004060	1.06/4-HSP3	520	600	90	1.06/HSP3	36	28	6.5	10.0	28	-	14.6
8004730	1.06/5-HSP3	640	715	110	1.06/HSP3	50	33	10.0	18.0	40	-	24.9



1.06/HSP

UNIVERSAL PULLER hydraulic, 2-arm pattern, with extended legs

- T Strong drop forged pattern
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Reversible legs for internal or external pulling



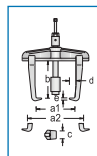
Code	No.	a ₁	a ₂	b	cl	c	d	e	max. t	max. N·m	∅	Ø
8005700	1.06/2-3-HSP1	160	220	225	1.06/HSP1	30	18	3.5	5.0	10	x	4.6
8005890	1.06/2A-3-HSP1	200	260	225	1.06/HSP1	30	18	3.5	5.0	10	x	5.0
8005970	1.06/3-3-HSP2	250	330	225	1.06/HSP2	36	28	6.5	7.5	14	x	9.6
8006940	1.06/3A-3-HSP2	350	420	225	1.06/HSP2	36	28	6.5	7.5	14	x	10.2
8007240	1.06/4-3-HSP3	520	600	190	1.06/HSP3	36	28	6.5	10.0	28	x	16.1
8007670	1.06/3-4-HSP2	250	330	325	1.06/HSP2	36	28	6.5	7.5	14	x	10.7
8007750	1.06/3A-4-HSP2	350	420	325	1.06/HSP2	36	28	6.5	7.5	14	x	11.8
8007830	1.06/4-4-HSP3	520	600	290	1.06/HSP3	36	28	6.5	10.0	28	-	17.4
8007910	1.06/3-5-HSP2	250	330	425	1.06/HSP2	36	28	6.5	7.5	14	x	11.8
8008480	1.06/3A-5-HSP2	350	420	425	1.06/HSP2	36	28	6.5	7.5	14	x	12.7
8008560	1.06/4-5-HSP3	520	600	390	1.06/HSP3	36	28	6.5	10.0	28	-	19.0



1.06/HSP

UNIVERSAL PULLER hydraulic, 2-arm pattern, with rigid legs

- T Strong drop forged pattern
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Reversible legs for internal or external pulling

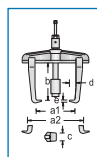


Code	No.	a ₁	a ₂	b	cl	c	d	e	max. t	max. N·m	∅	Ø
8008640	1.06/21-HSP1	170	220	75	1.06/HSP1	30	24	3.5	5.0	10	x	3.3
8008720	1.06/2A1-HSP1	210	260	75	1.06/HSP1	30	24	3.5	5.0	10	x	3.6
8008800	1.06/31-HSP2	250	340	115	1.06/HSP2	36	32	5.0	7.5	14	x	7.2
8008990	1.06/3A1-HSP2	340	430	115	1.06/HSP2	36	32	5.0	7.5	14	x	8.3
8009370	1.06/41-HSP3	520	610	80	1.06/HSP3	36	32	5.0	10.0	28	-	14.0

1.06/HSP-B

UNIVERSAL PULLER hydraulic, 2-arm pattern, rigid legs with leg brake

- T Strong drop forged pattern
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Prevents unintentional leg slipping. The leg can be slid along the cross-beam at the push of a button
- T Reversible legs for internal or external pulling

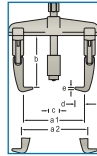
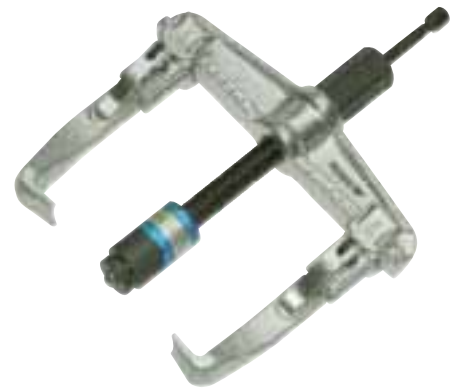


Code	No.	a ₁	a ₂	b	cl	c	d	e	max. t	max. N·m	∅	Ø
1957899	1.06/21-B-HSP1	170	220	75	1.06/HSP1	30	24	3.5	5.0	10	x	3.3
1957902	1.06/2A1-B-HSP1	210	260	75	1.06/HSP1	30	24	3.5	5.0	10	x	3.6
1957910	1.06/31-B-HSP2	250	340	115	1.06/HSP2	36	32	5.0	7.5	14	x	7.2
1957929	1.06/3A1-B-HSP2	340	430	115	1.06/HSP2	36	32	5.0	7.5	14	x	8.3
1957937	1.06/41-B-HSP3	520	610	80	1.06/HSP3	36	32	5.0	10.0	28	-	14.0

1.06/HSP-E

QUICK-ACTION PULLER hydraulic, 2-arm pattern

- T With quick-release legs
- T Strong drop forged pattern
- T Scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Reversible legs for internal or external pulling

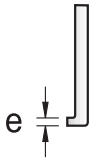
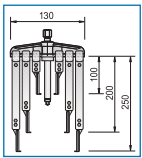


Code	No.	a ₁	a ₂	b	cl	c	d	e	max. t	max. N.m	∅	Ø
1221256	1.06/2-E-HSP1	160	220	75	1.06/HSP1	30	18	3.5	5.0	10	x	3.8
1221450	1.06/2A-E-HSP1	200	260	75	1.06/HSP1	30	18	3.5	5.0	10	x	4.1
1221639	1.06/3-E-HSP2	250	330	125	1.06/HSP2	36	28	6.5	7.5	14	x	7.5
1221760	1.06/3A-E-HSP2	350	420	125	1.06/HSP2	36	28	6.5	8.0	14	x	8.7

1.06/AS

PULLER SET with 6 legs

- T 2-arm puller, with 6 slim legs in 3 lengths
- T Particularly suitable for barely-accessible places



Code	No.	y	Y	e	∅	Ø
8001710	1.06/AS	130	100 / 200 / 250	3.7	x	3.400
1675974	1.06/AS-2	200	150 / 220 / 300	5.0	x	8.060



1.06/ST

PULLER SET on display stand

- T Consisting of 5 pullers each in different sizes with standard, rigid pattern, quick-release pulling legs or rigid legs with leg brake



1.06/ST



1.06/ST-E



1.06/ST1-B

Code	No.	B	Ø
8111570	1.06/ST	1.06/1 1.06/1A 1.06/2 1.06/2A 1.06/3	19.0
8111650	1.06/ST1	1.06/11 1.06/1A1 1.06/21 1.06/2A1 1.06/31	17.2
2004569	1.06/ST1-B	1.06/11-B 1.06/1A1-B 1.06/21-B 1.06/2A1-B 1.06/31-B	17.2
1322745	1.06/ST-E	1.06/1-E 1.06/1A-E 1.06/2-E 1.06/2A-E 1.06/3-E	19.2



1.06/HSP

HYDRAULIC PRESSURE SPINDLE

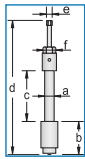
- T For controlled and safe pulling work
- T Set up for a pressure of 10 t, 12 t or 15 t

Preparation for use:

1. Before using, check whether the pressure spindle is screwed far enough out of the cap, so that the pressure pad is in the initial position in the hydraulic cylinder.
2. Unscrew the cap from the spindle body. For this purpose, first slacken off the grub screw.
3. Screw the spindle body from beneath into the cross piece of the puller until the body protrudes approx. 60 mm from the cross piece.
4. Screw the cap onto the spindle body until the stop, and then fix it in position by turning in the grub screw.

Use and operation: e.g. HSP3

5. Place the puller into position and pre-tension the spindle body using a size 41 mm wrench.
6. Screw the pressure spindle size 17 mm into the cap. The hydraulic effect will come into use. The stroke of the pressure pad in the hydraulic cylinder is max. 12 mm. The workpiece that has been loosened by the hydraulic force may be pulled off completely by turning the spindle body with the cap size 41 mm.
7. Following its use, the pressure spindle (size 17 mm) is turned back into its initial position and the pressure pad pushed into the hydraulic cylinder.

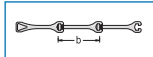


Code	No.	a	b	c	d	e	f	Stroke	max. t	Ø
8116100	1.06/HSP1	1/2"	80	135	350	12	32	12	10	1.1
8116290	1.06/HSP2	3/4"	80	205	420	12	36	12	12	1.8
8116370	1.06/HSP3	1"	125	165	465	17	41	12	15	3.6

1.06/V

EXTENSION FOR PULLERS

- T Rigid pattern drop forged
- T Clamping reach to be extended indefinitely
- T Delivery in pairs

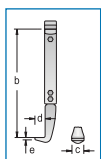


Code	No.	for hooks	Y	Ø
8036500	1.06/V100	1.06/A 1.06/100	100	0.4
8036690	1.06/V150	1.06/B 1.06/150	150	1.1
8036770	1.06/V200	1.06/C 1.06/200	200	2.5

1.06/A-D

PULLING LEGS set of 2 pieces

- T In standard lengths

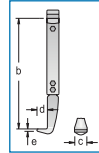


Code	No.	B	b	c	d	e	Ø
8035020	1.06/A	1.06/1 1.06/1A	100	22	12	3.0	0.6
8035100	1.06/B	1.06/2 1.06/2A	150	30	18	3.5	1.5
8035290	1.06/C	1.06/3 1.06/3A 1.06/4	200	36	28	6.5	3.3
8114400	1.06/D	1.06/5	225	50	35	11.0	4.3

1.06/AV-EV

PULLING LEGS set of 2 pieces, long pattern

- T In special lengths



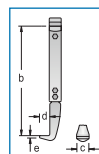
Code	No.	B	b	c	d	e	Ø
8035370	1.06/AV	1.06/1 1.06/1A	200	22	12	3.0	1.0
8035450	1.06/BV	1.06/2 1.06/2A	300	30	18	3.5	2.7
8035530	1.06/CV	1.06/3 1.06/3A 1.06/4	300	36	28	6.5	4.8
8035610	1.06/DV	1.06/3 1.06/3A 1.06/4	400	36	28	6.5	5.9
8035880	1.06/EV	1.06/3 1.06/3A 1.06/4	500	36	28	6.5	7.4



1.06/D

PULLING LEGS set of 2 pieces

- T In rigid pattern

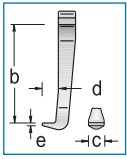


Code	No.	B	b	c	d	e	Ø
8112700	1.06/D-300	1.06/5	320	50	35	11.0	6.0
8112890	1.06/D-400	1.06/5	420	50	35	11.0	7.1
8113860	1.06/D-500	1.06/5	520	50	35	11.0	8.7



1.06

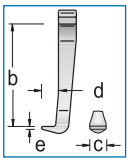
PULLING LEGS set of 2 pieces, rigid pattern
 T Forged from one piece



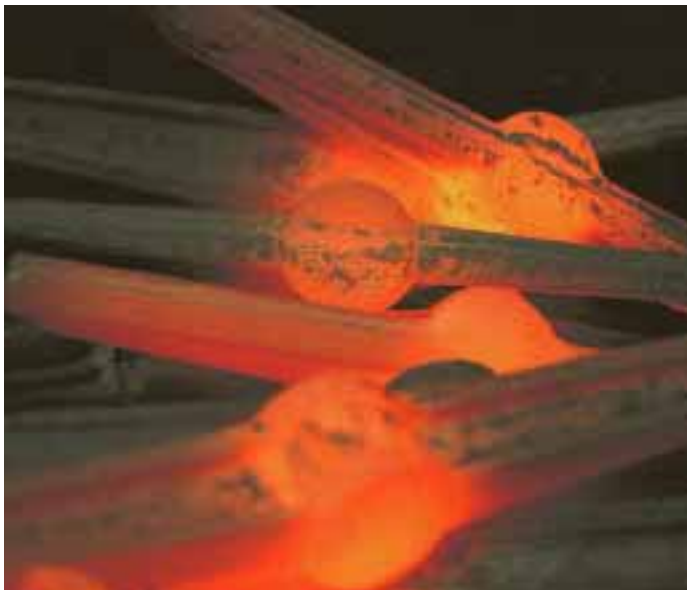
Code	No.	B	b	c	d	e	O
8036260	1.06/100	1.06/11 1.06/1A1	100	22	15	3.0	0.4
8111490	1.06/150	1.06/21 1.06/2A1	150	30	24	3.5	1.2
8036420	1.06/200	1.06/31 1.06/3A1 1.06/41	200	36	32	5.0	2.7

1.06/B

PULLING LEGS set of 2 pieces, rigid pattern with leg brake
 T Forged from one piece
 T Prevents unintentional leg slipping. The leg can be slid along the cross-beam at the push of a button

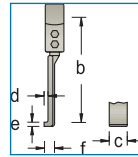


Code	No.	B	b	c	d	e	O
1956418	1.06/100-B	1.04/1A-B 1.04/HP1A-B 1.06/11 1.06/11-B 1.06/1A1 1.06/1A1-B	100	22	15	3.0	0.4
1956426	1.06/150-B	1.04/2A-B 1.04/HP2A-B 1.06/21 1.06/21-B 1.06/2A1 1.06/2A1-B	150	30	24	3.5	1.2
1956434	1.06/200-B	1.04/3A-B 1.04/HP3A-B 1.06/31 1.06/31-B 1.06/3A1 1.06/3A1-B 1.06/41 1.06/41-B	200	36	32	5.0	2.7



1.06/S

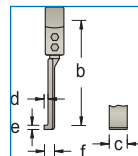
PULLING LEGS set of 2 pieces, slim pattern
 T The forged leg feet are very shallow
 T Particularly suitable for barely-accessible places



Code	No.	B	b	d	e	c	f	O
1175513	1.06/S100	1.06/S1 1.06/S1A	100	7.5	3.7	27	14.5	0.5
1175548	1.06/S200	1.06/S1 1.06/S1A	200	7.5	3.7	27	14.5	1.0
1175556	1.06/S250	1.06/S1 1.06/S1A	250	7.5	3.7	27	14.5	1.3
1554840	1.06/S100S	1.06/S1 1.06/S1A	100	7.5	2.0	27	14.5	0.5
1554859	1.06/S200S	1.06/S1 1.06/S1A	200	7.5	2.0	27	14.5	0.9
1554867	1.06/S250S	1.06/S1 1.06/S1A	250	7.5	2.0	27	14.5	1.0
1175564	1.06/S150	1.06/S2 1.06/S2A	150	7.0	5.0	40	15.5	1.3
1175572	1.06/S220	1.06/S2 1.06/S2A	220	7.0	5.0	40	15.5	1.7
1175580	1.06/S300	1.06/S2 1.06/S2A	300	7.0	5.0	40	15.5	2.2

1.06/S-E

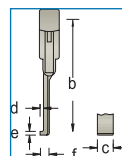
QUICK-RELEASE PULLING LEGS set of 2 pieces, slim pattern
 T The forged leg feet are very shallow
 T Particularly suitable for barely-accessible places



Code	No.	B	b	d	e	c	f	O	G
2015889	1.06/S100-E	1.06/S1 1.06/S1A	100	7.5	3.7	27	14.5	0.5	G
2015897	1.06/S200-E	1.06/S1 1.06/S1A	200	7.5	3.7	27	14.5	1.0	G
2015900	1.06/S250-E	1.06/S1 1.06/S1A	250	7.5	3.7	27	14.5	1.3	G
2015919	1.06/S100S-E	1.06/S1 1.06/S1A	100	7.5	2.0	27	14.5	0.5	G
2015927	1.06/S200S-E	1.06/S1 1.06/S1A	200	7.5	2.0	27	14.5	0.9	G
2015935	1.06/S250S-E	1.06/S1 1.06/S1A	250	7.5	2.0	27	14.5	1.0	G
2015943	1.06/S150-E	1.06/S2 1.06/S2A	150	7.0	5.0	40	15.5	1.3	G
2015951	1.06/S220-E	1.06/S2 1.06/S2A	220	7.0	5.0	40	15.5	1.7	G
2015978	1.06/S300-E	1.06/S2 1.06/S2A	300	7.0	5.0	40	15.5	2.2	G

1.06/E

QUICK-RELEASE PULLING LEGS set of 2 pieces
 T Quick and uncomplicated setting-up and readjustment



Code	No.	B	b	c	d	e	O
1221213	1.06/A-E	1.06/1-E 1.06/1A-E	100	22	12	3.0	0.6
1221221	1.06/B-E	1.06/2-E 1.06/2A-E	150	30	18	3.5	1.5
1221248	1.06/C-E	1.06/3-E 1.06/3A-E	200	36	28	6.5	3.2

Detailed information on products,
 promotions and trade fairs
 ... www.gedore.com

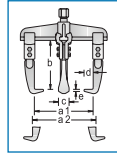




1.07

UNIVERSAL PULLER 3-arm pattern

- T Even load distribution over 3 legs ensures secure grip and balanced pull
- T Reversible legs for internal or external pulling
- T Upgradeable with hydraulic spindle
- T Legs available in different lengths for special situations



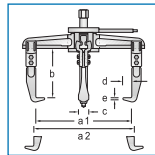
Code	No.	a ₁	a _{2min}	a _{2max}	b	A	d	S	c	d	e	max. t	O
8113940	1.07/1	90	70	140	100	M 14x1,5 x 140		17	22	12	3.0	3.0	1.4
8114080	1.07/1A	130	80	180	100	M 14x1,5 x 140		17	22	12	3.0	3.0	1.6
8114160	1.07/2	160	100	220	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	3.6
8114240	1.07/2A	200	100	260	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	4.2
1541757	1.07/3	250	100	400	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	9.3



1.07/4

UNIVERSAL PULLER 3-arm pattern

- T Particularly suitable for removing heavy, multistage pulley wheels, flywheels, gear wheels, etc.
- T Pins are used to lock the arms at 120 degrees to each other on the hub
- T The clamping reach may be extended to 490 mm by using extensions no. 1.07/CV, 1.07/DV and 1.07/EV
- T Upgradeable with hydraulic spindle
- T When used with the hydraulic aid 1.50, the puller needs no bush to reduce the size

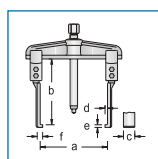


Code	No.	a ₁	a ₂	b	A	d	S	c	d	e	max. t	O
8002440	1.07/4	450	530	200	G 1 x 360	1.06/HSP3	36	36	28	6.5	10	18.8
1958003	1.07/4A	580	640	200	G 1 x 360	1.06/HSP3	36	36	28	6.5	10	22.0

1.07/S

UNIVERSAL PULLER 3-arm pattern, with slim legs

- T The forged leg feet are very shallow
- T Particularly suitable for barely-accessible places



Code	No.	a	b	A	S	c	d	e	max. t	O
8116450	1.07/S1	90	100	M 14x1,5 x 140	17	27	7.5	3.7	2.5	1.3
8116530	1.07/S1A	130	100	M 14x1,5 x 140	17	27	7.5	3.7	2.5	1.4
8116610	1.07/S2	160	150	G 1/2 x 210	22	40	7.0	5.0	5.0	3.6
8116880	1.07/S2A	200	150	G 1/2 x 210	22	40	7.0	5.0	5.0	3.9

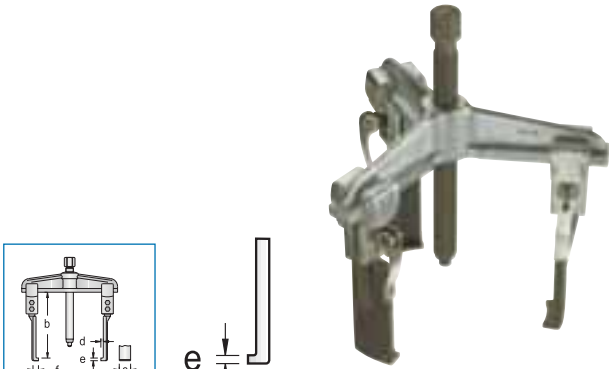




1.07/S-E

QUICK-ACTION PULLER 3-arm pattern, with slim legs

- T The forged leg feet are very shallow
- T Particularly suitable for barely-accessible places
- T Safe and quick removal of pulleys, wheels, ball bearings, etc.

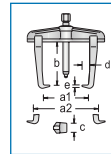


Code	No.	a	b	A	\$	c	d	e	max. t	O	G
2016036	1.07/S1-E	90	100	M 14x1,5 x 140	17	27	7.5	3.7	2.5	1.3	G
2016044	1.07/S1A-E	130	100	M 14x1,5 x 140	17	27	7.5	3.7	2.5	1.4	G
2016052	1.07/S2-E	160	150	G 1/2 x 210	22	40	7.0	5.0	5.0	3.6	G
2016060	1.07/S2A-E	200	150	G 1/2 x 210	22	40	7.0	5.0	5.0	3.9	G

1.07

UNIVERSAL PULLER 3-arm pattern, with rigid legs

- T Similar to universal puller no. 1.07/1 to 1.07/3, but with rigid pulling legs
- T The shallow forging increases accessibility

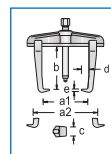


Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	d	\$	c	d	e	max. t	O
1305549	1.07/11	90	70	140	100	M 14x1,5 x 140		17	22	15	3.0	3.0	1.2
1306022	1.07/1A1	130	80	180	100	M 14x1,5 x 140		17	22	15	3.0	3.0	1.4
1306154	1.07/21	160	100	220	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	5.0	3.5
1306278	1.07/2A1	200	100	260	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	5.0	3.7
1554778	1.07/31	250	100	400	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	8.0

1.07/B

UNIVERSAL PULLER 3-arm pattern, rigid legs with leg brake

- T Similar to universal puller no. 1.07/11 to 1.07/31, but with leg brake
- T Prevents unintentional leg slipping. The leg can be slid along the cross-beam at the push of a button
- T Upgradeable with hydraulic spindle



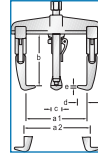
Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	d	\$	c	d	e	max. t	O
1957945	1.07/11-B	90	70	140	100	M 14x1,5 x 140		17	22	15	3.0	3.0	1.2
1957953	1.07/1A1-B	130	80	180	100	M 14x1,5 x 140		17	22	15	3.0	3.0	1.4
1957961	1.07/21-B	160	100	220	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	5.0	3.5
1957988	1.07/2A1-B	200	100	260	150	G 1/2 x 210	1.06/HSP1	22	30	24	3.5	5.0	3.7
1957996	1.07/31-B	250	100	400	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	8.0



1.07/E

QUICK-ACTION PULLER 3-arm pattern

- T Safe and quick removal of pulleys, wheels, ball bearings, etc.
- T Reversible legs for internal or external pulling
- T Upgradeable with hydraulic spindle



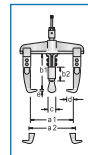
Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	cl	\$	c	d	e	max. t	O
1222902	1.07/1-E	90	70	140	100	M 14x1,5 x 140		17	22	12	3.0	3.0	1.4
1225901	1.07/1A-E	130	80	180	100	M 14x1,5 x 140		17	22	12	3.0	3.0	1.6
1227335	1.07/2-E	160	100	220	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	3.9
1227459	1.07/2A-E	200	100	260	150	G 1/2 x 210	1.06/HSP1	22	30	18	3.5	5.0	4.0
1554751	1.07/3-E	250	100	400	200	G 3/4 x 280	1.06/HSP2	27	36	28	6.5	7.5	9.2



1.07/HSP

UNIVERSAL PULLER hydraulic, 3-arm pattern

- T Reversible legs for internal or external pulling

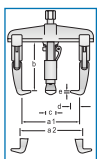


Code	No.	a ₁	a ₂	b	cl	c	d	e	max. t	max. N-m	O
8009960	1.07/2-HSP1	160	220	75	1.06/HSP1	30	18	3.5	5.0	10	4.6
8010970	1.07/2A-HSP1	200	260	75	1.06/HSP1	30	18	3.5	5.0	10	4.7
1554816	1.07/3-HSP2	250	310	80	1.06/HSP2	36	28	6.5	7.5	14	9.6
8012400	1.07/4-HSP3	450	530	140	1.06/HSP3	36	28	6.5	10.0	28	19.4
1962574	1.07/4A-HSP3	580	640	140	1.06/HSP3	36	28	6.5	10.0	28	22.4

1.07/HSP-E

QUICK-ACTION PULLER hydraulic, 3-arm pattern

- T With quick-release pulling legs

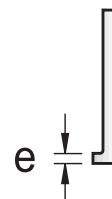
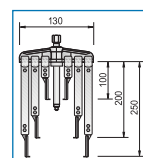


Code	No.	a ₁	a ₂	b	cl	c	d	e	max. t	max. N-m	O
1221922	1.07/2-E-HSP1	160	220	75	1.06/HSP1	30	18	3.5	5.0	10	4.5
1222554	1.07/2A-E-HSP1	200	260	75	1.06/HSP1	30	18	3.5	5.0	10	4.8
1554824	1.07/3-E-HSP2	250	310	80	1.06/HSP2	36	28	6.5	7.5	14	9.3

1.07/AS

PULLER SET with 9 legs

- T 3-arm puller, with 9 slim legs in 3 lengths
- T Particularly suitable for barely-accessible places



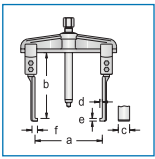
Code	No.	y	Y	e	O
8117260	1.07/AS	130	100 / 200 / 250	3.7	4.8
1675990	1.07/AS-2	200	150 / 220 / 300	5.0	11.5



1.07/K

PULLER SET with 9 legs, in plastic case

T Plastic case containing: spindle, 1 cross-beam each 2- and 3-arm pattern and 9 slim pulling legs in 3 lengths

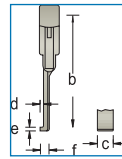


Code	No.	a	b	A	§	c	d	e	max. t	O
8117340	1.07/K	130	100 / 200 / 250	M 14x1,5 x 140	17	27	7.5	3.7	2.5	5.8
1676008	1.07/K-2	200	150 / 220 / 300	G 1/2 x 210	22	40	7.0	5.0	5.0	13.5

1.07/K-SE S

PULLER SET with 6 legs

T In plastic case
 T Contents: 1 cross-beam each 2- and 3-arm pattern, 1 spindle, and 6 slim quick-release pulling legs in 2 lengths
 T Clamping reach 100 mm = thickness of hooked foot at tip (e) 3.7 mm
 T Clamping reach 200 mm = thickness of hooked foot at tip (e) 2.0 mm

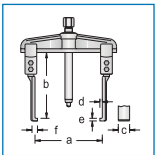


Code	No.	a	b	A	§	c	d	O
1745158	1.07/K-1-SE 200 S	90	100 / 200 M	14x1,5 x 140	17	27	7.5	4.2

1.07/K-SE

PULLER SET with 3 legs, in plastic case

T Plastic case containing: spindle, 1 cross-beam each 2- and 3-arm pattern and 3 quick-release pulling legs



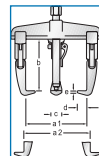
Code	No.	a	b	A	§	c	d	e	O
1438484	1.07/K-1-SE	90	100	M 14x1,5 x 140	17	27	7.5	3.7	2.2
1645455	1.07/K-2-SE	160	150	G 1/2 x 210	22	40	7.0	5.0	5.5



1.07/K-HSP

PULLER SET with 3 legs

T In plastic case
 T Contents: hydraulic spindle, 1 cross-beam each 2- and 3-arm pattern and 3 quick-release pulling legs



Code	No.	a ₁	a ₂	b	c	d	e	max. t	N-m	O
1438492	1.07/K-2-E-HSP1	160	220	75	1.06/HSP1	32	30	18	3.5	5.0
										10 7.3

61
1500 ES-1.07 Tool module with tool assortment

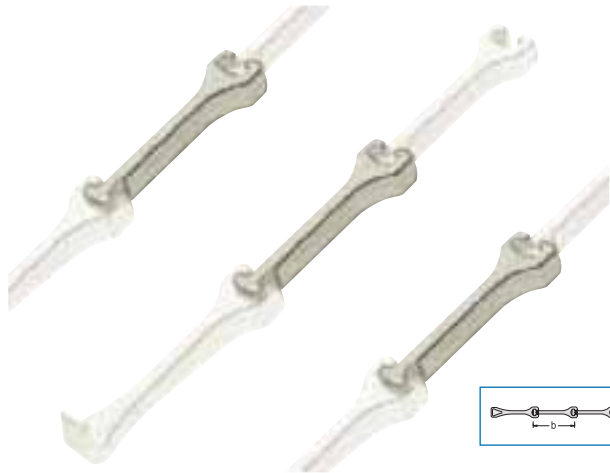




1.07/V

EXTENSION FOR PULLERS set of 3 pieces

- T Rigid pattern drop forged
- T Clamping reach to be extended indefinitely
- T Can be used together with all legs of the 1.07 range

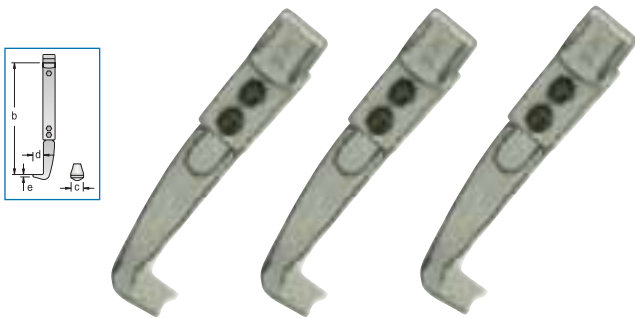


Code	No.	for hooks	Y	O
1307576	1.07/V100	1.07/A 1.07/100	100	0.5
1307584	1.07/V150	1.07/B 1.07/150	150	1.6
1307592	1.07/V200	1.07/C 1.07/200	200	3.8

1.07/A-C

PULLING LEGS set of 3 pieces

- T In standard lengths



Code	No.	B	b	c	d	e	O
1307401	1.07/A	1.07/1 1.07/1A	100	22	12	3.0	0.8
1307428	1.07/B	1.07/2 1.07/2A	150	30	18	3.5	2.2
1307436	1.07/C	1.07/3 1.07/4	200	36	28	6.5	5.0

1.07/AV-EV

PULLING LEGS set of 3 pieces, long pattern

- T In special lengths



Code	No.	B	b	c	d	e	O
1307487	1.07/AV	1.07/1 1.07/1A	200	22	12	3.0	1.5
1307495	1.07/BV	1.07/2 1.07/2A	300	30	18	3.5	3.9
1307509	1.07/CV	1.07/3 1.07/4	300	36	28	6.5	7.2
1307517	1.07/DV	1.07/3 1.07/4	400	36	28	6.5	8.8
1307525	1.07/EV	1.07/3 1.07/4	500	36	28	6.5	11.4

1.07/E

QUICK-RELEASE PULLING LEGS set of 3 pieces

- T Quick and uncomplicated setting-up and readjustment



Code	No.	B	b	c	d	e	O
1307452	1.07/A-E	1.07/1-E 1.07/1A-E	100	22	12	3.0	0.9
1307460	1.07/B-E	1.07/2-E 1.07/2A-E	150	30	18	3.5	2.3
1307479	1.07/C-E	1.07/3-E	200	36	28	6.5	4.6

1.07

PULLING LEGS set of 3 pieces, rigid pattern

- T Forged from one piece



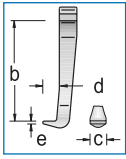
Code	No.	B	b	c	d	e	O
1307533	1.07/100	1.07/11 1.07/1A1	100	22	15	3.0	0.7
1307541	1.07/150	1.07/21 1.07/2A1	150	30	24	3.5	1.8
1307568	1.07/200	1.07/31 1.07/4	200	36	32	5.0	4.0





1.07/B

PULLING LEGS set of 3 pieces, rigid pattern with leg brake
 T Forged from one piece
 T Prevents unintentional leg slipping. The leg can be slid along the cross-beam at the push of a button

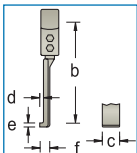


Code	No.	B	b	c	d	e	Ø
1956442	1.07/100-B	1.07/11 1.07/11-B 1.07/1A1 1.07/1A1-B	100	22	15	3.0	0.7
1956450	1.07/150-B	1.07/21 1.07/21-B 1.07/2A1 1.07/2A1-B	150	30	24	3.5	1.8
1956469	1.07/200-B	1.07/31 1.07/31-B 1.07/4	200	36	32	5.0	4.0



1.07/S

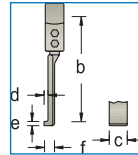
PULLING LEGS set of 3 pieces, slim pattern
 T The forged leg feet are very shallow
 T Particularly suitable for barely-accessible places



Code	No.	B	b	c	d	e	f	Ø
1307606	1.07/S100	1.07/S1 1.07/S1A	100	27	7.5	3.7	14.5	0.8
1307622	1.07/S200	1.07/S1 1.07/S1A	200	27	7.5	3.7	14.5	1.5
1307630	1.07/S250	1.07/S1 1.07/S1A	250	27	7.5	3.7	14.5	2.0
1554786	1.07/S100S	1.07/S1 1.07/S1A	100	27	7.5	2.0	14.5	0.7
1554794	1.07/S200S	1.07/S1 1.07/S1A	200	27	7.5	2.0	14.5	1.3
1554808	1.07/S250S	1.07/S1 1.07/S1A	250	27	7.5	2.0	14.5	1.5
1307649	1.07/S150	1.07/S2 1.07/S2A	150	40	7.0	5.0	15.5	2.0
1307657	1.07/S220	1.07/S2 1.07/S2A	220	40	7.0	5.0	15.5	2.7
1307665	1.07/S300	1.07/S2 1.07/S2A	300	40	7.0	5.0	15.5	3.3

1.07/S-E

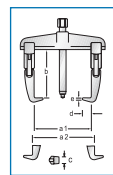
QUICK-RELEASE PULLING LEGS set of 3 pieces, slim pattern
 T The forged leg feet are very shallow
 T Particularly suitable for barely-accessible places



Code	No.	B	b	c	d	e	f	Ø	G
2016095	1.07/S100-E	1.07/S1 1.07/S1A	100	27	7.5	3.7	14.5	0.8	G
2016109	1.07/S200-E	1.07/S1 1.07/S1A	200	27	7.5	3.7	14.5	1.5	G
2016117	1.07/S250-E	1.07/S1 1.07/S1A	250	27	7.5	3.7	14.5	2.0	G
2016125	1.07/S100S-E	1.07/S1 1.07/S1A	100	27	7.5	2.0	14.5	0.7	G
2016133	1.07/S200S-E	1.07/S1 1.07/S1A	200	27	7.5	2.0	14.5	1.3	G
2016141	1.07/S250S-E	1.07/S1 1.07/S1A	250	27	7.5	2.0	14.5	1.5	G
2016168	1.07/S150-E	1.07/S2 1.07/S2A	150	40	7.0	5.0	15.5	2.0	G
2016176	1.07/S220-E	1.07/S2 1.07/S2A	220	40	7.0	5.0	15.5	2.7	G
2016184	1.07/S300-E	1.07/S2 1.07/S2A	300	40	7.0	5.0	15.5	3.3	G

1.08

UNIVERSAL PULLER 2-arm pattern, with fast spindle adjustment
 T Spindle immediately adjusts when grip bar applied. Much quicker to use as there is no time spent adjusting the spindle or the legs



Code	No.	a ₁	a _{2 min}	a _{2 max}	b	A	S	c	d	e _{max}	t	Ø
8019090	1.08/1A	130	80	180	100	M 14x1,5 x 140	17	22	12	3.0	3.0	1.5
8000070	1.08/2A	200	110	260	150	G 1/2 x 210	22	30	18	3.5	5.0	4.1
8018950	1.08/3A	350	130	420	200	G 3/4 x 280	27	36	28	6.5	7.5	10.2



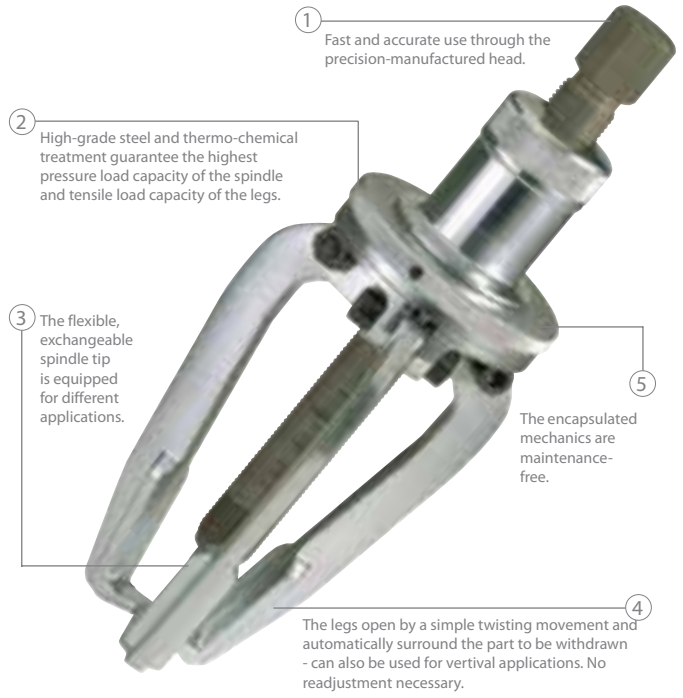
1.09 PULLER TWIST & PULL

Easy, quick and safe

Working principle



Advantages
 No set-up or readjusting of the legs
 Maintenance free due to the encapsulated mechanics



1 Fast and accurate use through the precision-manufactured head.

2 High-grade steel and thermo-chemical treatment guarantee the highest pressure load capacity of the spindle and tensile load capacity of the legs.

3 The flexible, exchangeable spindle tip is equipped for different applications.

5 The encapsulated mechanics are maintenance-free.

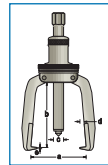
4 The legs open by a simple twisting movement and automatically surround the part to be withdrawn - can also be used for vertical applications. No readjustment necessary.



1.09

PULLER TWIST+PULL 3-arm pattern, with rotating adjustment

- T The precise manufactured head allows fast and exact use
- T The legs open by simple rotation and enclose automatically the part to be removed
- T No more time-consuming setting-up and readjusting of the legs
- T High-quality steel and thermo-chemical treatment guarantee highest toughness of the spindle and the legs
- T Ball or tip can easily be exchanged

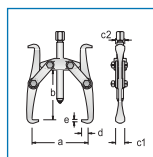


Code	No.	a _{min}	a _{max}	b	A	S	c	d	e	max. t	O
1748173	1.09/1	30	150	130	G 1/2 x 250	22	17	12	3.0	6.5	2.5
1748181	1.09/2	80	250	250	G 1/2 x 350	22	24	12	3.0	6.5	4.2

1.10

PULLER 2-arm pattern

- T Double ended with wide or narrow grips
- T Automatic gripping
- T The wide leg ends of the puller 1.10/2, /3, /4 and /5 possess 8 mm slots, so that pulleys or gears may also be pulled off using 8 mm bolts



1.10/1

1.10/2-5

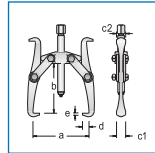
Code	No.	a _{max}	b	A	S	c ₁	c ₂	d	e	max. t	O
8002600	1.10/1	90	80	M 14x1,5 x 125	17	17	10	7	2	2.0	0.7
8002790	1.10/2	160	130	M 18x1,5 x 170	19	24	20	13	3	5.0	2.0
1731874	1.10/3	220	170	M 18x1,5 x 170	19	24	20	13	3	5.0	2.3
1731882	1.10/4	320	260	G 1/2 x 350	22	27	32	27	3	8.0	5.1
1731890	1.10/5	400	320	G 1/2 x 350	22	27	32	27	3	8.0	5.8



1.11

PULLER 3-arm pattern

- T Double ended with wide or narrow grips
- T Automatic gripping
- T The wide leg ends of the puller 1.11/2, /3, /4 and /5 possess 8 mm slots, so that pulleys or gears may also be pulled off using 8 mm bolts



1.11/1

1.11/2-5

Code	No.	a _{max}	b	A	§	c ₁	c ₂	d	e	max. t	Ø
8002950	1.11/1	90	80	M 14x1,5 x 125	17	17	10	7	2	3.0	0.9
8003090	1.11/2	160	130	M 18x1,5 x 170	19	24	20	13	3	7.5	2.6
1731904	1.11/3	220	170	M 18x1,5 x 170	19	24	20	13	3	7.5	3.2
1731912	1.11/4	320	260	G 1/2 x 350	22	27	32	27	3	12.0	2.6
1731920	1.11/5	400	320	G 1/2 x 350	22	27	32	27	3	12.0	2.6

1.10 + 1.11

PULLING LEGS set of 2 / 3 pieces

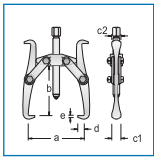
- T Double ended with wide or narrow grips
- T Complete with clips and screws
- T No. 1.10 = 2 pieces
- T No. 1.11 = 3 pieces



1.10/1 + 1.11/1



1.10/2-5 + 1.11/2-5



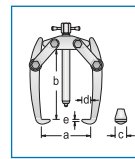
Code	No.	B	b	c ₁	c ₂	d	e	Ø
1962566	1.10/1-080	1.10/1	80	17	10	7	2	0.3
1962582	1.10/2-130	1.10/2	130	24	20	13	3	1.1
1962590	1.10/3-170	1.10/3	170	24	20	13	3	1.6
1962604	1.10/4-260	1.10/4	260	27	32	27	3	3.3
1962612	1.10/5-320	1.10/5	320	27	32	27	3	3.6

Code	No.	B	b	c ₂	d	e	Ø	
1962620	1.11/1-080	1.11/1	80	17	10	7	2	0.5
1962639	1.11/2-130	1.11/2	130	24	20	13	3	1.7
1962647	1.11/3-170	1.11/3	170	24	20	13	3	2.3
1962655	1.11/4-260	1.11/4	260	27	32	27	3	5.0
1962663	1.11/5-320	1.11/5	320	27	32	27	3	5.5

1.12

BATTERY-TERMINAL PULLER 2-arm pattern

- T Ideal for removing small parts such as battery terminals, pulleys, wheels, ball bearings, etc.
- T Automatic gripping



Code	No.	a _{max}	b	A	c	d	e	max. t	/
8003840	1.12/02	60	40	M 10x1,5 x 60	10	5	2	0.5	160
8003760	1.12/01	60	60	M 10x1,5 x 80	10	5	2	0.5	180
1628402	1.12/00	70	80	M 10x1,5 x 100	14	8	2	0.5	300



Detailed information on products, promotions and trade fairs

... www.gedore.com

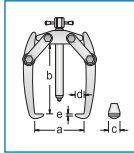




1.13

BATTERY-TERMINAL PULLER 3-arm pattern

T Ideal for removing small parts such as battery terminals, pulleys, wheels, ball bearings, etc.
T Automatic gripping

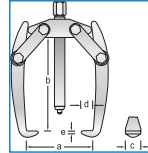


Code	No.	a _{max}	b	A	c	d	e	max. t	O
8004650	1.13/02	60	40	M 10x1,5 x 60	10	5	2	0.75	0.2
8004570	1.13/01	60	60	M 10x1,5 x 80	10	5	2	0.75	0.2
1628410	1.13/00	70	80	M 10x1,5 x 100	14	8	2	1.0	0.4

1.13

PULLER 3-arm pattern

T Ideal for removing pulleys, wheels, ball bearings, etc.
T Inexpensive economy model
T Automatic gripping



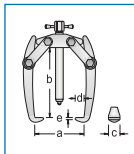
Code	No.	a _{max}	b	A	Φ	c	d	e	max. t	O
8004140	1.13/0	70	80	M 12x1,5 x 110	14	14	8	2	2.0	0.5
8004220	1.13/1	90	120	M 14x1,5 x 155	17	18	11	2	3.0	1.5
8004300	1.13/2	130	160	M 18x1,5 x 200	19	25	14	3	7.5	2.5
8004490	1.13/3	180	200	G 1/2 x 250	22	32	20	4	12.0	5.3



1.12 + 1.13

PULLING LEGS set of 2 / 3 pieces, for battery-terminal puller

T Complete with clips and screws
T No. 1.12 = 2 pieces
T No. 1.13 = 3 pieces



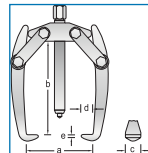
Code	No.	B	b	c	d	e	O
1962671	1.12/02-040	1.12/02	40	10	5	2	0.1
1962698	1.12/01-060	1.12/01	60	10	5	2	0.1
1962701	1.12/00-080	1.12/00	80	14	8	2	0.2

Code	No.	B	b	c	d	e	O
1962728	1.13/02-040	1.13/02	40	10	5	2	0.1
1962736	1.13/01-060	1.13/01	60	10	5	2	0.2
1962744	1.13/00-080	1.13/00	80	14	8	2	0.2

1.12 + 1.13

PULLING LEGS set of 2 / 3 pieces

T Complete with clips and screws
T No. 1.12 = 2 pieces
T No. 1.13 = 3 pieces



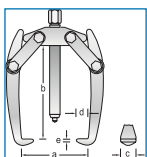
Code	No.	B	b	c	d	e	O
1962752	1.12/0-080	1.12/0	80	14	8	2	0.2
1962760	1.12/1-120	1.12/1	120	18	11	2	0.4
1962779	1.12/2-160	1.12/2	160	25	14	3	1.1
1962787	1.12/3-200	1.12/3	200	32	20	4	2.1

Code	No.	B	b	c	d	e	O
1962795	1.13/0-080	1.13/0	80	14	8	2	0.3
1962809	1.13/1-120	1.13/1	120	18	11	2	0.6
1962817	1.13/2-160	1.13/2	160	25	14	3	1.7
1962825	1.13/3-200	1.13/3	200	32	20	4	3.2

1.12

PULLER 2-arm pattern

T Ideal for removing pulleys, wheels, ball bearings, etc.
T Inexpensive economy model
T Automatic gripping



Code	No.	a _{max}	b	A	Φ	c	d	e	max. t	O
8003250	1.12/0	70	80	M 12x1,5 x 110	14	14	8	2	1.0	0.4
8003330	1.12/1	90	120	M 14x1,5 x 155	17	18	11	2	2.0	0.8
8003410	1.12/2	130	160	M 18x1,5 x 200	19	25	14	3	5.0	1.9
8003680	1.12/3	180	200	G 1/2 x 250	22	32	20	4	8.0	3.7

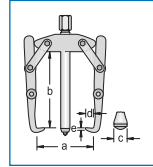




1.14

PULLER 2-arm pattern

- T Clamping reach is variable for maximum flexibility
- T The legs grip automatically
- T Upgradeable with hydraulic spindle



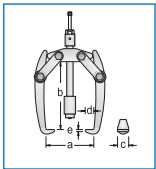
Code	No.	a _{max}	b	A	cl	S	c	d	e	max. t	O
8004810	1.14/0	90	100	M 12x1,5 x 110		14	14	9	2.0	1.0	0.4
8005030	1.14/1	130	140	M 14x1,5 x 140		17	18	11	2.0	2.0	0.9
8005380	1.14/2	200	210	M 18x1,5 x 200		19	25	16	3.0	5.0	2.2
8005460	1.14/3	250	260	G 1/2 x 250	1.06/HSP1	24	32	18	3.5	8.0	4.4
8005540	1.14/4	280	390	G 1/2 x 250	1.06/HSP1	24	32	20	3.5	8.0	5.1
8005620	1.14/5	420	480	G 1/2 x 350	1.06/HSP1	24	32	20	3.5	8.0	6.0



1.14/HSP

PULLER hydraulic, 2-arm pattern

- T Clamping reach is variable for maximum flexibility
- T The legs grip automatically

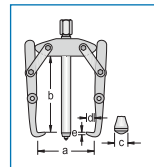


Code	No.	a _{max}	b	cl	S	c	d	e	max. t	N-m	O
1392883	1.14/3-HSP1	250	180	1.06/HSP1	32	32	18	3.5	8.0	15	5.0
1392913	1.14/4-HSP1	280	310	1.06/HSP1	32	32	20	3.5	8.0	15	5.8

1.14/L

FAN PULLER 2-arm pattern

- T Especially slender legs will each adjust to 3 clamping positions

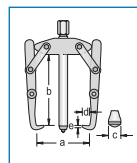


Code	No.	a _{max}	b	A	S	c	d	e	max. t	O
8005110	1.14/L	150	200	M 14x1,5 x 155	17	10	6	2	2.0	0.9

1.15

PULLER 3-arm pattern

- T Clamping reach is variable for maximum flexibility
- T The legs grip automatically
- T Upgradeable with hydraulic spindle



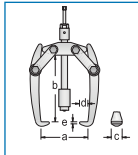
Code	No.	a _{max}	b	A	cl	S	c	d	e	max. t	O
8006000	1.15/0	90	100	M 12x1,5 x 110		14	14	9	2.0	2.0	0.5
8006190	1.15/1	130	140	M 14x1,5 x 140		17	18	11	2.0	3.0	1.2
8006350	1.15/2	200	210	M 18x1,5 x 200		19	25	16	3.0	7.5	3.3
8006430	1.15/3	250	260	G 1/2 x 250	1.06/HSP1	24	32	18	3.5	12.0	6.3
8006510	1.15/4	280	390	G 1/2 x 250	1.06/HSP1	24	32	20	3.5	12.0	7.7
8006780	1.15/5	420	480	G 1/2 x 350	1.06/HSP1	24	32	20	3.5	12.0	8.9



1.15/HSP

PULLER hydraulic, 3-arm pattern

- T Clamping reach is variable for maximum flexibility
- T The legs grip automatically



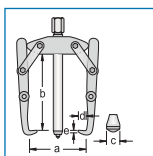
Code	No.	a _{mm}	b	d	§	c	d	e	max.t	max. N·m	O
1392956	1.15/3-HSP1	250	180	1.06/HSP1	32	32	18	3.5	12.0	24	6.6
1392980	1.15/4-HSP1	280	310	1.06/HSP1	32	32	20	3.5	12.0	24	8.1



1.15/L

FAN PULLER 3-arm pattern

- T Especially slender legs will each adjust to 3 clamping positions

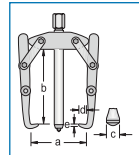


Code	No.	a _{mm}	b	A	§	c	d	e	max.t	O
8006270	1.15/1L	150	200	M 14x1,5 x 155	17	10	6	2	3.0	1.3

1.14 + 1.15

PULLING LEGS set of 2 / 3 pieces

- T With variable clamping reach
- T Complete with clips and screws
- T No. 1.14 = 2 pieces
- T No. 1.15 = 3 pieces



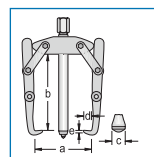
Code	No.	B	b	c	d	e	O
1962833	1.14/0-100	1.14/0	100	14	9	2.0	0.2
1962841	1.14/1-140	1.14/1	140	18	11	2.0	0.5
1962868	1.14/2-210	1.14/2	210	25	16	3.0	1.3
1962876	1.14/3-260	1.14/3 1.14/3-HSP1	260	32	18	3.5	2.8
1962884	1.14/4-390	1.14/4 1.14/4-HSP1	390	32	20	3.5	3.5
1962892	1.14/5-480	1.14/5	480	32	20	3.5	4.3

Code	No.	B	b	c	d	e	O
1962906	1.15/0-100	1.15/0	100	14	9	2.0	0.3
1962914	1.15/1-140	1.15/1	140	18	11	2.0	0.7
1962922	1.15/2-210	1.15/2	210	25	16	3.0	2.0
1962930	1.15/3-260	1.15/3 1.15/3-HSP1	260	32	18	3.5	4.1
1962949	1.15/4-390	1.15/4 1.15/4-HSP1	390	32	20	3.5	5.3
1962957	1.15/5-480	1.15/5	480	32	20	3.5	6.4

1.14/L + 1.15/L

PULLING LEGS set of 2 / 3 pieces

- T With variable clamping reach
- T Complete with clips and screws
- T No. 1.14/L = 2 pieces
- T No. 1.15/L = 3 pieces



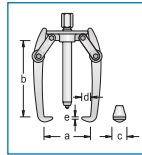
Code	No.	B	b	c	d	e	O
1962965	1.14/1-200-L	1.14/1L	200	10	6	2	0.6

Code	No.	B	b	c	d	e	O
1962973	1.15/1-200-L	1.15/1L	200	10	6	2.0	0.9

1.16

PULLER 2-arm pattern

- T Very strong
- T Made for industrial applications and for use on heavy agricultural and construction machines
- T The legs grip automatically
- T Upgradeable with hydraulic spindle

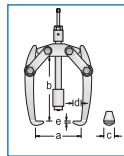


Code	No.	a _{max}	b	A	d	§	c	d	e	max.t	Q
8007080	1.16/1	300	300	G 1 x 360	1.06/HSP3	36	32	19	3.0	8.0	8.4
8007160	1.16/2	450	420	G 1 x 500	1.06/HSP3	36	32	22	3.0	8.0	10.0

1.16/HSP

PULLER hydraulic, 2-arm pattern

- T Very strong
- T Made for industrial applications and for use on heavy agricultural and construction machines
- T The legs grip automatically

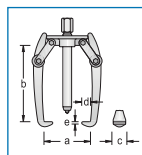


Code	No.	a _{max}	b	d	§	c	d	e	max.t	max.Nm	Q
8012590	1.16/1-HSP3	300	190	1.06/HSP3	41	32	19	3.0	8.0	24	8.7
8012670	1.16/2-HSP3	450	310	1.06/HSP3	41	32	22	3.0	8.0	24	10.2

1.17

PULLER 3-arm pattern

- T Very strong
- T Made for industrial applications and for use on heavy agricultural and construction machines
- T The legs grip automatically
- T Upgradeable with hydraulic spindle



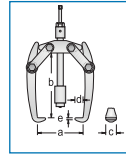
Code	No.	a _{max}	b	A	d	§	c	d	e	max.t	Q
8007320	1.17/1	300	300	G 1 x 360	1.06/HSP3	36	32	19	3.0	12.0	10.5
8007400	1.17/2	450	420	G 1 x 500	1.06/HSP3	36	32	22	3.0	12.0	12.7



1.17/HSP

PULLER hydraulic, 3-arm pattern

- T Very strong
- T Made for industrial applications and for use on heavy agricultural and construction machines
- T The legs grip automatically



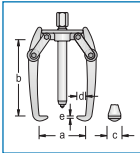
Code	No.	a _{max}	b	d	Ø	c	d	e	max. t	max. N·m	Ø
8014290	1.17/1-HSP3	300	190	1.06/HSP3	41	32	19	3.0	12.0	34	11.4
8014370	1.17/2-HSP3	450	310	1.06/HSP3	41	32	22	3.0	12.0	34	12.7



1.16 + 1.17

PULLING LEGS set of 2 / 3 pieces

- T Very strong
- T Complete with clips and screws
- T No. 1.16 = 2 pieces
- T No. 1.17 = 3 pieces



Code	No.	B	b	c	d	e	Ø
1962981	1.16/1-300	1.16/1	300	32	19	3	3.5
		1.16/1-HSP3					
1963007	1.16/2-420	1.16/2	300	32	22	3	4.4
		1.16/2-HSP3					

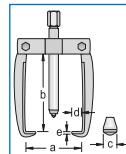
Code	No.	B	b	c	d	e	Ø
1963015	1.17/1-300	1.17/1	300	32	19	3	5.3
1963023	1.17/2-420	1.17/2	420	32	22	3	6.6
		1.17/2-HSP3					



1.18

FAN PULLER ECO 2-arm pattern

- T Removes bearings swiftly and cleanly

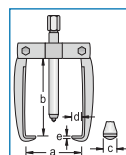


Code	No.	a _{max}	b	A	c	d	e	max. t	Ø
1656996	1.18/02	65	50	M 10 x 115	12	10	3.0	1.0	0.2
1657089	1.18/01	70	70	M 10 x 115	12	10	3.0	1.0	0.2
1656937	1.18/0	80	80	M 10 x 115	12	10	3.0	1.0	0.2

1.18

PULLER ECO 2-arm pattern

- T For easy removal of bearings

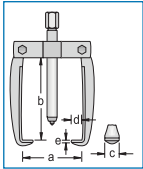


Code	No.	a _{max}	b	A	c	d	e	max. t	Ø
1464965	1.18/1	110	110	M 14x1,5 x 163	17	18	5.0	2.0	1.1
1464973	1.18/2	160	140	M 18x1,5 x 215	21	20	6.5	3.0	2.1
1464981	1.18/3	200	200	G 1/2 x 282	22	22	7.5	5.0	3.4



1.19

FAN PULLER ECO 3-arm pattern
 T Removes bearings swiftly and cleanly

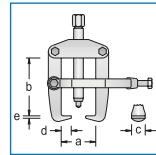


Code	No.	a _{max}	b	A	c	d	e	max.t	Ø
1657054	1.19/02	65	50	M 10 x 115	12	10	3.0	1.0	0.3
1657046	1.19/01	70	70	M 10 x 115	12	10	3.0	1.0	0.3
1657011	1.19/0	80	80	M 10 x 115	12	10	3.0	1.0	0.3



1.20

PULLER with clamping yoke
 T The clamping yoke applies firm pressure behind the part to be moved and keeps the puller firmly in the correct position



Code	No.	a _{max}	b	A	Ø	c	d	e	max.t	Ø
8008050	1.20/1	90	85	M 18x1,5 x 130	19	22	12	3.0	5.0	1.6
8008130	1.20/2	90	100	M 18x1,5 x 130	19	24	15	3.0	5.0	1.7
8008210	1.20/3	150	140	G 1/2 x 175	22	30	18	3.5	7.5	3.4



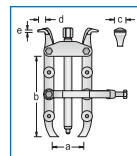
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1.22

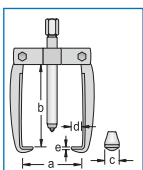
PULLER with clamping yoke
 T Double-ended hooks
 T Particularly suitable for separating and removing flush-seated parts
 T Especially economical as it covers a range of different sizes



Code	No.	a _{max}	b	A	Ø	c	d	e	max.t	Ø
8009020	1.22/1	110	170	M 18x1,5 x 200	19	25	14	3.5	5.0	2.2
8009100	1.22/2	160	260	G 1/2 x 350	22	25	14	3.5	7.5	4.4
8009290	1.22/3	160	325	G 1/2 x 350	22	25	14	3.5	7.5	4.6

1.19

PULLER ECO 3-arm pattern
 T For easy removal of bearings



Code	No.	a _{max}	b	A	c	d	e	max.t	Ø
1465007	1.19/1	110	110	M 14x1,5 x 163	17	18	5.0	2.0	1.4
1465015	1.19/2	160	140	M 18x1,5 x 215	21	20	6.5	3.0	2.7
1465023	1.19/3	200	200	G 1/2 x 282	22	22	7.5	5.0	4.5

The ECO perforated wall panel is listed on page 245

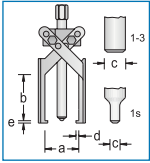




1.23

PULLER with slim legs

- T For removing bearings in confined spaces
- T The legs grip automatically
- T No. 1.23/S: particularly slim legs



Code	No.	a _{max}	b	A	S	c	d	e	max. t	Ø
8084580	1.23/1S	80	85	M 10 x 105	12	11	4	2.5	1.5	0.4
8084310	1.23/1	80	85	M 10 x 105	12	23	4	2.5	2.0	0.4
8084660	1.23/2	120	120	M 14x1,5 x 130	17	31	5	3.5	3.5	0.8
8084740	1.23/3	120	150	M 14x1,5 x 205	17	31	5	3.5	3.5	1.1

HYDRAULIC IMPLEMENTS

1.50

HYDRAULIC PUMP AND CYLINDER SET

- T Suitable for pressing, straightening, lifting, bending, and pulling



Code	No.	consisting of:	Ø
8110410	1.50/10	Hydraulic hand pump 1.50/1 Hydraulic cylinder 1.51/10	14.0
8110680	1.50/11	Hydraulic hand pump 1.50/1 Hydraulic cylinder 1.51/11	15.1

1.51

HYDRAULIC CYLINDER



Code	No.	Stroke height	max. t	Ø
8023440	1.51/10	140	10.0	5.0
8110760	1.51/11	200	10.0	6.0

1.50/1

HYDRAULIC HAND PUMP

- T Supplied complete with 1.50 m high-pressure hose
- T To fit hydraulic cylinder 1.51



Code	No.	for hydraulic cylinder	Ø
8022710	1.50/1	1.51/10 1.51/11	8.3

The safety cover is listed on page 205

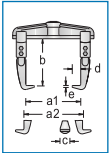




1.06/H

PULLER for hydraulic implement 1.50

- T Robust pattern, designed for rigidity and heavy duty use
- T Reversible legs permit use as an internal or external puller
- T The reach may be increased both by using pulling legs in special lengths, and by using extensions

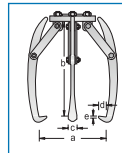


Code	No.	a ₁	a _{2 min}	a _{2 max}	b	c	d	e	max.t	Ø
8112620	1.06/40	520	185	600	200	36	28	6.5	10.0	11.0
8113000	1.06/50	640	230	715	225	50	33	10.0	18.0	20.2

1.17/H

UNIVERSAL PULLER for hydraulic implement 1.50

- T Heavy-duty pattern for the removal of gear wheels, spoked wheels, pulleys, etc
- T The legs grip automatically

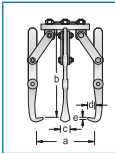


Code	No.	a _{max}	b	c	d	e	max.t	Ø
8007590	1.17/10	300	300	36	19	3.5	12.0	9.1
8109670	1.17/20	425	425	36	22	3.5	12.0	12.4

1.15/H

PULLER for hydraulic implement 1.50

- T Heavy-duty pattern for the removal of gear wheels, spoked wheels, pulleys, etc.
- T The legs grip automatically
- T The legs can be moved for use as a 2-arm puller
- T The adjustable reach means that this puller is very versatile



Code	No.	a _{max}	b	c	d	e	max.t	Ø
8006860	1.15/30	250	260	32	18	3.5	12.0	9.0
8109590	1.15/40	280	390	32	20	3.5	12.0	9.2



1.55

HYDRAULIC PRESS

- T This piece of auxiliary equipment considerably increases the capability of the standard pressure spindle
- T Operation: With pressure released, the press is placed between the pressure spindle and the end of the shaft. The pressure spindle is then tightened firmly. Care must be taken that the centreline of the shaft, the hydraulic press, and the pressure spindle are exactly in alignment. Then the hydraulic spindle is screwed inwards. Important note: Release the hydraulic press after use



Code	No.	Stroke height	Installation height	max.t	Ø
8024090	1.55/1	10	75	8.0	1.0
8024170	1.55/2	15	90	15.0	1.8





BALL BEARING EXTRACTOR

1.29

BALL BEARING EXTRACTOR

- T For removing ball bearings that are both on a shaft and in a housing
- T The legs selected using the table are inserted into the ball race, evenly distributed in the outer ring according to the number of balls
- T The support rings supplied for the ball bearings to be removed are placed on the bearings' inner races
- T The hub with spindle is then placed on the centering depression of the shaft and the spindle put under tension with the legs



Code	No.	A	§	O
8011000	1.29/1	M 10 x 160	14	0.2
8011190	1.29/2	M 12 x 195	14	0.5
8011270	1.29/3	M 14 x 210	17	0.6
8011350	1.29/4	M 18 x 230	19	0.9
8011430	1.29/5	M 20 x 235	22	1.9

1.29

PULLING LEGS set of 4 pieces

- T * Used with support rings for pulling bearings



Code	No.	y	for hub - for ball bearing No.	/
8011510	1.29/10	145	1.29/1 - 6000 6001 6002	80
8011780	1.29/15	145	1.29/1 - 6003 6004 6005 6200 6201 6202	100
8011860	1.29/20	177	1.29/2 - 6006 6203	200
8011940	1.29/25	177	1.29/2 - 6007 6008 6009 6010 6204 6205 6300 6301 6302	200
8012080	1.29/30	185	1.29/2 - 6303 6304 1.29/3 - 6011 6012	300
8012160	1.29/35	187	1.29/3 - 6206 6207 6208 6305	400
8012240	1.29/40	235	1.29/4 - 6209 6210	600
8110250	1.29/45	236	1.29/4 - 6211 6212 6308* 6404 6405 1.29/5 - 6309* 6310* 6311* 6406*	800

Deviant packing units see article description.

1.29/K

BALL BEARING EXTRACTOR SET

- T In sheet metal case, dimensions: 285 x 190 x 75 mm



Code	No.	Contents	O
8110330	1.29/1K	3 hubs with spindle 1.29/1 - 1.29/3 6 sets legs 1.29/10 - 1.29/35 1 plug-in handle 1.29/0	5.1
8012320	1.29/3K	5 hubs with spindle 1.29/1 - 1.29/5 8 sets legs 1.29/10 - 1.29/45 1 plug-in handle 1.29/0 and 4 support rings	8.7

Bearing installation tools and safety cover are listed on page 205





1.92 EXTRACTOR

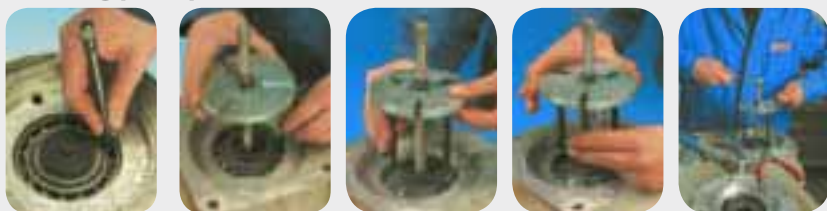
Better solutions through innovative and precise technology

Fields of application



Suitable for more than 40 standard ball bearings up to 6311

Working principle



① The innovative design with its maximum level of functionality in connection with simple handling provides a PLUS in effectivity and productivity.

② The top plate is easy to use. The legs are fixed in the slot.

③ The self-locking system guarantees 100% force transmission and the maximum safety during withdrawal.



1.92

BALL BEARING EXTRACTOR PLUS

- T Due to its great degree of functionality combined with the simplified handling, this novel design makes a PLUS in effectiveness and productivity possible
- T This tool is easy to use: The legs are fixed in the slot
- T The self-locking arrangement means that the force applied is 100% utilised. Secure at all times against slipping off - and a straight pulling force for precise working
- T Suitable for more than 40 standard ball bearings up to 6311
- T * with supporting ring 6309
- T ** with supporting ring 6310
- T *** with supporting ring 6311



1.92/12

Code	No.	Bearing	Leg	Head size	Ø
1553534	1.92/1	6000	10	1-7	2.3
		6001	10	1-4	
		6002	10	1-3	
		6003	10	1-4	
		6004	30	1-3	
		6005	30	1-3	
		6006	30	1-3	
		6007	40	1-3	
		6008	40	1-3	
		6009	40	1-3	
		6010	40	1-3	
		6200	10	1-4	
		6201	20	1-7	
		6202	20	1-4	
		6203	30	1-4	
		6204	40	1-4	
		6205	40	1-3	
		6300	30	1-3	
		6301	40	1-3	
		6302	40	1-7	
		6303	40	1-7	
		6304	40	1-7	

Code	No.	Bearing	Leg	Head size	Ø
1553542	1.92/2	6011	50	2-3	5.2
		6012	50	2-3	
		6206	50	2-3	
		6207	50	2-3	
		6208	60	2-3	
		6209	60	2-3	
		6210	60	2-3	
		6211	60	2-3	
		6212	70	2-3	
		6305	60	2-7	
		6306	60	2-4	
		6307	60	2-4	
		6308	70	2-4	
		6309	70	2-4	
		6310**	70	2-4	
		6311***	70	2-4	
		6403	60	2-3	
		6404	70	2-3	
		6405	70	2-7	
		6406	70	2-7	
		6407*	60	2-7	
1553550	1.92/12	Contents of set 1.92/1 and 1.92/2			7.6

1.92

PARTS

T Pulling legs No. 1.92/10 to 1.92/70 = set of 4 pieces

Code	No.	Description
1583263	1.92/10	Leg size 10
1583271	1.92/20	Leg size 20
1583298	1.92/30	Leg size 30
1583301	1.92/40	Leg size 40
1583328	1.92/50	Leg size 50
1583336	1.92/60	Leg size 60
1583344	1.92/70	Leg size 70
1574485	192/1-3	Head small 3
1574493	192/1-4	Head small 4
1574507	192/1-7	Head small 3/7
1574515	192/2-3	Head big 3
1574523	192/2-4	Head big 4
1574531	192/2-7	Head big 3/7
1574566	192/A-2	Adaptor for head big
1576208	1.1006170	Spindle small for 1.92/1
1576224	1.1406200	Spindle big for 1.92/2



1.34 INTERNAL EXTRACTOR In a class of its own due to the precision manufacturing technology

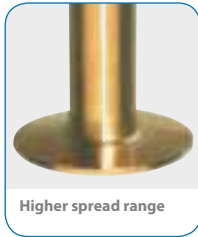
Contents:



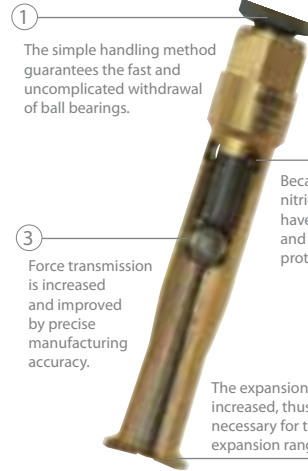
1.34/10 - 5-piece internal extractor set for closely-fitting ball bearings
Attractive set arrangement
Can be used with sliding hammer or counter-stay



1.34 Internal extractor



Higher spread range



1 The simple handling method guarantees the fast and uncomplicated withdrawal of ball bearings.

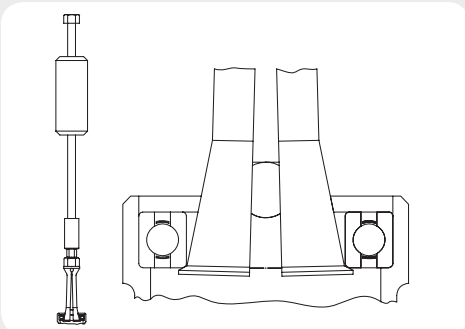
2 Because of their titanium nitrided coating the surfaces have increased hardness and are provided with better protection.

3 Force transmission is increased and improved by precise manufacturing accuracy.

4 The expansion ranges have been increased, thus fewer pullers are necessary for the same overall expansion range.



FEATURES MATERIAL



Advantages

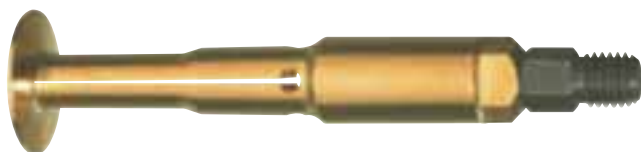
Titanium nitrided surface

- T Harder
- T More wear-resistant
- T Better surface protection
- T More heat-resistant
- T Fine design
- T Fast compensation of temperature differences

1.34/1 - 1.34/4

INTERNAL EXTRACTOR

- T For use with impact bearing puller no. 1.35/0 or support brace no. 1.36/1
- T Multiple wrench size (11+ 13 mm)

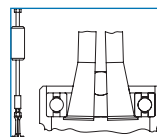


Code	No.	p	C	/
1638556	1.34/1	M10	5,0-8,5	40
1638564	1.34/2	M10	8,0-15,0	60
1638572	1.34/3	M10	15,0-25,0	80
1638580	1.34/4	M10	25,0-36,0	100

1.34/10

INTERNAL EXTRACTOR SET 5 pieces

- T For tightly-fitting ball bearings, bearing races, bushings and shaft seals
- T Operation: The internal extractor is inserted into the bearing and the spindle screwed in. The sharp turned-out shoulders of the pulling shell jaws will press outwards behind the part to be extracted. The counter-support brace or the impact bearing puller is then added
- Contents in practical case:**
 - T 4 internal extractors 1.34/1 (5-8.5 mm), 1.34/2 (8-15 mm), 1.34/3 (15-24 mm), 1.34/4 (25-36 mm)
 - T 1 impact bearing puller 1.35/0
 - T Multiple wrench size (11+ 13 mm)
 - T M10 connecting thread



Code	No.	O
1638629	1.34/10	1.3



1.30/0-9

INTERNAL EXTRACTOR

T For extremely-tightly-packed ball bearings, bearing races, bushings, and shaft seals Simmering®



Code	No.	p	B	C	\$	/
8012750	1.30/0	M10	1.36/1	5-8	10	120
8012830	1.30/1	M10	1.36/1	8-12	10	120
8012910	1.30/2	M10	1.36/1	12-15	10	130
8013130	1.30/3	M10	1.36/1	15-19	14	170
8013480	1.30/4	M10	1.36/1	19-25	14	200
8013560	1.30/4A	M10	1.36/1	25-30	14	300
8013640	1.30/5	M10	1.36/1	30-35	14	400
8013720	1.30/6	M14x1,5	1.36/2	35-45	17	650
8013800	1.30/7	M14x1,5	1.36/2	45-55	17	800
8013990	1.30/8	M14x1,5	1.36/3	55-70	19	1800
8014020	1.30/9	M14x1,5	1.36/3	70-100	27	3050

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... www.gedore.com

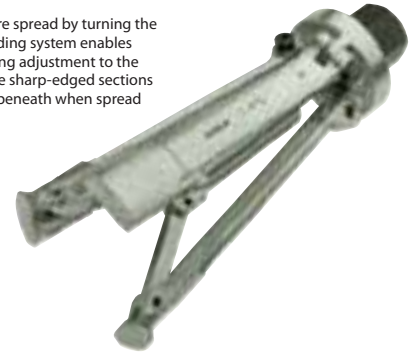


1.30/10

INTERNAL EXTRACTOR

T Suitable for removing large ball bearings and bearing outer races

T Operation: The extraction jaws are spread by turning the nut. The newly-developed spreading system enables a simple, step-free and time-saving adjustment to the desired diameter to be made. The sharp-edged sections of the extraction jaws seat flush beneath when spread



Code	No.	p	C	\$	/
8014100	1.30/10	G 1/2"	60-160	36	2312

1.30/N

INTERNAL EXTRACTOR with reinforced shoulder

T Especially suitable for the safe and trouble-free extraction of needle roller bearings, ball bearings and brass sleeves from crankshafts

T Note: The shoulder of the shell jaw must be applied behind the bearing

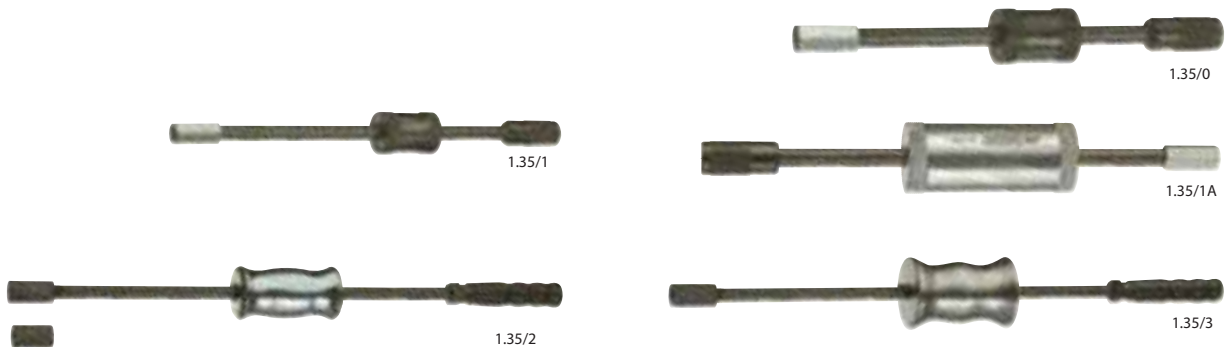


Code	No.	p	C	\$	/
8013050	1.30/2N	M10	12-14	10	170
8013210	1.30/3N	M10	14-19	14	170

1.35

IMPACT BEARING PULLER

T Suited for the removal of small ball bearings since there is often not enough room for support braces



Code	No.	for internal extractors	p	with adaptor	\$	y	Impact weight in g	/
1958062	1.35/0	1.34/1 - 1.34/4	M10	-	13	180	200	400
8016070	1.35/1	1.30/0 - 1.30/5 1.34/1 - 1.34/4	M10	-	13	230	200	450
1958070	1.35/1A	1.30/0 - 1.30/9	M10	M 14x1,5	13	230	700	950
8039010	1.35/2	1.30/0 - 1.30/9	M 14x1,5	M10	24	500	1700	3200
1958089	1.35/3	1.30/6 - 1.30/9	M 14x1,5	-	24	500	3000	4200



1.36/1-3

SUPPORT BRACE

T Operation: The support brace is placed on the housing and the spindle screwed onto the spindle of the internal extractor. The toggle is held firmly, and the bearing extracted by tightening the nut



1.36/4

SUPPORT BRACE

T For internal extractor no. 1.30/10
T Operation see no. 1.36



Code	No.	for internal extractors	p	\$	/
8016580	1.36/1	1.30/0 - 1.30/5 1.34/1 - 1.34/4	M10	27	750
8016660	1.36/2	1.30/6 - 1.30/7	M14x1,5	32	1650
8016740	1.36/3	1.30/8 - 1.30/9	M14x1,5	32	3000

Code	No.	p	\$	O
8016820	1.36/4	G 1/2"	36	7.6



1.31

INTERNAL EXTRACTOR SET

T Sets comprise the most used extractor sizes for the removal of ball bearings, bearing races, bushings, shaft seals, etc.
T In handy sheet metal case

1.31/1



1.31/0



Code	No.	Contents	O
8014450	1.31/0N	4 internal extractors 12-30 mm 1.30/2N -3N -4 -4A 1 support brace 1.36/1	2.6
8014530	1.31/0	4 internal extractors 12-30 mm 1.30/2 -3 -4 -4A 1 support brace 1.36/1	2.6
8014610	1.31/1	6 internal extractors 12-46 mm 1.30/2 -6 2 support braces 1.36/1 - 2	6.4
8014880	1.31/2	8 internal extractors 12-70 mm 1.30/2 -8 2 support braces 1.36/1 - 2	9.2

1.32/1-2

SET OF INTERNAL AND EXTERNAL EXTRACTORS

T The handy sheet metal case comprises internal extractors, support braces, pulling chucks, external extractors and stud extractors



1.32/1



1.32/2

Code	No.	Contents	O
8015260	1.32/1	6 internal extractors 12-46 mm 1.30/2 - 6, 2 support braces 1.36/1 - 2 1 pulling chuck 1.44, 1 battery-terminal puller 1.12/02, 1 puller, 2-arm pattern 1.06/1	10.4
8015340	1.32/2	8 internal extractors 12-70 mm 1.30/2 - 8, 2 support braces 1.36/1 - 2, 1 pulling chuck 1.44 1 battery-terminal puller 1.12/02, 2 pullers, 2-arm pattern 1.06/1 - 2, 1 stud extractor 1.28/1	19.0

1.37

CYLINDER LINER PULLER complete with support brace

T Wet heavy-vehicle (e.g. Daimler Benz, MAN) cylinder liners, automobile and stationary-engine liners, and other parts may be extracted using this puller



Code	No.	P	C	\$	O
8017200	1.37/2	G 1/2"	60-160	36	6.8

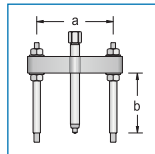


Bearing installation tools and safety cover are listed on page 205



**SEPARATORS****1.38****SEPARATOR PULLER**

T These separator pullers are used together with the bearing separators 1.40
 T The tension bolts are screwed into the threaded holes in the bearing separators



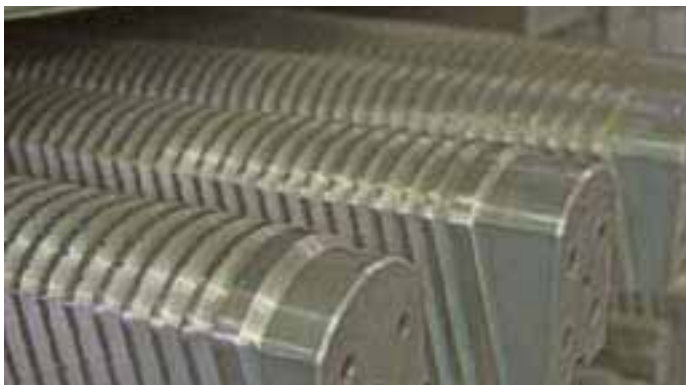
Code	No.	for separator	a	b	A	S	p	d	O
8017550	1.38/0	1.40/0	40-120	160	M 14 x 120	17	M10 / M12x1,5	-	1.0
8017630	1.38/1	1.40/1	60-165	230	M 18 x 170	19	M10 / M14x1,5	-	1.1
8017710	1.38/2	1.40/2	70-215	250	G 1/2 x 210	22	M14x1,5 / M16x1,5	1.06/HSP1	3.4
8017980	1.38/3	1.40/3	90-300	270	G 3/4 x 280	27	M18x1,5 / M20x1,5	1.06/HSP2	6.5
8018010	1.38/4	1.40/4	125-380	350	G 1 x 310	36	M22x1,5 / M24x1,5	1.06/HSP3	11.6
8018280	1.38/5	1.40/5	140-440	400	G 1 x 360	36	M24x1,5 / M26x1,5	1.06/HSP3	16.6

1.38/V**EXTENSION ROD**

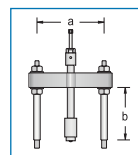
T For separator pullers 1.38



Code	No.	for separator	p	y	O
8018440	1.38/AV	1.38/0 1.38/1	M10	100	0.3
8018520	1.38/CV	1.38/2	M14x1,5	100	0.3
8018600	1.38/DV	1.38/3	M18x1,5	100	0.7
8018790	1.38/EV	1.38/4	M22x1,5	200	2.1
8018870	1.38/FV	1.38/5	M24x1,5	200	2.7

**1.38/HSP****SEPARATOR PULLER hydraulic**

T For use with separating blades 1.40
 T The tension bolts are screwed into the threaded bores of the separating blades



Code	No.	for separator	p	a	b	O
8014960	1.38/2-HSP1	1.40/2	M14x1,5	70-215	175	3.9
8015180	1.38/3-HSP2	1.40/3	M18x1,5	90-300	195	7.1
8015420	1.38/4-HSP3	1.40/4	M22x1,5	125-380	240	12.6
8015500	1.38/5-HSP3	1.40/5	M24x1,5	140-440	290	17.4



1.40

BEARING SEPARATOR

T For removing taper roller and ball bearings, inner bearing races, and other tightly-seated or thin-walled parts



Code	No.	for puller	p	Ø	Ø
8019680	1.40/0	1.38/0	M10	5-60	0.5
8019760	1.40/1	1.38/1	M10	12-75	0.9
8019840	1.40/2	1.38/2	M14x1,5	22-115	2.4
8019920	1.40/3	1.38/3	M18x1,5	30-155	4.7
8020180	1.40/4	1.38/4	M22x1,5	30-200	8.9
8020260	1.40/5	1.38/5	M24x1,5	30-250	15.3



1.40/15

DRIVE SHAFT BEARING PULLER

T Operation: The separator blades are placed evenly behind the bearing and the pulling arms aligned parallel to the axle and spindle



Code	No.	Aperture	y	A	\$	Ø
8010380	1.40/15	45-75	750	G 1/2 x 160	22	11.8

1.40/16

PULLER 2 pieces

T These legs, together with the cross-beam and separator blades of 1.40/15, are used for mounting drive-shaft bearings

T Operation: The separator blades are placed with the flat side behind the bearing, and the legs inserted behind the clamping bolt of the separator blades. When the spindle is tightened, the bearing is pulled against the axle flange



Code	No.	Description	Ø
8010460	1.40/16	Pair of legs	1.4
8010540	1.40/16A	Cross-beam with spindle	1.9

1.41

SEPARATOR AND PULLER SET

T Set comprising separator, puller, and extension rods
T In sheet metal case



Code	No.	Contents	Ø
8109750	1.41/0	1.38/0 1.38/AV 1.40/0	2.8
8109830	1.41/1	1.38/1 1.38/AV 1.40/1	5.3
8109910	1.41/2	1.38/2 1.38/CV 1.40/2	9.0
8110090	1.41/3	1.38/3 1.38/DV 1.40/3	16.0
8110170	1.41/4	1.38/4 1.38/EV 1.40/4	28.6

1.60

WHEEL-HUB PULLER for cars and trucks

T For wheel stud circles up to 225 mm
T Easy to use
T Upgradeable with hydraulic spindle
T No. 1.60/H = Spare leg



Code	No.	No. of legs	A	d	Ø
8024840	1.60/3	3	G 3/4 x 200	1.06/HSP2	4.3
8110840	1.60/4	4	G 3/4 x 200	1.06/HSP2	4.9
8024920	1.60/5	5	G 3/4 x 200	1.06/HSP2	5.3
8110920	1.60/H	1			0.5

1.60/HSP

WHEEL-HUB PULLER for cars and trucks, hydraulic (not illustrated)

T For wheel stud circles up to 225 mm
T Easy to use

Code	No.	No. of legs	d	Ø
8015690	1.60/3-HSP2	3	1.06/HSP2	4.5
8015770	1.60/4-HSP2	4	1.06/HSP2	5.4
8015850	1.60/5-HSP2	5	1.06/HSP2	5.8

**1.61****WHEEL-HUB PULLER for cars and trucks**

- T For wheel stud circles up to 250 mm
- T Easy to use
- T Upgradeable with hydraulic spindle
- T No. 1.61/H = Spare leg



Code	No.	No. of legs	A	d	O
8111060	1.61/3	3	G 3/4 x 200	1.06/HSP2	4.7
8111140	1.61/4	4	G 3/4 x 200	1.06/HSP2	5.2
8025300	1.61/5	5	G 3/4 x 200	1.06/HSP2	5.8
8111220	1.61/H	1			0.6

1.61/HSP**WHEEL-HUB PULLER for cars and trucks, hydraulic**

- T For wheel stud circles up to 250 mm
- T Easy to use



Code	No.	No. of legs	d	O
8015930	1.61/3-HSP2	3	1.06/HSP2	5.4
8016150	1.61/4-HSP2	4	1.06/HSP2	6.2
8016230	1.61/5-HSP2	5	1.06/HSP2	6.9

**1.62****WHEEL-HUB PULLER for trucks**

- T For wheel stud circles up to 350 mm
- T With wheel stud protection using rotating nut apertures that always lie flat to the hub
- T Upgradeable with hydraulic spindle



Code	No.	No. of legs	A	d	O
8026030	1.62/8	8	G 1 x 310	1.06/HSP3	12.6
8111220	1.61/H	1			0.6

1.62/HSP**WHEEL-HUB PULLER for trucks, hydraulic (not illustrated)**

- T For wheel stud circles up to 350 mm
- T With wheel stud protection using rotating nut apertures that always lie flat to the hub

Code	No.	No. of legs	d	O
8016310	1.62/8-HSP3	8	1.06/HSP3	13.6

1.64**DRIVE SHAFT PULLER**

- T Suitable for drive shafts with 4 or 5 apertures
- T For wheel stud circles 100-155 mm with 6 mm screws
- T For tapped holes up to max. M14



Code	No.	\$	O
8026700	1.64/1	24	4.5

1.65**PULLING FLANGE heavy-duty pattern**

- T For wheels and discs with tapped holes up to M16
- T The flange is fitted with slots for hole pitches of 180, 120, and 90 degrees
- T Additional holes may be drilled to render the flange suitable for other pitches and aperture diameters
- T A very sturdy model for heavy parts and the highest requirements



Code	No.	A	O
8027000	1.65/1	G 1.1/4 x 270	16.3



1.66

PULLING FLANGE

- T For wheels and discs with tapped holes up to M10
- T The flange is fitted with slots for hole pitches of 180 and 120 degrees
- T Using one pair each of long (135 mm) and short (85 mm) hooks and a protective cap for the thread of the steering column no. 1.66/11 is suitable as a steering wheel puller

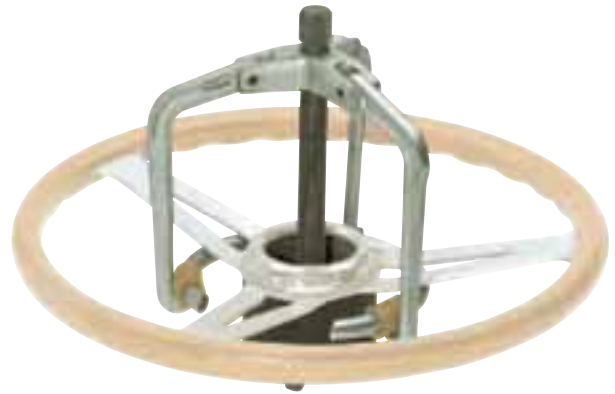


Code	No.	A	§	O
8027510	1.66/1	M 12 x 110	14	0.7
8027780	1.66/11	M 12 x 110	14	1.1

1.68

STEERING-WHEEL PULLER

- T Featuring 1 pulling ring each with 100 mm and 150 mm diameter for 3-spoke and 4-spoke steering wheels
- T To protect the steering-wheels, the pulling rings are fitted with sliding rubber sleeves

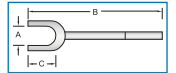


Code	No.	Leg length	A	§	O
8028750	1.68/1	120	M 18 x 170	19	2.0

1.70

DISMANTLING AND ASSEMBLY FORK

- T For fast removal of track rod and push rod ends, steering arms, and other steering parts
- T Also suitable for removing shock absorbers and other separating and dismantling work
- T The forks are suitable for use in the most confined spaces
- T Hammer blows on the handle ends are used to separate the parts



Code	No.	A mm	B mm	C mm	O
8029210	1.70/1	18	340	80	0.8
8029480	1.70/2	23	340	80	0.9
8029560	1.70/3	29	350	90	1.1
8029640	1.70/4	40	350	90	1.2
8085040	1.70/5	45	355	95	1.2

1.67

STEERING-WHEEL PULLER for cars

- T Contains 1 pair of short legs, 1 pair of long legs, and a protective cap for the thread of the steering column



Code	No.	Clamping reach	Leg length up to	A	§	O
8028240	1.67/1	35-90	135	M 14x1,5 x 150	17	0.9



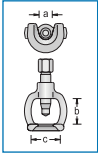


BALL JOINT PULLERS

1.72

BALL JOINT PULLER

T For the simple and damage-free removal of ball pins on track rods and push rods



Code	No.	a	b	c	A	S	O
8030300	1.72/1	18	35	40	M 14x1,5 x 50	17	0.3
8030490	1.72/2	23	45	50	M 14x1,5 x 50	17	0.4
8030570	1.72/3	27	56	60	M 18x1,5 x 80	19	0.7
8030650	1.72/4	37	78	75	G 1/2 x 110	22	1.7

1.73

UNIVERSAL BALL JOINT PULLER

T For removing ball joints on cars and trucks

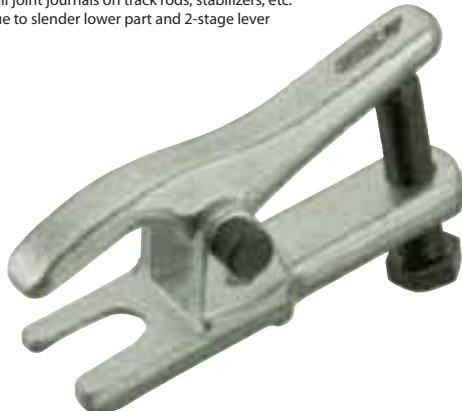


Code	No.	O	Clamping height	Fork depth	O
8030810	1.73/1	23	65	24	0.7
8033240	1.73/3	32	85	28	2.5

1.74

UNIVERSAL BALL JOINT PULLER

T For removing the ball joint journals on track rods, stabilizers, etc.
T Simple operation due to slender lower part and 2-stage lever position



Code	No.	O	Clamping height	Fork depth	O
8085200	1.74/1	20	12-50	35	1.4
8085390	1.74/2	20	50-80	35	1.7

OIL FILTER HOOK

1.75

OIL FILTER HOOK 3-arm pattern

T For removing firmly seated oil filters
T With 3/8" female square drive and adaptor 17 mm external

C



Code	No.	O	O
8117420	1.75/1	60-120	0.7

Cylinder liner puller are listed on page 236

COIL SPRING COMPRESSORS

1.78 S

SAFETY COIL SPRING COMPRESSOR

T For the safe installation and removal of coil springs with a diameter of 110-180 mm
T **Safety note:** When the spindles are tightened evenly, the clamping heads grip the coils tightly, rendering sideways slip impossible
T VPA-GS-tested safety

d



Code	No.	Clamping reach	O
8031110	1.78/S1	140	1.8
8031380	1.78/S2	240	2.2
8031460	1.78/S3	340	2.6

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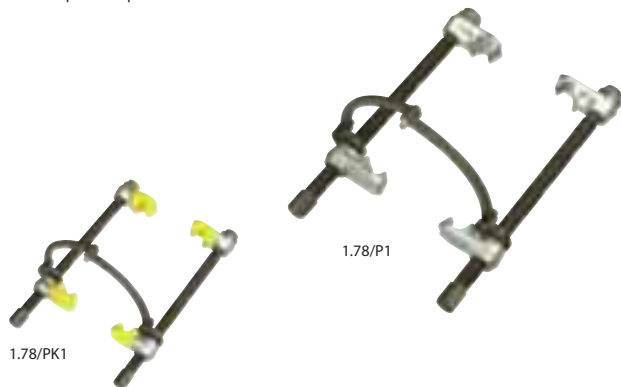


1.78 P

UNIVERSAL COIL SPRING COMPRESSOR

- T For MacPherson suspension strut and transverse link axes with spring diameters of 110-180 mm
- T The hooks are drop forged
- T The wide support rests are matched to the coil spring pitch
- T VPA-GS-tested safety
- T PK = with plastic cap

d



Code	No.	Clamping reach	max. t	Ø
8111300	1.78/P1	240	3.5	2.6
8031030	1.78/PK1	240	3.5	2.5



1.79

SPRING SPREADER

- T Especially designed for VAG exhaust installations, where the pipe is not held by bolts to the exhaust manifold, but clamped on using springs

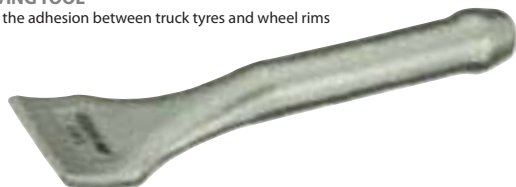


Code	No.	Ø
8112540	1.79/1	0.4

1.91

TYRE REMOVING TOOL

- T For breaking the adhesion between truck tyres and wheel rims



Code	No.	y	Ø
8032270	1.91	300	2.0

TRACK ALIGNMENT GAUGE

3.01

TRACK ALIGNMENT GAUGE

- T For inside measurement
- T Suitable for all vehicle types
- T With simple, telescopic length adjustment
- T Extensive measurement range from 835 to 1500 mm, and with extensions up to 2100 mm
- T Track difference measurable from 0-35 mm, easy to read



Code	No.	Description	Measurement range mm	Ø
8033080	3.01	Track alignment gauge	835-1500	1.9
8033160	3.01/V	Extension for track alignment gauge	1500-2100	0.6

NOTES ON USE 3.01

T The vehicle to be tested must be standing on level ground. The front wheels must be set for running straight ahead and have the same tyre pressure. The play in the steering linkage must be removed by pressing the front wheels apart. The track alignment gauge must be set roughly at the axle centre-line between the front tyres in such a manner that the two chain ends contact the ground. The scale is set a "0". The car is allowed to roll forward approx. one half turn of the wheel, until the chain ends again contact the ground. The track difference may then be read off on the scale.

ACCESSORIES

1.26

NUT SPLITTER

- T For splitting jammed or stripped nuts without damaging the bolt thread
- T Suitable for nuts up to property class 6



Code	No.	for nuts	A	Ø	Ø
8009880	1.26/1	10-17 mm, M6-M10	M 14x1,5 x 37	17	0.3
8009610	1.26/2	17-24 mm, M10-M16	M 14x1,5 x 37	17	0.3
8010030	1.26/3	24-36 mm, M16-M24	M 22x1,5 x 70	24	1.1



Code	No.	Contents 1 each	Ø
8010110	1.26/12	1.26/1 1.26/2	0.6

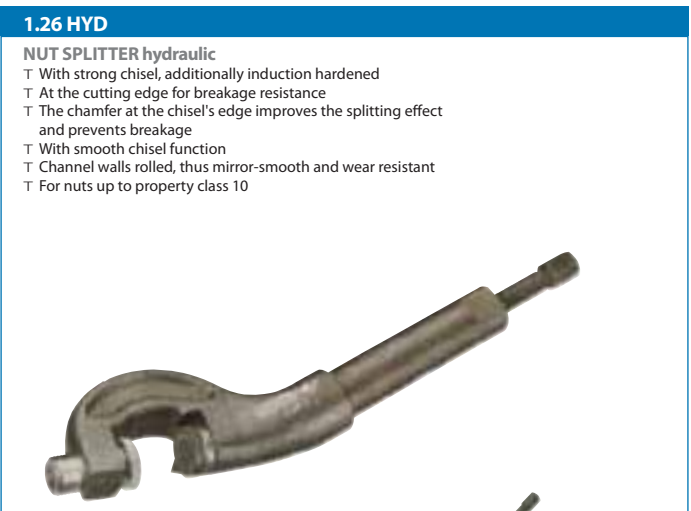


Code	No.	Contents	Ø	G
2017008	1.26/K-3	as below stated		G

Code	No.	Description	Qty.
8009880	1.26/1	Nut splitter	1
8009610	1.26/2	Nut splitter	1
8010030	1.26/3	Nut splitter	1
2017016	1.26/M1	Spare chisel for 1.26/1 + /2	2
2017024	1.26/M3	Spare chisel for 1.26/3	1



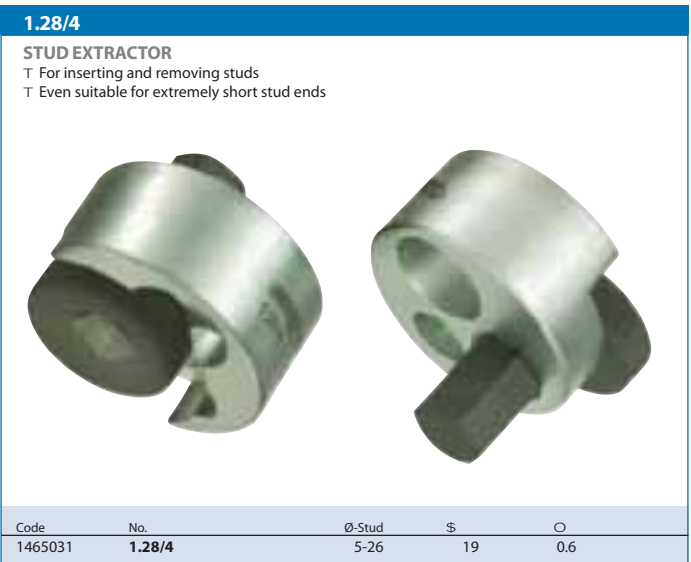
Deviant packing units see article description.



Code	No.	for nuts	\$	max. t	Ø
8009450	1.26/1 HYD	7-22 mm, M4-M14	12	5.0	0.8
8009530	1.26/2 HYD	22-36 mm, M14-M24	12	13.0	3.4



Code	No.	Ø-Stud	\$	Ø
8010620	1.28/1	6-13	19	0.2
8010700	1.28/2	8-19	19	0.3
8010890	1.28/3	19-25	19	0.4



Code	No.	Ø-Stud	\$	Ø
1465031	1.28/4	5-26	19	0.6





1.44

PULLING CHUCK

T For removing the inner races of dynamos, magnetos, motors, and other machine parts
 T Simple operation by tightening the cap nut



Code	No.	Clamping reach	Clamping depth	∅
8022040	1.44/1	5-32	125	1.4



1.90

FLANGE SEPARATORS (pair)

T For separating DIN standard flanges on pipes when changing seals and doing maintenance work
 T For ∅ 80-250 mm and screw threads M16-M24
 T Use: Always use the separators in pairs and attach them to opposite sides of the flange. When the two spindles are turned alternately, the flanges will be separated from one another evenly. When the spindles are turned back alternately, this guarantees a perfect fitting of the flanges in their original position. Always use in pairs! Press in opposite directions at 180°!



Code	No.	for screw threads	∅	∅
1596403	1.90/1	M16 - M24	80-250	5.5

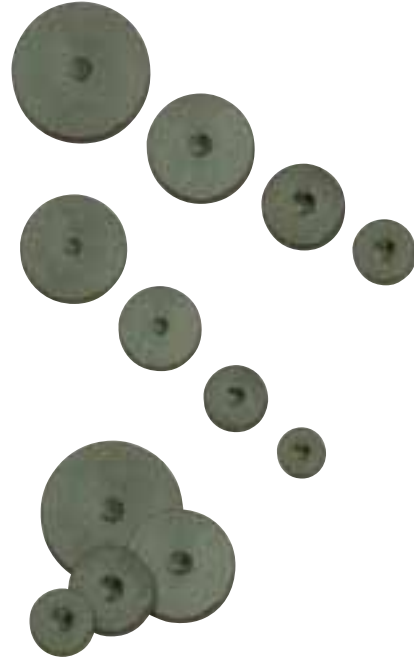


SPINDLE PRESSURE PADS / ADAPTORS

1.80

SPINDLE PRESSURE PADS for axle bores (hollow shafts)

T For the removal of bearings and gear wheels that are mounted on hollow shafts or in housings
 T The spindle pressure pad serves as a counter-axis to the puller, where the spindle now transfers the force to the pressure pad



Code	No.	Plate ∅	Holder ∅	∅
1120697	1.80/1	25 28 32	19 22 25	2.300
		35 41 44	28 32 35	
		48 50 54	38 41 44	
		60 64	48 50	
		67 70 73	54 57 60	
1120700	1.80/2	78 83 90	64 70 76	2.400
		64 70 76	50 54 57	
1120719	1.80/3	41 44 48	32 35 38	4.300
		50 54 60	41 44 48	
		64 67 70	50 54 57	
		73 78 83	60 64 70	
		90	76	

1.81/1 + 2

THREADED INSERTS for 1-hole uses

T The threaded inserts make the removal of threaded caps, for example, possible, when these possess one threaded hole
 T No. 1.81/1: For slide hammers 1.35/1, 1.35/2, threaded support 1.36/1
 T No. 1.81/2: For slide hammers 1.35/2, 1.36/2, threaded support 1.36/3



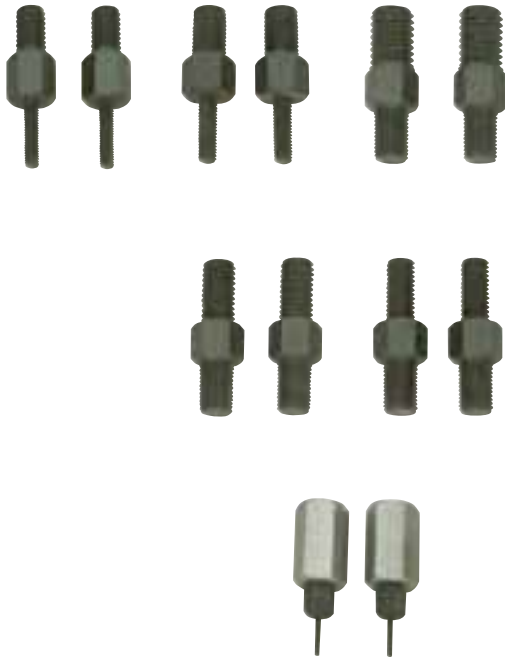
Code	No.	Connecting thread p	/
1120727	1.81/1	M10 - M4 M10 - M5 M10 - M6	340
		M10 - M8 M10 - M10 M10 - M12	
1120743	1.81/2	M14x1,5 - M8 M14x1,5 - M10	490
		M14x1,5 - M12 M14x1,5 - M14	
		M14x1,5 - M16 M14x1,5 - M18	



1.81/10 + 20

THREADED INSERTS for 1-hole and 2-hole uses, 2 each

T The threaded inserts make the removal of threaded caps, for example, possible, when these possess one or two threaded holes
 T No. 1.81/10: For separator puller 1.38/0, 1.38/1
 T No. 1.81/20: For separator puller 1.38/2



Code	No.	Connecting thread p	/
1120735	1.81/10	M10 - M4 M10 - M5 M10 - M6 M10 - M8 M10 - M10 M10 - M12	670
1120751	1.81/20	M14x1,5 - M8 M14x1,5 - M10 M14x1,5 - M12 M14x1,5 - M14 M14x1,5 - M16 M14x1,5 - M18	1222

1.81/K

SET OF THREADED INSERTS for 1-hole uses

T The threaded inserts make the removal of threaded caps, for example, possible, when these possess one threaded hole
 T No. 1.81/K-1: With slide hammer 1.35/1, rod 230 mm and impact weight 200 g
 T No. 1.81/K-12: With slide hammer 1.35/1A, rod 230 mm and impact weight 700 g, adaptor M14x1,5
 T In robust plastic case, 275 x 229 x 83 mm



Code	No.	Connecting thread p	/
1936549	1.81/K-1	M10 - M4 M10 - M5 M10 - M6 M10 - M8 M10 - M10 M10 - M12	1000
1936557	1.81/K-12	M10 - M4 M10 - M5 M10 - M6 M10 - M8 M10 - M10 M10 - M12 M14x1,5 - M14 M14x1,5 - M16 M14x1,5 - M18	1830

ADD-ON SYSTEMS

1.18/1.19

ECO PULLER SET

T This perforated panel offers place for every pullers of the series 1.18 and 1.19



Code	No.	Contents 1 each	○
1824007	1.18/1.19	2-arm Puller 1.18/1 1.18/2 1.18/3 3-arm Puller 1.19/1 1.19/2 1.19/3 2-arm-Fan puller 1.18/02 1.18/01 1.18/00 3-arm Fan puller 1.19/02 1.19/01 1.19/00	21.0

2.10

AUTOMOBILE WORKSHOP SET Add-on system

T Clearly arranged module system
 T Everything at hand on perforated wall-board



Code	No.	Contents	○
1088696	2.10	as below stated	13.3

Code	No.	Description	Qty.
1076469	106/103	Cross-beam, 2-arm pattern, 140 mm	1
1076981	107/103	Cross-beam, 3-arm pattern, 140 mm	1
1120514	106/A	Pulling leg, 100 mm	3
1175343	106/S100	Pulling leg, slim pattern, 100 mm	3
8003840	1.12/02	Battery-terminal puller, 2-arm pattern	1
8009610	1.26/2	Nut splitter	1
8010700	1.28/2	Stud extractor	1
8029480	1.70/2	Dismantling and assembly fork	1
8030810	1.73/1	Universal ball joint puller	1
8117420	1.75/1	Oil filter hook	1

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2.20

TRUCK WORKSHOP SET Add-on system

- T Clearly arranged module system
- T Everything at hand on perforated wall-board



Code	No.	Contents	○
1088718	2.20	as below stated	23.3

Code	No.	Description	Qty.
1076612	106/2A03	Cross-beam, 2-arm pattern, 260 mm	1
1077023	107/2A03	Cross-beam, 3-arm pattern, 260 mm	1
1120530	106/B	Pulling leg, 100 mm	3
1175475	106/S220	Pulling leg, slim pattern, 220 mm	3
1123947	106/BV	Pulling leg, 300 mm	3
1084593	1.2106210	Spindle	1
8116100	1.06/HSP1	Hydraulic pressure spindle	1
8019840	1.40/2	Bearing separator	1

2.30

INDUSTRIAL PULLING SET Add-on system

- T For the assembly of the tried and tested 1.06 and 1.07 versions
- T Using this set, you will be able to assemble more than 12 of the usual versions with high-speed clamping legs, including hydraulic spindle, in seconds



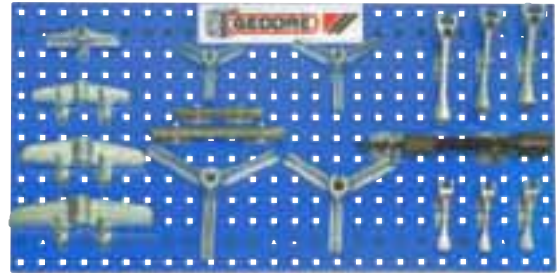
Code	No.	Contents	○
1393014	2.30	as below stated	19.4

Code	No.	Description	Qty.
1076469	106/103	Cross-beam, 2-arm pattern, 140 mm	1
1076485	106/1A03	Cross-beam, 2-arm pattern, 180 mm	1
1076590	106/203	Cross-beam, 2-arm pattern, 220 mm	1
1076612	106/2A03	Cross-beam, 2-arm pattern, 260 mm	1
1076981	107/103	Cross-beam, 3-arm pattern, 140 mm	1
1077007	107/1A03	Cross-beam, 3-arm pattern, 180 mm	1
1077015	107/203	Cross-beam, 3-arm pattern, 220 mm	1
1077023	107/2A03	Cross-beam, 3-arm pattern, 260 mm	1
1084488	1.1406140	Spindle	1
1084593	1.2106210	Spindle	1
8116100	1.06/HSP1	Hydraulic pressure spindle	1
1178199	106/A-E	Pulling leg	3
1178253	106/B-E	Pulling leg	3

2.30-B

INDUSTRIAL PULLING SET WITH LEG BRAKE Add-on system

- T For the assembly of the tried and tested 1.06 and 1.07 versions
- T Using this set, you will be able to assemble more than 12 of the usual versions with high-speed clamping legs, including hydraulic spindle, in seconds
- T 2-arm cross-beams with scale for uniform adjustment of the puller legs. Allows centred pulling, with optimised application of force, even when extremely high pulling forces are required
- T Leg brake prevents unintentional leg slipping. The leg can be slid along the cross-beam at the push of a button



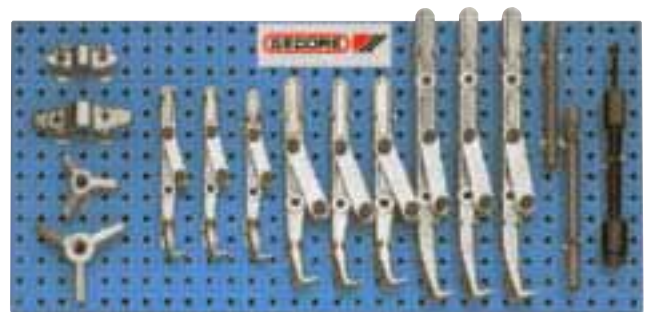
Code	No.	Contents	○	G
2017032	2.30-B	as below stated		G

Code	No.	Description	Qty.
1076469	106/103	Cross-beam, 2-arm pattern, 140 mm	1
1076485	106/1A03	Cross-beam, 2-arm pattern, 180 mm	1
1076590	106/203	Cross-beam, 2-arm pattern, 220 mm	1
1076612	106/2A03	Cross-beam, 2-arm pattern, 260 mm	1
1076981	107/103	Cross-beam, 3-arm pattern, 140 mm	1
1077007	107/1A03	Cross-beam, 3-arm pattern, 180 mm	1
1077015	107/203	Cross-beam, 3-arm pattern, 220 mm	1
1077023	107/2A03	Cross-beam, 3-arm pattern, 260 mm	1
1084488	1.1406140	Spindle	1
1084593	1.2106210	Spindle	1
8116100	1.06/HSP1	Hydraulic pressure spindle	1
1956418	1.06/100-B	Pulling legs	3
1956426	1.06/150-B	Pulling legs	3

2.40

PULLING SET FOR CONSTRUCTION MACHINES Add-on system

- T For the assembly of the robust and handy strap-pattern pulling tools 1.14 and 1.15
- T With this set, you will be able to assemble 10 of the usual flexible strap-pattern pulling tools from the range 1.14/1.15, including the new hydraulic spindle



Code	No.	Contents	○
1393030	2.40	as below stated	24.3

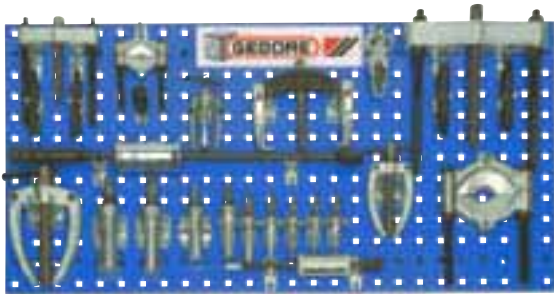
Code	No.	Description	Qty.
1077856	114/204	Head	1
1077910	114/304	Head	1
1078054	115/204	Head	1
1078070	115/304	Head	1
1084569	1.1806200	Spindle	1
1084631	1.2106250	Spindle	1
8116100	1.06/HSP1	Hydraulic pressure spindle	1
1077821	114/201	Pulling leg, 210 mm	3
1077899	114/301	Pulling leg, 260 mm	3
1077953	114/401	Pulling leg, 390 mm	3
1077872	114/208	Strap	6
1077937	114/308	Strap	12



2.50

SET OF INTERNAL AND EXTERNAL EXTRACTORS

T Suitable for various applications of external or internal extraction
 T Internal extractors for bores with Ø 5 - 55 mm. To use in connection with impact bearing puller or counter-support braces
 T External extractors with various clamping depths up to 130 mm
 T Separators and pullers incl. extension rods, ideal for removing tightly-seated or thin-walled parts for outer diameter 5 - 115 mm



Code	No.	Description	Qty.
8039010	1.35/2	Impact bearing puller	1
8016580	1.36/1	Support brace	1
8016660	1.36/2	Support brace	1
1868152	1.04/HP1A	Universal puller HIGH POWER	1
1628410	1.13/00	Battery-terminal puller, 3-arm pattern	1
8084580	1.23/15	Puller	1
8017550	1.38/0	Separator puller	1
8017710	1.38/2	Separator puller	1
8018440	1.38/AV	Extension rod	1
8018520	1.38/CV	Extension rod	1
8019680	1.40/0	Bearing separator	1
8019840	1.40/2	Bearing separator	1

Code	No.	Contents	O	G
2017040	2.50	as below stated	O	G

Code	No.	Description	Qty.
8012750	1.30/0	Internal extractor	1
8012830	1.30/1	Internal extractor	1
8012910	1.30/2	Internal extractor	1
8013130	1.30/3	Internal extractor	1
8013480	1.30/4	Internal extractor	1
8013560	1.30/4A	Internal extractor	1
8013640	1.30/5	Internal extractor	1
8013720	1.30/6	Internal extractor	1
8013800	1.30/7	Internal extractor	1
1958070	1.35/1A	Impact bearing puller	1



SAFETY NOTES

1 Insert the threaded rod into the tool head.

2 Attach the clamping arms to the threaded rod.

3 Mount the tool onto the workpiece, ensuring the clamping arms are properly seated.

4 Tighten the tool against the workpiece. A minimum clamping depth of 3 mm is required.

5 Safety warnings: Do not use on thin-walled parts, brittle materials, or at a 90-degree angle to the workpiece.

6 Attach the impact bearing puller to the tool's threaded rod.

7 Attach the separator or puller to the tool's threaded rod.

8 Attach the extension rod to the tool's threaded rod.

9 Final assembly of the tool with the selected extraction component.

10 Safety warnings: Do not use on thin-walled parts, brittle materials, or at a 90-degree angle to the workpiece.



INNOVATIVE CORROSION PROTECTION NC COROSTOP IDEAL IN WIND AND WEATHER

OVERVIEW

T COROSTOP Tools

T Cases

T Nautic Sets

T Parts





COROSTOP TOOLS An innovation by GEDORE



Surface treatment

T COROSTOP is a special process for preventing corrosion on tools used in wet areas. The tools are specially electroplated to provide corrosion proofing many times greater (at least 500%) than our conventionally coated tools. The protective COROSTOP coating reliably protects the tool, even when it sustains slight surface damage.

T This method ensures COROSTOP tools are ideally suited to a wide range of marine applications, work on drilling rigs - in fact everywhere where water is present or used in the process and robust tools are required for sustained use.

Comparative test - effect of NC in salt water



After 10 days in salty seawater:

- 1) The surface shows no trace of corrosion
- 2) The surface has clear traces of rust film

Care notes:

T After use, rinse the tools with tap water (fresh water) and then wipe dry. This will maintain corrosion proofing over a long period.

COROSTOP Tool Sets

T Tools in metric or inch sizes. Supplied in watertight, offshore-yellow cases, temperature-stable from -25°C to +80°C. The cases float and can give a person overboard additional buoyancy. Depending on its size, the case complete with tools has a buoyancy of around 10 N - 100 N. The majority of the tools have the special COROSTOP (= NC) coating to give long-term corrosion-proofing.





NAUTIC-SETS

502 M

NAUTIC SET DHINGY 11 pieces

- T This set contains only the tools required on a small sailing boat
- T The buoyancy of the case including tools is more than 20 N
- T Dimensions: 255 x 180 x 80 mm
- T Delivery package does not contain any extras (glasses, watch, mobile phone etc.)



Code	No.	O	I
1657453	502 M NC 42 2,5 4 5 6 8 NC 2150 5,5 NC 2160 PH 2 NC 8210-180 J 4900 E-502/503 EH First-Aid-Kit E-502 P Plastic box	1.5	1

502 P

NAUTIC SET DHINGY PLUS 17 pieces

- T This set contains only the tools required on a small sailing boat
- T The buoyancy of the case including tools is more than 20 N
- T Dimensions: 255 x 180 x 80 mm



Code	No.	O	I
1884395	502 P NC H 42-10 (1,3 1,5 2 2,5 3 4 5 6 8 10 mm) 4900 NC 145 10 NC 2160 PH 0 1 2 247 H-30-200 E-502/503 EH First-Aid-Kit	1.7	1



503 M

NAUTIC SET MOTORBOAT 22 pieces

- T The MOTORBOAT set is aimed at skippers of small to medium-sized motorboats
- T It contains all the tools required to carry out maintenance and minor engine repairs
- T The buoyancy of the case including tools is more than 10 N
- T Dimensions: 255 x 180 x 80 mm



Code	No.	O	I
1657461	503 M NC H 42-10 (1,3 1,5 2 2,5 3 4 5 6 8 10 mm) NC 49 D, NC 49 R NC 145 10 NC 2150 5,5 NC 2160 PH 2 NC 8210-180 J 4900 648 4610 4629 8729 First-Aid-Kit E-502/503 EH	2.4	1

504 M

NAUTIC SET YACHT 65 pieces

- T The YACHT set is aimed at skippers of large motor and sailing yachts, enabling them to carry out repairs away from the marina
- T The buoyancy of the case including tools is around 100 N
- T Dimensions: 380 x 250 x 120 mm



Code	No.	O	I
1658344	504 M NC 7 6 7 8 9 10 12 13 14 15 16 17 18 19 NC H 42-10 (1,3 1,5 2 2,5 3 4 5 6 8 10 mm) NC SCL 43 TX-80 (T9 T10 T15 T20 T25 T27 T30 T40) NC 52 NC 53 NC 60 P 8 NC 30 8 10 12 13 14 15 16 17 18 19 20 21 22 NC 3087 NC 3090-5 NC 3093 U-10 NC 137 10 NC 2150 3 5,5 8 NC 2160 PH 1 2 406 4522 4534-3 4610 4629 NC 8132-160 J NC 8210-180 J NC 8316-160 J 247 H-30	7.0	1

504 A

NAUTIC SET YACHT AF 59 pieces

- T The YACHT set is aimed at skippers of large motor and sailing yachts, enabling them to carry out repairs away from the marina
- T Tools in inch sizes
- T The buoyancy of the case including tools is around 100 N
- T Dimensions: 380 x 250 x 120 mm



Code	No.	O	I
1884239	504 A NC 7 1/4 5/16 11/32 3/8 7/16 1/2 9/16 5/8 11/16 3/4 AF NC H 42-88 A (5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 AF) NC SCL 43 TX-80 (T9 T10 T15 T20 T25 T27 T30 T40) NC 52 NC 53 NC 60 P 8 NC 30 1/4 5/16 11/32 3/8 AF NC D 30 7/16 1/2 9/16 19/32 5/8 11/16 3/4 AF NC 3087 NC 3090-5 NC 3093 U-10 NC 137 10 NC 145 10 NC 2150 3 5,5 8 NC 2160 PH 1 2 406 4522 4534-3 4610 4629 NC 8132 AB-160 J NC 8210-180 J NC 8316-160 J 247 H-30	6.5	1



Detailed information on products, promotions and trade fairs

... www.gedore.com



505 M

NAUTIC SET CARGO SHIP 73 pieces

- T The CARGO SHIP set is aimed at owners of vessels from small fishing smacks up to cargo ships, enabling them to carry out repairs out of port
- T The buoyancy of the case including tools is around 100 N
- T Dimensions: 420 x 305 x 170 mm

o
d



Code	No.	Ø	l
1658336	505 M	15,0	1
	NC 7 6 7 8 9 10 12 13 14 16 17 18 19 22 24 27 30 32		
	NC H 42-10 (1,3 1,5 2 2,5 3 4 5 6 8 10 mm)		
	NC SCL 43 TX-80 (T9 T10 T15 T20 T25 T27 T30 T40) NC 50 NC 54		
	NC 19 10 12 13 14 16 17 18 19 22 24 27 30 32		
	NC 1987 NC 1990-5 -10		
	NC 1993 U-10 T NC 60 P 12		
	NC 137 10 NC 145 10		
	NC 352 150 NC 355 4		
	NC 2150 3 5,5 8 NC 2160 PH 1 2 406 4522 4534-3 4610 4629 NC 8132-160 J NC 8210-180 J NC 8316-160 J 247 H-30		



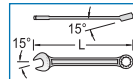
COROSTOP NC SPANNERS

NC 7

COMBINATION SPANNER NC with same size each end

- T Acc. to DIN 3113 Form A, ISO 3318, ISO 7738 (only metric sizes)
- T Ring 15° offset from shaft
- T GEDORE vanadium steel 31CrV3, with COROSTOP coating, polished rings
- T * not standardised

3



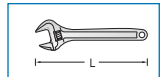
Code	No.	*	l	L	/	l
1669613	NC 7 6		6	100	12	1
1669621	NC 7 7		7	110	15	1
1669648	NC 7 8		8	120	20	1
1669656	NC 7 9		9	130	32	1
1669664	NC 7 10		10	140	34	1
1669680	NC 7 12		12	160	50	1
1669699	NC 7 13		13	170	65	1
1669702	NC 7 14		14	180	73	1
1669710	NC 7 15		15	190	90	1
1669729	NC 7 16		16	200	120	1
1669737	NC 7 17		17	210	105	1
1669745	NC 7 18		18	220	165	1
1669753	NC 7 19		19	230	150	1
1669761	NC 7 20	*	20	240	220	1
1669796	NC 7 21		21	252	250	1
1669818	NC 7 22		22	262	215	1
1669826	NC 7 24		24	282	295	1
1669834	NC 7 27		27	310	400	1
1669842	NC 7 30		30	340	544	1
1669850	NC 7 32		32	380	624	1

Code	No.	"	L	/	l
1803603	NC 7 1/4AF	1/4	100	14	1
1803611	NC 7 5/16AF	5/16	120	20	1
1884115	NC 7 11/32AF	11/32	130	30	1
1803638	NC 7 3/8AF	3/8	140	45	1
1803646	NC 7 7/16AF	7/16	150	45	1
1803654	NC 7 1/2AF	1/2	170	50	1
1803662	NC 7 9/16AF	9/16	180	65	1
1803670	NC 7 5/8AF	5/8	200	75	1
1803689	NC 7 11/16AF	11/16	220	100	1
1803697	NC 7 3/4AF	3/4	230	135	1
1803700	NC 7 7/8AF	7/8	262	190	1
1803719	NC 7 1AF	1	302	300	1

NC 60 P

ADJUSTABLE WRENCH NC open end

- T Acc. to DIN 3117, Form A
- T Swedish pattern, roller with left hand thread
- T Jaw set at 15°
- T With scale
- T GEDORE vanadium steel 31CrV3, with COROSTOP coating



Code	No.	L	Ø	9	/	E
1670220	NC 60 P 8	205	25	1	0-25	250 1
1669958	NC 60 P 12	305	36	1.7/16	0-36	700 1

RING SLOGGING SPANNER LOCK-ON

**A safe solution...
... for those firmly-seated connections**



- T GEDORE's ring slogging spanner NC 306 S embodying the new safety technology
- T The spanner is safely secured to the work, and this is done by fixing the ring slogging spanner in position with a small screw on the ring head



- T Optimum protection against injuries
- T The spanner is safely secured to the work
- T Noticeably greater impact effect when used - this means more effective use of the ring slogging spanner
- T COROSTOP coating for long-life corrosion proofing



The principle:

- T A small locking screw through the head of the slogging spanner grips the side of the bolt to be released. After the slogging spanner has done its job, the screw is slackened off again
- T Available in all usual sizes:
T 24, 27, 30, 32, 34, 36, 41, 46, 50, 55, 60, 65, 70, 80, 90, 95, 100, 115, 120, 130, 135, 145, 150, 155, 165, 170, 175 mm
- T Prices and further sizes on request (mm, inch)

505 A

NAUTIC SET CARGO SHIP AF 64 pieces

- T The CARGO SHIP set is aimed at owners of vessels from small fishing smacks up to cargo ships, enabling them to carry out repairs out of port
- T Tools in inch sizes
- T The buoyancy of the case including tools is around 100 N
- T Dimensions: 420 x 305 x 170 mm

o
d



Code	No.	Ø	l
1884220	505 A	10,0	1
	NC 7 1/4 5/16 11/32 3/8 7/16 1/2 9/16 5/8 11/16 3/4 7/8 1 AF		
	NC H 42-88 A (5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 AF)		
	NC SCL 43 TX-80 (T9 T10 T15 T20 T25 T27 T30 T40) NC 50 NC 54		
	NC D 19 5/16 11/32 3/8 13/32 7/16 1/2 9/16 19/32 5/8 11/16 3/4 AF NC 1987 NC 1990-5 -10 NC 1993 U-10 T NC 60 P 12 NC 137 10 NC 145 10 NC 352 150 NC 355 4 NC 2150 3 5,5 8 NC 2160 PH 1 2 406 4522 4534-3 4610 4629 NC 8132 AB-160 J NC 8210-180 J NC 8316-160 J 247 H-30		





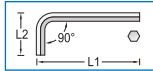
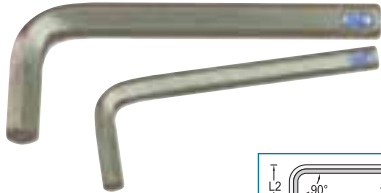
COROSTOP NC SCREWDRIVER

NC 42

HEXAGON SOCKET KEY NC for in-hex screws

- T Acc. to DIN ISO 2936 (only metric sizes)
- T GEDORE vanadium plus steel with COROSTOP coating

5



Code	No.	\$	L ₁	L ₂	/	€
1670077	NC 42 1,3	1.3	41.0	13.0	1	1
1670093	NC 42 1,5	1.5	46.5	15.5	1	1
1670107	NC 42 2 (5/64AF)	2.0	52.0	18.0	2	1
1670115	NC 42 2,5	2.5	58.5	20.5	3	1
1670123	NC 42 3	3.0	66.0	23.0	5	1
1670131	NC 42 4	4.0	74.0	29.0	10	1
1670158	NC 42 5	5.0	85.0	33.0	18	1
1670174	NC 42 6	6.0	96.0	38.0	29	1
1670182	NC 42 8	8.0	108.0	44.0	58	1
1670190	NC 42 10	10.0	122.0	50.0	100	1

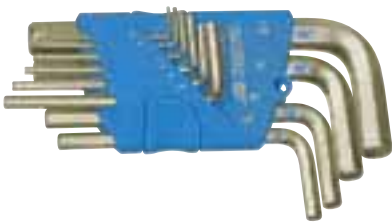
Code	No.	%	L ₁	L ₂	/	€
1884158	NC 42 3/32AF	3/32	56.5	20.5	3	1
1884166	NC 42 1/8AF	1/8	60.0	23.0	5	1
1884174	NC 42 5/32AF	5/32	67.0	26.0	9	1
1884182	NC 42 3/16AF	3/16	73.0	30.0	14	1
1884190	NC 42 7/32AF (5.5MM)	7/32	82.0	32.0	21	1
1803956	NC 42 1/4AF	1/4	92.0	36.5	31	1
1803964	NC 42 5/16AF	5/16	102.0	43.0	54	1
1803972	NC 42 3/8AF	3/8	115.0	49.0	87	1
1803980	NC 42 1/2AF	1/2	142.0	61.0	193	1
1803999	NC 42 9/16AF	9/16	154.0	66.0	270	1
1804006	NC 42 5/8AF	5/8	168.0	76.0	350	1
1804014	NC 42 3/4AF	3/4	199.0	89.0	580	1

NC H 42

HEXAGON SOCKET KEY SET NC for in-hex screws

- T In blue PVC wallet
- T GEDORE vanadium plus steel with COROSTOP coating

5



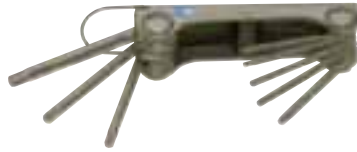
Code	No.	/	€
1689541	NC H 42-10 K 1,3 1,5 2 2,5 3 4 5 6 8 10	258	1
1884131	NC H 42-88 A K 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16"	164	1

NC SCL 43 TX-80

HEXAGON SOCKET KEY SET NC

- T For recessed TORX® screws
- T In robust metal clip
- T GEDORE vanadium plus steel with COROSTOP coating
- T TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

7



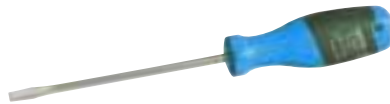
Code	No.	/	€
1670026	NC SCL 43 TX-80 7 T9 T10 T15 T20 T25 T27 T30 T40	250	1

NC 2150

3C-SCREWDRIVER NC for slotted head screws

- T Acc. to DIN ISO 2380-2, blade tip DIN ISO 2380-1 Form A
- T 3-component handle with hanging hole
- T Blade in vanadium plus steel with COROSTOP coating

?



Code	No.	L	K	Ø N	/	€
1669893	NC 2150 3	0.5	3.0	3 160	25	1
1669907	NC 2150 5,5	1.0	5.5	5 225	69	1
1669915	NC 2150 8	1.2	8.0	7 295	156	1



NC 2160 PH

3C-SCREWDRIVER NC for cross-slotted head screws PH

- T Acc. to DIN 8764, tip to DIN ISO 8764-1 PH
- T 3-component handle with hanging hole
- T Blade in vanadium plus steel with COROSTOP coating



Code	No.	+	Ø N	/	€
1884417	NC 2160 PH 0	M1,6 - M2	3,0 140	25	1
1669923	NC 2160 PH 1	M2 - M3	4,5 180	55	1
1669931	NC 2160 PH 2	M3,5 - M5	6,0 210	92	1



COROSTOP NC SOCKETS + ACCESSORIES

NC 30

SOCKET NC 3/8" hexagon

- T Acc. to DIN 3124, ISO 2725-1 (only metric sizes)
- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, knurled grip
- T GEDORE vanadium steel 31CrV3, with COROSTOP coating

NS1



Code	No.	l	y	/	€
1670239	NC 30 8	8	28	24	1
1670247	NC 30 10	10	28	30	1
1670255	NC 30 12	12	28	32	1
1670263	NC 30 13	13	28	35	1
1670271	NC 30 14	14	29	40	1
1670298	NC 30 15	15	30	42	1
1670301	NC 30 16	16	30	48	1
1670328	NC 30 17	17	30	55	1
1670336	NC 30 18	18	30	60	1
1670344	NC 30 19	19	30	70	1
1670352	NC 30 20	20	31	75	1
1670360	NC 30 21	21	31	82	1
1670379	NC 30 22	22	32	85	1

Code	No.	"	y	/	€
1803840	NC 30 1/4AF	1/4	28	20	1
1803859	NC 30 5/16AF	5/16	28	24	1
1803867	NC 30 11/32AF	11/32	28	26	1
1803875	NC 30 3/8AF	3/8	28	26	1

NC D 30

SOCKET NC 3/8" UD profile

- T Similar to DIN 3124, ISO 2725-1
- T Square drive as per DIN 3120 - C 10, ISO 1174, with ball retaining groove
- T Hand-operated, knurled grip
- T GEDORE vanadium steel 31CrV3, with COROSTOP coating

NS3



Code	No.	"	y	/	l
1803883	NC D 30 7/16AF	7/16	28	30	1
1803891	NC D 30 1/2AF	1/2	28	35	1
1803905	NC D 30 9/16AF	9/16	29	40	1
1884107	NC D 30 19/32AF	19/32	30	42	1
1803913	NC D 30 5/8AF	5/8	30	48	1
1803921	NC D 30 11/16AF	11/16	30	55	1
1803948	NC D 30 3/4AF	3/4	30	70	1



NC 3087

SLIDING T BAR NC 3/8"
 T Acc. to DIN 3122, ISO 3315
 T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating

nc



Code	No.	y	/	l	€
1670395	NC 3087	163	125	1	

NC 3090

EXTENSION NC 3/8"
 T Acc. to DIN 3123, ISO 3316
 T For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 ball locking device
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating

nc



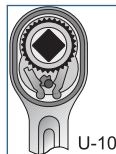
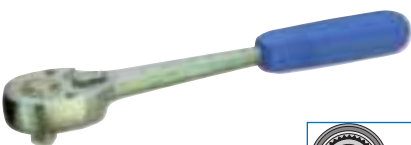
Code	No.	y	/	l	€
1670409	NC 3090-5	125	110	1	



NC 3093 U-10

REVERSIBLE RATCHET NC 3/8"
 T Acc. to DIN 3122, ISO 3315
 T With lever change, push-button release
 T Locks in middle position
 T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating

nc



Code	No.	A	y	/	l	€
1670387	NC 3093 U-10	11,25	200	250	1	

NC 19

SOCKET NC 1/2" hexagon
 T Acc. to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
 T Hand-operated, knurled grip
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating

OT 1



Code	No.	l	y	/	l
1670417	NC 19 10	10	38.0	50	1
1670425	NC 19 12	12	38.0	55	1
1670433	NC 19 13	13	38.0	60	1
1670441	NC 19 14	14	38.0	62	1
1670468	NC 19 16	16	39.5	68	1
1670476	NC 19 17	17	39.5	70	1
1670484	NC 19 18	18	39.5	72	1
1670492	NC 19 19	19	40.0	80	1
1670506	NC 19 22	22	41.5	100	1
1670514	NC 19 24	24	41.5	110	1
1670522	NC 19 27	27	41.5	150	1
1670530	NC 19 30	30	43.0	200	1
1670549	NC 19 32	32	44.5	210	1

NC D 19

SOCKET NC 1/2" UD profile
 T Similar to DIN 3124, ISO 2725-1
 T Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
 T Hand-operated, knurled grip
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating

OT 3



Code	No.	3	"	y	/	l
1803727	NC D 19 5/16AF	5/16	38.0	45	1	
1803735	NC D 19 11/32AF	11/32	38.0	48	1	
1803743	NC D 19 3/8AF	3/8	38.0	58	1	
1803751	NC D 19 13/32AF	13/32	38.0	50	1	
1803778	NC D 19 7/16AF	7/16	38.0	53	1	
1803786	NC D 19 1/2AF	1/2	38.0	60	1	
1803794	NC D 19 9/16AF	9/16	38.0	62	1	
1803808	NC D 19 19/32AF	19/32	39.5	65	1	
1803816	NC D 19 5/8AF	5/8	39.5	68	1	
1803824	NC D 19 11/16AF	11/16	39.5	70	1	
1803832	NC D 19 3/4AF	3/4	40.0	80	1	



NC 1987

SLIDING T BAR NC 1/2"
 T Acc. to DIN 3122, ISO 3315
 T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating

od



Code	No.	y	/	l	€
1670565	NC 1987	292	350	1	

NC 1990

EXTENSION NC 1/2"
 T Acc. to DIN 3123, ISO 3316
 T For hand-operated sockets with square drive as per DIN 3120, ISO 1174, ball locking device
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating

od

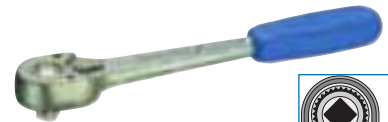


Code	No.	y	/	l	€
1670573	NC 1990-5	125	225	1	
1670581	NC 1990-10	250	500	1	

NC 1993 U-10 T

REVERSIBLE RATCHET NC 1/2"
 T Acc. to DIN 3122, ISO 3315
 T With recessed lever change
 T Push-button release
 T Locks in the middle position: When the lever is flipped, it automatically engages for clockwise or counterclockwise operation
 T For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating

od



Code	No.	A	y	a	/	l	€
1670557	NC 1993 U-10 T	11,25	270	39	700	1	

COROSTOP NC PLIERS

NC 137

GEDORE GRIP WRENCH NC
 T Forged, hardened and tempered jaws, special jaw shape for secure gripping, clamping and holding
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating



Code	No.	y	z	/	l	€
1670050	NC 137 10	240	10	550	1	

NC 145

WATER PUMP PLIERS NC
 T 7-way adjustable
 T Acc. to DIN ISO 8976, Form A
 T Lay-on slip joint and toothed recess
 T Induction-rehardened serrated faces, with finger protection
 T GEDORE vanadium steel 31CrV3, with COROSTOP coating



Code	No.	y	/	l	€
1670069	NC 145 10	250	330	1	



NC 8132

NEEDLE NOSE PLIERS NC

- T Flat-round jaws, straight gripping faces, serrated
- T Acc. to DIN ISO 5745
- T Induction-hardened precision cutting edges, hardness 61-63 HRC
- T GEDORE special hardened and tempered steel, with COROSTOP coating

T



Code	No.	y	/	l
1669982	NC 8132-160 J	160	140	1

NC 8132 AB

NEEDLE NOSE PLIERS NC

- T Flat-round jaws, angled gripping faces, serrated
- T Similar to DIN ISO 5745
- T Induction-hardened precision cutting edges
- T GEDORE special hardened and tempered steel, with COROSTOP coating

T



Code	No.	y	/	l
1884123	NC 8132 AB-160 J	160	140	1

NC 8210

COMBINATION PLIERS NC German pattern

- T Lay-on cutter box
- T Induction-hardened precision cutting edges, hardness 61-63 HRC
- T For medium-hard and hard wire
- T Acc. to DIN ISO 5746
- T GEDORE special hardened and tempered steel, with COROSTOP coating



Code	No.	y	/	E
1669966	NC 8210-180 J	180	250	1

NC 8316

POWER SIDE CUTTER NC

- T American pattern
- T For hard wire, including piano wire
- T Induction-hardened precision cutting edges, hardness 63-65 HRC
- T Acc. to DIN ISO 5749
- T GEDORE special hardened and tempered steel, with COROSTOP coating

P



Code	No.	y	/	E
1669974	NC 8316-160 J	160	210	1

COROSTOP NC PULLER

NC 1.04

PULLER NC 2-arm pattern

- T COROSTOP coating protects against corrosion
- T Cross-beam reinforces bending moment
- T Cantilever hook enhances power
- T Quick-action legs
- T Spindle with replaceable ball and tip point
- T Spindle thermo-chemically hardened
- T Upgradeable with hydraulic spindle



Code	No.	A	t	O	l
1829521	NC 1.04/1A	130	100	M 14x1,5	3.0 1.2 1
1829548	NC 1.04/2A	200	150	G 1/2 x 210	5.0 3.4 1
1829556	NC 1.04/3A	350	200	G 3/4 x 280	7.5 8.7 1

NC 1.04/E

PULLING LEGS NC set of 2 pieces

- T Fast clamping pulling legs (1 pair) for NC 1.04

Code	No.	B	O	l
1830104	NC 1.04/AT-E	NC 1.04/1A	100	0.6 1
1830112	NC 1.04/BT-E	NC 1.04/2A	150	0.6 1
1830120	NC 1.04/CT-E	NC 1.04/3A	200	0.6 1

COROSTOP NC PARTS

NC 49

SPARK PLUG SOCKET WRENCH NC

- T With rubber spark-plug gripper and offset bores
- T Forged and hardened
- T With angled tommy bar no. 49 D Ø 8 mm
- T With COROSTOP coating

1



Code	No.	l	"	y	/	E
1669990	NC 49 R	16 x 20,8	5/8 x 13/16	190	170	1
1670018	NC 49 D			75		1

NC 50 - NC 54

SPARK PLUG SOCKET NC

- T Retention spring
- T For use with socket drivers with 3/8" or 1/2" square drive or Ø 8 mm tommy bar
- T GEDORE vanadium steel 31CrV3, with COROSTOP coating

NS
OT
1



Code	No.	@ "AF	l	"	y	/	E
1669869	NC 50	1/2	20.8	13/16	63.5	160	1
1670204	NC 52	3/8	20.8	13/16	63.5	150	1
1670212	NC 53	3/8	16.0	5/8	63.5	100	1
1669885	NC 54	1/2	16.0	5/8	63.5	110	1

NC 59 GK

GLOW PLUG SOCKET 3/8"

- T For diesel engines

NS
1



Code	No.	l	O"	L	/	l	G
2000288	NC 59 GK 10x70	10	3/8	70	70	1	G

NC 97

FLAT COLD CHISEL NC octagonal

- T GEDORE chrome-molybdenum-vanadium steel 45CrMoV7, with COROSTOP coating



Code	No.	y	/	E
1670034	NC 97-150	150	110	1



NC 119

PIN PUNCH NC octagonal

- T Acc. to DIN 6450, Form C
- T GEDORE chrome-molybdenum-vanadium steel 59CrV4C, with COROSTOP coating



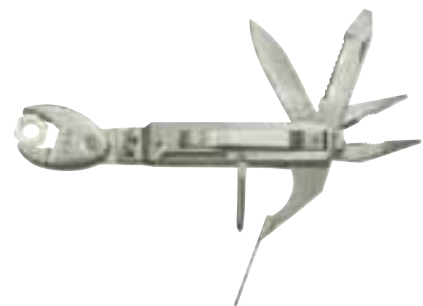
Code	No.	y	/	E
1670042	NC 119-4	150	60	1

ACCESSORIES

4900

SAILING TOOL for NAUTIC-Sets 502+503

- T Multi-tool, includes:
 - Adjustable wrench 10-19 mm
 - Pliers
 - Knife with screwdriver blade
 - Saw with file
 - Phillips screwdriver, size PH 1
 - Belt clip
- T Delivery in wallet



Code	No.	/	E
1669532	4900	285	1



VDE SPECIAL PURPOSE USE UP TO 1000 V

OVERVIEW

T VDE Screwdrivers

T VDE Ratchets

T VDE Pliers

T VDE Sets






GEDORE VDE TOOLS



- T All GEDORE VDE soft-plastic insulated safety tools have the Check-Tool insulation.
- T The two-colour multi-layer insulation - red on the outside, yellow on the inside - complies with the BGV A3 (VBG-4) regulation. (The tool must not show any discernable damage).
- T For technical reasons, Check-Tool insulation cannot be applied on tools with sprayed insulation.
- T Tools marked with the double triangle are individually tested = testing at 10000 V AC to EN 60900 / IEC 60900:2004



T Only tools with this test mark are considered to be fully safe.

 T Some items in our VDE accessories range are marked with the usual test mark for protective equipment.

T The two-way Check-Tool insulation



Safety Notes

- T Work on electrically live equipment must be carried out only by trained electricians!
- T Only tools and safety equipment marked with the double triangle or bell 1000 V symbol (refer to BGV A3) must be used.
- T Before commencing any work, check the insulation for damage.
- T Damaged tools must not be used!
- T The regulations of the employers' liability insurance associations and power supply companies must be complied with!
- T GEDORE VDE tools are approved for work on live circuits at voltages up to 1000 V AC and 1500 V DC.
- T Tools must not be combined unless they are designed to be securely joined together.

For more VDE assortments see page 37





VDE INSULATED SAFETY TOOLS

ö 1000 V i ○

- T Only tools bearing this test mark are classed as insulated tools
- T VDE insulation to IEC 60900:2004
- T Safe working in high-voltage areas
- T Up to 1000 V AC (alternating current)
- T Up to 1500 V DC (direct current)

~

T Some items in our VDE accessories range are marked with the usual test mark for protective equipment.

VDE ASSORTMENTS

VDE 1001

VDE TOOL SET 14 pieces

- T With practical foam insert in sturdy PVC case
- T Dimensions: 360 x 250 x 70 mm



i ○
ö 1000 V

Code	No.	○	l
6602560	VDE 1001 VDE 19 10 12 13 14 17 19 22 24 VDE 1993 U VDE 1990-5 -10 VDE 1989 T VDE 2170 5,5 42 2,5	3.0	1

VDE 1030

VDE TOOL CABINET 108 pieces

- T Complete with a selection of VDE tools
- T Dimensions: 190 x 500 x 750 mm



i ○
ö 1000 V

Code	No.	○	l
6602130	VDE 1030 VDE 2133 5 6 7 8 9 10 11 12 13 VDE 19 10 11 12 13 14 15 17 19 22 24 27 30 32 VDE IN 19 5 6 8 VDE 1990-5 -10 VDE 1993 U VDE 2170 2,5 4 5,5 6,5 VDE 2160 PH 0 1 2 VDE 894 10 11 12 13 14 15 16 17 19 VDE 8098-160 H VDE 8132-160 H VDE 8250-160 H VDE 8314-160 H VDE 4507-4 647 1021 4 K-500 6x 1500 H 1 17x 1500 H 2 27x 1500 H 3	46.0	1
5600730	VDE 1030 L Cabinet, empty	28.0	1

VDE SPANNERS

VDE 2133

VDE SOCKET WRENCH with 3C-handle

- T Hanging hole
- T Head depth 25 mm, blade length 125 mm
- T GEDORE vanadium steel 31CrV3
- T With VDE insulation as per DIN EN 60900



i ○
ö 1000 V

Code	No.	l	N	Head Ø	/	l
1747045	VDE 2133 3	3	225	9	70	1
1747053	VDE 2133 4	4	225	10	70	1
1747061	VDE 2133 5	5	225	11	75	1
1747088	VDE 2133 6	6	225	12	75	1
1747096	VDE 2133 7	7	235	14	105	1
1747118	VDE 2133 8	8	235	15	110	1
1747126	VDE 2133 9	9	235	16	130	1
1747134	VDE 2133 10	10	235	17	130	1
1747142	VDE 2133 11	11	245	19	170	1
1747150	VDE 2133 12	12	245	20	170	1
1747169	VDE 2133 13	13	245	21	180	1
1747177	VDE 2133 14	14	245	22	230	1
1747185	VDE 2133 17	17	245	26	240	1

Detailed information on products, promotions and trade fairs

... www.gedore.com



VDE 2 E

VDE SINGLE ENDED RING

- SPANNER deep offset
- T GEDORE vanadium steel 31CrV3

3



i ○
ö 1000 V

Code	No.	l	y	/	l
6035890	VDE 2 E 8	8	170	80	1
6035970	VDE 2 E 9	9	170	80	1
6036000	VDE 2 E 10	10	170	90	1
6036190	VDE 2 E 11	11	180	100	1
6036270	VDE 2 E 12	12	190	110	1
6036350	VDE 2 E 13	13	190	150	1
6036430	VDE 2 E 14	14	210	150	1
6036510	VDE 2 E 15	15	215	150	1
6036780	VDE 2 E 17	17	220	250	1
6036860	VDE 2 E 19	19	240	300	1
6036940	VDE 2 E 22	22	260	300	1
6037080	VDE 2 E 24	24	280	400	1
6037160	VDE 2 E 27	27	295	500	1
6037240	VDE 2 E 30	30	310	500	1
6037320	VDE 2 E 32	32	330	500	1



VDE 894

VDE SINGLE OPEN ENDED SPANNER

- T GEDORE vanadium steel 31CrV3



i ○
ö 1000 V

Code	No.	l	y	/	l
6572040	VDE 894 9	9	105	25	1
6572120	VDE 894 10	10	105	30	1
6572200	VDE 894 11	11	115	35	1
6572390	VDE 894 12	12	125	45	1
6572470	VDE 894 13	13	135	50	1
6572550	VDE 894 14	14	145	60	1
6572630	VDE 894 15	15	150	70	1
6572710	VDE 894 16	16	155	80	1
6572980	VDE 894 17	17	160	85	1
6573010	VDE 894 19	19	175	110	1
6573280	VDE 894 22	22	200	150	1
6573360	VDE 894 24	24	220	210	1
6573440	VDE 894 27	27	245	265	1
6573520	VDE 894 30	30	265	320	1
6574920	VDE 894 32	32	280	400	1



VDE ACTUATING TOOLS

VDE 4507

VDE TORQUE WRENCH 1/2"

5-50 N-m / 4-37 lbf-ft

- T Automatic short-way release and acoustic signal
- T Manually adjustable dual scale with metric and SAE values
- T Fine toothed ratchet with 1/2" square drive to DIN 3120 - A 12.5, ISO 1174

o d



i O
ö 1000 V

Code	No.	a"	y	/	l
6681920	VDE 4507-4	1/2	370	1000	1

VDE IN 19

VDE SCREWDRIVER BIT SOCKET 1/2"

- T Square drive to DIN 3120 - C 12.5, ISO 1174, with ball groove
- T Tips made of GEDORE special vanadium steel

O T 5



i O
ö 1000 V

Code	No.	l	y	Ø	/	l
6124480	VDE IN 19 5	5	106	27	80	1
6124560	VDE IN 19 6	6	106	27	80	1
6124640	VDE IN 19 8	8	106	27	80	1

VDE 1988 - VDE 1989 T

VDE T-HANDLE for 1/2" VDE tools

- T VDE 1988 with screw locking
- T VDE 1989 T with pull locking

o d



i O
ö 1000 V

Code	No.	y	/	l
6124210	VDE 1988	200	400	1
6124720	VDE 1989 T	200	255	1

VDE SCREWDRIVER

VDE 2170

VDE SCREWDRIVER

- for slotted head screws
- T Blade tip DIN ISO 2380-1 form A
- T With impact-resistant handle

?



i O
ö 1000 V

Code	No.	L	M	N	/	l
1612220	VDE 2170 2,5	0.4	75	155	24	10
1612239	VDE 2170 3	0.5	100	180	28	10
1612247	VDE 2170 3,5	0.6	100	190	39	10
1612255	VDE 2170 4	0.8	100	190	42	10
1612271	VDE 2170 5,5	1.0	125	225	71	10
1612298	VDE 2170 6,5	1.2	150	260	104	10
1612301	VDE 2170 8	1.2	175	195	144	10
1612336	VDE 2170 10	1.6	200	320	176	10

VDE 2160 PH

VDE SCREWDRIVER

- for cross-slotted head screws PH
- T Blade tip to DIN ISO 8764-1 PH
- T With impact-resistant handle

;



i O
ö 1000 V

Code	No.	+	M	N	/	l
1612107	VDE 2160 PH 0	M1,6 - M2	60	140	25	10
1612115	VDE 2160 PH 1	M2 - M3	80	180	60	10
1612123	VDE 2160 PH 2	M3,5 - M5	100	210	92	10
1612131	VDE 2160 PH 3	M5,5 - M7	150	270	156	10
1612158	VDE 2160 PH 4	M8 - M10	200	320	235	10

VDE 1993 U

VDE REVERSIBLE RATCHET

1/2" with switching lever

- T Robust, with smooth action
- T Sockets held absolutely securely by push-button lock with ball in the square drive
- T Direction changed by 2 push-buttons, marked R and L, on the shaft
- T Square drive acc. to DIN 3120 - A 12.5, ISO 1174, chrome-vanadium steel 31CrV3

o d



i O
ö 1000 V

Code	No.	a"	y	/	l
6123910	VDE 1993 U	1/2	270	540	1



VDE 1990

VDE EXTENSION 1/2"

- T With lock screw to secure the sockets

o d



i O
ö 1000 V

Code	No.	y	/	l
6124050	VDE 1990-5	125	200	1
6124130	VDE 1990-10	250	350	1

VDE 1991

VDE EXTENSION 1/2" for VDE IN 19

- T Hollow shaft, specially designed for VDE IN 19 screwdriver bit sockets
- T Max. torque 370 N-m

o d



i O
ö 1000 V

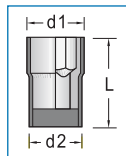
Code	No.	y	/	l
1507516	VDE 1991	125	207	5

VDE 19

VDE SOCKET 1/2"

- T Hand-operated, square drive to DIN 3120 - C 12.5, ISO 1174
- T GEDORE vanadium steel 31CrV3

O T 1



i O
ö 1000 V

Code	No.	l	d ₁	d ₂	L	/	l
6122510	VDE 19 10	10	19.5	27	54.0	55	1
6122780	VDE 19 11	11	20.7	27	54.0	55	1
6122860	VDE 19 12	12	22.0	27	54.0	60	1
6122940	VDE 19 13	13	23.2	27	54.0	60	1
6123080	VDE 19 14	14	24.5	27	54.0	60	1
6123160	VDE 19 15	15	25.7	27	55.5	65	1
1439294	VDE 19 16	16	27.0	27	55.5	65	1
6123240	VDE 19 17	17	28.2	27	55.5	70	1
6123320	VDE 19 19	19	30.7	27	56.0	75	1
6123400	VDE 19 22	22	34.5	27	57.5	100	1
6123590	VDE 19 24	24	37.0	27	57.5	110	1
6123670	VDE 19 27	27	40.7	27	57.5	160	1
6123750	VDE 19 30	30	44.5	27	59.0	190	1
6123830	VDE 19 32	32	47.0	27	60.5	210	1



VDE 2160 PZ

VDE SCREWDRIVER
for cross-slotted head screws PZ
T Blade tip to DIN ISO 8764-1 PZ
T With impact-resistant handle



i O
ö 1000 V

Code	No.	+	M	N	/	I
1612166	VDE 2160 PZ 0	M1,6 - M2	60	140	25	10
1612182	VDE 2160 PZ 1	M2 - M3	80	180	60	10
1612190	VDE 2160 PZ 2	M3,5 - M5	100	210	92	10
1612204	VDE 2160 PZ 3	M5,5 - M7	150	270	156	10
1612212	VDE 2160 PZ 4	M8 - M10	200	320	235	10



VDE PLIERS

T SB version = SB packaging

180

CABLE SHEARS

T Cuts cable up to 35 mm, solid material up to 180 mm²
T Not certified acc. to VDE



ö 1000 V

Code	No.	y	/	I
6430330	180 23	620	1500	1

V 8091

CABLE CUTTER

T For cutting copper and aluminium cables
T V 8091-320: single-strand cable, max. Ø 25 mm (1"), multi-strand cable, max. Ø 32 mm (1.1/4")
T V 8091-500: multi-strand cable, max. Ø 52 mm (2.1/32")



ö 1000 V

Code	No.	y	/	I
6725130	V 8091-320	280	599	1
6725210	V 8091-500	280	830	1

VDE 8094

VDE CABLE SHEARS with VDE dipped insulation

T For cutting multi-strand copper and aluminium cables up to Ø 20 mm
T Cutting to Ø 25 mm with first and second cut
T Adjustable screw joint and finger protection
T Not suitable for steel wire or hard-drawn copper wire
T Special tool steel, forged, gunmetal finish



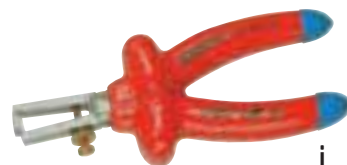
i O
ö 1000 V

Code	No.	y	/	I
6725050	VDE 8094	200	280	1

VDE 8098

VDE STRIPPING PLIERS with VDE dipped insulation

T Opening stop, spring and brass adjusting screw for wires 0.8 - 6.0 mm²
T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000 V

Code	No.	y	/	I
6708980	VDE 8098-160	160	150	1

VDE 8098 H

VDE STRIPPING PLIERS with VDE insulating sleeves

T Opening stop, spring and brass adjusting screw for wires 0.8 - 6.0 mm²
T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000 V

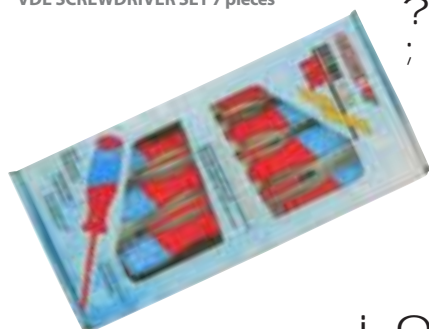
Code	No.	y	/	I
1552074	VDE 8098-160 H	160	150	1

Code	No.	y	/	I
1699997	SB VDE 8098-160 H	160	160	1



VDE 2170-2160 PH-077

VDE SCREWDRIVER SET 7 pieces



i O
ö 1000 V

Code	No.	/	I
1616048	VDE 2170-2160 PH-077	500	1
	? VDE 2170 2,5 4 5,5 6,5		
	; VDE 2160 PH 0 1 2		

V 4614

VOLTAGE TESTER bipolar with LED display

T 12 - 690 V AC/DC
T Optical warning of life-threatening voltage above 35 V
T Acoustic continuity testing up to 500 KOhm
T Single-pole phase testing > 100 V AC
T Phase sequence indicator
T RCD triggering by automatic load function, Is=30mA, ED (DT) = max. 30 sec.
T CAT IV 1000 V
T TUV / GS tested and approved (IEC/EN 61243-3, DIN VDE 0682, Part 401)

S



ö 1000 V



Code	No.	/	I
6698220	V 4614	186	1



VDE 8099

VDE STRIPPING PLIERS STRIP-FIX with VDE dipped insulation

T Self-adjusting, for wires 0.5 - 5.0 mm²
T GEDORE special hardened and tempered steel, chrome-plated
T E-8099 = Pair of spare knives



i O
ö 1000 V

Code	No.	y	/	E
6709600	VDE 8099-160	160	170	1
5709580	E-8099	8	1	

VDE 8099 H

VDE STRIPPING PLIERS STRIP-FIX with VDE insulating sleeves

- T Self-adjusting, for wires 0.5 - 5.0 mm²
- T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000V

Code	No.	y	/	l
1552082	VDE 8099-160 H	160	170	1
Code	No.	y	/	l
1700804	SB VDE 8099-160 H	160	180	1

VDE 146

VDE UNIVERSAL PLIERS 7 settings

- T Gripping pliers with safety box joint and finger protection
- T GEDORE special chrome-vanadium steel



i O
ö 1000V

Code	No.	y	Ö	/	l
6120140	VDE 146 10	250	31	450	1
Code	No.	y	Ö	/	l
1699822	SB VDE 146 10	250	31	460	1

VDE 8250

VDE HEAVY DUTY COMBINATION PLIERS with VDE dipped insulation

- T Induction-hardened precision cutting edges, hardness 62-64 HRC, for all wire types
- T Industrial grade, constant use
- T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000V

Code	No.	y	/	l
1429582	VDE 8250-160	160	240	1
6720090	VDE 8250-180	180	280	1
6720250	VDE 8250-200	200	360	1
6720330	VDE 8250-225	225	425	1

VDE 8250 H

VDE HEAVY DUTY COMBINATION PLIERS with VDE insulating sleeves

- T Induction-hardened precision cutting edges, hardness 62-64 HRC, for all wire types
- T Industrial grade, constant use
- T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000V

Code	No.	y	/	l
1550942	VDE 8250-160 H	160	240	1
1550950	VDE 8250-180 H	180	280	1
1550969	VDE 8250-200 H	200	360	1
Code	No.	y	/	l
1699830	SB VDE 8250-160 H	160	250	1
1699849	SB VDE 8250-180 H	180	290	1
1699857	SB VDE 8250-200 H	200	370	1

VDE 8314

VDE SIDE CUTTER with VDE dipped insulation

- T For medium-hard and hard wire
- T Induction-hardened precision cutting edges, hardness 63-65 HRC
- T GEDORE special hardened and tempered steel, chrome-plated



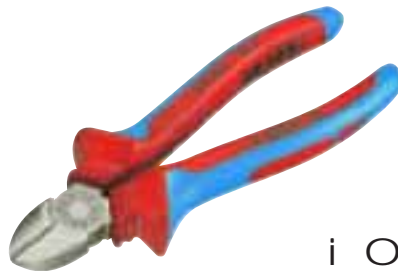
i O
ö 1000V

Code	No.	y	/	l
6743540	VDE 8314-140	140	160	1
6743620	VDE 8314-160	160	190	1

VDE 8314 H

VDE SIDE CUTTER with VDE insulating sleeves

- T For hard wire
- T Induction-hardened precision cutting edges, hardness 63-65 HRC
- T GEDORE special hardened and tempered steel, chrome-plated



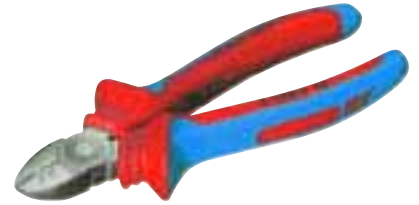
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ö 1000V

Code	No.	y	/	l
1552155	VDE 8314-140 H	140	160	1
1552163	VDE 8314-160 H	160	190	1
Code	No.	y	/	l
1699865	SB VDE 8314-140 H	140	170	1
1699873	SB VDE 8314-160 H	160	200	1

VDE 8315 H

VDE ELECTRICIANS' SIDE CUTTER with VDE insulating sleeves

- T Double-function electricians' side cutters for cutting and wire stripping
- T Stripping holes for single or multi-strand conductors 1.5 and 2.5 mm²
- T Induction-hardened precision cutting edges
- T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000V

Code	No.	y	Ø mm ²	/	l
1742582	VDE 8315-160 H	160	1,6	200	1
Code	No.	y	Ø mm ²	/	l
1742698	SB VDE 8315-160 H	160	1,6	210	1



VDE 8316

VDE POWER SIDE CUTTER with VDE dipped insulation

- T For hard wire, including piano wire
- T Induction-hardened precision cutting edges, hardness 63-65 HRC
- T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000V

Code	No.	y	/	l
1429590	VDE 8316-180	180	230	1
6742570	VDE 8316-200	200	350	1





VDE 8316 H

VDE POWER SIDE CUTTER
with VDE insulating sleeves

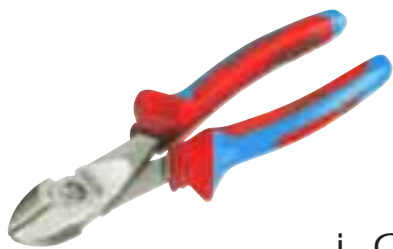


T For hard wire

T Induction-hardened precision cutting edges, hardness 63-65 HRC

T GEDORE special hardened and tempered steel, chrome-plated

P



i O
ö 1000 V

Code	No.	y	/	l
1550993	VDE 8316-180 H	180	230	1
1551000	VDE 8316-200 H	200	350	1

Code	No.	y	/	l
1699881	SB VDE 8316-180 H	180	240	1
1699903	SB VDE 8316-200 H	200	360	1

VDE 8120

VDE FLAT NOSE PLIERS with VDE dipped insulation

R

T Long, flat jaws and serrated gripping surfaces
T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000 V

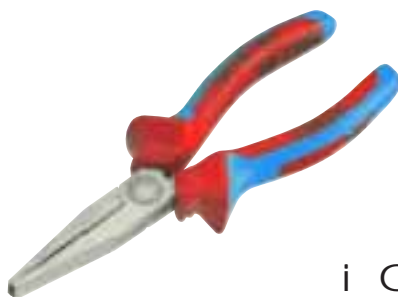
Code	No.	y	/	l
6715330	VDE 8120-160	160	200	1

VDE 8120 H

VDE FLAT NOSE PLIERS with VDE insulating sleeves

R

T Long, flat jaws and serrated gripping surfaces
T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000 V

Code	No.	y	/	l
1552090	VDE 8120-160 H	160	200	1

Code	No.	y	/	l
1699970	SB VDE 8120-160 H	160	210	1



VDE 8122

VDE ROUND NOSE PLIERS with VDE dipped insulation

S

T Long, round jaws and serrated gripping surfaces
T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000 V

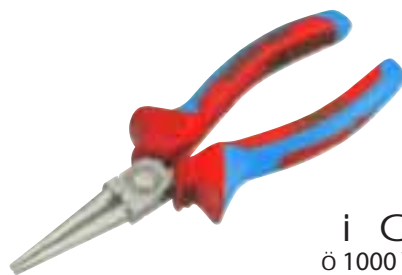
Code	No.	y	/	l
6717110	VDE 8122-160	160	180	1

VDE 8122 H

VDE ROUND NOSE PLIERS with VDE insulating sleeves

S

T Long, round jaws and serrated gripping surfaces
T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000 V

Code	No.	y	/	l
1552104	VDE 8122-160 H	160	180	1

Code	No.	y	/	l
1699989	SB VDE 8122-160 H	160	190	1

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VDE 8132

VDE NEEDLE NOSE PLIERS

with VDE dipped insulation, straight pattern

T

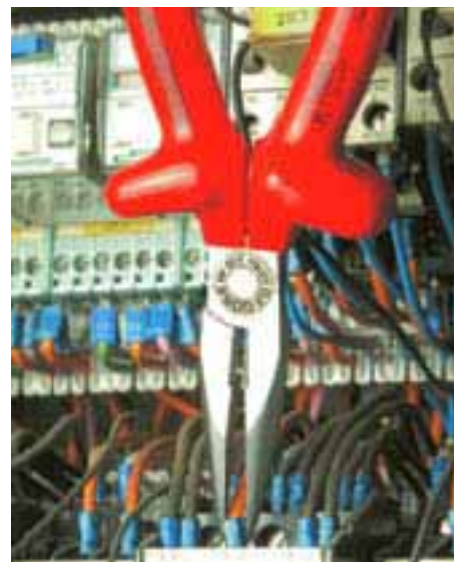
T Long, flat-round jaws, straight gripping surfaces
T Induction-hardened precision cutting edges, hardness 61-63 HRC

T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000 V

Code	No.	y	/	l
6721570	VDE 8132-160	160	150	1
6721650	VDE 8132-200	200	210	1



VDE 8132 H

VDE NEEDLE NOSE PLIERS

with VDE insulating sleeves, straight pattern

T

T Long, flat-round jaws, straight gripping surfaces
T Induction-hardened precision cutting edges, hardness 61-63 HRC

T GEDORE special hardened and tempered steel, chrome-plated



i O
ö 1000 V

Code	No.	y	/	l
1552112	VDE 8132-160 H	160	150	1
1552120	VDE 8132-200 H	200	210	1

Code	No.	y	/	l
1699911	SB VDE 8132-160 H	160	160	1
1699938	SB VDE 8132-200 H	200	220	1

VDE 8132 AB

VDE NEEDLE NOSE PLIERS with VDE dipped insulation, angled pattern
 T Long, flat-round jaws, angled gripping surfaces
 T Induction-hardened precision cutting edges, hardness 61-63 HRC
 T GEDORE special hardened and tempered steel, chrome-plated

T



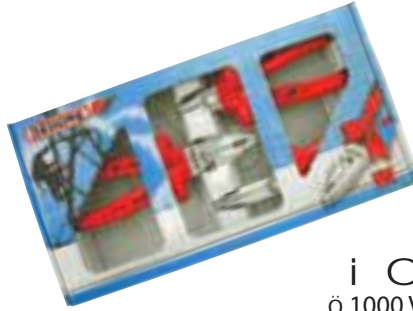
i O
ö 1000 V

Code	No.	y	/	l
6721730	VDE 8132 AB-160	160	150	1
6721810	VDE 8132 AB-200	200	210	1

VDE S 8003

VDE PLIERS SET WITH VDE DIPPED INSULATION 3 pieces

T



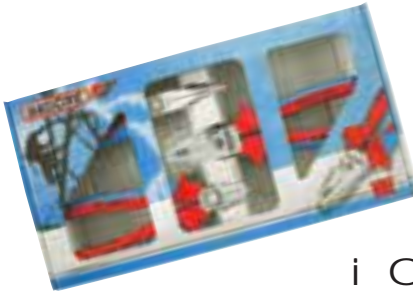
i O
ö 1000 V

Code	No.	/	l
6708120	VDE S 8003 VDE 8132-160 VDE 8250-180 VDE 8314-160	740	1

VDE S 8003 H

VDE PLIERS SET WITH VDE INSULATING SLEEVES 3 pieces

T



i O
ö 1000 V

Code	No.	/	l
1550594	VDE S 8003 H VDE 8132-160 H VDE 8250-180 H VDE 8314-160 H	740	1

RZB2-5

VDE PLIERS SET 3 pieces



i O
ö 1000 V

Code	No.	/	l
1708244	RZB2-5 VDE 8098-160 H VDE 8250-180 H VDE 8314-160 H	835	1

RZB2-11

VDE PLIERS SET 3 pieces



i O
ö 1000 V

Code	No.	/	l
1692291	RZB2-11 VDE 8132-160 H VDE 8250-180 H VDE 8314-160 H	865	1



VDE 8132 AB H

VDE NEEDLE NOSE PLIERS with VDE insulating sleeves, angled pattern
 T Long, flat-round jaws, angled gripping surfaces
 T Induction-hardened precision cutting edges, hardness 61-63 HRC
 T GEDORE special hardened and tempered steel, chrome-plated

T



i O
ö 1000 V

Code	No.	y	/	l
1552139	VDE 8132 AB-160 H	160	150	1
1552147	VDE 8132 AB-200 H	200	210	1

Code	No.	y	/	l
1699946	SB VDE 8132 AB-160 H	160	160	1
1699962	SB VDE 8132 AB-200 H	200	220	1

RZB1-17

VDE TOOL SET 8 pieces

T

P
?
;



i O
ö 1000 V

Code	No.	/	l
1828045	RZB1-17 VDE 8132-200 H VDE 8250-180 H VDE 8314-160 H VDE 2170 4 5,5 VDE 2160 PH 1 2 4615 3	1700	1





VDE ACCESSORIES

VDE 910

VDE RUBBER COVER SHEET

T VDE protective equipment to VDE 0680, Part 1



Code	No.	L	W	/	I
1826816	VDE 910 13	130	130	40	1
1826832	VDE 910 25	250	350	210	1
1827030	VDE 910 50	500	500	430	1
1828193	VDE 910 60	600	600	700	1
1828207	VDE 910 100	1000	1000	1800	1
1828215	VDE 910 120	1200	1200	2950	1

VDE 910

VDE RUBBER COVER SHEET 10 M ROLL

Code	No.	W	Ø	I
1828223	VDE 910 1000	1000	18.6	1
1828231	VDE 910 1200	1200	25.6	1

VDE 911

VDE INSULATION MAT

T VDE protective equipment to VDE 0303



Code	No.	L	W	Ø	I
1828258	VDE 911 100	1000	1000	6.0	1
1828266	VDE 911 1000	10000	1000	60.0	1

VDE 912

VDE ELECTRICIANS' SAFETY GLOVES

T To DIN EN 60903



Ö 1000 V

Code	No.	/	I
1828274	VDE 912 9	215	1
1828282	VDE 912 10	215	1

VDE 912

UNDER-GLOVES for VDE 912



Code	No.	/	I
1828290	VDE 912 50	50	1

VDE 913

VDE PLASTIC CLAMP

T VDE protective equipment to VDE 0680, Part 1



Code	No.	y	/	I
1828304	VDE 913 80	80	30	1
1828312	VDE 913 160	160	70	1

VDE VARIOUS

VDE 4522

VDE CABLE KNIFE

T Strong, straight blade made from hardened and tempered steel
T Tough, resilient plastic handle



i Ö
Ö 1000 V

Code	No.	D	C	/	I
6690400	VDE 4522	50	180	70	5

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VDE 4527

VDE CABLE KNIFE with hooked blade

T For slitting and stripping damp-proof installation cables
T With blade protector



i Ö
Ö 1000 V

Code	No.	D	C	/	I
6698490	VDE 4527	40	203	100	1

V 406

VDE HACKSAW

T For pinned hacksaw blades, 148 mm
T Insulated handle



Ö 1000 V

Code	No.	y	/	I
6120060	V 406	265	180	1





FOR SPECIAL PURPOSES SPECIALISED TOOLS



OVERVIEW

- ┆ Screw clamps
- ┆ Automotive tools
- ┆ Four-way wheel braces
- ┆ Spark plug wrenches
- ┆ Panel beating tools
- ┆ Special purpose tools
- ┆ Saws
- ┆ Metalworking vices
- ┆ Measuring tools
- ┆ Workshop and work lights



ON REQUEST:

- T Ideal for service, maintenance and repair work
- T Universal multi-use kit
- T Metric and/or imperial tools
- T With Check-Tool system

Mobile tool cabinet and tool chest with
365-piece MOTORCYCLE tool set

365-pcs.



Mobile tool cabinet with 258-piece
CAR tool set

258-pcs.

CHECK-TOOL-SYSTEM

- T 2-colour plastic insert provides easy optical check of completeness
- T Ideally suited for use in sensitive areas, where it is essential to ensure that no tools are left behind
- T Underlay blue, overlay black. A visible blue pocket indicates a missing tool
- T Each tool is securely held in its own pocket, prevented from slipping and protected from damage
- T Grip recesses facilitate removal of the tools
- T Clearly visible tool contours simplify replacement into the correct pocket
- T Resistant to oil and grease





AUTOMOTIVE TOOLS

TYRE FITTING / REMOVAL

- T For the controlled tightening of wheel nuts or studs, we recommend torque wrenches on pages 304 and onwards
- T For truck wheels, we specially recommend the DR-LKW torque wrench
- T For tightening and wrench sizes see tables in annex

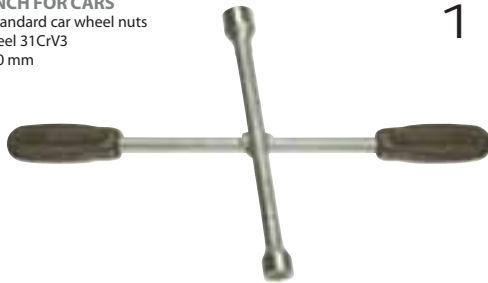
FOUR-WAY WHEEL WRENCH

- T Hot forged hexagon
- T The collar, typical of GEDORE 4-way wheel wrenches, enlarges the welding area. The positive-fit joint remains solid even under extreme loading.



28 PKH

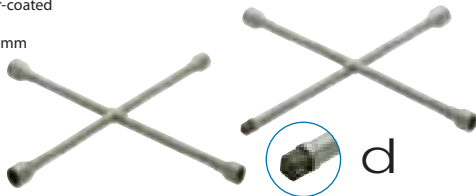
- 2-WAY WHEEL WRENCH FOR CARS**
- T Car-boot tool for all standard car wheel nuts
- T GEDORE vanadium steel 31CrV3
- T Dimensions: 410 x 260 mm



Code	No.	l	Ø	Ø	l
6227290	28 PKH	17x19 (3/4")	26x28,5	1000	1

28 PU

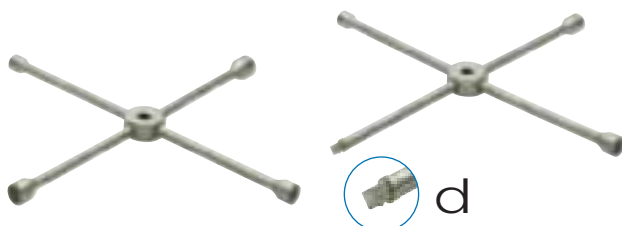
- 4-WAY WHEEL WRENCH FOR CARS**
- T For car wheel nuts in metric and inch sizes
- T Acc. to DIN 3119, ISO 6788
- T GEDORE vanadium steel 31CrV3
- T GEDORIT silver powder-coated
- T CS = chrome-plated
- T Dimensions: 420 x 420 mm



Code	No.	l	Ø	Ø	l
6227610	28 PU	17x19 (3/4")x21x11/16"	26x28,5x30,5x26	1250	1
6227960	28 PU CS	17x19 (3/4")x21x11/16"	26x28,5x30,5x26	1250	1
6228260	28 PUV	17x19 (3/4")x21x1/2" 4kt	26x28,5x30,5x17,5	1100	1

28 PR

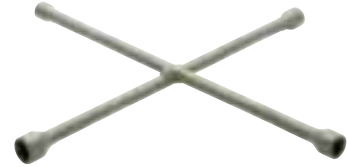
- UNIVERSAL 4-WAY WHEEL WRENCH for cars and small trucks**
- T Acc. to DIN 3119, ISO 6788
- T Solid turned centre
- T GEDORE vanadium steel 31CrV3, chrome-plated
- T Dimensions: 550 x 550 mm



Code	No.	l	Ø	Ø	l
6227530	28 PR	17x19 (3/4")x21x24	26x28,5x30,5x35,5	2000	1
6227880	28 PRV	17x19 (3/4")x21x1/2" 4kt	26x28,5x30,5x17,5	2200	1

28 CU

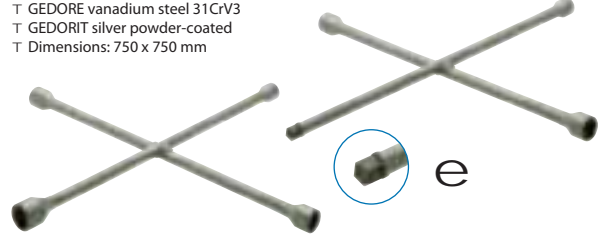
- 4-WAY WHEEL WRENCH FOR SMALL TRUCKS**
- T Acc. to DIN 3119, ISO 6788
- T GEDORE vanadium steel 31CrV3
- T GEDORIT silver powder-coated
- T Dimensions: 600 x 600 mm



Code	No.	l	Ø	Ø	l
6228500	28 CU	19x24x22x27 (3/4x15/16x7/8x1.1/16")	28,5x32x34,5x38,5	2250	1

28 L

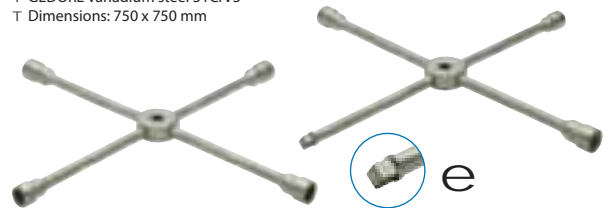
- 4-WAY WHEEL WRENCH FOR TRUCKS**
- T Acc. to DIN 3119, ISO 6788
- T GEDORE vanadium steel 31CrV3
- T GEDORIT silver powder-coated
- T Dimensions: 750 x 750 mm



Code	No.	l	Ø	Ø	l
6228770	28 LM	24x27x30x32	34,5x38,5x42x45	5100	1
6228850	28 L	24x27x32x38	34,5x38,5x45x52	5100	1
6229150	28 LV	24x32x27x3/4" 4kt	34,5x45x38,5x26	4900	1

28 LR

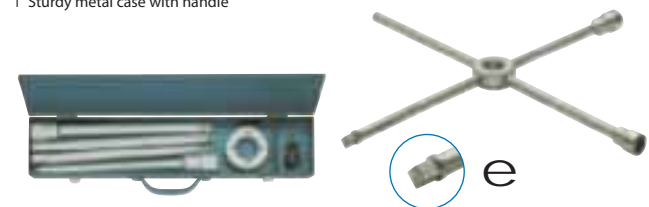
- 4-WAY WHEEL WRENCH FOR TRUCKS**
- T Turned centre
- T GEDORE vanadium steel 31CrV3
- T Dimensions: 750 x 750 mm



Code	No.	l	Ø	Ø	l
6228930	28 LR	27x30x32x33	40x44x46x46	6120	1
6228420	28 LRV	27x30x32x3/4" 4kt	40x44x46x26	5800	1

28 LRZ

- 4-WAY WHEEL WRENCH FOR TRUCKS**
- T With plug-in arms and pin locking
- T GEDORE vanadium steel 31CrV3
- T Dimensions: 750 x 750 mm
- T Sturdy metal case with handle



Code	No.	Contents	Ø	l
6228690	28 LRZ	E-28 LRZ-MS -DS -3/4" -27 -32	7.0	1
		2161 PH 1		

Code	No.	Description	y	Ø	l
6224430	E-28 LRZ-MS	Centre piece	35	88	1200
6224510	E-28 LRZ-DS	Lever handle	354	22	1000
6224780	E-28 LRZ-3/4	Arm 3/4"	354	26	1050
6224860	E-28 LRZ-24	Arm 24 mm	354	36	1060
6224940	E-28 LRZ-27	Arm 27 mm	354	40	1100
6225080	E-28 LRZ-30	Arm 30 mm	354	44	1130
6225160	E-28 LRZ-32	Arm 32 mm	354	46	1150
1482440	2161 PH 1	Screwdriver	75	30	10



28 PX

DOUBLE ENDED WHEEL WRENCH
T With extra long shaft and offset heads



1

Code	No.	l	/	l
6228340	28 PX	17x19 (3/4")	26x28,5	770 1

27

WHEEL SOCKET WRENCH FOR TRUCKS

T With great head depth, for protruding bolts, excluding tommy bar
T GEDORE vanadium steel 31CrV3
T Please order tommy bar 27 D separately



1

Code	No.	l	"	L	/	l
6225240	27 24x27	24 x 27	15/16 x 1.1/16	400	1100	1
6220010	27 27x32	27 x 32		400	1250	1
6220280	27 28x32	28 x 32		400	1300	1
6220360	27 28x33	28 x 33		400	1350	1
6225910	27 30x32	30 x 32	1.3/16 x 1.1/4	400	1300	1
6220440	27 30x33	30 x 33		400	1450	1
6225400	27 32x38	32 x 38	1.1/4 x 1.1/2	400	1600	1
6227100	27 D			630	1250	1



38

TYRE LEVER

T Solid-forged
T With protective surfaces for light-alloy wheels
T GEDORE vanadium steel 31CrV3



Code	No.	y	z	/	l
6332320	38 8	200	8	120	10
6332400	38 12	305	12	200	10
6332670	38 16	400	16	390	10
6332830	38 20	500	20	600	1
6332910	38 24	610	24	950	1

39

TYRE LEVER heavy-duty pattern, for trucks

T Heavy-duty, offset pattern
T GEDORE vanadium steel 31CrV3

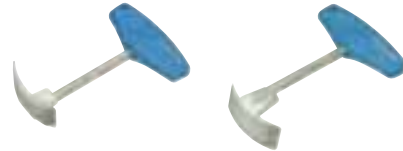


Code	No.	y	z	/	l
6333050	39	610	24	1400	1

631

HUBCAP REMOVING TOOL

T To remove hubcaps without damage



Code	No.	y	/	l
6520830	631	150	170	1

8276

BALANCE WEIGHT PLIERS

T GEDORE vanadium steel 31CrV3



Code	No.	y	z	/	l
6739350	8276-250 C	250	10	300	1

BRAKES

135

BRAKE SPRING PLIERS

T For drum brakes
T With special holder and support crown, particularly suitable for adhesive brake linings
T GEDORE vanadium steel 31CrV3, chrome-plated



Code	No.	y	z	/	l
6405300	135 13	330	13	370	1
6405490	135 19	480	19	850	1

135

BRAKE SPRING PLIERS heavy-duty pattern

T For drum brakes
T With replaceable spring hooks (E-135 20) and hand protectors
T GEDORE vanadium steel 31CrV3, chrome-plated



Code	No.	y	z	/	l
6400180	135 20	500	20	1200	1
5400480	E-135 20			40	1



1600

PLIERS FOR BRAKE CABLE SPRINGS

T For the installation and removal of handbrake cables



Code	No.	y	z	/	l
6630340	1600-402	227	8.1/2	175	1

643

BRAKE CALIPER BRUSH

T For cleaning all brake calipers



Code	No.	y	/	l
6531440	643	225	64	5

8726

BRAKE CALIPER FILE



Code	No.	y	z	/	l
6770780	8726	260	10	150	1

OIL SERVICE

299

DRAIN PLUG WRENCH

T For square plugs on engine sumps and oil drums, in nine common sizes
T GEDORE vanadium steel 31CrV3, chrome-plated
T 5 square sizes: 8.7, 9.5, 10.5, 11.5, 13 mm
T 4 tapered sizes: 6.8-8.7, 10.5-13, 15.2-18, 16.5-19 mm
T One screwdriver blade: 5.5 x 18 mm



Code	No.	y	/	l
6464580	299	220	450	5

298-00 / -02

OIL CAN

T **298-00** / -01 Plastic oil can with sliding brass tube and cap
T **298-02** simple oil can in plastic



298-02 298-01 298-00

Code	No.	Litre	Pint	/	l
6390010	298-00	0.250	1/2	90	1
6390280	298-01	0.125	1/4	70	1
6390360	298-02	0.025	1/16	10	1

**298-04****OIL CAN**

T Strong, cast iron pattern with pump, 300 ml



Code	No.	Litre	Pint	/	l
6390520	298-04	0.3	5/8	480	1

298-05**OIL CAN**

T For working in every position
T With double-stroke metal pump
T Strong, cast iron pattern, 300 ml



Code	No.	Litre	Pint	/	l
6390600	298-05	0.3	5/8	365	1

V-BELTS, FILTERS**37****UNIVERSAL FILTER WRENCH**

T For all standard oil filters and round screwed unions
T **37** with handle
T **37 V** with 1/2" square drive

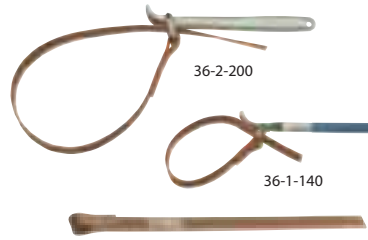


Code	No.	O	y	(appr.)	/	l
6327670	37	80-110		285	270	1
6327750	37 V	80-110		150	200	1

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**36****STRAP WRENCH**

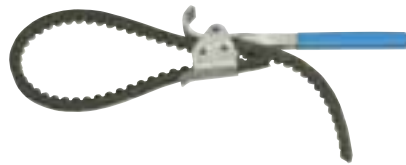
T With strong, non-slip fabric strap, extra wide = 25 mm
T 36 1-140 made from C45 steel
T 36 2-200 made from GEDORE vanadium steel 31CrV3
T E-36 = Spare straps



Code	No.	y	z	/	l
6327320	36 1-140	220	140	9/64	220 1
6327400	36 2-200	285	200	13/64	470 1
5327380	E-36 1-140	480		30	1
5327460	E-36 2-200	900		80	1

36 Z**SPECIAL STRAP WRENCH**

T For tightening and holding pulley wheels



Code	No.	y	z	/	l
6320070	36 Z-140	257	160	5/32	350 1
1380613	E-36 Z-140			80	1

**PISTONS, VALVES****654****VALVE GRINDER**

T With automatic reversal of lapping direction
T For use in hand drills
T Supplied with suction cups 652-20, -25, -30, -37



Code	No.	y	z	/	l
6535270	654	135	65	750	1

653**VALVE LAPPING TOOL**

T Hand-held type with suction cup 652-25



Code	No.	y	z	/	l
6532680	653	225	25	50	1

652**SPARE RUBBER SUCTION CUP for 653 and 654**

Code	No.	y	z	/	l
6530120	652-20	38	20	10	1
6532410	652-25	38	25	10	1
6530200	652-30	38	30	15	1
6530390	652-37	38	37	15	1

124**PLIERS FOR VALVE SEALS**

T For removing valve-shaft sealing rings and valve spring supports
T For VW-Audi, BMW, DB, Opel, Ford, Nissan etc.
T Handles chrome-plated



Code	No.	y	z	/	l
6399310	124	250	10	350	1

128**VALVE SPRING COMPRESSOR**

T For OHV engines
T One straight and one offset claw



Code	No.	y	z	O	—	O	l
6398500	128 2-225	290	11.1/2	60-225	2.3/8-9	1.2	1
6398690	128 1-280	390	15	120-280	4.3/4-11.1/2	3.3	1



E-128

SPARE HOOKS (PAIR)



Code	No.	y	z	[	/	l
5398720	E-128 1			111		1
Spare hooks, pair, straight pattern						
5398560	E-128 2			118		1
Spare hooks, pair, straight pattern						
5398990	E-128 1A			114		1
Spare hooks, pair, offset pattern						
5398640	E-128 2A			116		1
Spare hooks, pair, offset pattern						

127

PISTON RING PLIERS

- T With prism gripper for safe piston ring spreading
- T Special steel
- T Hardened prism gripper
- T Gunmetal finished tips



Code	No.	y	z	[	/	l
6397610	127	220	8.5/8	60-160	2.3/8-6.5/16	200 1

132-4 CLIC

HOSE CLAMP PLIERS

- T With revolving locking bolts for CLIC hose clamps
- T In sheet steel, nickel-plated

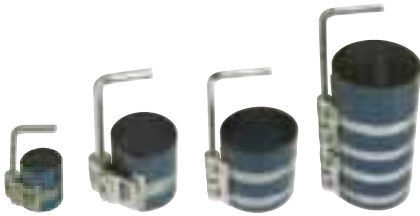


Code	No.	y	z	[	/	l
1894404	132-4	210		181		1

125

PISTON RING COMPRESSOR

- T In special band spring steel, with continuous adjustment
- T With clamping wrench



Code	No.	y	z	[	/	l
6396720	125 0	50	2	40-75	1.1/2-3	120 1
6396800	125 1	80	3	57-125	2.1/4-4	310 1
6396990	125 2	80	3	90-175	3.1/2-7	350 1
6397020	125 3	165	6.1/2	90-175	3.1/2-7	650 1

132

HOSE CLAMP PLIERS

- T For self-clamping hose clips
- T Chrome-plated handles



Code	No.	y	z	[	/	l
6399900	132	220		8.3/4		185 1

134

HOSE CLAMP PLIERS

- T Self-adjusting joint, DBGM (= German utility patent)
- T Angled jaw
- T Bright nickel-plated, joint gunmetal finished

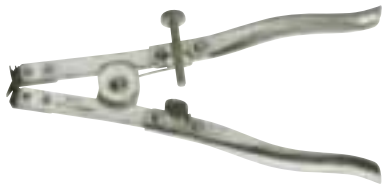


Code	No.	y	z	[	/	l
6391330	134	180		410		1

126

PISTON RING PLIERS

- T With prism gripper for secure fitting of piston rings
- T With adjusting screw



Code	No.	y	z	[	/	l
6397100	126 0-60	210	8.1/4	30-60	1.3/16-2.3/8	160 1

132-2/-3

HOSE CLAMP PLIERS

- T With rotating v-jaws for spring hose clamps
- T For use on VAG-vehicles (e.g. VW, Audi, Skoda, Seat)
- T Particularly suitable for barely-accessible places
- T Made from steel sheet, nickel-plated



Code	No.	y	z	[	/	l
1894382	132-2	207		192		1
1894390	132-3	195		165		1

134 B

HOSE CLAMP PLIERS

- T Bowden-cable operation
- T Self-adjusting joint, DBGM (= German utility patent)
- T Angled jaw
- T Bright nickel-plated, joint gunmetal finished

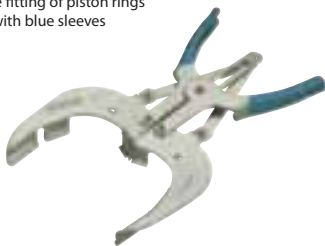


Code	No.	y	z	[	/	l
6390950	134 B	180		580		1

126

PISTON RING PLIERS

- T For secure fitting of piston rings
- T Handles with blue sleeves



Code	No.	y	z	[	/	l
6397370	126	200	8	55-100	2.3/16-4	250 1
1-100						
6397450	126	240	9.1/2	80-120	3.5/32-4.3/4	410 1
2-120						
6397530	126	240	9.1/2	110-160	4.5/16-6.5/16	410 1
3-160						

132 CLIC

HOSE CLAMP PLIERS

- T For CLIC-R hose clamps
- T Ground, bright nickel-plated, joint gunmetal finished
- T Forged, for clip sizes 5 - 30 mm



Code	No.	y	z	[	/	l
1396714	132 CLIC	180		215		1



**ELECTRIC SYSTEM****S 89****TERMINAL-EXTRACTION TOOLS**

- T Tools for the damage-free removal of contacts in cable looms
- T **S 8905** - Basic set 5 pieces for cars
- T **S 8910 UNI** - Universal set 10 pieces for cars and trucks
- T **S 8910 LKW** - 10 pieces for trucks and HGV



Code	No.	/	G
1976443	S 8905	414	G
1976451	S 8910 UNI	752	G
1976478	S 8910 LKW	765	G

4612**VOLTAGE TESTER**

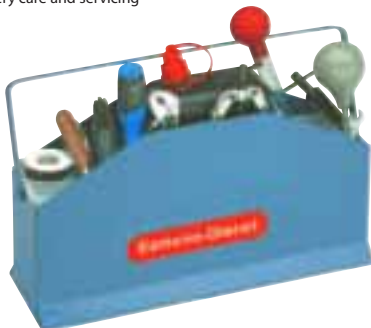
- T For 6-48 Volt
- T Use: automobile, utility vehicles
- T LED displays the voltage in the area of 12, 24, 48 V as well as the polarity
- T For work in confined areas
- T TÜV and GS tested, IEC / EN 61010-1 (DIN VDE 0411)
- T Measurements: 145 x 25 x 16mm
- T Degree of protection IP40, protection class III



Code	No.	/	I
1881647	4612	120	1

610**BATTERY SERVICING TOOLS 13 pieces**

- T Large assortment of tools for battery care and servicing
- T In steel case with two plastic trays
- T Dimensions: 400 x 220 x 140 mm



Code	No.	/	I
6523260	610	3950	1
Open ended spanner No. 6 10x13 Water pump pliers No. 145 10 C Screwdriver No. 2150 6.5 Cleaning brush No. 601 Cell filler No. 604 Acid tester No. 605 Battery terminal puller No. 1.12/01 Battery terminal opener No. 607 Battery carrying strap No. 609 Universal canister No. 611 Plastic box No. 611 A Cable knife No. 4522 Insulating tape No. 4629			

601 - 609**BATTERY SERVICING TOOLS**

601



607



604



605



609

Code	No.	/	I
6522100	601 Battery cleaning brush	100	5
6522450	604 Battery cell filler	30	5
6522530	605 Battery acid tester	150	1
6522880	607 Terminal opener	160	1
6523180	609 Battery carrying belt	160	1



more automotive assortments are listed on page 41-53

**622****BATTERY TESTER**

- T To measure the battery voltage at a current of approx. 100 A at 12 V and 50 A at 6 V
- T Analogue indicator
- T For various battery sizes and types



Code	No.	/	I
6524580	622	650	1



SPARK PLUGS

50 - 57

SPARK PLUG SOCKET

T With retention spring
T GEDORE vanadium steel 31CrV3, chrome-plated

N
S
O
T
1



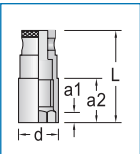
Code	No.	l	"	Q"	L	/	l
6361690	50	20.8	13/16	1/2	63.5	160	10
6362580	52	20.8	13/16	3/8	63.5	150	5
6362740	53	16.0		3/8	63.5	100	5
6363040	54	16.0		1/2	63.5	110	10
6361770	56	18.0		3/8	63.5	115	5
6361930	57	18.0		1/2	63.5	130	5

50 MH - 59 MH

SPARK PLUG SOCKET

T With two magnets
T GEDORE vanadium steel 31CrV3, chrome-plated

N
S
O
T
1
1



Code	No.	l	"	Q"	L	/	l
6361420	50 MH	20.8	13/16	1/2	63.5	95	5
6361500	52 MH	20.8	13/16	3/8	63.5	110	5
6363390	53 MH	16.0		3/8	63.5	100	5
6363470	54 MH	16.0		1/2	63.5	85	5
6361850	56 MH	18.0		3/8	63.5	120	5
6362150	57 MH	18.0		1/2	63.5	135	5
6366220	59 MH	13.0		3/8	63.5	80	1

Safety notes

- T For engines with ignition coils integrated in the spark-plug connector (coil-on-plug), use only spark-plug sockets with retainer springs! (Nos. 50 - 59)
- T Do not use magnetic spark-plug spanners on coil-on-plug spark plugs!
- T This can result in control unit faults!



59 GK

GLOW PLUG SOCKET 3/8"

T For diesel engines

N
S
1



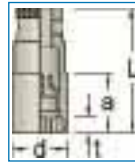
Code	No.	l	Q"	L	/	l
1897446	59 GK 10x70	10	3/8	70	70	1

D 55

SPARK PLUG SOCKET 3/8" UD profile

T With retention spring and bore for tommy bar Ø 8 mm

N
S
3



Code	No.	l	Q"	L	/	l
1793586	D 55	14	3/8	63.5	90	1

S 51 GU

SET OF SPARK PLUG SOCKETS 3/8" 10 pieces

T 4 spark plug sockets with magnets, 1 socket with UD profile
T Reversible ratchet with flexible head and fine tooth mechanism, 3/8" square drive
T 3 extensions, 1 universal joint
T GEDORE vanadium steel 31CrV3
T GEDORIT blue steel case

N
C
1
3
1



Code	No.	/	l
1795554	S 51 GU 52 MH 53 MH 56 MH 59 MH D 55 3093 GU-3 3090-3 -5 -10 3095	2350	1



Deviant packing units see article description.



S 56 U-10 K

SET OF SPARK PLUG SOCKET WRENCHES 3/8" 8 pieces

- T Compact plastic ratchet
- T 3 spark plug sockets with magnets, 1 extension
- T Feeler gauge, spark-plug brush and magnetic pick-up tool
- T With maintenance accessories
- T GEDORE vanadium steel 31CrV3, chrome-plated

1
1
1
1
1
1
1
1



Code	No.	/	l
1795570	S 56 U-10 K 52 MH 53 MH 56 MH 3093 U-10 K 3090-7 640-500 648 702 20 M	1850	1

58

SPARK PLUG SOCKET WRENCH

- T With retention spring and joint
- T GEDORE vanadium steel 31CrV3, chrome-plated

1



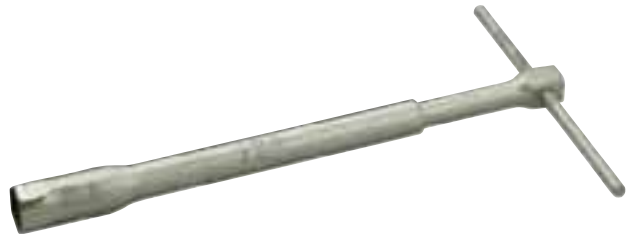
Code	No.	l	"	L	/	l
6363200	58 16	16.0	5/8	500	400	1
6363120	58 20,8	20.8	13/16	500	455	1

PR 265 - PR 345

SPARK PLUG SOCKET WRENCH

- T With tommy bar 26 D 8 and 1/2" square drive
- T Particularly suitable for RENAULT and PEUGEOT

1



Code	No.	l	"	L	/	l
6646340	PR 265	16.0	5/8	270	250	1
6646930	PR 345	20.8	13/16	327	700	1

D 48

SPARK PLUG SOCKET WRENCH

- T Double-sided
- T Solid forged
- T Swivelling handle
- T GEDORE vanadium steel 31CrV3, chrome-plated

3



Code	No.	l	"	L ₁	/	l
6360100	D 48	16 x 20,8	5/8 x 13/16	232	215	5

DS 49

SPARK PLUG SOCKET WRENCH

- T With rubber spark-plug gripper and offset bores
- T Forged and hardened, chrome-plated
- T With angled tommy bar No. 49 D Ø 8 mm

1



Code	No.	l	"	L	/	l
6361340	DS 49 R	16 x 20,8	5/8 x 13/16	190	245	1
Code	No.	L	/	l		
6360530	49 D Tommy bar	175	75	5		
6361260	49 R Spark plug socket wrench	190	170	5		

647 - 648

SPARK PLUG BRUSH

- T With plastic handle and brass wire bristles



Code	No.	y	/	l
6531950	647	180	15	10
6532090	648	100	5	5





121-3
SUCTION CUP LIFTER with 3 cups
 T 3 fixed heads
 T Lifting capacity 100 kg



Code	No.	Ø	/	l
6390790	121-3	120	1380	1

641
CLAW GRIPPER
 T With flexible shaft
 T Max. gripping capacity 14 mm



Code	No.	y	Ø	/	l
6531520	641	540	7	100	1

LIFTERS

121
SUCTION CUP LIFTER with 2 cups
 T 2 fixed heads with suction mechanism and safety locking
 T Oil and acid-resistant ABS
 T Lifting capacity 60 kg



Code	No.	y	Ø	/	l
6391090	121	325	120	1255	1

121 G
SUCTION CUP LIFTER with 2 cups
 T As 121 but with hinged suction heads
 T Lifting capacity 45 kg



Code	No.	y	Ø	/	l
6391170	121 G	390	120	1255	1

121 G-3
SUCTION CUP LIFTER with 3 cups
 T 3 hinged suction heads made from oil and acid-resistant ABS
 T For curved glass and panels
 T Lifting capacity 100 kg



Code	No.	Ø	/	l
6390870	121 G-3	120	1275	1

640
MINI MAGNETIC LIFTER
 T Flexible thin shaft for the smallest apertures



Code	No.	y	Magnet-Ø	J	/	l
6530630	640-120	400	4	120	25	1
1785338	640-270	400	5	270	21	1

640
MAGNETIC LIFTER
 T With flexible shaft and plastic handle
 T Bright nickel-plated



Code	No.	y	Magnet-Ø	J	/	l
6531010	640-500	460	9	500	80	1
6531280	640-1800	520	15	1800	250	1
6531360	640-3000	520	19	3000	320	1

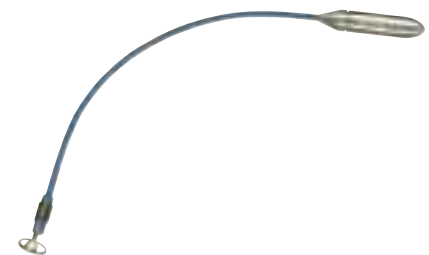


642
MAGNETIC LIFTER with lamp
 T Flexible shaft and optic fibre



Code	No.	y	J	/	l
6530470	642	500	350	110	1

642 SP
MAGNETIC LIFTER with lamp, mirror and clip
 T E-642 SP = detachable mirror with clip



Code	No.	y	J	/	l
6536750	642 SP	500	350	120	1
1520849	E-642 SP			10	1

Detailed information on products, promotions and trade fairs

... www.gedore.com





EXHAUST / ENGINE / VARIOUS

4588

CHAIN PIPE CUTTER

- T For cutting pipes in inaccessible places
- T Gunmetal finish, handles nickel-plated
- T Chain length: 260 mm
- T Spare chain E-4588 A



Code	No.	L	H	W	/	I
6697840	4588	25-75	1-3	510		1
5697390	E-4588 A			185		1

4589

CHAIN PIPE CUTTER

- T For Ø 75 mm pipes, wall thickness 2.6 mm
- T Spare chain E 4589 A

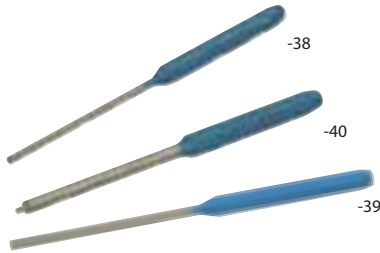


Code	No.	length appr.	/	I
1446940	4589	246	825	1
1446959	E-4589 A	315	185	1

1600

SPECIAL PIN PUNCH

- T For removal of split pins
- T **1600-38** for door hinges, e.g. Opel
- T **1600-39** for brake calipers and disc brakes
- T **1600-40** with 3 mm guide pin



Code	No.	L ₁	/	I
6630180	1600-38	180	150	5
6633950	1600-39	180	60	5
6634090	1600-40	180	160	5

611

UNIVERSAL CANISTER

- T 2-litre capacity
- T Polyethylene



Code	No.	L	H	W	/	€
6523340	611	75	220	180	200	1

614

ANTI-FREEZE TESTER

- T For ethylene glycol mixtures
- T Made from high-quality impact-resistant plastics
- T Corrosion-proof
- T Suction tube length: 185 mm

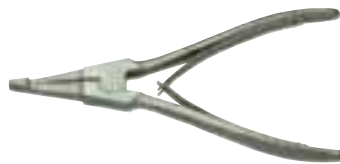


Code	No.	/	I
6523770	614	50	1

8134

INSTALLATION PLIERS

- T For spreading of horseshoe pattern circlips of shaft retainers on motors, gearboxes, clutches, etc.
- T For VW, AUDI and American vehicles
- T GEDORE vanadium steel 31CrV3



Code	No.	y	z	/	I
6722030	8134-170 C	170	6.3/4	165	1

Code	No.	y	z	/	I
1701177	SB 8134-170 C	170	6.3/4	175	1

CAR BODY WORK

269

BODYWORK FILE

- T With light-alloy handle and flexible milled file blades
- T **269 K** complete with 269 F 9
- T **269 L** without milled file blade



Code	No.	/	I
6460080	269 K	1050	1
6460160	269 L	800	1

269 F

FLEXIBLE MILLED FILE BLADES

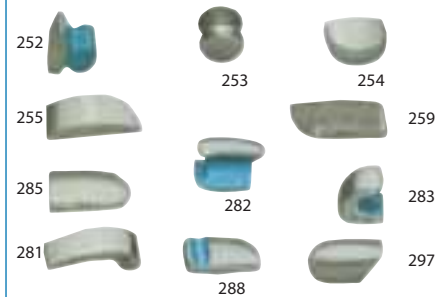


Code	No.	y	Teeth "	/	I
5460030	269 F 7	354	7	250	1
5460110	269 F 9	354	9	250	1
5460380	269 F 12	354	12	250	1

252 - 297

PLANISHING HAND ANVILS

- T Made from hardened and tempered steel to DIN EN 10083
- T Enamelled, with ground faces



Code	No.	Measures	/	I
6456990	252	72 x 55 x 63	1150	1
6457020	253	Ø 58.5 x 60	850	1
6457100	254	80 x 60 x 33	900	1
6457290	255	120 x 58 x 23	1050	1
6457610	259	125 x 55 x 25	1200	1
6461720	281	130 x 55 x 36	1200	1
6461800	282	100 x 40 x 80 x 70 x 62	1450	1
6461990	283	70 x 54 x 68	1650	1
6462020	285	111 x 68 x 23.5	1050	1
6463340	288	104 x 66 x 25	1150	1
6464230	297	110 x 51 x 55	1500	1





265

BENDING TOOL

T Made from hardened and tempered steel to DIN EN 10083
T Enamelled, ground faces



Code	No.	y	z	/	l
6458420	265	430	17	900	1

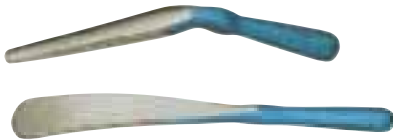
Further bending tools and bodywork levers are listed up from page 407



289 - 291

BODYWORK SPOON

T Made from hardened and tempered steel to DIN EN 10083
T Enamelled, with ground faces



Code	No.	y	z	/	l
6463420	289	275	11	485	1
6463690	291	390	16	1100	1

292 - 293

BODYWORK LEVER

T GEDORE vanadium steel 31CrV3
T Enamelled, with ground faces



Code	No.	y	z	/	l
6463770	292	450	16	1450	1
6463850	293	500	19	1900	1

251

FLAT ROUND FACE HAMMER

T Ash shaft (E-251 E)
T Made from hardened and tempered steel to DIN EN 10083
T Enamelled blue, with ground faces



Code	No.	y	V	E	E	/	l
6456720	251	300	155	40	31	450	1
1808621	E-251 E	300				111	1

261

PLANISHING HAMMER

T Ash shaft (E-261 E)
T Made from hardened and tempered steel to DIN EN 10083
T Enamelled blue, with ground faces



Code	No.	y	V	E	/	l	
6457960	261	325	160	31	600	1	
1440934	E-261 E	325				111	1

271

LONG REACH HAMMER

T Ash shaft (E-271 E)
T Made from hardened and tempered steel to DIN EN 10083
T Enamelled blue, with ground faces

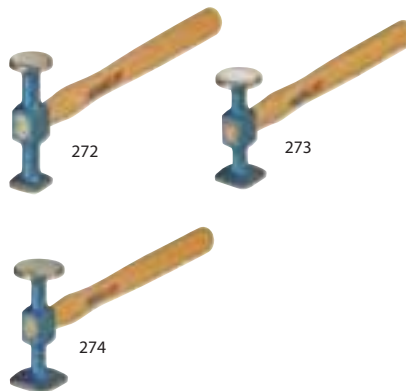


Code	No.	y	V	E	/	l	
6460320	271	330	160	28	600	1	
1634844	E-271 E	330				111	1

272 - 274

SMOOTHING HAMMER

T Ash shaft (E-251 E, E-274 E)
T Made from hardened and tempered steel to DIN EN 10083
T Enamelled blue, with ground faces
T The K models have one milled cross-hatched face and one square non-milled face

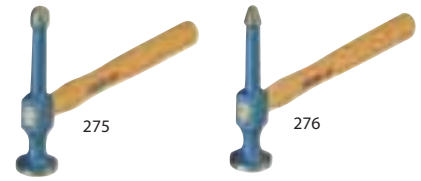


Code	No.	y	V	E	X	/	l
6460400	272	300	105	32	25	300	1
6460590	272 K	300	105	32	25	300	1
6460670	273	300	100	40	35	350	1
6460750	273 K	300	100	40	35	350	1
6460830	274	320	115	46	40	550	1
6460910	274 K	320	115	46	40	550	1
1808621	E-251 E	300				111	1
1808664	E-274 E	320				90	1

275 - 276

EMBOSSING HAMMER

T Ash shaft
T Made from hardened and tempered steel to DIN EN 10083
T Enamelled blue, with ground faces



Code	No.	y	V	E	/	l	
6461050	275	300	160	40	450	1	
6461130	276	300	160	40	420	1	
1808621	E-251 E	300				111	1

277

POINT PEIN HAMMER

T Ash shaft
T Made from hardened and tempered steel to DIN EN 10083
T Enamelled blue, with ground faces



Code	No.	y	V	E	/	l	
6461210	277	300	137	37	400	1	
1808621	E-251 E	300				111	1

278

PLANISHING / GROOVING HAMMER

T Ash shaft
T Made from hardened and tempered steel to DIN EN 10083
T Enamelled blue, with ground faces



Code	No.	y	V	E	/	l	
6461480	278	300	160	40	450	1	
1808621	E-251 E	300				111	1

279

STEEL / RUBBER HAMMER

T Ash handle (E-279 E)
T Made from hardened and tempered steel to DIN EN 10083
T Enamelled blue, with ground faces
T Spare rubber cap (E-279)



Code	No.	y	V	E	E	/	l
6461560	279	360	138	55	33	1050	1
1492330	E-279			55		40	1
1808710	E-279 E	360				150	1



SHEET METAL FORMING TOOLS

BODYWORK TOOL SETS

- T Professional selection of tools
- T Available loose or in a sturdy steel case, powder-coated blue hammer finish

260

- BODYWORK TOOL SET 8 pieces**
 T Workshop selection
 T In sheet steel case
 T Dimensions: 525 x 206 x 78 mm



Code	No.	Ø	l
6457880	260 S 260	7.4	1
6459150	S 260 251 252 253 254 255 281 273 K 226 E-2	6.3	1

280

- BODYWORK TOOL SET 12 pieces**
 T Large workshop selection
 T In sheet steel case
 T Dimensions: 545 x 230 x 110 mm



Code	No.	Ø	l
6461640	280 S 280	16.9	1
6462290	S 280 272 K 273 K 225 E-32 277 278 281 282 288 291 292 293 259	10.4	1

300

- BODYWORK TOOL SET 8 pieces**
 T Panel beating tools
 T In sheet steel case
 T Dimensions: 525 x 206 x 78 mm

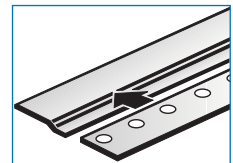
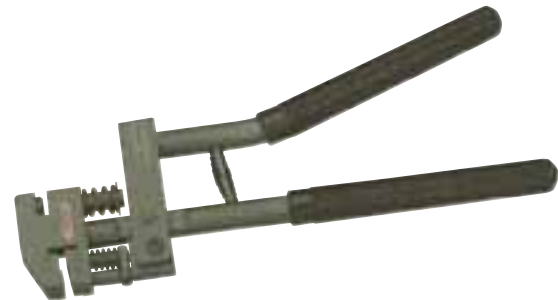


Code	No.	Ø	l
6462370	300 S 300	9.7	1
6462100	S 300 252 255 261 281 282 291 273 K 248 ST-30	7.2	1

8532

OFFSETTING PLIERS WITH PUNCH

- T Combination pliers for offsetting sheet metal edges up to 1 mm and for punching sheet metal for spot welding
- T The rotating head makes both operations possible using one tool
- T Single-handed, low-force operation

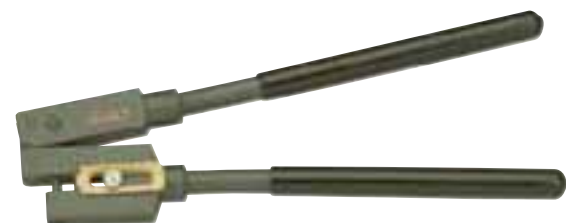


Code	No.	J	y	/	l
6751130	8532	22	5	325	1200 1

8533

PUNCH PLIERS

- T With adjustable stop for punching sheet metal up to 1.5 mm



Code	No.	J	y	/	l
6751640	8533	up to 30	5	260	800 1

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... www.gedore.com



EQUIPMENT

905

CREEPER

- T Comfortable, ergonomically shaped one-piece creeper
- T With practical carrying handle
- T Made from PP - kind on the skin, resistant to oil, grease and brake fluid
- T Six swivel rollers ensure easy and safe manoeuvrability
- T Fatigue-free working, with head/neck cushion for maximum comfort
- T Bucket moulding gives additional hold and allows maximum freedom of movement
- T Two storage trays (right/left) to keep tools and small parts within easy reach
- T Carrying capacity: 130 kg
- T Temperature range -30°C to +60°C
- T Dimensions: 115 x 1030 x 480 mm



Code	No.	⊙	⊓
1823698	905	5.0	1

906

KNEELING BOARD

- T Blue/black, made from solid foam
- T With indented grip
- T Dimensions: 115 x 1030 x 480 mm



Code	No.	/	⊓
1942948	906	110	1



907

WING PROTECTOR

- T Protection from unwanted scratches, dents and dirt
- T Magnetic attachment keeps paintwork safe from damage - also attaches to galvanised steel sheet
- T Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area
- T Dimensions: 1100 x 650 mm with wheel cut-out to allow free access



Code	No.	/	⊓
1942956	907	620	1





KLANN

THE TOOL SPECIALIST FOR THE AUTOMOTIVE SECTOR



PRODUCT RANGE

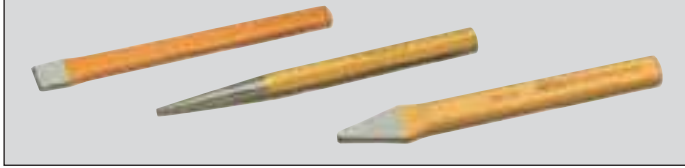
- T Telescopic Spring Compressors
- T Ball Joint Extractors
- T Wheel Bearing Pullers
- T Bush Extractors
- T Motor Locking Tool Sets
- T Hydraulic Press Tool Kits
- T Tool sets
- T Other tools

KLANN Spezial-Werkzeugbau-GmbH
Breslauerstr. 41 · 78166 Donaueschingen
Postfach 1329 · 78154 Donaueschingen
Tel.: +49 (0) 771 / 8 32 23-0 · Fax: +49 (0) 771 / 8 32 23-90
info@klann-online.de www.klann-online.de



SPECIAL TOOLS

T Our extensive range of chisels, drift and pin punches is listed up from page 401



T Our extensive range of hammers is listed up from page 384



FILES

8729

CONTACT FILE

T In blue PVC tear-off wallet

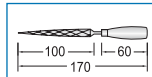


Code	No.	z	y	/	l
6771080	8729	6	150	8	10

8728

KEY FILE SET 6 pieces

T In blue plastic wallet
T DIN 7283



Code	No.	5 types	Cut	/	l
6771910	8728	\] ^ _ `	2	115	1

8701

HAND FILE

T PVC handle
T DIN 7261, Form A
T Cut: 2



Code	No.	L	L*	W	H	/	l
6768020	8701 2-6	150	6	16	4	65	1
6768100	8701 2-8	200	8	20	5	180	1
6768290	8701 2-10	250	10	25	6	280	1

8719

TRIANGULAR FILE

T PVC handle
T DIN 7261, Form C
T 2-6 = not standardised
T Cut: 2



Code	No.	L	L*	W	/	l
6769260	8719 2-6	150	6	10	45	1
6769340	8719 2-8	200	8	14	140	1
6769420	8719 2-10	250	10	17	250	1

8722

ROUND FILE

T PVC handle
T DIN 7261, Form F
T Cut: 2



Code	No.	L	L*	Ø	/	l
6770000	8722 2-6	150	6	6.0	30	1
6770190	8722 2-8	200	8	7.5	100	1
6770270	8722 2-10	250	10	9.5	120	1

8725

HALF-ROUND BLUNT FILE

T PVC handle
T DIN 7261, Form E
T Cut: 2

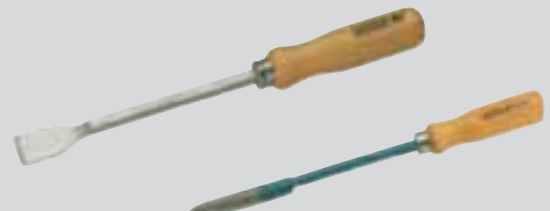


Code	No.	L	L*	W	H	/	l
6770350	8725 2-6	150	6	16	4.5	80	1
6770430	8725 2-8	200	8	20	6.0	165	1
6770510	8725 2-10	250	10	25	7.0	280	1

T Tools for sheet metal working (such as tin snips) are listed up from page 377



T Our extensive range of scrapers is listed up from page 400



**SAWS****401****SMALL SAW FOR METAL**

- T Mini-hacksaw, bright nickel-plated
- T Saw blade 401 A



Code	No.	∇	/	l
6500050	401	350	195	1
5500000	401 A	200	8	10

402**KEYHOLE SAW**

- T Metal handle with two replaceable saw blades: one for metal (402 A), one for wood (402 B)



Code	No.	∇	/	l
6500130	402	380	300	1
5500190	402 A	260	25	5
5500270	402 B	280	25	1

403**HACKSAW**

- T Adjustable tubular steel frame
- T For 10" and 12" hacksaw blades, complete with No. 403 A-405 A
- T Saw blades single-sided (403 A-405 A) and double-sided (403 B-405 B)



Code	No.	∇	/	l
6500210	403	410	460	1
5500350	403 A-405 A		55	10
5500430	403 B-405 B		55	10

404**SMALL SAW FOR METAL PUK**

- T Bright nickel-plated
- T Saw blade 404 A-406 A



Code	No.	∇	/	l
6500480	404	290	250	1
5501080	404 A-406 A	145	20	10

406**HOBBY SAW**

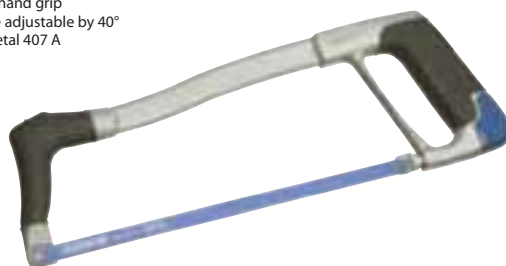
- T For wood and metal
- T Made from flat bar, 10 x 5 mm, zinc-plated
- T Glass-fibre reinforced plastic handle
- T Reach 50 mm
- T For use with junior hacksaw blades 145 mm
- T Saw blade 404 A-406 A



Code	No.	∇	/	l
6501020	406	250	250	1
5501080	404 A-406 A	145	20	10

407**HACKSAW**

- T Very light hacksaw in pressure-cast aluminium
- T Ergonomic soft rubber hand grips
- T Fixing of the sawblade by simple turning the blue clamping element in the hand grip
- T Clamping piece adjustable by 40°
- T Saw blade bimetal 407 A



Code	No.	/	l
1879375	407	650	1
1879383	407 A	55	1

372**UNIVERSAL HAND SAW**

- T For PE-, PVC-, wood, copper and aluminium pipes
- T Especially suited for flush cutting in confined spaces
- T Sawblade bimetal (break-proof), length 300 mm



Code	No.	/
1874853	372012	220
	Universal hand saw 12 tpi	
1874888	372018	220
	Universal hand saw 18 tpi	
1874896	372026	220
	Universal hand saw 26 tpi	
1874845	372000	165
	Spare handle	
1874918	372112	55
	Saw blade 12 tpi	
1874926	372118	55
	Saw blade 18 tpi	
1874934	372126	55
	Saw blade 26 tpi	



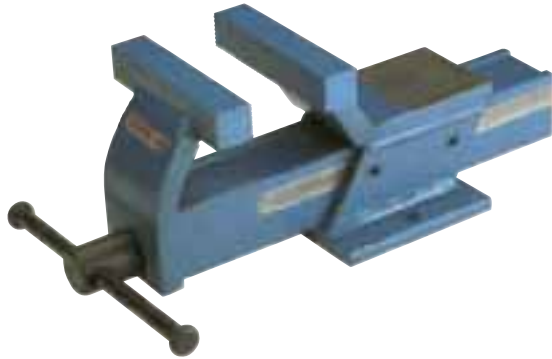


PARALLEL VICES

409 - 410

PARALLEL VICE

- T Welded
- T Compact design, with large anvil surface
- T Protected vice spindle with rolled thread

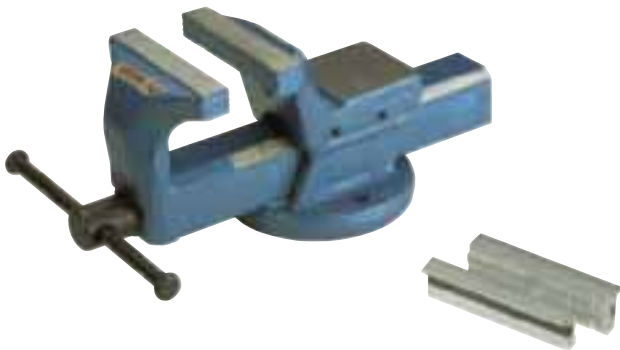


Code	No.	W	Ø	Ø	l
6500800	409	100	100	6.0	1
6500990	410	150	150	15.0	1

411

PARALLEL VICE

- T Forged
- T Sturdy design, with jaws, anvil plate and slides ground and induction hardened
- T Made from hardened and tempered steel



Code	No.	W	Ø	l	l
6501100	411-125 Parallel vice	125	150	11000	1
6501290	411-150 Parallel vice	150	200	17000	1
5704430	E-411 A-125 Aluminium jaws	125		176	1
5704510	E-411 A-150 Aluminium jaws	150		265	1
5704270	E-411 R-125 Pipe-clamping jaws	125		210	1
5704350	E-411 R-150 Pipe-clamping jaws	150		290	1

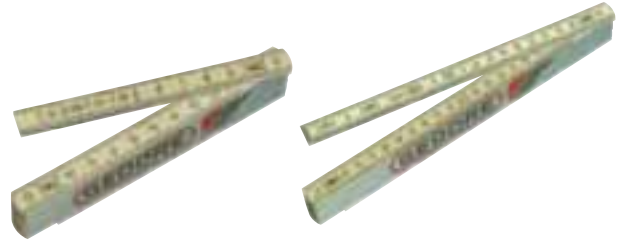


MEASURING TOOLS

4533

FOLDING RULE

- T With easy to read metric dual scale
- T Accuracy class III
- T EG-design approval for continuous mm division
- T Made from beechwood
- T **4533-1**: Links 2.3 x 12 mm
- T **4533-2**: Links 3.0 x 16 mm



	No.	Lm	/
1837079	4533-1	1	28
1837087	4533-2	2	83

4534

STEEL TAPE MEASURE

- T With belt clip and rewind stop
- T mm-divisions
- T Approved standard mark



Code	No.	Lm	W	/	l
6697920	4534-3	3	13	120	5
6698060	4534-5	5	19	200	5
6698140	4534-8	8	25	375	1

702

FEELER GAUGE SET, FAN PATTERN

- T With protective handle, folding, blade length 100 mm
- T **702 22 A + 702 26 A**, each incrementing by 1/1000"



Code	No.	w	/	l
6547520	702 8 M	5 10 15 20 25 30 40 50/100	38	5
6547600	702 88 M	3 4 5 6 7 8 9 10/100	28	5
6547790	702 13 M	5 10 15 20 25 30 40 50 60 70 80 90 100/100	70	10
6547870	702 20 M	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100/100	100	10
6547950	702 21 M	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50/100	70	5
6548250	702 8 A	.002 .004 .006 .008 .010 .012 .015 .020"	38	1
6548410	702 11 A	.0015 .002 .003 .004 .006 .008 .010 .012 .015 .020 .025"	45	1
6548680	702 13 A	.002 .003 .004 .005 .006 .008 .010 .012 .015 .020 .025 .030 .035"	56	5
6548760	702 22 A	.004 .025"	85	5
6548840	702 26 A	.0015 .025"	85	1

**703****VALVE FEELER GAUGE**

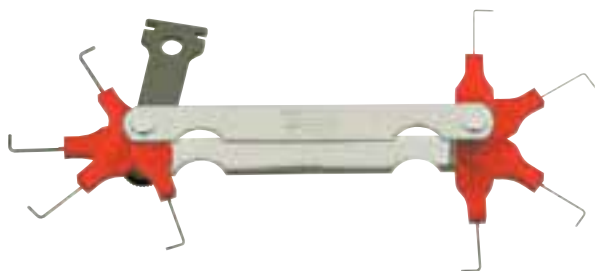
T Blade length 75 mm



Code	No.	w	/	l
6549140	703 M	10 15 20 25 30 35 40/100	8	1

705**SPARK PLUG GAUGE**

T With electrode adjuster, precision steel gauge wires



Code	No.	/	l
6549570	705 M	40 50 60 70 75 80 90 100/100 mm	32 1

706**THREAD GAUGE**T For metric and Whitworth threads
T Pitches 0.25-6.00 mm / 62-4 Step* W

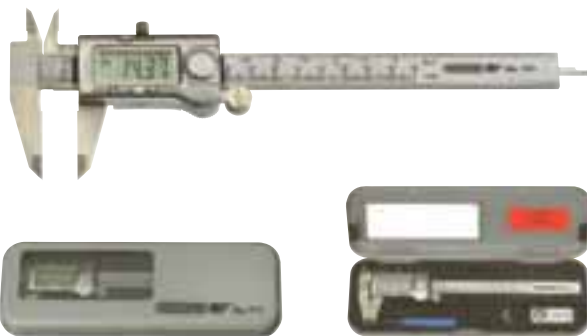
Code	No.	/	l
6549730	706	80	10

710**POCKET VERNIER CALLIPER**T DIN 862, Form A 2
T Quick locking, for internal and external measurements, with ground tips and depth gauge
T In leather wallet

Code	No.	y	O	-	/	l
6555030	710	213	140	5.1/2	200	1

710-80**VERNIER CALLIPER, SMALL**T With inside and outside jaws, ground tips, depth gauge
T In leather pouch

Code	No.	y	O	-	/	l
1933205	710-80	114	80	3.1/8	100	1

711**DIGITAL MEASURING CALLIPER**T Stainless steel, hardened, in sturdy protective case
T Switchable from mm to inch
T Accuracy: 0.03 mm - 0.001 inch
T Reading: 0.01 mm - 0.001 inch**S**

Code	No.	y	O	-	/	l
6550070	711	230	153	6	50	1

745**SCRIBER**

T Made from special steel



Code	No.	y	/	l
6559530	745	250	55	10

746**SCRIBER**

T Tungsten carbide, with retractable, replaceable tip (E-746)



Code	No.	y	/	l
6559610	746	140	20	10
5545100	E-746	35	2	1



720
TWEEZERS
 T With angled tips
 T Bright nickel-plated

Code	No.	y	/	l
6556270	720	150	24	5

722-1 ESD
PRECISION TWEEZERS ESD
 T Flat, fine, long points
 T Satin non-glare finish
 T ESD = electrostatic discharge protection, black

Code	No.	y	/	l
1881663	722-1 ESD	130	22	1

722-3/-4
ELECTRONIC TWEEZERS
 T Curved, fine, long points
 T 722-4 double curved
 T Satin non-glare finish

Code	No.	y	/	l
1881698	722-3	122	18	1
1881701	722-4	122	16	1

721
CROSS TWEEZERS
 T With straight tips
 T Bright nickel-plated

Code	No.	y	/	l
6556350	721	160	35	1

722-2
PRECISION TWEEZERS
 T Flat, fine points
 T Satin non-glare finish

Code	No.	y	/	l
1881671	722-2	95	10	1

722-5/-6
WATCHMAKER TWEEZERS
 T 722-5 straight, fine, long points
 T 722-6 bent, fine, long points
 T Satin non-glare finish

Code	No.	y	/	l
1881728	722-5	108	12	1
1881736	722-6	108	10	1

722-1
PRECISION TWEEZERS
 T Flat, fine, long points
 T Satin non-glare finish

Code	No.	y	/	l
1881655	722-1	130	22	1



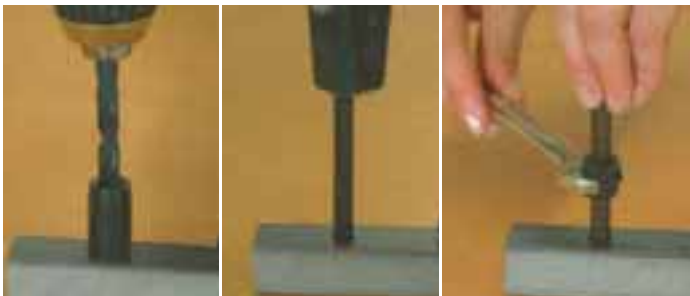
THREAD WORKINGS



8552
SCREW EXTRACTOR SET
 T For extracting broken screws and bolts with threads M5 - M16
 T In handy plastic case, with twist drills, guide sleeves, extractor pins and extractor nuts
 T Dimensions: 200 x 120 x 38 mm
 T Complete with instructions

Code	No.	/	l
6755550	8552-025	770	1

Extractor pins size 1 2 3 4 5
 Drilling sleeves 1 2 3 4 5 6 7 8 9 10
 Extractor nuts size 10 11 13 14 17
 Drills 8.7-11/32" 8-5/16" 6.4-1/4" 4.8-3/16"
 3.2-1/8"



140
THREAD FILE
 T For repairing damaged internal and external threads
 T Chrome-vanadium steel, ISO-nickel-plated
 T Length 230 mm
 T 140 metric threads
 T 140 A inch threads
 T 140 W Whitworth threads

Code	No.	/	l
6409640	140	0.80 1.00 1.25 1.50 1.75 2.00 2.50 3.00 mm	125 1
6409720	140 A	24 20 18 16 14 13 12 11 inch	125 1
6409800	140 W	24 20 18 16 14 12 11 10 Whitworth	125 1

8551
BOLT EXTRACTOR
 T Drill a central hole into the broken bolt (see table). Turn the bolt extractor to the left into this hole until it grips and removes the bolt (penetrating oil may be necessary!). Always choose the largest possible extractor size.

Code	No.	+	∅	∅	a	y	/	l
6758490	8551 1	M3 - M6	1/8-1/4	1,4-3,6	2,7	50	4	10
6758570	8551 2	M6 - M8	1/4-5/16	2,1-4,9	3,8	57	9	10
6758650	8551 3	M8 - M11	5/16-7/16	3,1-5,5	4,9	65	13	10
6758730	8551 4	M11 - M14	7/16-9/16	4,8-8,8	7,0	70	30	10
6758810	8551 5	M14 - M18	9/16-3/4	6,2-11,0	9,0	80	50	5
6759030	8551 6	M18 - M24	3/4-1	9,4-15,0	12,0	85	100	5
6759110	8551 7	M24 - M33	1-1.3/8	12,7-19,0	14,5	95	150	1
6759380	8551 8	M33 - M45	1.3/8-1.3/4	17,5-24,0	18,0	100	290	1

**8551****BOLT EXTRACTOR SET**

T In plastic case



Code	No.	/	l
6759620	8551-55 1 2 3 4 5	150	1
6759700	8551-66 1 2 3 4 5 6	300	1
6759890	8551-88 1 2 3 4 5 6 7 8	750	1

8553**TAP AND DIE SET**

T In plastic case

T For internal threads M3 - M6

T For external threads M3 - M6, max. 40 mm long

T Ratchet drive system with extension unit

T Additional guide sleeve for dies to ensure accurately aligned thread cutting along the bar axis, with swarf collector

T **Drives:** Ratchet with extensionT **Taps:** Quick-clamp tap wrench with M3-M6 tapsT **Dies:** Die handle with guide disc and M3-M6 diesT **Accessories:** Fixing screws and angle screwdriver, instruction manual

Code	No.	/	l
1939068	8553 T-handle ratchet 2093 U-3 T Hex socket key 2 mm Extension, 1/4" 4 mm Die holder Quick-clamp tap wrench Threaded stud M4x6 Backing washer Guide disc M3 M4 M5 M6 Dies M3 M4 M5 M6 Taps M3 M4 M5 M6	740	1

VARIOUS**8272****UNIVERSAL PLIERS**

T With adjustable joint and finger protection

T Non-slip handles, slightly angled jaw position

T Made from hardened and tempered steel to DIN EN 10083



Code	No.	y	z	/	l
6738620	8272-165 C	165	6	200	1
6738890	8272-200 C	200	8	250	1

644 - 646**WIRE BRUSH**

T With untreated wooden handle, angled pattern, smooth, cast steel wire bristles



Code	No.	y	/	l
6531600	644 3-row	290	130	5
6531870	646 6-row	290	195	5

645**FILE BRUSH**

T File card mounted on a wooden handle

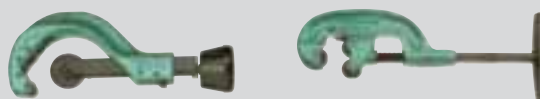
T File card size 110 x 40 mm



Code	No.	y	/	l
6531790	645	250	110	10



T Our extensive range of pipe and tube working tools is listed up from page 340

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promotions and trade fairs**... www.gedore.com



TOOLS FOR BICYCLES

6002

WRENCH FOR SPOKES

- T Forged
- T Applicable also for motorcycles



Code	No.	l	y	/	l
6451170	6002 3,3	3.3	35	/	1
6451410	6002 3,5	3.5	35	/	1
6451680	6002 3,9	3.9	35	/	1
6451760	6002 4	4.0	35	/	1
6451840	6002 4,3	4.3	35	/	1
6451920	6002 4,5	4.5	30	/	1
6452060	6002 4,6	4.6	28	/	1
6452140	6002 4,8	4.8	30	/	1
6452220	6002 5	5.0	30	/	1
6452300	6002 5,2	5.2	30	/	1
6452490	6002 5,5	5.5	30	/	1
6452570	6002 5,7	5.7	30	/	1
6452650	6002 6,1	6.1	30	/	1
6452730	6002 6,5	6.5	30	/	1

6003

ALIGNING TOOLS FOR TREADLES



Code	No.	y	l	/	l
6451250	6003	504	1100	/	1

6004

HEXAGON SOCKET KEY

- T Designed for removal of the sprockets on SRAM rear wheels



Code	No.	l	y	/	l
6451330	6004	12	290	/	1



6101

HUB CONE SPANNER

- T Very flat forged open end spanners for different screw couplings, head thickness 2.2 mm
- T For SRAM hubs



Code	No.	l	y	/	l
1549146	6101 13	13	193	76	1
1549154	6101 14	14	193	76	1
1549162	6101 15	15	193	76	1
1549170	6101 16	16	193	76	1
1549189	6101 17	17	193	76	1
1549197	6101 18	18	193	76	1
1582038	6101 19	19	193	76	1
1809741	6101 20	20	193	74	1
6451090	6101 22	22	193	111	1

6105

WRENCH FOR PEDALS

- T With same size each end and heads flat offset, head thickness 4.5 mm
- T GEDORE vanadium steel 31CrV3, chrome-plated



Code	No.	y	l	/	l
1549138	6105	340	15	210	1

6160

HANDLE FOR FITTINGS



Code	No.	l	/	l
1560778	6160	335	/	1

6161

FITTINGS PARING SPANNER



Code	No.	l	Ø	/	l
1560719	6161	36	41	140	1

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6162

FITTINGS



Code	No.	l	/	l
1560727	6162 30	30	140	1
1578537	6162 32	32	140	1
1578545	6162 34	34	140	1
1578553	6162 35	35	140	1
1578561	6162 36	36	140	1
1578588	6162 40	40	140	1
1578596	6162 42	42	140	1

6163

FITTING OPEN ENDED SPANNER



Code	No.	l	/	l
1560735	6163 15	15	160	1

6164

FITTING HOOK SPANNER



Code	No.	Ø	/	l
1560743	6164	44	130	1

329001

SIPHON TRAP PLIERS / SPRING HOOK WRENCH

- T With plastic jaws



Code	No.	l	y	/	G
1984381	329001	20-65	230	300	G



6166-18

BICYCLE COMPACT TOOL 18 pieces

- T Compact tool with 18 functions
- T Intelligent division into 2 halves, easy handling of all functions
- T Rounded, flat shape reduces the risk of injury in crashes, when carried in the jersey pocket
- T 2 tyre levers integrated in hafts
- T Chain tool - for up to 10-plate chains
- T Box wrench 8, 10mm
- T Screwdriver slotted / cross-slotted PH
- T Spoke wrench G14, G15
- T INBUS® wrench 2*; 2,5; 3; 4; 5; 6; 8
- T TORX® wrench T20*; T25
- T * Sizes supplied separately (for self-exchange)
- T Made from Vanadium Plus steel
- T Supplied in neoprene pouch for the jersey pocket, or carrying on a belt or saddle
- T Dimensions: 98 x 50 x 25 mm
- T TORX® = reg. trade mark of Acument Intellectual Properties, LLC. USA
- T INBUS® = reg. trademark of Acument GmbH & Co. OHG, 56567 Neuwied



Code	No.	/	|
1953079	6166-18	223	1

6170-07

TOOL SET FOR BICYCLE 7 pieces



Code	No.	/	|
1888471	6170-07	1400	1
	1 handle No. 6160		
	1 fitting paring spanner No. 6161		
	1 fitting hexagon/octagon No. 6162 32		
	1 fitting hexagon/octagon No. 6162 36		
	1 fitting hexagon/octagon No. 6162 40		
	1 fitting open end spanner No. 6163 15		
	1 fitting hook spanner No. 6164		

6166-20

BICYCLE COMPACT TOOL 20 pieces

- T Compact tool with 20 functions
- T 2 separate tyre levers made from hard-wearing plastic
- T Chain tool
- T Box wrench 6, 11, 12 and open wrench 8, 10, 13, 15
- T Screwdriver slotted / cross-slotted PH
- T Spoke wrench G14, G15
- T INBUS® wrench 2,5; 3; 4; 5; 6; 8
- T Made from Vanadium Plus steel
- T Dimensions: 94 x 40 x 35 mm
- T INBUS® = reg. trademark of Acument GmbH & Co. OHG, 56567 Neuwied



Code	No.	/	|
1888498	6166-20	223	1



Torque wrenches and accessories see pages 158 and up from page 304



INDUSTRIAL CUTLERY

T Cutlery is traditionally not made from tempering steel, but from plain carbon steel. Carbon steel is not stainless, but keeps its sharpness longer than stainless steel.

Please ask for our detailed priced leaflet!



SCISSORS

1104

TAILOR'S SCISSORS

- T Outstanding cutting performance
- T Suitable for textiles, rubber, wallpaper, plastic, etc.
- T Forged, resharpenable
- T Adjuster screw for later adjustment
- T Fine-polished C45 carbon steel, varnished eyes, silicone dipped RAL 5015
- T Chrome-plated
- T Version L = for left-handers



Code	No.	y	/	l
9118280	1104-18	180	142	5
9118360	1104-20	200	248	5
2082292	1104-20L	200	248	5
9118440	1104-23	230	300	5
9118520	1104-26	260	378	5
2082306	1104-26L	260	378	5
9118600	1104-29	290	446	5
9118790	1104-32	320	536	5



1114

LEATHER SCISSORS

- T Ideal for all kind of leather
- T 9° serrated section
- T Adjuster screw for later adjustment
- T Fine-polished C45 carbon steel, varnished eyes, silicone dipped RAL 5015
- T Chrome-plated



Code	No.	y	/	l
9118950	1114-23	230	282	5



52887 TE - 55108 TE

SPECIAL SCISSORS

- T Ideal for Kevlar®, aramid and glass fibre
- T Extra hard blades, outside Teflon-coated, inside chrome-plated
- T Fine-serrated on one side
- T Plastic-coated handles
- T Version L = for left-handers
- T Kevlar® is a registered trademark of the company DuPont



Code	No.	y	/	l
8017730	52887 TE-V-210	200	252	1
8017750	52887 TE-V-260	260	420	1
2082381	52887 TE-V-320	320	622	1
2082403	52999 TE-V-260	260	360	1
2082330	53791 TE-V-210	210	272	1
2082373	55108 TE-V-130	130	62	1

**1277****INDUSTRIAL SCISSORS PROFESSIONAL**

- T With two equal eyes
- T For universal use
- T Hand-ground
- T Adjuster screw for later adjustment
- T Fine-polished C45 carbon steel
- T Chrome-plated



Code	No.	y	/	l
9119680	1277-10	100	23	5
9119760	1277-12	120	40	5
9119840	1277-16	160	61	5
9119920	1277-18	180	88	5

1350**INDUSTRIAL SCISSORS PROFESSIONAL**

- T One large and one small eye for higher transmission of force
- T For universal use
- T Hand-ground
- T Adjuster screw for later adjustment
- T Fine-polished carbon steel
- T Chrome-plated
- T Version L = for left-handers



Code	No.	y	/	l
9120770	1350-16	160	70	5
9120850	1350-18	180	94	5
2082314	1350-18L	180	94	5
9120930	1350-20	200	132	5

2123**PAPER SCISSORS**

- T With two equal eyes
- T Suitable for the paper-processing industry and also for wallpapering and use in offices and warehouses
- T Fine-polished C45 carbon steel
- T Chrome-plated



Code	No.	y	/	l
9123790	2123-26	260	178	5

KNIVES**0021****POCKET KNIFE**

- T Traditional working knife
- T Folding
- T Universal use
- T Extremely sharp
- T C75 carbon steel blade
- T Weatherproof hardwood handle



Code	No.	M	/	l
2016737	0021-07	70	57	10

0038**POCKET KNIFE**

- T Anchor or dinghy knife for heavy-duty use
- T Folding
- T Universal use
- T Extremely sharp
- T C75 carbon steel blade
- T Weatherproof hardwood handle



Code	No.	M	/	l
9100580	0038-08	80	86	10

0047**POCKET KNIFE**

- T With extremely wide blade for heavy-duty use
- T Folding
- T Universal use
- T Extremely sharp
- T C75 carbon steel blade
- T Weatherproof hardwood handle



Code	No.	M	/	l
9100740	0047-07	70	64	10
9100900	0047-75	75	86	10
9100820	0047-08	80	98	10



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0056

POCKET KNIFE

- T Traditional working knife
- T Folding
- T Universal use
- T Extremely sharp
- T C75 carbon steel blade
- T Plastic handle



Code	No.	M	/	I
9101040	0056-07	70	66	10

0059 - 0067

POCKET KNIFE

- T Traditional working knife
- T Folding
- T Universal use
- T Extremely sharp
- T C75 carbon steel blade
- T Weatherproof hardwood handle



Code	No.	M	/	I
9101470	0067-07	70	61	10
9101390	0065-09	90	78	10
9101120	0059-10	100	102	10



0042

CABLE KNIFE

- T With wire stripper
- T Folding
- T Universal use
- T Extremely sharp
- T C75 carbon steel blade
- T Weatherproof hardwood handle



Code	No.	M	/	I
9100660	0042-09	90	76	10

0513

CABLE KNIFE

- T With wire stripper
- T Folding
- T Universal use
- T Extremely sharp
- T C70 carbon steel blade
- T Weatherproof hardwood handle



Code	No.	M	/	I
9113050	0513-09	90	80	10

0063

CABLE KNIFE

- T With wire stripper
- T Folding
- T Universal use
- T Extremely sharp
- T X46Cr13 stainless steel blade
- T Plastic handle



Code	No.	M	/	I
9101200	0063-08	80	92	10

0117

WORK KNIFE

- T Ideal as a packaging, boxing, warehousing or paper knife
- T Extremely sharp
- T C75 carbon steel blade
- T Beech handle



Code	No.	M	/	I
9102520	0117-10	100	70	10
9102600	0117-12	120	80	10
9102790	0117-16	160	106	10
9102870	0117-18	180	110	10

0246

INDUSTRIAL KNIFE

- T Wide blade with straight back
- T Extremely sharp
- T C75 carbon steel blade
- T Beech handle



Code	No.	M	/	I
9106860	0246-16	160	98	10

**0291****UNIVERSAL KNIFE**

- T Universal use
- T Extremely sharp
- T C75 carbon steel blade
- T Beech handle



Code	No.	D	C	/	I
9107910	0291-06	60	175	37	10

0365**UNIVERSAL KNIFE**

- T Stainless steel
- T Handle made from cherrywood



Code	No.	C	/	I
9109290	0365-07	70	39	10

6951**SAFETY KNIFE**

- T Ideal for the logistics sector
- T Wave-ground carbon steel blade
- T Blade-shield to protect user from cuts
- T Concealed safety foil blade, cuts only when the blue slider is pressed
- T Polyamide handle

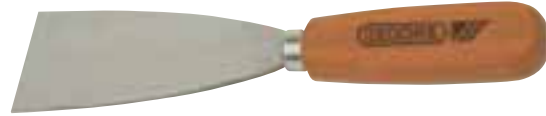


Code	No.	/	I
2082411	6951-00	150	1
2082438	6951-20	40	1
2082446	6951-50	63	1

Dispenser with 10 foil blades

SCRAPERS**0175****SCRAPER**

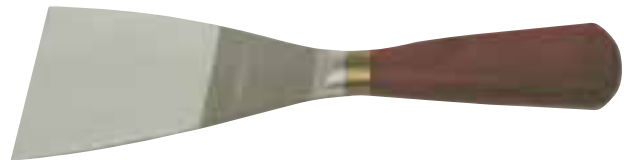
- T Stamped blade
- T Fine-polished, flexible C75 carbon steel
- T Glazed beech handle
- T Blade width 30 - 120 mm



Code	No.	W	/	I
9103840	0175-03	30	66	10
9103920	0175-04	40	68	10
9104060	0175-05	50	72	10
9104140	0175-06	60	80	10
9104220	0175-08	80	90	10
9104300	0175-10	100	110	10
9104490	0175-12	120	120	10

0179**SCRAPER**

- T Professional version
- T Fully forged
- T Fine-polished, flexible C50 carbon steel
- T Weatherproof hardwood handle
- T Handle width 30 - 120 mm



Code	No.	W	/	I
9104570	0179-03	30	47	10
9104650	0179-04	40	63	10
9104730	0179-06	60	84	10
9104810	0179-08	80	120	10
2016745	0179-10	100	132	10
9105110	0179-12	120	144	10





CAST IRON SCREW CLAMPS for direct, secured clamping.



⑥ Tilting arrester screw to prevent unwanted slipping or releasing of the slide bar. Setscrew adjustment.

① Rolled hollow profile and flat profile bar with toothing on the reverse, high-bright galvanized for low-contamination working, made from hardened and tempered steel. For extreme bending strength and tensile strength.

⑤ Malleable cast iron fixed and sliding jaws. The subsequent graphitization gives the bars properties similar to tough steel.



② Spindle with extra deep trapezoidal threads. Lifetime smooth motion, maximum force transmission and wear resistance.

③ Hand-friendly beech grip, smoothly riveted to the spindle. With plastic ferrule to prevent injury.

④ Moveable pressure plate made from top-grade forged steel with replaceable plastic pads for soft gripping.

ALL-STEEL SCREW CLAMPS for optimum force transmission.

TGM, TGB, TGP, TGE all-steel screw clamps are primarily used in steel and vehicle construction. Particularly where heavy, sturdy parts need special clamping forces and a high degree of safety is essential.

⑥ Forged, hardened and tempered steel sliding jaw. Hollow profile and flat profile bars with toothing on the reverse, high-bright galvanized for low contamination working.

① Profile bar with rolled profile steel fixed jaw, hot formed and hardened and tempered in one piece. Optimum stability under load.

② Hand-friendly beech grip, smoothly riveted to the spindle. With plastic ferrule to prevent injury.

③ (3) Moveable handle, with T-handle pivot for increased application of pressure.

⑤ Moveable pressure plate made from top-grade forged steel with replaceable plastic pads for soft gripping.

④ Spindle with extra deep trapezoidal threads. Lifetime smooth motion, maximum force transmission and wear resistance.

CLAMPING PLATES FOR SCREW CLAMPS

- T Clamping plates for difficult edges and surfaces
- T Universal size = suitable for all screw clamps
- T With magnetic holder





CAST IRON SCREW CLAMPS

- T Pressure plate with exchangeable protective cap
- T Deep trapezoidal thread for optimum transfer of force
- T Clamping arms in sturdy malleable cast iron, with torsionally-resistant H-section
- T With fixing screw for fine adjustment of pressure
- T With beech wood handle or tommy bar with sliding lever handle

DIS

CAST IRON SCREW CLAMP with wooden handle
 T To DIN 5117
 T Professional clamp for universal use
 T With strong profile-section bar in special steel and rear toothing



Code	No.	P	O	\	O
1068849	DIS080016	80	160	25 x 6	0.680
1068938	DIS100020	100	200	30 x 8	1.300
1068989	DIS120025	120	250	30 x 8	1.700
1068997	DIS120030	120	300	30 x 8	1.800
1069004	DIS120040	120	400	30 x 8	2.200
1069012	DIS120050	120	500	30 x 8	2.300
1069020	DIS120060	120	600	30 x 8	2.400
1069039	DIS120080	120	800	30 x 8	2.800
1069047	DIS120100	120	1000	30 x 8	2.700
1401173	DIS120125	120	1250	35 x 11	3.200
1401181	DIS120150	120	1500	35 x 11	3.500
1401203	DIS120200	120	2000	35 x 11	4.500

DIN

CAST IRON SCREW CLAMP with wooden handle
 T To DIN 5117
 T Heavy-duty professional clamp for hard, everyday use
 T Strong flat steel bar with rear toothing



Code	No.	P	O	\	O
1170937	DIN050100	50	100	15 x 5	0.305
1171062	DIN060120	65	120	20 x 5	0.570
1171070	DIN060200	65	200	20 x 5	0.570
1171097	DIN060300	65	300	20 x 5	0.655
1069462	DIN140030	140	300	35 x 9	2.200
1069470	DIN140040	140	400	35 x 9	2.460
1069527	DIN175040	175	400	35 x 9	2.700
1069276	DIN121050	120	500	35 x 11	3.000
1069284	DIN121060	120	600	35 x 11	3.300
1069292	DIN121080	120	800	35 x 11	3.900
1069306	DIN121100	120	1000	35 x 11	4.500
1069314	DIN121120	120	1200	35 x 11	5.110
1069322	DIN121150	120	1500	35 x 11	5.900

DISB

CAST IRON SCREW CLAMP with tommy bar
 T For fast, strong clamping with sliding lever handle
 T With strong profile-section bar in special steel and rear toothing



Code	No.	P	O	\	O
1069055	DISB080016	80	160	25 x 6	0.680
1069144	DISB100020	100	200	30 x 8	1.300
1069195	DISB120025	120	250	30 x 8	1.700
1069209	DISB120030	120	300	30 x 8	1.800
1069217	DISB120040	120	400	30 x 8	2.200
1069225	DISB120050	120	500	30 x 8	2.300
1069233	DISB120060	120	600	30 x 8	2.400
1069241	DISB120080	120	800	30 x 8	2.800
1069268	DISB120100	120	1000	30 x 8	3.200

DINB

CAST IRON SCREW CLAMP with tommy bar
 T For fast, strong clamping with sliding lever handle
 T Strong flat steel bar with rear toothing



Code	No.	P	O	\	O
1069586	DINB121050	120	500	35 x 11	3.000
1069594	DINB121060	120	600	35 x 11	3.300
1069608	DINB121080	120	800	35 x 11	3.900
1069616	DINB121100	120	1000	35 x 11	4.500
1069624	DINB121120	120	1200	35 x 11	5.110
1069764	DINB140030	140	300	35 x 9	2.200

ALL-STEEL SCREW CLAMPS

- T With hollow-section bar and integral clamping arm
- T In cold-drawn profile-section steel, hot-forged to shape and with optimum heat treatment guarantees torsion-free transference of the clamping force
- T With forged clamping arm - fitted to slide perfectly
- T Movable pressure plate with protective cap
- T Deep trapezoidal thread for optimum transfer of force
- T In special steel, hardened, bright zinc-plated - for good protection against corrosion and non-dirtying surface
- T With beech wood handle

TGM

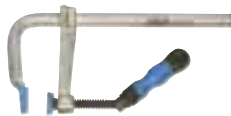
ALL-STEEL SCREW CLAMP with wooden handle
 T The handy professional clamp for heavy-duty, flexible clamping



Code	No.	P	O	\	O
1070096	TGM080016	80	160	16 x 8	0.600
1070118	TGM100020	100	200	20 x 10	1.050
1070126	TGM121025	120	250	22 x 11	1.650
1070142	TGM122030	120	300	25 x 12	2.130
1070150	TGM122040	120	400	25 x 12	2.350
1070169	TGM122050	120	500	25 x 12	2.570
1070177	TGM122060	120	600	25 x 12	2.800
1070185	TGM124080	120	800	25 x 12	4.140
1070193	TGM124100	120	1000	25 x 12	4.730
1070207	TGM124125	120	1250	25 x 12	5.400
1070215	TGM126150	120	1500	25 x 12	7.560
1070134	TGM140030	140	300	25 x 12	2.250

TGP

ALL-STEEL SCREW CLAMP with pivot handle
 T For all variable uses requiring sensitivity and force
 T The variable handle position permits a sensible combination of handle and tommy bar



Code	No.	P	O	\	O
1070460	TGP121025	120	250	22 x 11	1.650
1070479	TGP122030	120	300	25 x 12	2.130
1070541	TGP140030	140	300	25 x 12	7.560
1070487	TGP122040	120	400	25 x 12	2.350
1070495	TGP122050	120	500	25 x 12	2.570
1070509	TGP122060	120	600	25 x 12	2.800
1070517	TGP124080	120	800	28 x 14	4.140
1070525	TGP124100	120	1000	28 x 14	4.730
1070533	TGP124125	120	1200	28 x 14	5.400

TGB

ALL-STEEL SCREW CLAMP with tommy bar
 T For fast, strong clamping - with sliding lever handle



Code	No.	P	O	\	O
1070223	TGB080016	80	160	16 x 8	0.600
1070231	TGB100020	100	200	20 x 10	1.050
1070258	TGB121025	120	250	22 x 11	1.650
1070274	TGB122030	120	300	25 x 12	2.130
1070282	TGB122040	120	400	25 x 12	2.350
1070290	TGB122050	120	500	25 x 12	2.570
1070304	TGB122060	120	600	25 x 12	2.800
1070312	TGB124080	120	800	28 x 14	4.140
1070320	TGB124100	120	1000	28 x 14	4.730
1070339	TGB124125	120	1250	28 x 14	5.400
1070266	TGB140030	140	300	25 x 12	2.250

QUICK-ACTION LEVER CLAMPS

- T With hollow-section bar and integral clamping arm
- T In cold-drawn profile-section steel, hot-forged to shape and with optimum heat treatment guarantees torsion-free transference of the clamping force
- T High-gloss zinc-plated - for good protection against corrosion and non-dirtying surface
- T With fine tooth and pawl mechanism for careful, fast clamping action and high force transference due to lever action
- T The clamping force cannot be released or reduced by vibration
- T With easy-grip powder-coated handle incorporating a release lever
- T The movable clamping arm has a drop-forged, torsion-resistant profile section, and a precise mechanism for providing the highest clamping pressure

TGE

QUICK-ACTION LEVER CLAMP
 T For secure, high-pressure clamping, even using only one hand



Code	No.	P	O	\	O
1070347	TGE080016	80	160	16 x 8	0.950
1070355	TGE100020	100	200	20 x 10	1.350
1070363	TGE121025	120	250	22 x 11	1.930
1070398	TGE122030	120	300	25 x 12	2.600
1070401	TGE122040	120	400	25 x 12	2.830
1070428	TGE122050	120	500	25 x 12	3.000
1070436	TGE122060	120	600	25 x 12	3.300
1070444	TGE124080	120	800	28 x 14	4.600
1070452	TGE124100	120	1000	28 x 14	5.200
1070371	TGE140030	140	300	25 x 12	2.780



CLAMPING PLATES FOR SCREW CLAMPS

DP 621

CLAMPING PLATES FOR SCREW CLAMPS
 T Clamping plates for difficult edges and surfaces
 T Universal size = suitable for all screw clamps
 T With magnetic holder



Code	No.	/
1564714	DP 621-1	50
Clamping plate for holding tips		
1564757	DP 621-2	100
Clamping plate with wedge		
1564803	DP 621-3	100
Clamping plate with cone		



WORKSHOP LAMPS

T GEDORE light line electric lamps are equipped as standard with a contoured twin-pin connector as per CEE 7/17

T The particular geometry of this connector allows the lamps to be used in more than 100 countries around the world

T International connectors and other connector variants are available on request



ELECTRIC LAMPS LED LIGHT LINE

- T Highest protection class: III
- T 3.6 Volt operating voltage
- T Environmentally-friendly, cadmium-free, NiMH rechargeable battery of 2 Ah 3.6 V
- T 5 Volt transformer for charging included in scope of supply
- T Normal charging time 4 h; Initial charge - completely discharge the battery during the first three charges; max. charging time: 24 h
- T Protection against overcharging
- T Flicker-free, bright light
- T Independent of mains
- T Full freedom of movement since there is no troublesome cable
- T No risk of burns since a cold light is used
- T Industrial quality
- T Protective tube made of polycarbonate, also used for aircraft screens
- T Protective jacket made of high quality rubber
- T Practical swivelling hook for hanging up
- T IP 54 complete protection from contact voltage and impurities, splash-proofed

900 01 LED

LED ELECTRIC LAMP WITH RECHARGEABLE BATTERY

- T Electric lamp with 27 white LEDs
- T Duration of light: 4 h
- T Light intensity: 148 Lux at a measuring distance of 1 metre
- T Other national standard plugs on request



Code	No.	Operating voltage	V	/
1816470	900 01 LED	3,6 V	290	750

900 02 LED

LED DUO ELECTRIC LAMP WITH RECHARGEABLE BATTERY

- T Electric lamp with twin function, focussed as torch or widely fanned out as a worklamp
- T Worklamp with 26 white LEDs (4 h duration of light)
- T Torch with 9 white LEDs (10 h duration of light)
- T Light intensity: 148 Lux at a measuring distance of 1 metre
- T Other national standard plugs available on request



Code	No.	Operating voltage	V	/
1816489	900 02 LED	3,6 V	385	940

Detailed information on products, promotions and trade fairs

... www.gedore.com



CB 900

CHARGING UNIT

T For GEDORE LED electric lamps



Code	No.	/
1816497	CB 900 01 LED	220
1893386	CB 900 02 LED	220

ELECTRIC LAMPS LIGHT LINE

- T Electric lamp with ballast
- T Industrial quality
- T Protective tube made of polycarbonate
- T Protective jacket made of high quality rubber
- T Practical swivelling hook for hanging up
- T Simple exchange of fluorescent tubes
- T 5 metre connecting cable
- T Cold light, colour temperature 650° K
- T Degree of interference immunity IK 09 (resistant to impacts of up to 10 joules)
- T IP 54 complete protection from contact voltage and impurities, splash-proofed

900

ELECTRIC LAMP

- T Other national standard plugs on request
- T With bulb
- T **900 03:** Protection class II
- T **900 04:** Protection class III
- T **900 05:** Protection class II
- T **900 09:** Protection class II

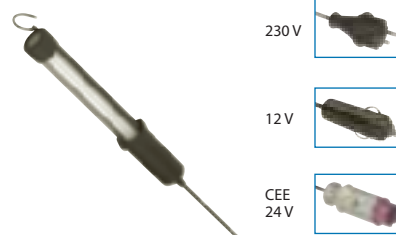


Code	No.	Power	Operating voltage	V	/
1816500	900 03	8 W	230 V	490	720
1816519	900 04	8 W	24 V	490	750
1816527	900 05	11 W	230 V	395	720
1816578	900 09	18 W	230 V	765	860

900

DUO ELECTRIC LAMP

- T Electric lamp with twin function, focussed as torch or widely fanned out as a worklamp
- T **900 06:** Protection class II
- T **900 07:** Protection class III
- T **900 08:** Protection class III



Code	No.	Power	Operating voltage	V	/
1816535	900 06	11 W	230 V	395	740
1816543	900 07	11 W	12 V	395	750
1816551	900 08	11 W	24 V	395	750

H 900

MAGNETIC HOLDER

T Firm mounting for light line lamps on any ferrometallic ground



Code	No.	/
1816608	H 900 2	120
1816616	H 900 3	120
1816624	H 900 4	280

900 10

ENGINE SPACE INSPECTION LAMP

- T Safety class II
- T Automatic fixing to bonnet supports of 110-170 cm
- T Rubberised holder to protect the paintwork
- T Permits undisturbed work in the engine space
- T Uniform lighting of the working area



Code	No.	Power	Operating voltage	V	/
1816586	900 10	36 W	230 V	1377	1950



H 900 5

- T Extendable from 110-170 cm
- T Automatic fixing to bonnet supports
- T Rubberised holder to protect the paintwork



Code	No.	/
1816632	H 900 5	790



WORKLAMPS LIGHT LINE

- T Housings made from impact-proof plastic
- T Impact-proof translucent polycarbonate screen, also used for aircraft screens
- T Reflector made from highly-polished aluminium sheet
- T Adjustable retaining hanger
- T Long service life
- T 5 metre connecting cable
- T Degree of shock resistance: IK 10, can withstand impacts up to 20 joules
- T For 36 Watt lamps: IP 54, complete protection from contact voltage and impurities, splash-proofed
- T For 72 and 108 Watt lamps: IP 44, protection from contact voltage and impurities for tools and wires greater than 1 mm diameter, splash proofed

901 01 LED

LED WORKLAMP 36 W with emergency light

- T 2x 18 W PL-L Philips fluorescent lamps
- T Supplementary lighting in the event of mains power failures by means of 24 LEDs
- T Environmentally-friendly NiMH rechargeable battery for LED operation 3.6V 2.0Ah
- T On/Off switch
- T After the lamp has been switched on the battery is automatically charged and the red indicator lamp (LED) lights up. In the event of a mains power failure the emergency light is automatically actuated by the LEDs. Once the mains power is available again the main lighting is switched on again automatically and the battery is charged again.
- T Protection class II
- T Other national standard plugs on request
- T With bulb
- T Dimensions: W 340 x H 230 x D 110 mm



Code	No.	Power	Operating voltage	Ø
1816640	901 01 LED	36 W	230 V	2.3

901 02 LED

LED WORKLAMP 36 W with socket

- T 67 white LEDs ensure a bright energy-saving light
- T At the rear side is a 230 V safety socket with earthing contact
- T Protection class I
- T Other national standard plugs on request
- T With bulb
- T Dimensions: W 340 x H 230 x D 110 mm



Code	No.	Power	Operating voltage	Ø
1816659	901 02 LED	36 W	230 V	2.0

901

WORKLAMP 36 W

- T 2x 18 W PL-L Philips fluorescent lamps
- T Luminous flux: 2900 lm
- T **901 03:** Protection class II
- T **901 04:** Protection class I, 230 V safety socket
- T **901 05:** Protection class III
- T Dimensions: W 340 x H 230 x D 110 mm

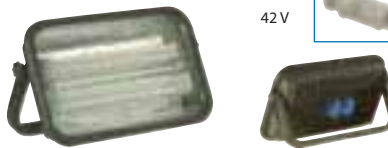


Code	No.	Power	Operating voltage	Ø
1816667	901 03	36 W	230 V	2.5
1816675	901 04	36 W	230 V	2.5
1816683	901 05	36 W	24 V	2.6

901

WORKLAMP 72 W

- T 2x 36 W PL-L Philips fluorescent lamps
- T **901 06:** Protection class II
- T Luminous flux: 5800 lm
- T **901 07:** Protection class I
- T 2x 230V safety sockets with earthing contacts
- T Luminous flux: 5800 lm
- T **901 08:** Protection class III
- T **901 09:** Protection class III
- T 2 sockets
- T **901 10:** Protection class III
- T Socket
- T **901 11:** Protection class III
- T Socket
- T Dimensions: W 495 x H 285 x D 110 mm

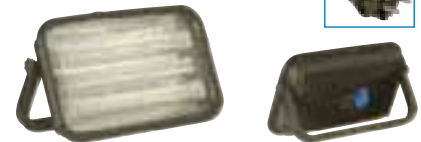


Code	No.	Power	Operating voltage	Ø
1816691	901 06	72 W	230 V	5.0
1816705	901 07	72 W	230 V	5.0
1816713	901 08	72 W	24 V	5.0
1816721	901 09	72 W	24 V	5.1
1816748	901 10	72 W	42 V	5.1
1816756	901 11	72 W	42 V	5.1

901

WORKLAMP 108 W

- T 3x 36 W PL-L Philips fluorescent lamps
- T Luminous flux 8700 lm
- T **901 12:** Protection class II
- T **901 13:** Protection class I
- T Safety socket with earthing contact
- T Dimensions: W 495 x H 285 x D 110 mm



Code	No.	Power	Operating voltage	Ø
1816764	901 12	108 W	230 V	5.8
1816772	901 13	108 W	230 V	8.5

H 901

SCAFFOLDING HOLDER

- T For attaching light line lamps to building scaffoldings



Code	No.	/
1816810	H 901 1	880

ST 901

TRIPOD STANDS

- T Tripod stand for light line worklamps
- T Professional quality made from galvanised steel
- T Safer standing by means of stable feet
- T Max. height 2.5 metres
- T **ST 901 1** with built-on cable holder for storing the cable during storage or transport



Code	No.	Ø
1816780	ST 901 1	5.9
1816799	ST 901 2	5.5
	Tripod stand	

R 901

WHEEL SET for large tripod ST 901 1

- T Mobilises the Prof tripod stand ST 901 1
- T Consisting of 3 swivel castors with brake



Code	No.	/
1816802	R 901 1	400

T Protection class I

All electrically conductive parts of the equipment casing are connected to the equipment grounding conductor (earthing) system of the fixed electrical installation. Mobile or portable appliances with protection class I have a plug and socket connection with an equipment grounding contact, i.e. an earthing contact. The earthing connection is designed in such a way as to ensure that it is the first connection made, when the plug is inserted into the mains socket, and the last to be disconnected in the event of a fault. The power cable must be fitted with a mechanical strain-relief device at the point of entry into the equipment. If a fault occurs, in which a live conductor comes into contact with the casing, which is connected to earth, an earth contact is normally made, triggering the fuse and cutting the live power feed.



T Protection class II

Equipment rated to protection class II has greater insulation or is double insulated, and is not connected to earth. This kind of safety measure is also referred to as protective insulation. Even if such equipment has electrically conductive surfaces, the increased level of insulation ensures that these surfaces are protected from coming into contact with live parts. Mobile or portable appliances with protection class II are not equipped with an earthed plug, that is to say: a three-pin plug is still used, but the earth pin is not connected.



T Protection class III

Appliances rated to protection class III work with Safely Extra Low Voltage (SELV) and therefore need no explicit protection. Safely Extra Low Voltage (SELV) lamps are lamps rated at less than 50 V AC or 120 V DC, powered by a safety transformer as per DIN VDE 0551 (EN 60742) or by rechargeable or non-rechargeable batteries.



SAFETY AT WORK

TOOL BAGS

WT 1056 1

HEAVY-DUTY BELT WITH CUSHION
 T Fits waist size from 80-120 cm (32"-48")
 T Strongly cushioned for maximum comfort
 T Made from leather



Code	No.	L	W	/
1802410	WT 1056 1	1330	145	450

WT 1056 2

UNIVERSAL POUCH
 T Leather sleeve for knives
 T Hammer holder with metal hooks
 T Hook for tape measure



Code	No.	W	H	/
1811096	WT 1056 2	290	290	340

WT 1056 3

DRILL HOLSTER
 T Suitable for drill-machines and battery-drills
 T With pockets for screws and bits
 T Securing loop as loss-proof



Code	No.	W	H	/
1818147	WT 1056 3	210	320	150

WT 1056 4

HAMMER HOLDER WITH METAL HOOKS
 T Holds any claw hammer at a comfortable angle
 T Enables boundless freedom of movement
 T Polyester and blue suede
 T Stainless tab



Code	No.	W	H	/
1818155	WT 1056 4	100	160	100

WT 1056 5

THREE-POUCH BELT SET
 T Fits waist size from 80-120 cm (32"-48")
 T 4 holsters, 5 storage pockets and 1 eyelet for tape measure



Code	No.	W	H	/
1818163	WT 1056 5	690	270	750

Detailed information on products, promotions and trade fairs ... www.gedore.com



WT 1056 6

ELECTRICIANS' POUCH

- T Generous pouch space
- T 8 pockets for screwdrivers
- T Extra pocket for insulation stripping knife
- T Holding shackle for insulating tape



Code	No.	W	H	/
1818171	WT 1056 6	240	320	500

WT 1056 8

DUO POUCH

- T Leather pocket for knife
- T 2 large storage pockets



Code	No.	W	H	/
1818201	WT 1056 8	240	280	360

WT 1056 7

HEAVY-DUTY BELT SET

- T Heavily padded belt for superior comfort when fully loaded
- T Fits waist size from 80-120 cm (32"-48")
- T Basic belt from leather
- T All inclusive: Holster, hammer holder, 2 pockets and mobile phone holder (available separately WT 1056 7-1)



Code	No.	W	/
1818198	WT 1056 7	1330	1600
1963171	WT 1056 7-1		52



WT 1056 9

ROLL-COVER

- T With 12 inside pockets for slim tools, e.g. combination spanners or screwdrivers
- T Delivery without tools



Code	No.	W	H	/
1818228	WT 1056 9	320	350	120



WT 1056 10

KNEE PADS, PAIR

- T Made of strong synthetic leather with rubber
- T Soft lining for comfortable kneeling
- T Hook and loop fastener
- T Universal size



Code	No.	/
1818236	WT 1056 10	200

WT 1056 11

TOOL RUCKSACK PROFI

- T Practical and ergonomic arrangement of the internal and external pockets
- T Ideal for transport and storage of tools, accessories and documents
- T Strong zippers
- T Reinforced back, padded adjustable shoulder straps and additional practical handle on the top
- T Tear-resistant polyester fabric with 3M reflective stripes, suede
- T Spray-water repellent, resistant to chemical agents
- T Inured to temperature changes
- T The 3M reflective stripes provide high visibility and extra safety



Code	No.	W	H	D	/
1818244	WT 1056 11	300	400	120	2300

WT 1056 12

TOOL RUCKSACK SOFT

- T Tear-resistant polyester fabric and suede
- T Strong and watertight
- T Practical and ergonomic arrangement of the internal and external pockets
- T Ideal for transport and storage of tools, accessories and documents
- T Strong zippers
- T Padded adjustable shoulder straps and additional practical handle on the top
- T Delivery without tools



Code	No.	W	H	D	/
1818252	WT 1056 12	380	410	70	1500

WT 1056 13

TOOL VEST

- T Multifunctional tool vest with many pockets and holsters
- T Universal size with 4 lateral buckles
- T Padded pouches of different dimensions for tools and small components
- T Mobile phone holder and reinforced tab to hang a hammer
- T Wide back pouch
- T Net insert in the back for a better transpiration
- T Compartment with window for an identity card
- T Tear-resistant polyester fabric with 3M reflective stripes, suede
- T Spray-water repellent, resistant to chemical agents
- T Inured to temperature changes
- T Delivery without tools



Code	No.	W	H	/
1818260	WT 1056 13	480	660	1000

SAFETY AT WORK

923

SAFETY SPECTACLES

- T GEDORE safety spectacles with UVEX technology as per DIN EN 166:2006
- T Uncompromising safety, design and wearer comfort for continuous wear
- T Optimum adjustment to the facial features by individually adjustable arms and lens tilt.
- Additional skin-friendly soft-component pads mould to the sensitive contact areas on the nose, ears and temple
- Scratchproof, mist-proof coated lenses with "NanoClean" effect ensure clear vision and are easy to clean
- T Advantages of the different lens colours (availability depends on model):
- T No. 923-1 colourless: 100% protection against UVA, UVB and UVC radiation as per DIN EN 166 and DIN EN 170
- T No. 923-2 blue: 100% protection against UV radiation (UVA, UVB, UVC)
- T Complies with DIN EN 172 requirements for the perception of signal colours.
- T A slight bluish tint gives a very soothing effect on the human eye, aiding relaxed vision.
- T Suitable for all workplaces - without colour check.
- T Supplied in a black nylon bag



Code	No.	Execution	/	I
1959468	923-1	clear	40	1
1959484	923-2	blue	40	1



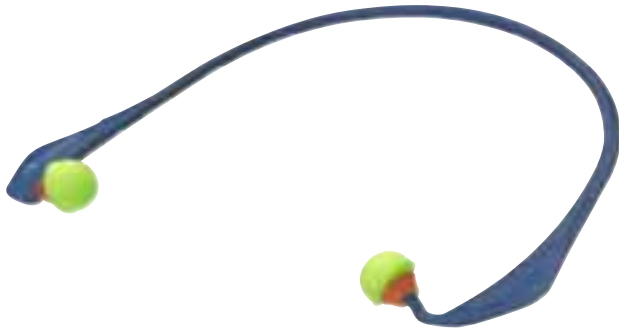
Deviant packing units see article description.



924

EAR PLUGS WITH HEAD BAND

- T Universal size
- T Ideal for off-site and short-term deployments
- T Designed for continuous noise up to 95 dB and pulsed noise up to 100 dB
- T Secure-fit headband design
- T The convex shape of the ear plugs allows them to be hygienically set down with no contact between the ear plugs and the rest
- T Lightweight - just 8 g
- T Signal yellow replacement plugs E-924, easy to fit, 5 pairs, hygienically packed



Code	No.	/	I
1959646	924	80	10
1959751	E-924	20	1

921

WORK GLOVES ORIGINAL

- T For heavy duty use
- T Retention of feel and dexterity
- T Rubber reinforced finger tips
- T Adjustable Velcro fasteners on the cuffs



Code	No.	Size	/	I
1938622	921 5	XXXS/5	70	1
1938630	921 6	XXS/6	70	1
1938649	921 7	XS/7	70	1
1938657	921 8	S/8	70	1
1938665	921 9	M/9	80	1
1938673	921 10	L/10	80	1
1938681	921 11	XL/11	90	1
1938703	921 12	XXL/12	90	1
1938711	921 13	XXXL/13	90	1

WORK GLOVES

- T Work gloves - for heavy-duty industrial wear
- T Stage 5 classification as per EN 420/03 (scale from 0 - 5)
- T Rugged imitation leather and synthetic material
- T Close fitting for retention of feel and dexterity



920

WORK GLOVES FASTFIT

- T For universal use
- T Retention of feel and dexterity
- T Kind on the skin



Code	No.	Size	/	I
1938576	920 8	S/8	70	1
1938584	920 9	M/9	70	1
1938592	920 10	L/10	80	1
1938606	920 11	XL/11	80	1
1938614	920 12	XXL/12	80	1

922

WORK GLOVES M-PACT

- T For heavy duty use
- T Retention of feel and dexterity
- T Rubber reinforced finger tips
- T Adjustable Velcro fasteners on the cuffs
- T Additional knuckle protectors
- T Ergonomic palm reinforcement



Code	No.	Size	/	I
1938738	922 8	S/8	80	1
1938746	922 9	M/9	80	1
1938754	922 10	L/10	80	1
1938762	922 11	XL/11	90	1
1938770	922 12	XXL/12	90	1

WORKWEAR

Material:

- T 100% diagonal serge, 290 g/m²
- T Extremely rugged
- T Washable up to 60°, shrink-proof as per DIN EN 26330
Active-breathing

Reinforcement:

- T 100% original "Cordura" by DuPont®, with original Teflon coating by DuPont, plain weave, approx. 310 g/m², soft finish
- T The production of Cordura involves re-spinning and weaving cut polyamide fibres to produce an extremely tear and wear resistant fabric
- T Amongst other applications, Cordura is used in the production of protective motor cycle wear and belt materials

Textile confidence with Öko-Tex Standard 100

- T Guarantees textiles that are completely safe and healthy
- T Eliminates harmful substances or, where they are indispensable, reduces their use to a minimum
- T Inspection by independent institutes



925

JACKET

- T 2 outside Cordura side pockets (black) with press stud fasteners
- T 2 breast pockets (grey) with flaps and Velcro fastening
- T Sleeve pocket (grey) on the left sleeve, with adjustable sleeve band with Velcro fastener
- T Elasticated waist band (blue)
- T Covered buttons
- T 2 golf pleats in the back (blue visible)
- T 1 left inside pocket



Code	No.	Size	/
1941887	925 42	42	780
1941895	925 44	44	780
1941909	925 46	46	780
1941917	925 48	48	780
1941925	925 50	50	890
1941933	925 52	52	890
1941941	925 54	54	890
1941968	925 56	56	1010
1941984	925 58	58	1010
1941992	925 60	60	1010
1942018	925 62	62	1210
1942026	925 64	64	1210
1942034	925 90	90	890
1942042	925 94	94	890
1942050	925 98	98	890
1942069	925 102	102	1010
1942077	925 106	106	1010
1942085	925 110	110	1010

926

TROUSERS

- T 2 inside hanging pockets with press-stud fasteners
- T 2 outside Cordura knee pockets (black)
- T Pocket slits (inside blue) and pocket flaps set off with stripes (light blue)
- T Double rule pocket on right, single rule pocket on left (both set off in blue)
- T Left thigh pocket with flap (both grey) and stripe (light blue) and with Velcro fastener
- T Elasticated waistband (cornflower blue) and inside button, together with 7 belt loops (grey)
- T 2 seat pockets with flaps (both grey) and stripe (light blue)
- T Left hammer loop (grey)
- T Brass zipper
- Hanger (grey) sewn into waistband



Code	No.	Size	/
1942093	926 42	42	740
1942107	926 44	44	740
1942115	926 46	46	740
1942123	926 48	48	740
1942131	926 50	50	850
1942158	926 52	52	850
1942166	926 54	54	850
1942174	926 56	56	980
1942182	926 58	58	980
1942190	926 60	60	980
1942204	926 62	62	1170
1942212	926 64	64	1170
1942220	926 90	90	840
1942239	926 94	94	840
1942247	926 98	98	840
1942255	926 102	102	980
1942263	926 106	106	980
1942271	926 110	110	980

927

BIB OVERALL

- T 2 inside hanging pockets with press-stud fasteners
- T 2 outside Cordura knee pockets (black)
- T Pocket slits (inside blue) and pocket flaps set off with stripes (light blue)
- T Double rule pocket on right, single rule pocket on left (both set off in blue)
- T Left thigh pocket with flap (both slate grey) and stripe (light blue) and with Velcro fastener
- T Elasticated, size-adjustable waistband (blue) with concealed press-stud
- T 2 seat pockets with flaps (both grey) and stripe (light blue)
- T Left hammer loop (grey)
- T Brass zipper
- T High back with crossover braces
- T Elasticated braces
- Safety snap fasteners on the braces



Code	No.	Size	/
1942298	927 42	42	1010
1942301	927 44	44	1010
1942328	927 46	46	1010
1942336	927 48	48	1010
1942344	927 50	50	1170
1942352	927 52	52	1170
1942360	927 54	54	1170
1942379	927 56	56	1260
1942387	927 58	58	1260
1942395	927 60	60	1260
1942409	927 62	62	1320

Code	No.	Size	/
1942417	927 64	64	1320
1942425	927 90	90	1080
1942433	927 94	94	1080
1942441	927 98	98	1080
1942468	927 102	102	1230
1942476	927 106	106	1230
1942484	927 110	110	1230

928

MEN'S WORK COAT

- T 2 outside Cordura side pockets (black) with press stud fasteners
- T 2 breast pockets (grey) with flaps and Velcro fastening
- T Sleeve pocket (grey) on the left sleeve with Velcro fastener
- T Adjustable sleeve band with Velcro fastener
- T Covered buttons
- Turn-down collar (grey)
- T 2 golf pleats in the back (blue visible)
- T 1 left inside pocket



Code	No.	Size	/
1942492	928 42	42	920
1942506	928 44	44	920
1942514	928 46	46	920
1942522	928 48	48	920
1942530	928 50	50	1130
1942549	928 52	52	1130
1942557	928 54	54	1130
1942565	928 56	56	1240
1942573	928 58	58	1240
1942581	928 60	60	1240
1942603	928 62	62	1310
1942611	928 64	64	1310
1942638	928 90	90	990
1942646	928 94	94	990
1942654	928 98	98	990
1942662	928 102	102	1020
1942670	928 106	106	1020
1942689	928 110	110	1020

929

WOMEN'S WORK COAT

- T 2 outside Cordura side pockets (black) with press stud fasteners
- T 1 left breast pocket (grey) with flaps and Velcro fastening
- T Covered buttons
- Turn-down collar (grey)
- T 2 golf pleats in the back (blue visible)
- T 1 left inside pocket



Code	No.	Size	/
1942697	929 36	36	670
1942700	929 38	38	670
1942719	929 40	40	760
1942727	929 42	42	760
1942735	929 44	44	760
1942743	929 46	46	760
1942751	929 48	48	760
1942778	929 50	50	870
1942786	929 52	52	870
1942794	929 54	54	870

930

WORK VEST

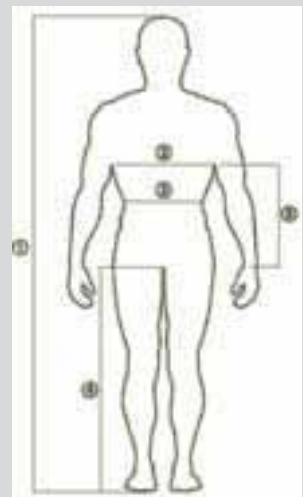
- T 2 outside Cordura side pockets (black) with press stud fasteners
- T 2 breast pockets (grey) with flaps and Velcro fastening
- T Elasticated waist band (blue)
- T Covered buttons
- Turn-down collar (grey)
- T 2 golf pleats in the back (blue visible), 1 left inside pocket



Code	No.	Size	/
1942808	930 XS	XS	610
1942816	930 S	S	610
1942824	930 M	M	610
1942832	930 L	L	660
1942840	930 XL	XL	660
1942859	930 XXL	XXL	660
1942867	930 XXXL	XXXL	730
1942875	930 XXXXL	XXXXL	730

Protective workwear Size table in heights

	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70
Normal build																	
1. Height	156	160	164	168	171	174	177	180	182	184	186	188	190	192	194	196	198
2. Chest	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140
3. Waist	64	68	72	76	80	84	88	92	98	102	108	114	120	126	132	138	144
4. Inside leg	71	72	73	74	76	78	79	80	81	82	83	84	84	85	86	87	88
5. Front sleeve length	40	41	42	43	44	45	46	47	47,5	48	48,5	49	49	49,5	50	50,5	51
Large build																	
1. Height	170	172	174	176	178	179	180	181	182	183							
2. Chest	100	104	108	112	116	120	124	128	132	136							
3. Waist	104	110	114	120	124	130	134	138	142	148							
4. Inside leg	74	75	76	78	79	80	81	82	83	84							
5. Front sleeve length	46	47	47,5	48	48,5	49	49	49,5	49,5	50							
Slim build																	
1. Height	177	180	183	186	188	190	192	194									
2. Chest	88	92	96	100	104	108	112	116									
3. Waist	76	80	84	88	92	96	100	104									
4. Inside leg	79	80	81	82	83	84	85	86									
5. Front sleeve length	46	47	48	49	49,5	50	50,5	51									
Stocky build																	
1. Height	168	171	174	176	178	180	182										
2. Chest	96	100	104	108	112	116	120										
3. Waist	88	92	96	100	106	110	114										
4. Inside leg	74	76	77	78	79	80	81										
5. Front sleeve length	44	45	45,5	46	46,5	47	47,5										





GEDORE

CONTROLLED SAFETY SECURE PRECISION JOINTS

OVERVIEW

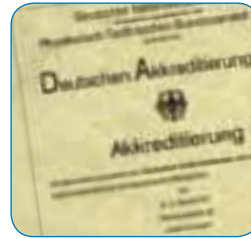
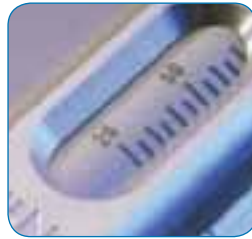
- † Torque tester and equipment
- † Torque multipliers
- † Torque angle indicators
- † Special DREMO tools
- † DREMOMETER range
- † Torque screwdrivers
- † Torque wrenches
- † Electronic torque tester







OUR SERVICE - QUALIFIED AND CUSTOMISED



T Our repair service will repair your RAHSOL/GEDORE torque wrenches within 5-7 working days. On request, we will of course provide you with replacement tools - for a small fee.

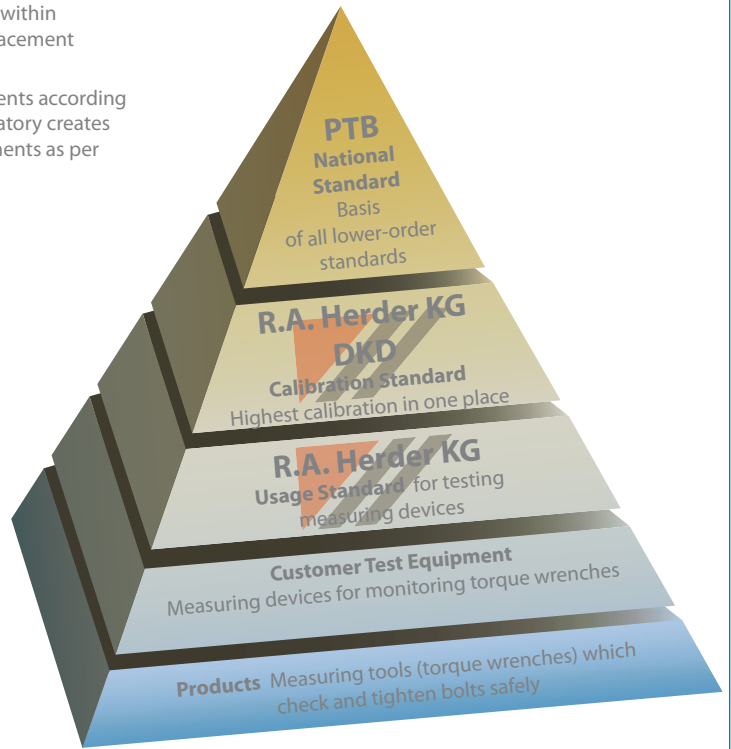
T Our reasonably-priced factory calibration service fulfills the requirements according to DIN EN ISO 6789. Our proprietary accredited DKD calibration laboratory creates certificates in accordance with the applicable standards and requirements as per DKD 3-7 and DKD 3-8 as well as DIN EN ISO 6789:2003.

OUR FACTORY CALIBRATION SERVICE WITH INSPECTION CERTIFICATE TO INDUSTRY STANDARD

All our own branded mechanical torque wrenches will be calibrated and adjusted in our factory. Each calibrated torque wrench will be provided with an inspection certificate.

The affixed works calibration mark provides an indicator of tested safety (month/year) at a glance. The mark will serve to support your inspection equipment monitoring.

We recommend an annual verification of your torque wrenches. Remember that the verification interval can be shorter if you reach the 5000 load cycles earlier on account of more intensive use.



SERVICE CONCEPT

We have developed a new, customer-orientated service concept. A service flyer, with associated advice sheet gives you all the information you need about our services and procedure at a glance. Or simply visit us on the Internet at www.gedore.de. Our service flyer, including advice sheet, can be downloaded from the site.

SERVICE AT A GLANCE



TECHNICAL FIELD SERVICE

Make use of our qualified advice to solve your technical problems, via telephone or on-site during work. We will willingly assist you in making your choice of the most suitable tool - from standard solutions up to and including customised manufacture for specific uses. Product training courses and presentations are also included in our service offering as is assistance at your company exhibitions.

WE HELP YOU AT ANY TIME...



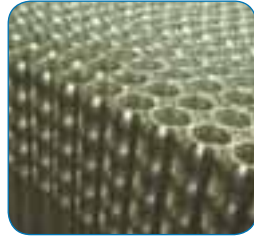
SERVICE-TELEPHONE

Between 7.30 a.m. and 4.30 p.m., our customer service operators will answer all your questions about products, including technical enquiries, fast and efficiently.

Hotline: +49 (0) 1804 37 36 68

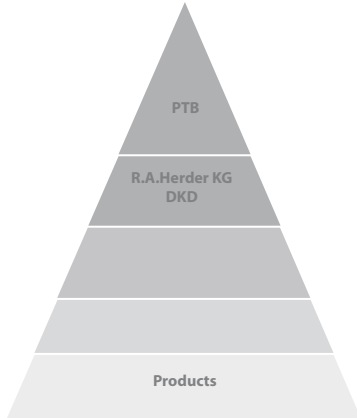
INSTANT HELP ON THE SERVICE-TELEPHONE





DKD CALIBRATION WITH 100% SAFETY

DKD calibration - 100% documented safety



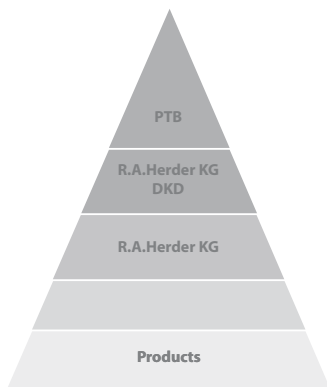
- T Direct traceability to the national standard
- T DKD calibration as per DKD guidelines 3-7 / 3-8 / DIN EN ISO 6789
- T Minimum measurement inaccuracies
- T DKD calibration of our own products and those of other manufacturers
- T Air-conditioned laboratory controls under the most stringent conditions
- T DKD calibration certificate and DKD calibration stamp

DKD CALIBRATION

TEST SUBJECT	TEST DEVICE	TEST RESULT
Mech. torque wrench 0,2-1.000 N · m	PTB 1%	DKD DIN EN ISO 6789
Electr. torque wrench 2-1.000 N · m	PTB 0,2%	DKD DKD-R 3-7
Torque testers 2-1.000 N · m	PTB 0,2%	DKD DKD-R 3-8

FACTORY CALIBRATION - SOLID RELIABILITY!

We give you the security you need



- T Direct traceability to the national standard
- T Calibration according to the standard DIN EN ISO 6789
- T Calibration if necessary with adjustments and repairs - for RAHSOL/GEDORE products only
- T Test certificate and calibration stamp

Calibration

TEST SUBJECT	TEST DEVICE	TEST RESULT
Mech. torque wrench 0,2-1.000 N · m	 0,2-1.000 N · m	DIN EN ISO 6789 Weitskalibriert 72099 Richard Abr. Herder KG RAHSOL Factory Calibration
Electr. torque wrench 2-1.000 N · m	 2-1.000 N · m	 DIN EN ISO 6789
Torque testers 2-1.000 N · m	 2-1.000 N · m	

REMARK

The creation of a test certificate in accordance with R. A. Herder KG criteria, as well as adjustment and repair, is only possible for torque wrenches and torque testers made by R. A. Herder KG. Depending on requirements and on the customer's wishes, we will calibrate in accordance with DKD guidelines or according to RAHSOL criteria.





DREMOMETER

Torque wrench made of high-strength aluminium alloy



DREMOMETER - PERMANENT PRECISION

Drive in accordance with application: DREMOMETERS are available for a large variety of areas of application in the area of controlled screw tightening. The single square drive for controlled clockwise tightening or the double square drive (L) for controlled bi-directional tightening. Special utilisation areas for DREMOMETER with angular tightening (W), spigot end (Z) and rectangular cavity (SE) particularly for hand-to-access locations and where space problems are the case. All DREMOMETER models have separate ratchet heads. And there are good reasons for that: It is possible to work with or without the ratchet head function as desired.

4 Lightweight and pleasant: The aluminium housing and the ergonomically designed handgrip enable simple and safe operation over wide tightening ranges.

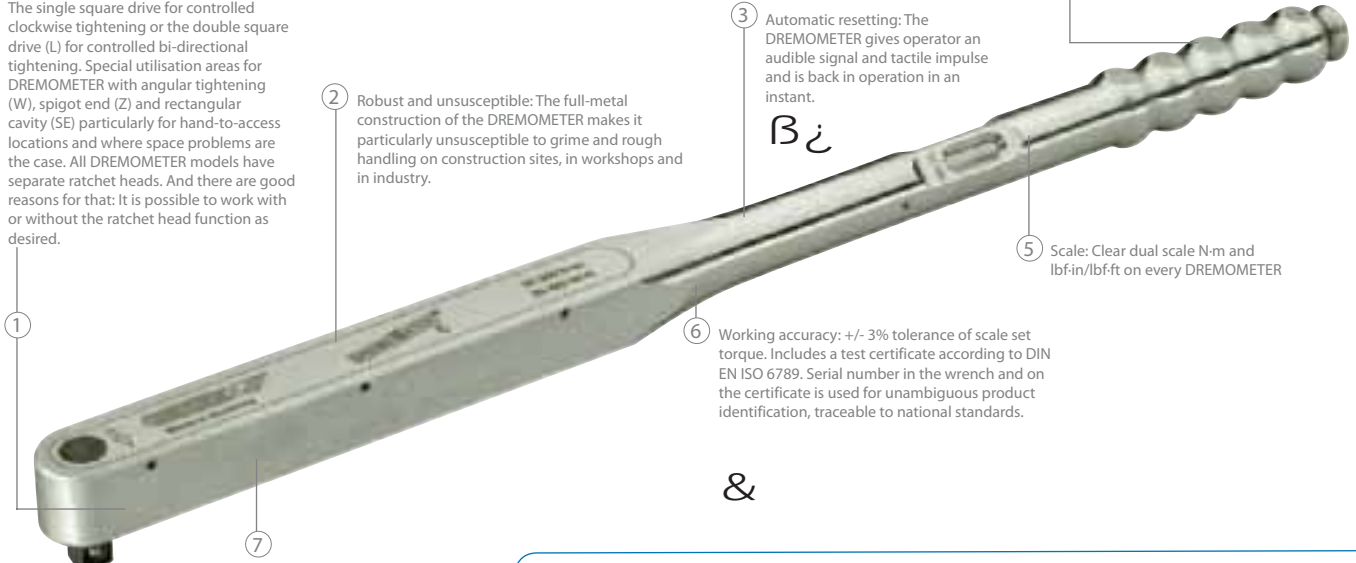
3 Automatic resetting: The DREMOMETER gives operator an audible signal and tactile impulse and is back in operation in an instant.

2 Robust and unsusceptible: The full-metal construction of the DREMOMETER makes it particularly unsusceptible to grime and rough handling on construction sites, in workshops and in industry.

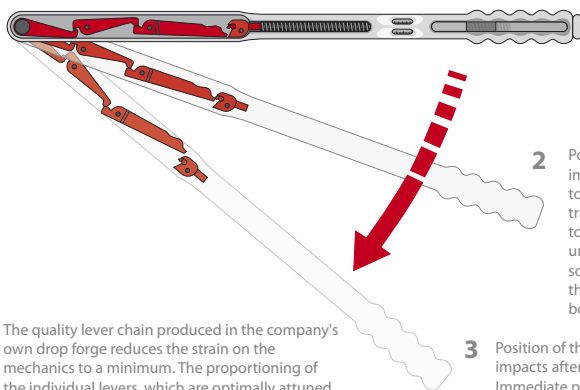
5 Scale: Clear dual scale N-m and lbf-in/lbf-ft on every DREMOMETER

6 Working accuracy: +/- 3% tolerance of scale set torque. Includes a test certificate according to DIN EN ISO 6789. Serial number in the wrench and on the certificate is used for unambiguous product identification, traceable to national standards.

7 Maximum precision: Extended tool life and long life cycle even if used intensely over a long period.



WORKING PRINCIPLE



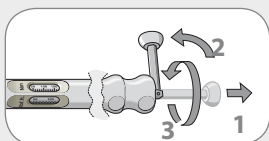
1 Position of the lever chain without impact of force (in starting position).

2 Position of the lever chain with impact of force before the set torque is achieved. The force is transferred from the primary lever to the intermediary and final lever until the final lever slips past the so-called release lever through the sliding back of the angle-lever body.

3 Position of the lever chain when the force impacts after the torque setting is achieved. Immediate position after the clear tactile impulse and audible signal "click". On relief, the lever chain moves back into the starting position (1).

The quality lever chain produced in the company's own drop forge reduces the strain on the mechanics to a minimum. The proportioning of the individual levers, which are optimally attuned to each other, gives the DREMOMETER its unique precision and its long tool life.

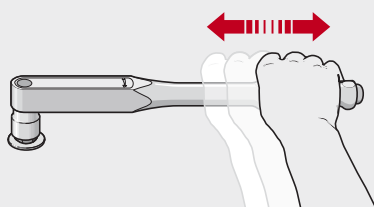
TECHNOLOGY



Setting of the torque value to N-m or alternatively to lbf-in / lbf-ft by the non-losable hexagon key in the handgrip. The smooth-running mechanism enables the setting to be made quickly without significant force needing to be applied. All DREMOMETERS are also available with locking and safety device (A+S).

DREMOMETER TYPE MINI - F

Operable without inaccuracies



Irrespective of where you apply the force - whether it be at the centre of the handgrip or at another part of the DREMOMETER, with both hands or using extension tube - your torque setting will always be attained precisely - without shifts in value. By virtue of the unique single-axis location of the centre of rotation and the output square drive, the DREMOMETER is a tool which can be operated free from errors. By contrast to conventional torque wrenches, this single lever enables tightening to take place without shifts in the measured value and without interfering with the precision caused by activation outside of the handgrip. (However, bear possible shifts in value in mind when activating the DREMOMETER with special spanners or in general in the case of spanners having different depth gauges.)



MECHANICAL TORQUE WRENCHES

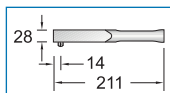
DREMOMETER MINI-F

753

DREMOMETER MINI 2-12 N-m / 18-106 lbf-in

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Lightweight plastic casing, made from high-grade, glass-fibre reinforced polyamide, with soft-grip handle
- T Dual scale with a scale graduation of 0.5 N-m and 5 lbf-in
- T Micrometer scale graduations of 0.05 N-m
- T Window with a magnifying-glass effect

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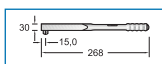
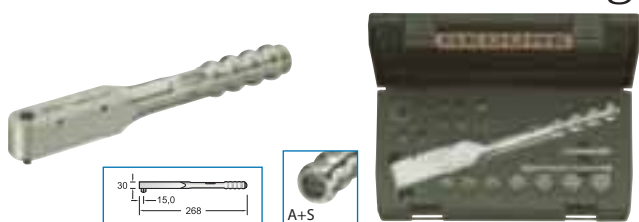
Code	No.	Type	Inclusion	/
1957694	753-11	MINI) in plastic box	253
1957708	753-12	MINI	' in plastic cassette	628
1957724	753-13	MINI	(Set mm 1 4 5 5,5 6 7 8 9 10 ; 1 2 3 ? 4 5,5 6,5 5 3 4 5 6 7 T20 T27 T30 & 754-00 ' 55 + 97 mm 2098	968
1957732	753-14	MINI	(Set INCH 1 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16" ; 1 2 3 ? 4 5,5 6,5 5 3 4 5 6 7 T20 T27 T30 & 754-00 ' 55 + 97 mm 2098	968

8554 - 8559 AM

DREMOMETER 6-30 N-m / 50-270 lbf-in

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 1/4" single square drive for controlled clockwise tightening (type AM No. 8554) or double square drive for bi-directional tightening (type AML No. 8559)
- T If ordering with pre-set-value locking and safety device (type AM/AML A+S No. 7554/7559), please specify the N-m value - if fixed factory-pre-setting is desired

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Code	No.	Type	Inclusion	/
7775440	8554-01	s AM	! in plastic box	580
7775870	8559-01	t AML	! in plastic box	580
1210891	7554-01	s AM A+S	! in plastic box, with pre-set-value locking and safety device	580
1210904	7559-01	t AML A+S	! in plastic box, with pre-set-value locking and safety device	580
7674090	8554-02	s AM	" in plastic cassette	910
7673790	8559-02	t AML	" in plastic cassette	910
7674170	8554-03	s AM	# Set mm 1 8 9 10 11 12 13 14 ; 3 ? 5,5 5 4 5 6 8 7 T20 T27 T30 & 754-00 ' 55 + 97 mm	1300
7675060	8559-03	t AML	# Set mm 1 8 9 10 11 12 13 14 ; 3 ? 5,5 5 4 5 6 8 7 T20 T27 T30 & 754-00 ' 55 + 97 mm	1300
7674410	8554-04	s AM	# Set INCH 1 9/32 5/16 11/32 3/8 7/16 1/2 9/16 ; 3 ? 5,5 5 4 5 6 8 7 T20 T27 T30 & 754-00 ' 55 + 97 mm	1300
7675140	8559-04	t AML	# Set INCH 1 9/32 5/16 11/32 3/8 7/16 1/2 9/16 ; 3 ? 5,5 5 4 5 6 8 7 T20 T27 T30 & 754-00 ' 55 + 97 mm	1300

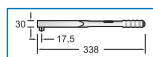
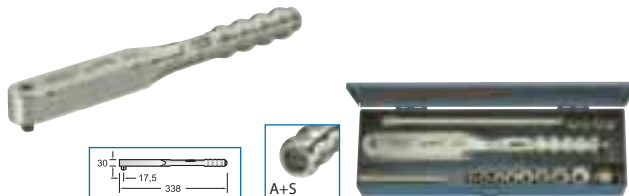
Deviant packing units see article description.

8560 - 8565 A

DREMOMETER 8-40 N-m / 70-350 lbf-in

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 3/8" single square drive for controlled clockwise tightening (type A No. 8560) or double square drive for bi-directional tightening (type AL no. 8565)
- T If ordering with pre-set-value locking and safety device (type A/AL A+S no. 7560/7565), please specify the N-m value - if fixed factory-pre-setting is desired

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Code	No.	Type	Inclusion	O
7682000	8560-01	s A	! in plastic box	1.0
7682190	8565-01	t AL	! in plastic box	1.0
7708920	7560-01	s A A+S	! in plastic box, with pre-set-value locking and safety device	1.0
1210939	7565-01	t AL A+S	! in plastic box, with pre-set-value locking and safety device	1.0
7682270	8560-02	s A	" in a sheet-metal case	2.2
7682350	8565-02	t AL	" in a sheet-metal case	2.2
7682430	8560-03	s A	# Set mm 1 8 10 11 13 14 15 17 19 5 4 5 6 8 & 754-01 ' 125 + 250 mm	3.1
7682940	8565-03	t AL	# Set mm 1 8 10 11 13 14 15 17 19 5 4 5 6 8 & 754-01 ' 125 + 250 mm	3.1
7683160	8560-04	s A	# Set INCH 2 3/8 7/16 1/2 9/16 19/32 5/8 11/16 5 1/4 5/16 3/8 & 754-01 ' 125 + 250 mm	3.0
7683240	8565-04	t AL	# Set INCH 2 3/8 7/16 1/2 9/16 19/32 5/8 11/16 5 1/4 5/16 3/8 & 754-01 ' 125 + 250 mm	3.0

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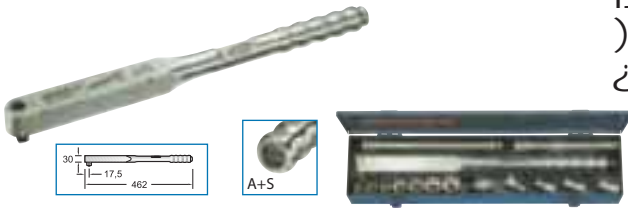
- T On request, all torque wrenches can be factory pre-set.
- T When ordering, please specify the N-m value.
- T Pre-setting



8561 - 8566 B

DREMOMETER 20-120 N-m / 15-90 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 1/2" single square drive for controlled clockwise tightening (type B no. 8561) or double square drive for bi-directional tightening (type BL no. 8566)
- T If ordering with pre-set-value locking and safety device (type B/BL A+S no. 7561/7566), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

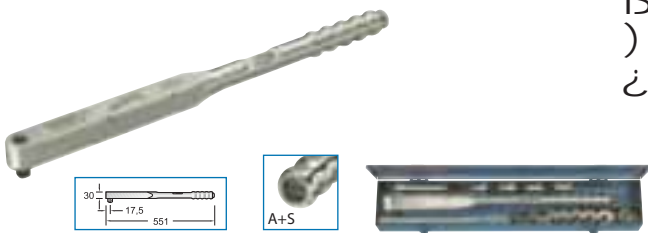


Code	No.	Type	Inclusion	Ø
7683320	8561-01	s B	! in plastic box	1.5
7683400	8566-01	t BL	! in plastic box	1.5
7709060	7561-01	s B A+S	! in plastic box, with pre-set-value locking and safety device	1.5
1210947	7566-01	t BL A+S	! in plastic box, with pre-set-value locking and safety device	1.5
7683830	8561-02	s B	" in a sheet-metal case	2.8
7684130	8566-02	t BL	" in a sheet-metal case	2.8
7684480	8561-03	s B	# Set mm 1 11 13 14 17 19 22 24 5 6 8 10 12 & 754-02 ' 76 + 125 + 250 mm	4.7
7684640	8566-03	t BL	# Set mm 1 11 13 14 17 19 22 24 5 6 8 10 12 & 754-02 ' 76 + 125 + 250 mm	4.7
7684990	8561-04	s B	# Set INCH 2 7/16 1/2 9/16 19/32 5/8 11/16 3/4 25/32 13/16 7/8 15/16 1" 5 5/16 3/8 1/2" & 754-02 ' 76 + 125 + 250 mm	5.3
7685100	8566-04	t BL	# Set INCH 2 7/16 1/2 9/16 19/32 5/8 11/16 3/4 25/32 13/16 7/8 15/16 1" 5 5/16 3/8 1/2" & 754-02 ' 76 + 125 + 250 mm	5.3

8573 - 8578 BC

DREMOMETER 40-200 N-m / 30-150 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 1/2" single square drive for controlled clockwise tightening (type BC no. 8573) or double square drive for bi-directional tightening (type BCL no. 8578)
- T If ordering with pre-set-value locking and safety device (type BC/BCL A+S no. 7573/7578), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

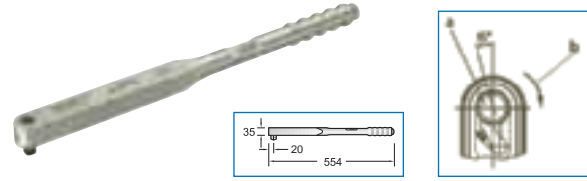


Code	No.	Type	Inclusion	Ø
7685530	8573-00	s BC	! in plastic box	1.4
7683670	8578-00	t BCL	! in plastic box	1.3
1211013	7573-00	s BC A+S	! in plastic box, with pre-set value locking and safety device	1.4
1427113	7578-00	t BCL A+S	! in plastic box, with pre-set value locking and safety device	1.3
7683590	8573-02	s BC	" in a sheet-metal case	3.5
7683750	8578-02	t BCL	" in a sheet-metal case	3.5
7683910	8573-03	s BC	# Set mm 1 11 13 14 17 19 21 22 24 27 5 6 8 10 12 & 754-02 ' 125 + 250 mm	5.1
7684050	8578-03	t BCL	# Set mm 1 11 13 14 17 19 21 22 24 27 5 6 8 10 12 & 754-02 ' 125 + 250 mm	5.1
7684720	8573-04	s BC	# Set INCH 2 1/2 9/16 5/8 11/16 3/4 13/16 7/8" 5 5/16 3/8 1/2 9/16" & 754-02 ' 125 + 250 mm	4.9
7684210	8578-04	t BCL	# Set INCH 2 1/2 9/16 5/8 11/16 3/4 13/16 7/8" 5 5/16 3/8 1/2 9/16" & 754-02 ' 125 + 250 mm	4.9

8573-10 BCK

DREMOMETER 40-200 N-m / 30-150 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With integrated ratchet with 1/2" square drive for controlled clockwise tightening
- T a = integrated ratchet
- T b = clockwise tightening



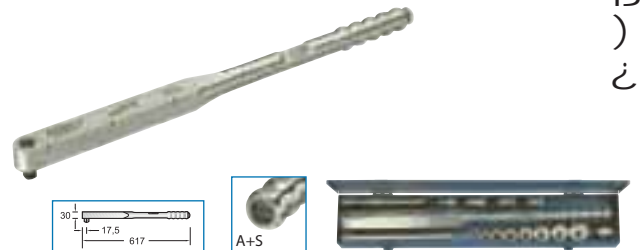
Code	No.	Type	Inclusion	Ø
1905449	8573-10	s BCK	! in plastic box	1.4



8562 - 8567 C

DREMOMETER 50-300 N-m / 35-220 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 1/2" single square drive for controlled clockwise tightening (type C no. 8562) or double square drive for bi-directional tightening (type C no. 8567)
- T If ordering with pre-set-value locking and safety device (type C/CL A+S no. 7562/7567), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)



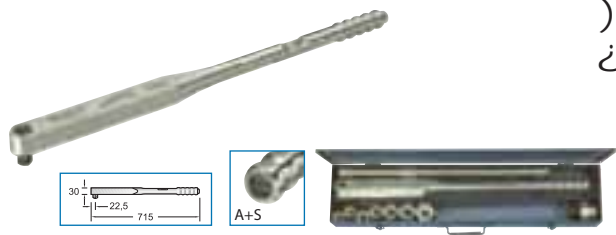
Code	No.	Type	Inclusion	Ø
7685450	8562-10	s C	! in plastic box	2.0
7685960	8567-10	t CL	! in plastic box	2.0
7709650	7562-10	s C A+S	! in plastic box, with pre-set-value locking and safety device	2.0
1210955	7567-10	t CL A+S	! in plastic box, with pre-set-value locking and safety device	2.0
7686340	8562-20	s C	" in a sheet-metal case	3.6
7686690	8567-20	t CL	" in a sheet-metal case	3.6
7687070	8562-30	s C	# Set mm 1 17 19 22 24 27 30 32 5 8 10 12 14 & 754-02 ' 76 + 125 + 250 mm	6.0
7687310	8567-30	t CL	# Set mm 1 17 19 22 24 27 30 32 5 8 10 12 14 & 754-02 ' 76 + 125 + 250 mm	6.0
7687820	8562-40	s C	# Set INCH 2 3/4 25/32 13/16 7/8 15/16 1" 1.1/16 1.1/8 1.1/4" 5 3/8 1/2 9/16 5/8" & 754-02 ' 76 + 125 + 250 mm	6.2
7688120	8567-40	t CL	# Set INCH 2 3/4 25/32 13/16 7/8 15/16 1" 1.1/16 1.1/8 1.1/4" 5 3/8 1/2 9/16 5/8" & 754-02 ' 76 + 125 + 250 mm	6.2



8570 - 8575 CD

DREMOMETER 80-360 N-m / 60-260 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 3/4" single square drive for controlled clockwise tightening (type CD no. 8570) or double square drive for bi-directional tightening (type CDL no. 8575)
- T If ordering with pre-set-value locking and safety device (type CD/CDL A+S no. 7574/7575), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)



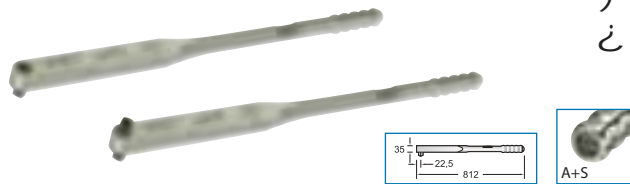
Code	No.	Type	Inclusion	Ø
7688470	8570-10	s CD	! in cardboard packaging	2.4
7688710	8575-10	t CDL	! in cardboard packaging	2.4
1210998	7570-10	s CD A+S	! in cardboard packaging, with pre-set-value locking and safety device	2.4
1211021	7575-10	t CDL A+S	! in cardboard packaging, with pre-set-value locking and safety device	2.4
7689280	8570-20	s CD	" in a sheet-metal case	6.2
7689520	8575-20	t CDL	" in a sheet-metal case	6.2
7689950	8570-30	s CD	# Set mm 1 19 22 24 27 30 32 & 754-04 ' 200 + 400 mm	11.0
7690290	8575-30	t CDL	# Set mm 1 19 22 24 27 30 32 & 754-04 ' 200 + 400 mm	11.0
7690530	8570-40	s CD	# Set INCH 2 7/8 15/16 1" 1.1/8 1.1/4 1.3/8 1.1/2 1.5/8" & 754-04 ' 200 + 400 mm	11.3
7691180	8575-40	t CDL	# Set INCH 2 7/8 15/16 1" 1.1/8 1.1/4 1.3/8 1.1/2 1.5/8" & 754-04 ' 200 + 400 mm	11.3



8574 - 8579 DS

DREMOMETER 110-550 N-m / 80-400 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 3/4" single square drive for controlled clockwise tightening (type DS no. 8574) or double square drive for bi-directional tightening (type DSL no. 8579)
- T If ordering with pre-set-value locking and safety device (type DS/DSL A+S no. 7574/7579), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)



Code	No.	Type	Inclusion	Ø
1427156	8574-10	s DS	! in cardboard packaging	2.9
1427121	8579-10	t DSL	! in cardboard packaging	2.9
1427164	7574-10	s DS A+S	! in cardboard packaging, with pre-set-value locking and safety device	2.9
1427148	7579-10	t DSL A+S	! in cardboard packaging, with pre-set-value locking and safety device	2.9
1436112	8574-20	s DS	" in a sheet-metal case	6.7
1436120	8579-20	t DSL	" in a sheet-metal case	6.7

8563 - 8568 D

DREMOMETER 140-760 N-m / 100-560 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 3/4" single square drive for controlled clockwise tightening (type D no. 8563) or double square drive for bi-directional tightening (type DL no. 8568)
- T If ordering with pre-set-value locking and safety device (type D/DL A+S no. 7563/7568), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

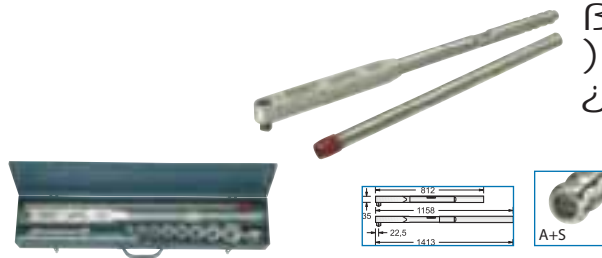


Code	No.	Type	Inclusion	Ø
7691500	8563-10	s D	! in cardboard packaging	3.2
7691850	8568-10	t DL	! in cardboard packaging	3.2
1210921	7563-10	s D A+S	! in cardboard packaging, with pre-set-value locking and safety device	3.2
1210971	7568-10	t DL A+S	! in cardboard packaging, with pre-set-value locking and safety device	3.2
7692070	8563-20	s D	" in a sheet-metal case	7.7
7692310	8568-20	t DL	" in a sheet-metal case	7.7
7692660	8563-30	s D	# Set mm 1 22 24 27 30 32 36 41 46 & 754-04 ' 200 + 400 mm	13.6
7692900	8568-30	t DL	# Set mm 1 22 24 27 30 32 36 41 46 & 754-04 ' 200 + 400 mm	13.6
7693200	8563-40	s D	# Set INCH 2 1" 1.1/8 1.1/4 1.5/16 1.3/8 1.7/16 1.1/2 1.5/8 1.3/4 1.13/16 1.7/8 2" & 754-04 ' 200 + 400 mm	13.3
7693550	8568-40	t DL	# Set INCH 2 1" 1.1/8 1.1/4 1.5/16 1.3/8 1.7/16 1.1/2 1.5/8 1.3/4 1.13/16 1.7/8 2" & 754-04 ' 200 + 400 mm	13.3

8563 - 8568 DR

DREMOMETER 140-760 N-m / 100-560 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 3/4" single square drive for controlled clockwise tightening (type DR no. 8563) or double square drive for bi-directional tightening (type DRL no. 8568)
- T If ordering with pre-set-value locking and safety device (type DR/DRL A+S no. 7563/7568), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)



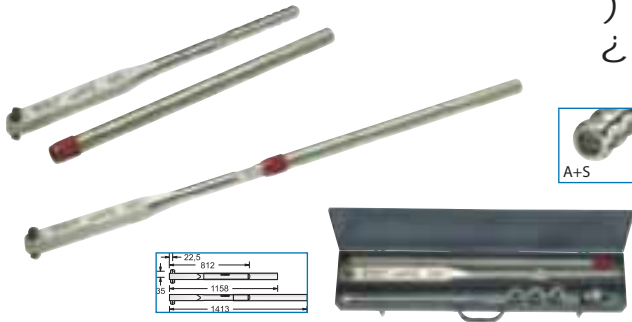
Code	No.	Type	Inclusion	Ø
7670180	8563-01	s DR	! in cardboard packaging with extension tube	5.0
7670500	8568-01	t DRL	! in cardboard packaging with extension tube	5.0
1210912	7563-01	s DR A+S	! in cardboard packaging with extension tube, with pre-set-value locking and safety device	5.0
1210963	7568-01	t DRL	! in cardboard packaging with extension tube, with pre-set-value locking and safety device	5.0
7670260	8563-02	s DR	" in a sheet-metal case with extension tube	8.8
7670690	8568-02	t DRL	" in a sheet-metal case with extension tube	8.8
7670340	8563-03	s DR	# Set mm 1 22 24 27 30 32 36 41 46 & 754-04 ' 200 + 400 mm	14.4
7670770	8568-03	t DRL	# Set mm 1 22 24 27 30 32 36 41 46 & 754-04 ' 200 + 400 mm	14.4
7670420	8563-04	s DR	# Set INCH 2 1" 1.1/8 1.1/4 1.5/16 1.3/8 1.7/16 1.1/2 1.5/8 1.3/4 1.13/16 1.7/8 2" & 754-04 ' 200 + 400 mm	16.7
7670850	8568-04	t DRL	# Set INCH 2 1" 1.1/8 1.1/4 1.5/16 1.3/8 1.7/16 1.1/2 1.5/8 1.3/4 1.13/16 1.7/8 2" & 754-04 ' 200 + 400 mm	16.7



8568 DR-LKW

DREMOMETER 140-760 N-m / 100-560 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 3/4" double square drive for bi-directional tightening (type DRL no. 8568) with aluminium extension tube in a special truck set
- T Aluminium extension tube can be adjusted stepless (lever length of 1052-1306 mm)



Code	No.	Type	Inclusion	Ø
7670930	8568-35	t DR-LKW	# Set mm 1 27 30 32 & 754-04 400 mm	12.3

EXTENSION TUBES FOR DREMOMETER DR - F + W

- T Spare extension tube for torque wrench series DREMOMETER DR - F and DXZ
- T To enable high torque values by means of extending the lever arm
- T Extension tubes 8572-74 / 8564-92 / 8564-40 made from high-grade, galvanised steel
- T Extension tube 8571-80 made from high-grade aluminium with anodised locknuts - extremely lightweight

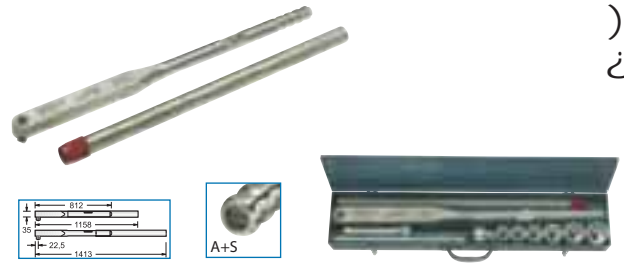


Code	No.	Ø
7622020	8572-74 Extension tube for DREMOMETER F	745 3.6
1686313	8571-80 Extension tube ALU for DREMOMETER DX/DR	772 0.8
7621720	8564-92 Extension tube for DREMOMETER E/F	925 3.4
7621640	8564-40 Extension tube for DREMOMETER E	400 2.3

8571 - 8576 DX

DREMOMETER 520-1000 N-m / 380-730 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 3/4" single square drive for controlled clockwise tightening (type DX no. 8571) or double square drive for bi-directional tightening (type DXL no. 8576)
- T If ordering with pre-set-value locking and safety device (type DX/DXL A+S no. 7571/7576), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)



Code	No.	Type	Inclusion	Ø
7694010	8571-01	s DX	! in cardboard packaging with extension tube	5.6
7694360	8576-01	t DXL	! in cardboard packaging with extension tube	5.6
1211005	7571-01	s DX A+S	! in cardboard packaging with extension tube, with pre-set-value locking and safety device	5.6
1211048	7576-01	t DXL A+S	! in cardboard packaging with extension tube, with pre-set-value locking and safety device	5.6
7694520	8571-02	s DX	" in a sheet-metal case with extension tube	10.0
7694600	8576-02	t DXL	" in a sheet-metal case with extension tube	10.0
7694870	8571-03	s DX	# Set mm 1 30 32 36 41 46 50 & 754-04 ' 200 + 400 mm	16.8
7694950	8576-03	t DXL	# Set mm 1 30 32 36 41 46 50 & 754-04 ' 200 + 400 mm	16.8
7695170	8571-04	s DX	# Set INCH 2 1.1/8 1.1/4 1.3/8 1.1/2 1.3/4 1.7/8" & 754-04 ' 200 + 400 mm	16.0
7695330	8576-04	t DXL	# Set INCH 2 1.1/8 1.1/4 1.3/8 1.1/2 1.3/4 1.7/8" & 754-04 ' 200 + 400 mm	16.0

8564 - 8569 E

DREMOMETER SET 750-2000 N-m

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T With 1" single square drive for controlled clockwise tightening (type E no. 8564) or double square drive for bi-directional tightening (type EL no. 8569)
- T If ordering with pre-set-value locking and safety device (type E/EL A+S no. 7564/7569), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)



Code	No.	Type	Inclusion	Ø
7695250	8564-01	s E	! in cardboard box with 2 extension tubes	11.6
7695410	8569-01	t EL	! in cardboard box with 2 extension tubes	11.6
1547232	7564-01	s E A+S	! in cardboard box with 2 extension tubes, with pre-set-value locking and safety device	11.6
1547240	7569-01	t EL A+S	! in cardboard box with 2 extension tubes, with pre-set-value locking and safety device	11.6
7695680	8564-02	s E	" in a sheet-metal case with 2 extension tubes	24.3
7695840	8569-02	t EL	" in a sheet-metal case with 2 extension tubes	24.3
7696060	8564-03	s E	# Set mm 2 36 41 46 50 55 60 65 70 & 754-06 ' 200 + 400 mm	42.4
7696140	8569-03	t EL	# Set mm 2 36 41 46 50 55 60 65 70 & 754-06 ' 200 + 400 mm	42.4



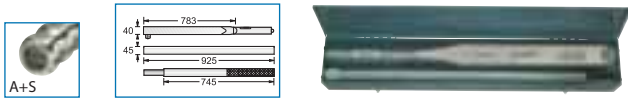


8572 F

DREMOMETER 1500-3000 N-m

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T Extension tubes (no. 8564-92/8572-74) with max. lever length of 2313 mm
- T If ordering with pre-set-value locking and safety device (type F A+S no. 7572), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

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Code	No.	Type	Inclusion	Q
7717160	8572-01	S F	! in cardboard packaging with 2 extension tubes	13.2
1547259	7572-01	S FA+S	! in cardboard packaging with 2 extension tubes with pre-set-value locking and safety device	13.2
7717240	8572-02	S F	" in a sheet-metal case with 2 extension tubes	24.0



754

RATCHET HEADS DREMOMETER

- T Fine-pitched, sturdy ratchet head
- T Clockwise models (no. 754-00 to -06)
- T Counter-clockwise models (no. 754-11 to -16)
- T Made of chrome-vanadium steel

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Code	No.	Q*	a*	l	A°	Use	/
7680490	754-00	1/4	1/4	24	18,0	MINI, AM	54
7680570	754-01	3/8	3/8	35	20,0	A	150
7680650	754-02	1/2	1/2	46	7,5	B, BC, C	350
7680730	754-04	3/4	3/4	65	10,0	CD, DS, D, DR, DX	1000
7680810	754-06	1	1	73	10,0	E	2500
7686770	754-11	3/8	3/8	35	20,0	AL	150
7686850	754-12	1/2	1/2	46	7,5	BL, BCL, CL	350
7686930	754-14	3/4	3/4	65	10,0	CDL, DSL, DL, DRL, DXL	1000
7687150	754-16	1	1	73	10,0	EL	1800

Deviant packing units see article description.

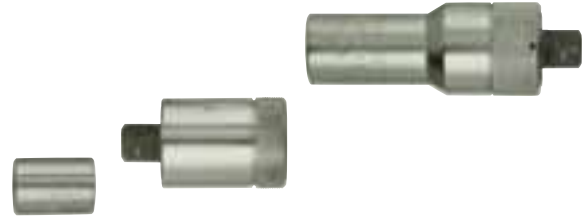
TORQUE LIMITERS

8100 - 8116

TORQUE LIMIT UNIT 3/8"

- T No. 8116 - Sparking-plug socket with built-in torque limit unit
- T No. 8100 - Torque limiting adaptor for torque control with sparking-plug sockets. Fits with 3/8" female square drives
- T All models of the torque limiting adaptors are available with a factory pre-set torque value in the range of 8-25 N-m (price on request)

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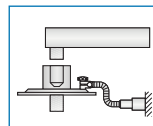
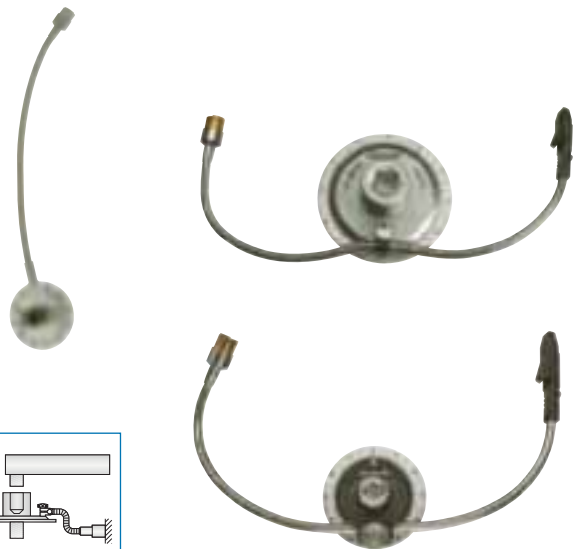
Code	No.	a / Q	N-m /
7717830	8116-18	3/8" a / 16 1	18 200
7717910	8100-18	3/8" a / 3/8" Q	18 150
7717670	774-00	3/8" Q / 3/8" Q	30
	Adaptor 3/8"		

8200

TORQUE ANGLE INDICATOR

- T For additional precise angle tightening (0-360°)
- T No. 8200-01/-02 models with sliding magnetic and gripping arm
- T No. 8200-11 only with magnetic arm - simple design
- T To operate with a suitable torque wrench
- T The maximum output of the torque wrench must not be passed

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Code	No.	a*	a	l	A°	/
1195980	8200-01	1/2	12.5	80	0-360	330
7718480	8200-11	1/2	12.5	82	0-360	330
7716510	8200-02	3/4	20.0	120	0-360	530

Detailed information on products, promotions and trade fairs

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DREMOMETER W

TECHNICAL INFORMATION ANGULAR TIGHTENING

T For activation with torque angle measurement, set the DREMOMETER to the stipulated setting torque. Loosen the lamping screw on the flexible rod and place the magnet firmly onto the metallic surface or securely affix the claw to the other end of the flexible spindle. In the process, bend the rod into place and firmly re-tighten the clamping screw. Slowly and evenly pull through the DREMOMETER until the "click" is heard. The proper resting position of the screw on the surface (setting torque) has now been reached. Now, hold the DREMOMETER in this position and set the angle-disc to the desired angle. Pull it further until the arrow is pointing to zero. The connection now has the desired pre-tension force.

Please note:

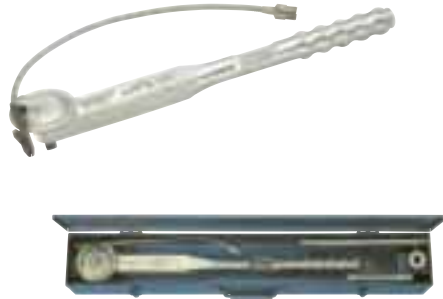
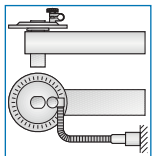
T Pay attention to the maximum output of the torque wrenches to avoid overloading. The total torque (set torque plus angle tightening) may not pass the indicated maximum output of the torque wrenches.

8261 - 8273 W

DREMOMETER 20-300 N-m / 15-220 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Torque angle indicator with a sliding magnetic and gripping arm
- T Full-metal construction from high-strength aluminium alloy
- T For controlled clockwise tightening with angle measurement
- T The maximum output of the torque wrench must not be passed
- T The 4-piece DREMOMETER W set (-03) with 1/2" accessories: 1x ratchet head for controlled clockwise tightening (no. 754-02), 2x extension tubes (125 + 250 mm)
- T Delivery in solid sheet metal case

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Code	No.	Type	a "	N-m	lbf-ft	Wrench	Set
7696730	8261-03	S BW	1/2	20-120	15-90	1500	4700
7696810	8273-03	S BCW	1/2	40-200	30-150	1700	4800
7697030	8262-03	S CW	1/2	50-300	35-220	1900	5200



DREMOMETER Z

TECHNICAL INFORMATION Z

T The large cross-section of the spigot end transfers a maximum torque. "Quick-fitting-change-system" with a locking pin mechanism guarantees that work takes place flexibly and rapidly. Ideal for bolted connections in cramped and hard-to-access locations. Depending on how the DREMOMETER Z is used, it is possible to work both in the forward direction and also to the side.



8460 - 8471 Z

DREMOMETER WITH QUICK-FITTING CHANGE 8-1000 N-m / 70 lbf-in-730 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy, type DXZ with aluminium extension tube
- T Factory depth gauges: 32 mm (16), 56 mm (22) or 75 mm (28), use type DXZ only with aluminium extension tube
- T If ordering with pre-set-value locking and safety device (AZ to DXZ A+S no. 7460-7471), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

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Code	No.	Type	Ø	N-m	lbf-in	lbf-ft	/
7703610	8460-01	AZ	16	8-40	70-350		1000
7704260	8461-01	BZ	16	20-120		15-90	1450
7704340	8462-01	CZ	16	50-400		35-300	2000
7703020	8463-10	DZ	22	140-620		105-450	3000
1251341	8471-01	DXZ	28	520-1000		380-730	5500
1427067	7460-01	AZ A+S	16	8-40	70-350		1000
1427075	7461-01	BZ A+S	16	20-120		15-90	1450
1225669	7462-01	CZ A+S	16	50-400		35-300	2000
1427083	7463-10	DZ A+S	22	140-620		105-450	3000
1521977	7471-01	DXZ A+S	28	520-1000		380-730	5500

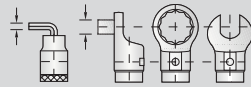
T On request, all torque wrenches can be factory pre-set.
 T When ordering, please specify the N-m value.
 T pre-setting



END FITTINGS 16 Z

Accessories

T End fittings with spigot ends are available in ring ends, open ends, TORX®, INBUS® and flare ends. Square-heads and ratchet-heads can be used with the appropriate sockets.



8791

OPEN END FITTING 16 Z

T For accessing bolts in cramped and hard-to-access locations - easy to change

T Forged

T Chrome-vanadium steel, chrome-plated

T With eject-pin for unlocking

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Code	No.	l	Depth gauge	/
7774470	8791-07	7	32	80
7774550	8791-08	8	32	80
7774630	8791-09	9	32	80
7710070	8791-10	10	32	90
7710150	8791-11	11	32	90
7676890	8791-12	12	32	90
7710230	8791-13	13	32	120
7710310	8791-14	14	32	120
7710580	8791-15	15	32	120
7710660	8791-16	16	32	160
7710740	8791-17	17	32	160
7676970	8791-18	18	32	160
7710820	8791-19	19	32	180
7710900	8791-20	20	32	180
7677000	8791-21	21	32	180
7711040	8791-22	22	32	220
7711120	8791-24	24	32	220
7711200	8791-27	27	32	260
7774710	8791-30	30	32	300
7774980	8791-32	32	32	300
1552317	8791-36	36	32	300

Code	No.	"	Depth gauge	/
1211421	8791-1/4AF	1/4	32	90
7720030	8791-5/16AF	5/16	32	80
1211447	8791-3/8AF	3/8	32	90
7720110	8791-7/16AF	7/16	32	90
7720380	8791-1/2AF	1/2	32	90
7720460	8791-9/16AF	9/16	32	120
7720540	8791-5/8AF	5/8	32	160
7720620	8791-11/16AF	11/16	32	160
7720700	8791-3/4AF	3/4	32	180
1211439	8791-13/16AF	13/16	32	90
7720890	8791-7/8AF	7/8	32	220
7720970	8791-15/16AF	15/16	32	220
7721000	8791-1AF	1	32	220
7721190	8791-1.1/16AF	1.1/16	32	260
7721270	8791-1.1/8AF	1.1/8	32	300
7776170	8791-1.3/16AF	1.3/16	32	300
7776250	8791-1.1/4AF	1.1/4	32	300
7776330	8791-1.5/16AF	1.5/16	32	300

8792

RING END FITTING 16 Z

T For accessing bolts in cramped and hard-to-access locations - easy to change

T Forged

T Chrome-vanadium steel, chrome-plated

T With eject-pin for unlocking

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Code	No.	l	Depth gauge	/
7775010	8792-07	7	32	90
7775280	8792-08	8	32	90
7775360	8792-09	9	32	90
7712600	8792-10	10	32	100
7712790	8792-11	11	32	100
7677190	8792-12	12	32	100
7712870	8792-13	13	32	140
7712950	8792-14	14	32	140
7713090	8792-15	15	32	140
7713170	8792-16	16	32	180
7713250	8792-17	17	32	180
7677270	8792-18	18	32	180
7713330	8792-19	19	32	210
7713410	8792-20	20	32	210
7677350	8792-21	21	32	210
7713680	8792-22	22	32	260
1211471	8792-23	23	32	270
7713760	8792-24	24	32	260
7713840	8792-27	27	32	300

Code	No.	"	Depth gauge	/
1211455	8792-1/4AF	1/4	32	100
7721350	8792-5/16AF	5/16	32	90
1211498	8792-3/8AF	3/8	32	100
7721430	8792-7/16AF	7/16	32	100
7721510	8792-1/2AF	1/2	32	100
7721780	8792-9/16AF	9/16	32	140
7721860	8792-5/8AF	5/8	32	140
7721940	8792-11/16AF	11/16	32	180
7722080	8792-3/4AF	3/4	32	210
1211463	8792-13/16AF	13/16	32	100
7722160	8792-7/8AF	7/8	32	260
7722240	8792-15/16AF	15/16	32	260
7722320	8792-1AF	1	32	300
7722400	8792-1.1/16AF	1.1/16	32	300





8797

FLARED END FITTING 16 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking

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Code	No.	l	max. N-m	Depth gauge	/
1211587	8797-07	7	7.0	32	90
1211595	8797-08	8	6.5	32	90
1211609	8797-09	9	5.5	32	90
1211625	8797-10	10	26.0	32	100
1211633	8797-11	11	19.0	32	100
1211641	8797-12	12	13.0	32	120
1211668	8797-13	13	34.0	32	140
7664290	8797-14	14	24.0	32	140
1211684	8797-15	15	18.0	32	140
1211692	8797-16	16	66.0	32	180
1211706	8797-17	17	56.0	32	180
1211714	8797-18	18	45.0	32	200
1211722	8797-19	19	80.0	32	210
1211731	8797-20	20	60.0	32	210
1211749	8797-21	21	43.0	32	210
1211757	8797-22	22	172.0	32	260
1211765	8797-23	23	153.0	32	260
1211773	8797-24	24	118.0	32	260
1211781	8797-27	27	76.0	32	300

Code	No.	"	max. N-m	Depth gauge	/
1326503	8797-1/4AF	1/4	7.0	32	90
7709300	8797-5/16AF	5/16	6.5	32	90
1211803	8797-3/8AF	3/8	26.0	32	140
7715620	8797-7/16AF	7/16	18.0	32	100
7715970	8797-1/2AF	1/2	37.0	32	140
7716350	8797-9/16AF	9/16	22.0	32	140
7716430	8797-5/8AF	5/8	68.0	32	180
7719610	8797-11/16AF	11/16	51.0	32	180
7719880	8797-3/4AF	3/4	77.0	32	210
1211676	8797-13/16AF	13/16	58.0	32	370
7725180	8797-7/8AF	7/8	169.0	32	210
7719960	8797-15/16AF	15/16	138.0	32	210
7725260	8797-1AF	1	104.0	32	260
7725340	8797-1.1/16AF	1.1/16	77.0	32	300

8755

END FITTING TORX® 16 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking
- T TORX® = registered trademark of Acument Intellectual Properties, LLC. USA

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Code	No.	7	Depth gauge	/
7672040	8755-20	20	32	100
7672120	8755-25	25	32	100
7672200	8755-27	27	32	140
7672390	8755-30	30	32	140
7672470	8755-40	40	36	140
7672550	8755-45	45	36	180

8756

END FITTING INBUS® 16 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking
- T INBUS® = registered trademark of Acument GmbH & Co. OHG, 56567 Neuwied

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Code	No.	3	Depth gauge	/
7773740	8756-03	3	32	100
7773820	8756-04	4	32	100
7773900	8756-05	5	32	100
7774040	8756-06	6	32	100
7774120	8756-08	8	36	110

8754

RATCHET HEAD 16 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking

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Code	No.	Type	a "	A °	Depth gauge	/
7711980	8754-01	2	3/8	10,0	32	170
7712010	8754-02	2	1/2	7,5	32	270

8790 - 8793

FIXED SQUARE HEAD 16 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking

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Code	No.	Type	a "	Depth gauge	/
7709490	8790-00	5	3/8	32	350
7709570	8793-00	5	1/2	32	380





END FITTINGS 22 Z

8795

OPEN END FITTING 22 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	l	Depth gauge	/
7707010	8795-22	22	56	330
7707280	8795-24	24	56	320
7707360	8795-27	27	56	380
7707440	8795-30	30	56	370
7707520	8795-32	32	56	450
7677430	8795-34	34	56	430
7707600	8795-36	36	56	430
7707790	8795-41	41	56	580
7707870	8795-46	46	56	530

Code	No.	"	Depth gauge	/
1532650	8795-1.7/16AF	1.7/16	56	425
1532669	8795-1.1/2AF	1.1/2	56	429

8796

RING END FITTING 22 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	l	Depth gauge	/
7707950	8796-22	22	56	350
7708090	8796-24	24	56	330
7708170	8796-27	27	56	370
7708250	8796-30	30	56	350
7708330	8796-32	32	56	420
7677510	8796-34	34	56	420
7708410	8796-36	36	56	390
7708680	8796-41	41	56	560
7708760	8796-46	46	56	520

Code	No.	"	Depth gauge	/
1532677	8796-1.1/8AF	1.1/8	56	400
1532685	8796-1.3/16AF	1.3/16	56	470
1532693	8796-1.1/4AF	1.1/4	56	550
1532707	8796-1.5/16AF	1.5/16	56	460
1532715	8796-1.7/16AF	1.7/16	56	430

8797

FLARED END FITTING 22 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	"	max. N-m	Depth gauge	/
1532723	8797-1.1/8AF	1.1/8	166	56	370
1532731	8797-1.3/16AF	1.3/16	145	56	360
1532758	8797-1.1/4AF	1.1/4	396	56	440
1532766	8797-1.5/16AF	1.5/16	367	56	430
1532774	8797-1.7/16AF	1.7/16	271	56	390

8794

FIXED SQUARE HEAD / RATCHET HEAD 22 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	Type	a *	A *	Depth gauge	/
7708840	8794-00	5	3/4		56	610
1427318	8794-03	2	3/4	10	56	950

END FITTINGS 28 Z

8798

OPEN END FITTING 28 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Chrome-vanadium steel, chrome-plated
- T With catch retention



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Code	No.	l	Depth gauge	/
1565346	8798-36	36	75	1900
1565354	8798-41	41	75	1900
1565362	8798-46	46	75	1900
1565370	8798-50	50	75	1900
1565389	8798-55	55	75	2100
1565397	8798-60	60	75	2100
1565400	8798-65	65	75	2400
1565419	8798-70	70	75	2900
1565427	8798-75	75	100	4000
1565435	8798-80	80	100	4400
1565443	8798-85	85	100	4300
1565451	8798-90	90	100	5400
1565478	8798-95	95	100	5100
1565486	8798-100	100	100	7600

8799

RING END FITTING 28 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Chrome-vanadium steel, chrome-plated
- T With catch retention



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Code	No.	l	Depth gauge	/
1565494	8799-36	36	75	1600
1565508	8799-41	41	75	1800
1565516	8799-46	46	75	2100
1565524	8799-50	50	75	2200
1565532	8799-55	55	75	2400
1565540	8799-60	60	75	2500
1565559	8799-65	65	75	2900
1565567	8799-70	70	75	2000
1565575	8799-75	75	100	4500
1565583	8799-80	80	100	4800
1565591	8799-85	85	100	5200
1565605	8799-90	90	100	6700
1565621	8799-95	95	100	6400
1565648	8799-100	100	100	6200



8794

RATCHET HEAD 28 Z

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Chrome-vanadium steel, chrome-plated
- T With catch retention



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Code	No.	Type	a *	A *	Depth gauge	/
1566032	8794-05	2	3/4	10	75	1800

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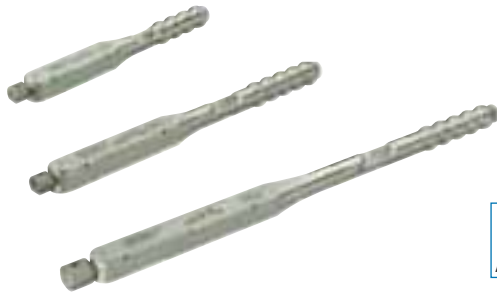


DREMOMETER SE

8480 - 8482 SE

DREMOMETER WITH QUICK-FITTING CHANGE 8-400 N-m / 70 lbf-in-300 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Full-metal construction from high-strength aluminium alloy
- T Factory depth gauges: 17.5 mm (9x12) or 25 mm (14x18)
- T If ordering with pre-set-value locking and safety device (ASE to CSE A+S no. 7480-7482), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)



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Code	No.	Type	:	N-m	lbf-in	lbf-ft	/
7714060	8480-01	A-SE	9 x 12	8-40	70-350	950	
7714140	8481-01	B-SE	9 x 12	20-120	15-90	1250	
7714220	8482-01	C-SE	14 x 18	50-400	35-300	1700	
1427059	7480-01	A-SE A+S	9 x 12	8-40	70-350	950	
1427091	7481-01	B-SE A+S	9 x 12	20-120	15-90	1250	
1427105	7482-01	C-SE A+S	14 x 18	50-400	35-300	1700	



- T On request, all torque wrenches can be factory pre-set.
- T When ordering, please specify the N-m value.
- T pre-setting



END FITTINGS 9X12 SE

Accessories

- T End fittings with a rectangular end are available in ring ends, open ends, TORX®, INBUS® and flare ends. Square and ratchet-adaptor spanner end fittings can be used with the appropriate sockets, bit holders and commonly available bits. A weld-on end fitting enables you to create your own designs.

7112

RECTANGULAR OPEN END FITTING 9x12

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	!	/
7688390	7112-07	7	35
7688550	7112-08	8	35
7679050	7112-09	9	35
7688630	7112-10	10	40
7688980	7112-11	11	30
7679560	7112-12	12	35
7689010	7112-13	13	35
7689360	7112-14	14	40
7689440	7112-15	15	40
7679990	7112-16	16	45
7689600	7112-17	17	50
7684560	7112-18	18	60
7689790	7112-19	19	60

Code	No.	"	/
1547267	7112-1/4AF	1/4	36
1547275	7112-5/16AF	5/16	53
1547283	7112-3/8AF	3/8	38
1547305	7112-1/2AF	1/2	44

7212

RECTANGULAR RING END FITTING 9x12

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	!	/
7691340	7212-07	7	30
7691420	7212-08	8	30
7691690	7212-10	10	30
7691770	7212-11	11	30
7677940	7212-12	12	35
7691930	7212-13	13	35
7692230	7212-14	14	40
7692580	7212-15	15	40
7678080	7212-16	16	40
7692740	7212-17	17	40
7678160	7212-18	18	40
7692820	7212-19	19	40
7678240	7212-21	21	50
7693040	7212-22	22	50



Code	No.	"	/
1547488	7212-1/4AF	1/4	36
1547496	7212-5/16AF	5/16	37
1547518	7212-3/8AF	3/8	37
1547534	7212-7/16AF	7/16	40
1547542	7212-1/2AF	1/2	53
1547550	7212-9/16AF	9/16	52
1547577	7212-5/8AF	5/8	54
1547607	7212-11/16AF	11/16	58
1547615	7212-3/4AF	3/4	58
1547623	7212-13/16AF	13/16	68
1547631	7212-7/8AF	7/8	69

7312

RECTANGULAR FLARED END FITTING 9x12

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	l	/
7685290	7312-10	10	40
7685370	7312-11	11	40
7699590	7312-12	12	40
7679210	7312-13	13	40
7679480	7312-14	14	50
7685880	7312-17	17	65
7679640	7312-18	18	65
7686260	7312-19	19	65
7679720	7312-22	22	65

Code	No.	"	/
1547739	7312-3/8AF	3/8	55
1547763	7312-7/16AF	7/16	56
1547771	7312-1/2AF	1/2	58
1547828	7312-9/16AF	9/16	59
1547836	7312-5/8AF	5/8	61
1547844	7312-11/16AF	11/16	48
1547852	7312-3/4AF	3/4	76

7412

RECTANGULAR REVERSIBLE RATCHET HEAD 9x12

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	A °	a "	a	/
7672710	7412-00	16	1/4	6.3	60
7686500	7412-01	5	3/8	10.0	140
7687230	7412-02	5	1/2	12.5	150

7512

RECTANGULAR TORX®-TYPE END 9x12

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking
- T TORX® = registered trademark of Acument Intellectual Properties, LLC. USA



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Code	No.	9	/
1547860	7512-E6	6	40
1547879	7512-E8	8	45
1547887	7512-E10	10	45
1547895	7512-E12	12	50
1547909	7512-E14	14	60

7612

RECTANGULAR FIXED SQUARE HEAD 9x12

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	a "	/
7672630	7612-00	1/4	70
7679800	7612-01	3/8	70
7687900	7612-02	1/2	80

7812

RECTANGULAR BIT HOLDER 9x12

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	k "	k	/
7697970	7812-00	5/16	8.0	40
2101645	7812-10	1/4	6.3	40

7912

RECTANGULAR WELD-ON FITTING 9x12

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Bear the depth gauges in mind



7

Code	No.	/
7698190	7912-00	30



END FITTINGS 14X18 SE

7118

RECTANGULAR OPEN END FITTING 14x18

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	l	/
7689870	7118-13	13	120
7690020	7118-14	14	120
7690100	7118-15	15	120
7685610	7118-16	16	125
7690370	7118-17	17	130
7686180	7118-18	18	130
7690450	7118-19	19	130
7686420	7118-21	21	155
7690610	7118-22	22	150
7690880	7118-24	24	170
7690960	7118-27	27	185
7691260	7118-30	30	220
7687740	7118-32	32	220
1963708	7118-34	34	255
1963716	7118-36	36	257
1963724	7118-41	41	261

7218

RECTANGULAR RING END FITTING 14x18

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	l	/
7693120	7218-13	13	120
7693390	7218-14	14	120
7693470	7218-15	15	115
7678320	7218-16	16	125
7693630	7218-17	17	125
7678830	7218-18	18	125
7693710	7218-19	19	125
7678910	7218-21	21	140
7693980	7218-22	22	140
7694280	7218-24	24	140
7694440	7218-27	27	150
7694790	7218-30	30	160
7695920	7218-32	32	165
7679130	7218-34	34	195
7696220	7218-36	36	195
7696300	7218-41	41	225

Code	No.	"	/
1547658	7218-1/2AF	1/2	122
1547666	7218-9/16AF	9/16	122
1553674	7218-5/8 AF	5/8	134
1547674	7218-11/16AF	11/16	132
1547682	7218-3/4AF	3/4	138
1547690	7218-13/16AF	13/16	142
1547704	7218-7/8AF	7/8	147
1547712	7218-15/16AF	15/16	151
1547720	7218-1AF	1	160

7418

RECTANGULAR REVERSIBLE RATCHET HEAD 14x18

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking
- T Fine-toothed



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Code	No.	a "	a	A °	/
7687580	7418-02	1/2	12.5	7,2	350
7687660	7418-04	3/4	20.0	7,2	780

7518

RECTANGULAR TORX®-TYPE END 14x18

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking
- T TORX® = registered trademark of Acument Intellectual Properties, LLC. USA



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Code	No.	9	/
1547917	7518-E14	14	130
1547925	7518-E18	18	135
1547933	7518-E20	20	150
1547941	7518-E24	24	150

7618

RECTANGULAR FIXED SQUARE HEAD 14x18

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	a "	a	/
7688040	7618-02	1/2	12.5	200
7688200	7618-04	3/4	20.0	390

7818

RECTANGULAR BIT HOLDER 14x18

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Forged
- T Chrome-vanadium steel, chrome-plated
- T With eject-pin for unlocking



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Code	No.	k "	k	/
7698000	7818-00	5/16	8	100

7918

RECTANGULAR WELD-ON FITTING 14x18

- T For accessing bolts in cramped and hard-to-access locations - easy to change
- T Bear the depth gauges in mind



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Code	No.	/
7698430	7918-00	100





TORCOFIX K



K b-e
1-850 N-m



K US b-e
10 lbf-in - 600 lbf-ft



UK d
20-300 N-m



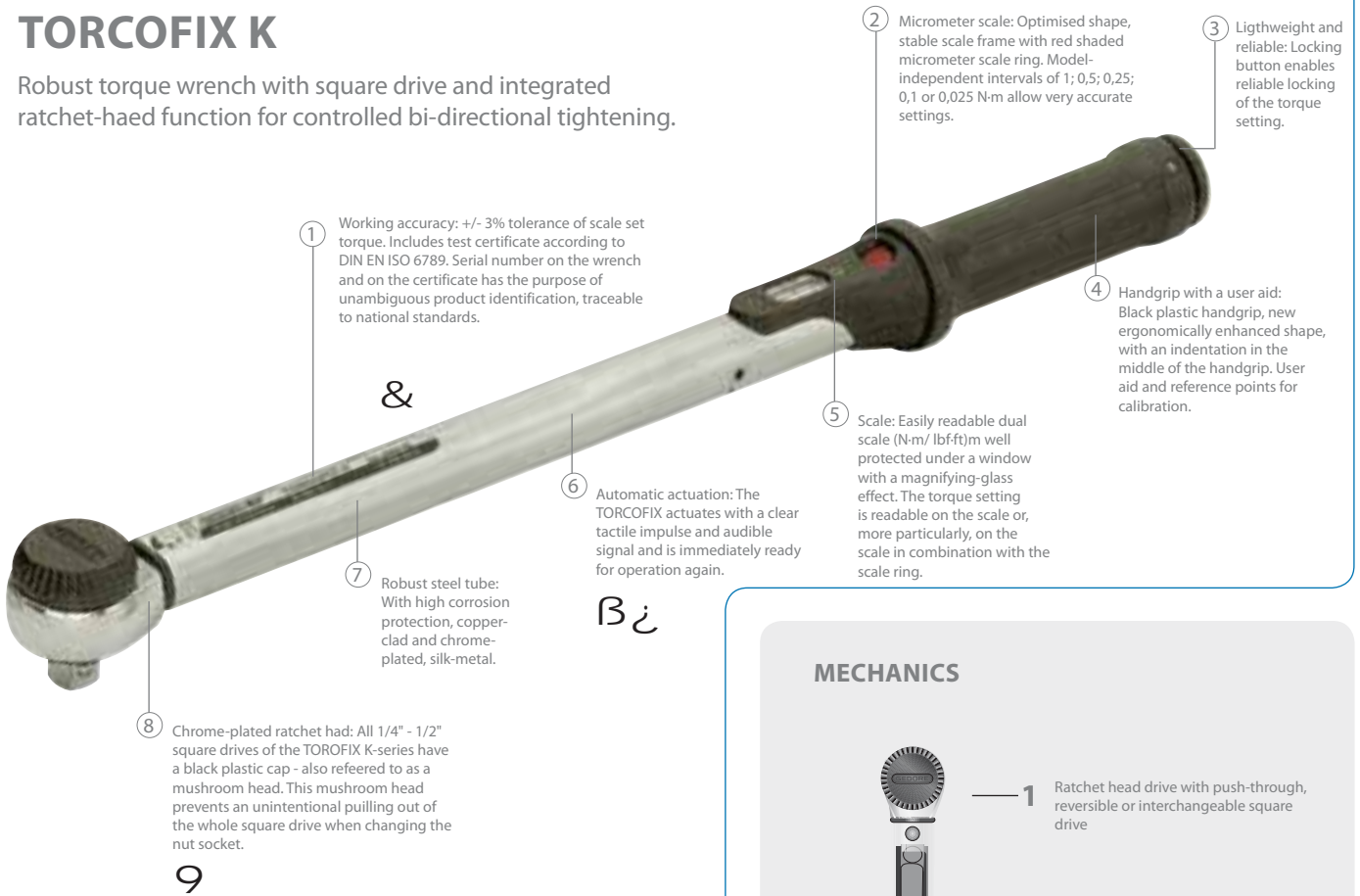
Z i c
2-750 N-m



SE } -
2-400 N-m

TORCOFIX K

Robust torque wrench with square drive and integrated ratchet-head function for controlled bi-directional tightening.



1 Working accuracy: +/- 3% tolerance of scale set torque. Includes test certificate according to DIN EN ISO 6789. Serial number on the wrench and on the certificate has the purpose of unambiguous product identification, traceable to national standards.

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7 Robust steel tube: With high corrosion protection, copper-clad and chrome-plated, silk-metal.

6 Automatic actuation: The TORCOFIX actuates with a clear tactile impulse and audible signal and is immediately ready for operation again.

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2 Micrometer scale: Optimised shape, stable scale frame with red shaded micrometer scale ring. Model-independent intervals of 1; 0,5; 0,25; 0,1 or 0,025 N-m allow very accurate settings.

3 Lightweight and reliable: Locking button enables reliable locking of the torque setting.

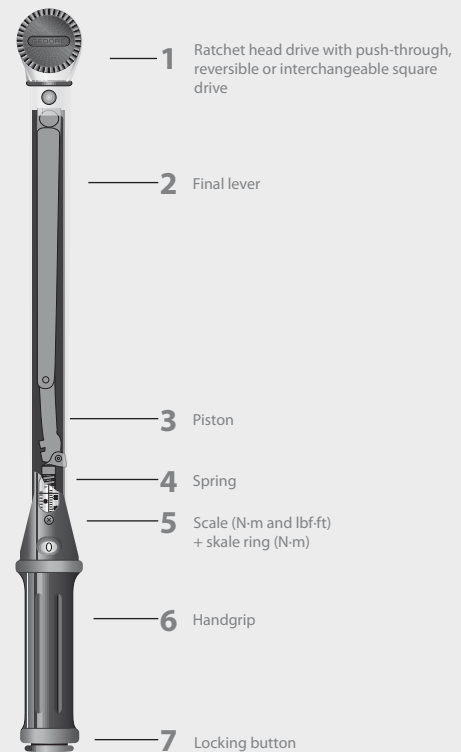
4 Handgrip with a user aid: Black plastic handgrip, new ergonomically enhanced shape, with an indentation in the middle of the handgrip. User aid and reference points for calibration.

5 Scale: Easily readable dual scale (N-m/ lbf-ft) well protected under a window with a magnifying-glass effect. The torque setting is readable on the scale or, more particularly, on the scale in combination with the scale ring.

8 Chrome-plated ratchet head: All 1/4" - 1/2" square drives of the TORCOFIX K-series have a black plastic cap - also referred to as a mushroom head. This mushroom head prevents an unintentional pulling out of the whole square drive when changing the nut socket.

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MECHANICS



1 Ratchet head drive with push-through, reversible or interchangeable square drive

2 Final lever

3 Piston

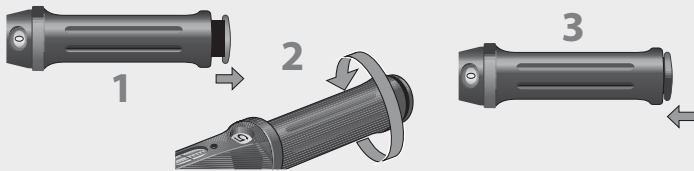
4 Spring

5 Scale (N-m and lbf-ft) + scale ring (N-m)

6 Handgrip

7 Locking button

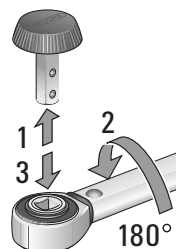
FEATURES



Pull out the locking button at the end of the handgrip and turn the handgrip in the clockwise or counter-clockwise direction in order to make the desired torque setting. Lock the locking button again. Finished!

FUNCTION

In order to change the turning direction of the TORCOFIX-K:
Press on the protruding square drive with your thumb and take out the mushroom head, turn the wrench and re-insert the square drive.



180°



4549 - 4551

TORQUE WRENCH TORCOFIX K 1-850 N-m / 0.75-630 lbf-ft

- T 1/4", 3/8", 1/2" interchangeable mushroom head-square, 3/4" push through square drive
- T For controlled bi-directional tightening by simply switching the mushroom head/push through square
- T Working accuracy: +/- 3% tolerance of scale set torque
- T Robust, silk-matt chrome-plated steel tube construction, with chrome-plated ratchet head and high-quality plastic parts
- T Dual scale N-m and lbf-ft below a window with a magnifying-glass effect

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Code	No.	a"	N-m	lbf-ft	y	A °	φ	/
1545124	4549-01	1/4	1-5	0,75-3,7	220	10,0	0,025 N-m	300
1545132	4549-02	1/4	2-25	1,5-18	285	10,0	0,1 N-m	450
1545140	4549-05	3/8	5-50	3,5-37	335	10,0	0,25 N-m	540
7601530	4550-10	1/2	10-100	8-75	395	7,5	0,5 N-m	900
7601610	4550-20	1/2	20-200	15-150	485	7,5	1 N-m	1100
7601880	4550-30	1/2	60-300	45-220	575	7,5	1 N-m	1400
7674330	4550-40	1/2	75-400	55-300	665	7,5	1 N-m	2000
7674760	4550-55	3/4	100-550	75-405	960	10,0	1 N-m	3800
1521365	4550-75	3/4	140-750	105-550	1240	10,0	1 N-m	4800
1950525	4551-85	3/4	250-850	185-630	1390	10,0	1 N-m	4700

4549-G - 4550-G

TORQUE WRENCH SET TORCOFIX K 1-400 N-m / 0.75-300 lbf-ft

- T The TORCOFIX K as a practical tool set
- T Most-widely-used tools in a robust sheet-metal case
- T Clearly organised - everything always ready to hand
- T With foam-material inlay modules (on request, these can be customised or extended individually)

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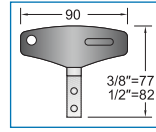
Code	No.	a"	Contents	N-m	lbf-ft	φ
1546996	4549-G01	1/4	" No. 4549-01 - in sheet-metal case 1 7 8 10 13 ' 55 mm and b-spare square drive	1-5	0,75-3,7	3.0
1547003	4549-G02	1/4	" No. 4549-02 - in sheet-metal case 1 7 8 10 13 ' 55 mm and b-spare square drive	2-25	1,5-18	3.2
1547011	4549-G05	3/8	" No. 4549-05 - in sheet-metal case 1 8 10 13 17 ' 125 mm and c-spare square drive	5-50	3,5-37	3.5
1547038	4550-G10	1/2	" No. 4550-10 - in sheet-metal case 1 10 13 17 19 24 ' 125 mm and c-spare square drive	10-100	8-75	4.3
1547046	4550-G20	1/2	" No. 4550-20 - in sheet-metal case 1 10 13 17 19 24 ' 125 mm and c-spare square drive	20-200	15-150	5.5
1547062	4550-G30	1/2	" No. 4550-30 - in sheet-metal case 1 17 19 24 27 ' 125 mm and c-spare square drive	60-300	45-220	5.6
1547070	4550-G40	1/2	" No. 4550-40 - in sheet-metal case 1 17 19 24 27 ' 125 mm and c-spare square drive	75-400	55-300	6.0

4550

QUICK-TURN WITH T-GRIP DREH-FIX TORCOFIX K

- T For TORCOFIX K and ratchet head 8754-02
- T Made from chrome-vanadium steel
- T With T-grip made of polypropylene (PPN)
- T With 3/8" or 1/2" square drive with ball locking device

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Code	No.	Q"	a"	/
7604390	4550-80	1/2	1/2	100
7604470	4550-81	1/2	3/8	100

4549 - 4550

MUSHROOM HEAD / SQUARE DRIVE TORCOFIX K

- T Made from chrome-vanadium steel, zinc-plated
- T With black mushroom head made of polypropylene (PPN) (4549-87/-88/-86/-85)
- T With 1/4", 3/8" or 1/2" square drive with ball locking mechanism
- T With 3/4" push through square with pin locking

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Code	No.	Q"	a"	/
1545167	4549-87S	3/8	1/4	35 21
1566385	4549-88S	3/8	3/8	35 22
7079370	4550-85S	1/2	1/2	44 60
7079450	4550-86S	1/2	3/8	44 60
6279090	3294	3/4	3/4	100

TORCOFIX Z

4400 - 4475

TORQUE WRENCH TORCOFIX Z 2-750 N-m / 1.5-550 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Dual scale N-m and lbf-ft under a window with a magnifying-glass effect
- T Additional micrometer scale
- T For controlled bi-directional tightening
- T Factory depth gauges: 32 mm (16) or 56 mm (22)

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Code	No.	φ	N-m	lbf-ft	φ	/
1646168	4400-02	16	2-25	1,5-18	0,1 N-m	300
1646176	4405-05	16	5-50	3,5-37	0,25 N-m	450
7097270	4410-01	16	10-100	8-75	0,5 N-m	600
7097350	4420-01	16	20-200	15-150	1 N-m	800
7097430	4430-01	16	60-300	45-220	1 N-m	1200
7094090	4440-01	16	75-400	55-300	1 N-m	1500
7501310	4450-01	22	100-550	75-400	1 N-m	3800
1521381	4475-01	22	140-750	105-550	1 N-m	4450



4400-G - 4440-G

TORQUE WRENCH SET TORCOFIX Z 2-400 N-m / 1,5-300 lbf-ft

- T The TORCOFIX Z as a practical tool set
- T Most-widely-used tools in a robust sheet-metal case
- T Clearly organised - everything always ready to hand
- T With foam-material inlay modules (on request, these can be customised or extended individually)



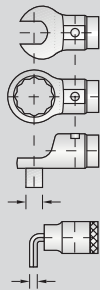
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Code	No.	Ø	Contents	N-m	lbf-ft	Ø
1663259	4400-G02	16	" No. 4400-02 - in sheet-metal case 1 10 13 17 4 10 13 17 and C-ratchet head	2-25	1,5-18	3.0
1663267	4405-G05	16	" No. 4405-05 - in sheet-metal case 1 10 13 17 4 10 13 17 and C-ratchet head	5-50	3,5-37	3.3
1547186	4410-G01	16	" No. 4410-01 - in sheet-metal case 1 17 19 24 4 17 19 24 and cl-ratchet head	10-100	8-75	4.3
1547194	4420-G01	16	" No. 4420-01 - in sheet-metal case 1 17 19 24 4 17 19 24 and cl-ratchet head	20-200	15-150	5.6
1547208	4430-G01	16	" No. 4430-01 - in sheet-metal case 1 24 27 30 32 4 24 27 and cl-ratchet head	60-300	45-220	6.3
1547216	4440-G01	16	" No. 4440-01 - in sheet-metal case 1 24 27 30 32 4 24 27 and cl-ratchet head	75-400	55-300	6.6

ACCESSORIES Z- SPANNER END FITTINGS

T Spanner end fittings with spigot ends are available in ring ends, open ends, TORX®, INBUS® and flare ends. Square-heads and ratchet-heads can be used with the appropriate sockets.

T You find these products up to from page 315



TORCOFIX SE

4100 - 4301

TORQUE WRENCH TORCOFIX SE 2-400 N-m / 1.5-300 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Dual scale N-m and lbf-ft below a window with a magnifying-glass effect
- T Additional micrometer scale
- T For controlled bi-directional tightening
- T Factory depth gauges: 17.5 mm (9x12) or 25 mm (14x18)



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Code	No.	;	N-m	lbf-ft	9	/
1646192	4101-02	9 x 12	2-25	1,5-18	0,1 N-m	300
1646206	4101-05	9 x 12	5-50	3,5-37	0,25 N-m	450
7600210	4100-01	9 x 12	10-100	8-75	0,5 N-m	600
1654934	4200-02	9 x 12	20-150	15-110	1 N-m	800
7600990	4201-01	14 x 18	20-200	15-150	1 N-m	900
7601020	4300-01	14 x 18	60-300	45-220	1 N-m	1200
7604120	4301-01	14 x 18	75-400	55-300	1 N-m	1600

Deviant packing units see article description.

4100-G - 4301-G

TORQUE WRENCH SET TORCOFIX SE 2-400 N-m / 1.5-300 lbf-ft

- T The TORCOFIX SE as a practical tool set
- T Most-widely-used tools in a robust sheet-metal case
- T Clearly organised - everything always ready to hand
- T With foam-material inlay modules (on request, these can be customised or extended individually)



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Code	No.	;	Contents	N-m	lbf-ft	Ø
1663224	4101-G02	9 x 12	" No. 4101-02 - in a sheet-metal case 1 10 13 17 4 10 13 17 and C-ratchet head	2-25	1,5-18	3.0
1663232	4101-G05	9 x 12	" No. 4101-05 - in a sheet-metal case 1 10 13 17 4 10 13 17 and C-ratchet head	5-50	3,5-37	3.3
1547100	4100-G01	9 x 12	" No. 4100-01 - in a sheet-metal case 1 13 17 19 4 13 17 19 and cl-ratchet head	10-100	8-75	3.8
1663240	4200-G02	9 x 12	" No. 4200-02 - in a sheet-metal case 1 13 17 19 4 13 17 19 and cl-ratchet head	20-150	15-110	5.5
1547127	4201-G01	14 x 18	" No. 4201-01 - in a sheet-metal case 1 17 19 24 4 17 19 24 and cl-ratchet head	20-200	15-150	6.2
1547135	4300-G01	14 x 18	" No. 4300-01 - in a sheet-metal case 1 24 30 32 4 24 30 32 36 and cl-ratchet head	60-300	45-220	6.4
1547143	4301-G01	14 x 18	" No. 4301-01 - in a sheet-metal case 1 24 30 32 4 24 30 32 36 and cl-ratchet head	75-400	55-300	6.6

TORCOFIX FS

4150 - 4151

TORQUE WRENCH FOR PRE-SETTING TORCOFIX FS 2-200 N-m

- T Working accuracy: +/- 3% tolerance of set torque
- T Pre-set torque wrench - without scale
- T The fixed setting can be performed at the factory or by the user on suitable torque testers. Factory depth gauges: 17.5 mm (9x12) or 25 mm (14x18)
- T When ordering, please specify the N-m value - if a fixed factory-pre-setting is desired (price on request)
- T Type II-B acc. to DIN EN ISO 6789



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Code	No.	;	N-m _{mm} / mm	/
7601960	4150-25	9 x 12	2 / 25	210
7602180	4150-50	9 x 12	5 / 50	270
7602850	4150-85	9 x 12	15 / 85	340
7603580	4151-20	14 x 18	20 / 200	750

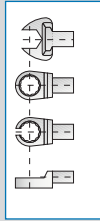
- T On request, all torque wrenches can be factory pre-set.
- T When ordering, please specify the N-m value.
- T Pre-setting



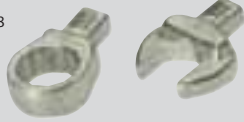


ACCESSORIES SE - RECTANGULAR SPANNER END FITTINGS

T Spanner end fittings with a rectangular end are available in ring ends, open ends, TORX®, INBUS® and flare ends. Square and ratchet-adaptor spanner end fittings can be used with the appropriate sockets, bit holders and commonly available bits. A weld-on end fitting enables you to create your own designs.



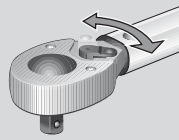
T You find these products up from page 318



TORCOFIX UK

Operation

T For the TORCOFIX UK: Switch the lever of the reversible ratchet to correspond with the desired direction, clockwise or counter-clockwise.



5550

TORQUE WRENCH TORCOFIX UK 20-300 N-m / 15-220 lbf-ft

- T Working accuracy: +/- 3% tolerance of scale set torque
- T Dual scale: N-m and lbf-ft, with magnified sight glass
- T Integrated flip-reversible ratchet-head function
- T For controlled clockwise tightening
- T Sturdy, satin chrome-plated tubular steel design, with chrome-plated ratchet head and high-quality plastic parts



Code	No.	a "	N-m	lbf-ft	♀	A °	/
1210467	5550-10	1/2	20-100	15-75	0,5 N-m	11,25	1000
1210475	5550-20	1/2	40-200	30-150	1 N-m	11,25	1200
1210483	5550-30	1/2	60-300	45-220	1 N-m	11,25	1400

TORCOFIX K US

6550 - 6551

TORCOFIX K US 10 lbf-in - 600 lbf-ft / 1,1 - 810 N-m

- T Anglo-American unit
- T Adjustable torque wrench with square drive and integrated ratchet function
- T For controlled bi-directional tightening
- T 1/4", 3/8", 1/2" mushroom-head reversible square drive with ball locking device as per DIN 3120 - A 6.3, A 10 or A 12.5, ISO 1174
- T 3/4" push-through square drive with pin locking device DIN 3120 - B 20, ISO 1174 (no. 6551-120)
- T Working accuracy: +/- 3% tolerance of scale set torque
- T Robust, silk-matt chrome-plated steel tube construction, with chrome-plated ratchet head and high-quality plastic parts
- T Dual scale in lbf-in resp. lbf-ft and N-m underneath a window with a magnifying-glass effect



Code	No.	a "	lbf-in	lbf-ft	♀	/
1956744	6550-01	1/4	10-50		0,25 lbf-in	300
1956752	6550-02	1/4	20-100		0,25 lbf-in	300
1956779	6550-05	3/8	50-250		1,0 lbf-in	800
1956787	6550-15	3/8	150-1000		5,0 lbf-in	900

Code	No.	a "	lbf-in	lbf-ft	♀	/
1956795	6551-07	3/8		7-50	0,25 lbf-ft	900
1956817	6551-10	1/2		10-75	0,25 lbf-ft	900
1956833	6551-30	1/2		30-150	0,5 lbf-ft	1100
1956841	6551-60	1/2		60-300	1,0 lbf-ft	1600
1956868	6551-120	3/4		120-600	1,0 lbf-ft	4500

TORQUE SCREWDRIVER TECHNICAL FEATURES

Type FS 755

Pre-set torque screwdriver without scale for durable and identical value tightening

- T Auto setting
- T Bidirectional
- T Anodised aluminium handgrip



Type 756

Adjustable torque screwdriver with micrometer scale

- T "Positive-lock"-system
- T Drive type made of stainless steel
- T Auto setting
- T Bidirectional
- T Non-slip rubber handgrip
- T ESD = electrostatically protected



Type S 757

Adjustable torque screwdriver with micrometer scale

- T Auto setting
- T Bidirectional
- T Anodised aluminium handgrip
- T ESD = electrostatically protected



Type SP 758

Dial-indicating torque screwdriver with dual scale

- T Locking of maximum values / maximum value-display
- T Bidirectional
- T Anodised aluminium handgrip
- T ESD = electrostatically protected



Scope of delivery

We supply a 1/4"-1/4"-drive adaptor with all models

To make work easier, a sliding or removable T-bar is included with several models



Special models

Optionally, all torque screwdrivers are also available with a 1/4" male square drive spindle.

Apart from that: Torque screwdrivers for the medical "clean-room" area are available on request.



Detailed information on products, promotions and trade fairs

... www.gedore.com





TORQUE SCREWDRIVERS 756

Compact and versatile screwdrivers with automatically actuating, dial-indicating and measuring torque.



755

TORQUE SCREWDRIVER TYPE FS 0.02-13.6 N-m

- T Working accuracy: +/- 6% tolerance of the selected torque
- T Precision radial ball clutch and cam design for controlled bidirectional tightening
- T The pre-setting can be made at the factory or by the user on suitable torque testers
- T If a factory setting is required, please specify the N-m value on the order
- T ESD = electrostatic discharge protection

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Code	No.	- "	a "	cN-m	N-m	Colour	/
1471481	755-01	1/4	1/4	2-22		red	50
1471473	755-02	1/4	1/4	0,5-22		gold	72
1471465	755-03	1/4	1/4	2-135		blue	210
1471457	755-04	1/4	1/4	6-406		green	280
1228501	755-05	1/4	1/4		1-13,6	black	325

757

TORQUE SCREWDRIVER TYPE S 0.2-9 N-m

- T Working accuracy: +/- 6% tolerance of the selected torque
- T Precision radial ball clutch and cam design for controlled bidirectional tightening
- T Micrometer-scale graduation: 1 cN-m / 0.1 N-m
- T Lightweight design with anodised aluminium handles
- T ESD = electrostatic discharge protection

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Code	No.	- "	a "	cN-m	N-m	Colour	/
7718050	757-01	1/4	1/4	20-120		black	165
7718130	757-06	1/4	1/4		1-6	red	400
7718210	757-09	1/4	1/4		4-9	green	400

756

TORQUE SCREWDRIVER TYPE S 0.05-9 N-m

- T Working accuracy: +/- 6% tolerance of the selected torque
- T Compact, lightweight and non-slip rubber handle
- T Precision radial ball clutch and cam design for controlled bidirectional tightening
- T Positive locking system prevents torque setting from slipping
- T ESD = electrostatic discharge protection

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Code	No.	- "	a "	cN-m	N-m	Colour	/
1498738	756-00	1/4	1/4	5-40		silver	124
1400150	756-01	1/4	1/4	20-120		blue	165
1400169	756-06	1/4	1/4		1-6	red	340
1400177	756-09	1/4	1/4		4-9	green	340

758

TORQUE SCREWDRIVER TYPE SP 10-500 cN-m / 14 ozf-in - 40 lbf-in

- T Working accuracy +/- 6% tolerance of the indicated torque
- T Dial-indicating torque and test screwdriver - with dual scale (cN-m/ozf-in/lbf-in)
- T Lightweight design with anodised aluminium handles
- T ESD = electrostatic discharge protection
- T With bidirectional maximum indicator function

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Code	No.	- "	a "	cN-m	ozf-in / lbf-in	Colour	/
7096380	758-05	1/4	1/4	10-50	14-70 ozf-in	gold	190
7096460	758-10	1/4	1/4	20-100	28-140 ozf-in	blue	190
7096540	758-25	1/4	1/4	50-250	4-20 lbf-in	red	465
7096620	758-50	1/4	1/4	100-500	8-40 lbf-in	green	465



TORQUE WRENCHES TSN-TBN-TSP-TSC

759

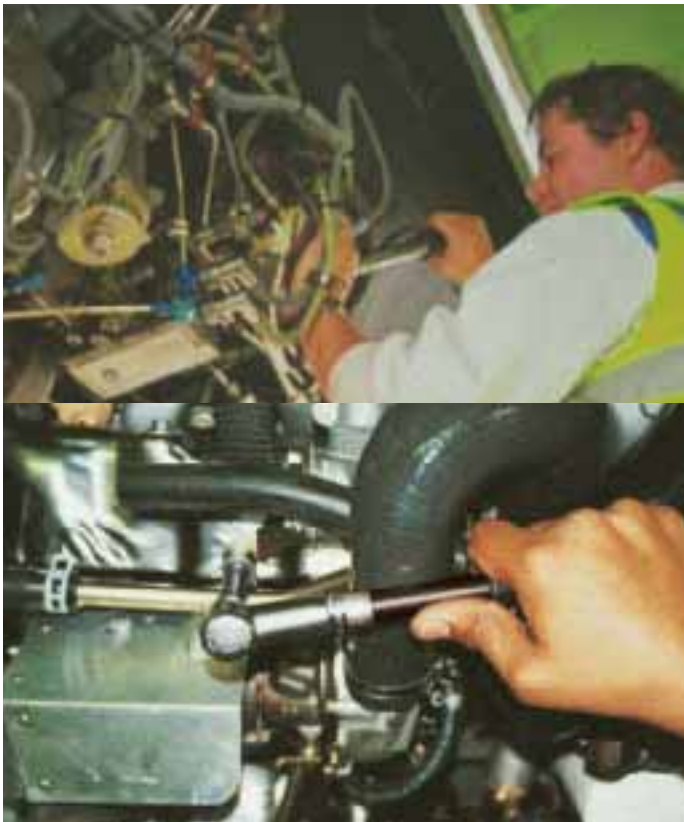
TORQUE WRENCH TSN SLIPPER 3-125 N-m

- T For controlled clockwise tightening, counter-clockwise operation possible on request
- T Working accuracy: +/- 4% tolerance of the selected torque
- T Pre-set torque wrench - without scale
- T The precision mechanism slips noticeably when the pre-set value is reached - completely eliminating the risk of over-tightening
- T The pre-setting can be made at the factory or by the user on suitable torque testers
- T If a factory setting is required, please specify the N-m value on the order

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Code	No.	a "	N-m	/
7091900	759-00	1/4	3-25	340
7092040	759-01	3/8	3-25	340
7092120	759-02	3/8	15-55	800
7092200	759-03	1/2	40-125	1360



TSN-SIPPER WORKING PRINCIPLE

T When the pre-set torque value is achieved, the mechanism slips through over the ball (without the possibility of over-tightening). The torque wrench is then immediately ready for the next operation.

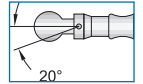


760

BREAKING TORQUE WRENCH TBN 0.2-135 N-m / 1.8-1195 lbf-in

- T Working accuracy: +/- 4% tolerance of the selected torque, No. 760-00/-01: +/- 6% tolerance
- T Handle snaps over by 20° (90° possible on No. 760-00/-01) when selected torque is reached, reducing the likelihood of over-tightening
- T The pre-setting can be made at the factory or by the user on suitable torque testers. Works calibration size: 17.5 mm or 32 mm
- T If a factory setting is required, please specify the N-m value on the order

) &) 20° %



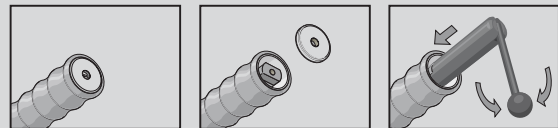
Code	No.	Ø	:	N-m	lbf-in	/
7090690	760-00			9 x 12	0,2-2,0	1,8-18 110
7090770	760-01			9 x 12	1-10	9-89 130
1824686	760-30	16			5-25	44-221 405
1824694	760-35	9 x 12			5-25	44-221 405
1824708	760-40	16			10-65	89-575 745
1824716	760-45	9 x 12			10-65	89-575 745
1824724	760-50	16			20-135	177-1195 1027
7092630	760-11	9 x 12			20-135	177-1195 830

TBN BREAKER WORKING PRINCIPLE

T When the TBN breaking torque wrench is operated, the rear section of the driver unit presses the roller. When the pre-set torque value is achieved, the lever switches over and the front section of the drive unit breaks.



TSN SLIPPER AND TBN BREAKER TECHNICAL ATION



T All TSN Slippers and TBN Breaker torque wrenches (apart from 760-00/-01) are fitted with the patented "Mechanical Torque Adjustment Locking Device" to modify torque tester.



- T On request, all torque wrenches can be factory pre-set.
- T When ordering, please specify the N-m value.
- T pre-setting



761

TORQUE WRENCH TSP SLIPPER 1-10 N-m / 10-90 lbf-in

- T Working accuracy: +/- 6% tolerance of the selected torque
- T Pre-set torque wrench - without scale
- T The precision mechanism slips noticeably when the pre-set value is reached - completely eliminating the risk of over-tightening
- T ESD = electrostatic discharge protection
- T The pre-setting can be made at the factory or by the user on suitable torque testers
- T If a fixed factory setting is required, please specify the N-m value on the order

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Code	No.	a "	N-m	lbf-in	/
1196650	761-05	1/4	1-5	10-45	190
1196731	761-10	1/4	2-10	20-90	190

762

TORQUE WRENCH TSC SLIPPER 1-10 N-m

- T Working accuracy: +/- 6% tolerance of the scale set torque
- T Adjustable torque wrench - with scale
- T The precision mechanism slips noticeably when the pre-set value is reached - completely eliminating the risk of over-tightening
- T Automatic reset to start position
- T ESD = electrostatic discharge protection

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Code	No.	a "	N-m	/
1196480	762-05	1/4	1-5	235
1196510	762-10	1/4	2-10	235



763

TORQUE WRENCH DREMOMETER T-FS pre-set, 1-14 N-m

- T Torque wrench series with 14 pre-set models
- T Working accuracy in accordance with DIN EN ISO 6789 Type II Class E (+/- 6%)
- T Lightweight high-grade aluminium casing
- T Special ranges are available on request

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Code	No.	a "	a	N-m	/
1947907	763-01	1/4	6.3	1	241
1947915	763-02	1/4	6.3	2	241
1947923	763-03	1/4	6.3	3	241
1947931	763-04	1/4	6.3	4	241
1947958	763-05	1/4	6.3	5	241
1947966	763-06	1/4	6.3	6	241
1947974	763-07	1/4	6.3	7	241
1947990	763-08	1/4	6.3	8	241
1948008	763-09	1/4	6.3	9	241
1948016	763-10	1/4	6.3	10	241
1948024	763-11	1/4	6.3	11	241
1948032	763-12	1/4	6.3	12	241
1948040	763-13	1/4	6.3	13	241
1948059	763-14	1/4	6.3	14	241



MARKING SYSTEM

9000

PLASTIC-TAG MARKING SYSTEM

- T Neutral coloured plastic ties with a 12x25 mm matt marking area
- T Cable-tie length of 170 mm makes them suitable for use on tools of 15-45 mm section
- T It is advisable to use a quality marker, e.g. STABILO OH Pen universal permanent (can be supplied on request - No. 9000-10)



Code	No.	/
1471570	9000-00 Pack of 10 plastic cable tags	50
1471562	9000-10 Pack of 10 plastic cable tags with quality STABILO OH Pen	150



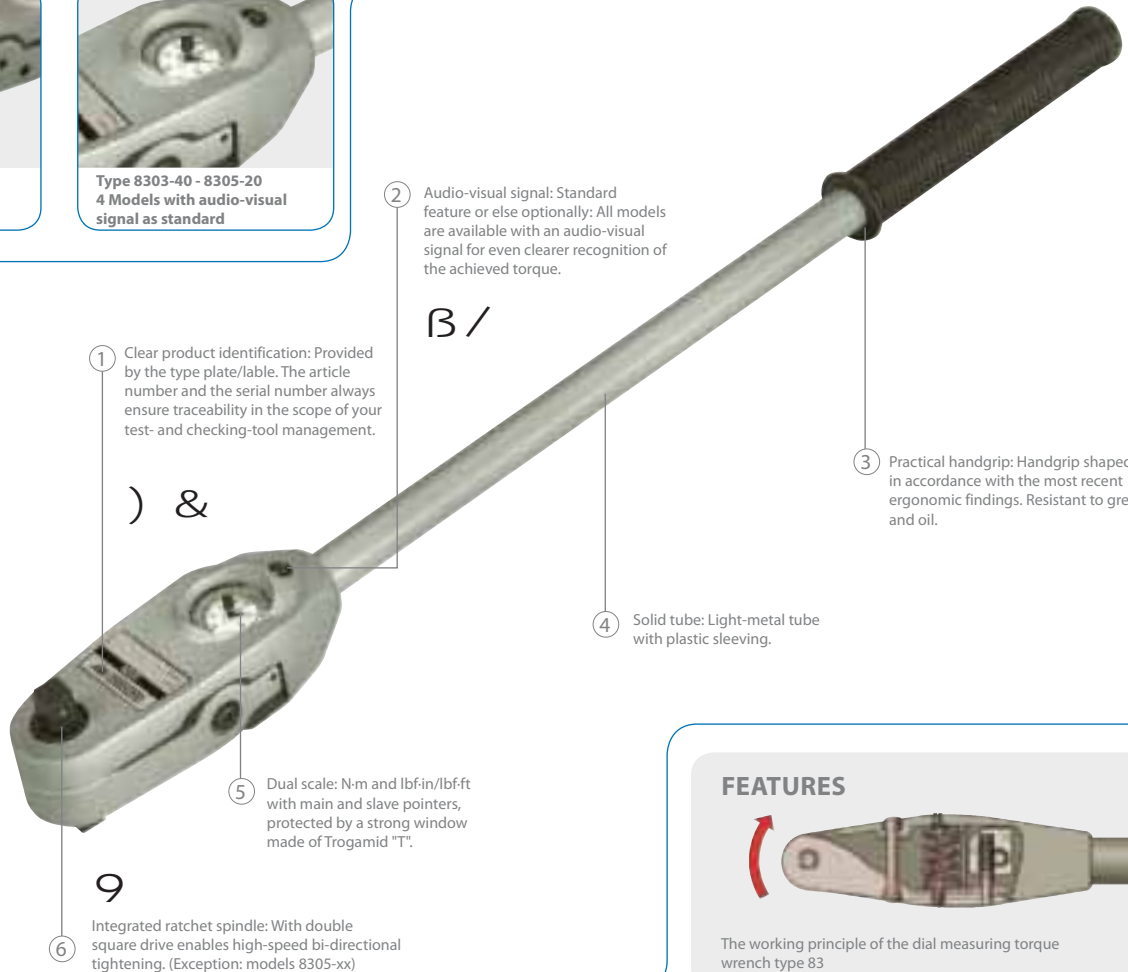
DIAL MEASURING TORQUE WRENCHES Ideal for test, control and maintenance work



Type 83 b - f
0.8-2000 N-m



Type 8303-40 - 8305-20
4 Models with audio-visual
signal as standard



1 Clear product identification: Provided by the type plate/label. The article number and the serial number always ensure traceability in the scope of your test- and checking-tool management.

2 Audio-visual signal: Standard feature or else optionally: All models are available with an audio-visual signal for even clearer recognition of the achieved torque.

3 Practical handgrip: Handgrip shaped in accordance with the most recent ergonomic findings. Resistant to grease and oil.

4 Solid tube: Light-metal tube with plastic sleeving.

5 Dual scale: N-m and lbf-in/lbf-ft with main and slave pointers, protected by a strong window made of Trogamid "T".

6 Integrated ratchet spindle: With double square drive enables high-speed bi-directional tightening. (Exception: models 8305-xx)

FEATURES



The working principle of the dial measuring torque wrench type 83

TORQUE WRENCH TYPE 83

8301 - 8305

TORQUE WRENCH TYPE 83 0.8-2000 N-m / 7 lbf-in - 1500 lbf-ft

- T Working accuracy: +/- 4% tolerance of the indicated torque
- T With integrated ratchet function for controlled bidirectional tightening (Exception: models 8305-xx)
- T Integrated overload protection - mechanical stop up to max. 25% overload of the maximum value
- T Models 8301-04 to 8301-40 are ESD rated = with electrostatic discharge protection
- T Models 8303-40 to 8305-20 have an audio signal and visual indicator as standard

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Code	No.	a "	N-m	lbf-in	lbf-ft	Signal	/
7651390	8301-04	1/4	0,8-4	7-35		optional	500
7651470	8301-12	1/4	2,4-12	21-105		optional	500
7651550	8301-25	3/8	5-25	44-220		optional	500
7651630	8301-40	3/8	8-40	72-360		optional	500
7651710	8302-08	1/2	16-80		12-60	optional	1350
7651980	8302-20	1/2	40-200		30-160	optional	1400
7652280	8303-40	3/4	80-400		60-300	standard	3150
7652010	8304-80	3/4	160-800		120-600	standard	4850
1196790	8305-14	1	280-1400		200-1000	standard	16690
1196804	8305-20	1	400-2000		300-1500	standard	16690

TORQUE WRENCH TYPE 88

8800

TORQUE WRENCH TYPE 88 100-1500 N-m / 70-1000 lbf-ft

- T Working accuracy: +/- 4% tolerance of the indicated torque
- T Breaker mechanism (handle snaps over) is seen and felt when selected torque is reached, reducing the likelihood of over-tightening
- T Dual scale in N-m and lbf-ft
- T 3/4" square drive with integrated ratchet function or 22 mm spigot-end

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Code	No.	Ø	a "	N-m	lbf-ft	Ø
7715700	8800-01		3/4	100-500	70-350	5.5
7715890	8800-02		3/4	150-700	100-500	6.0
7716000	8800-03		3/4	300-1000	200-750	7.3
7716190	8800-04		3/4	700-1500	500-1000	10.5
7716270	8800-06	22		130-550	100-400	4.9



DREMOPUS Hand torque multipliers. Effortlessly achieve supreme torque values in a very small space.

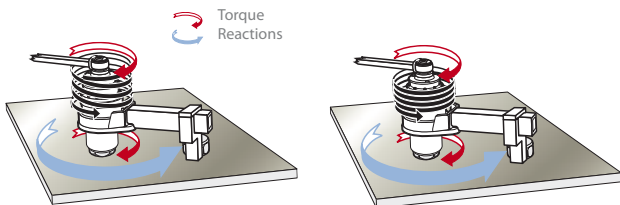


ADVANTAGES OF A TORQUE MULTIPLIER

- T Avoidance of long levers - meaning that you work more safely
- T Greater accuracy because the torque is applied slowly
- T The specified ratio is the true torque multiplication factor
- T You can manage without correction charts for determining the output torque
- T Models having an anti-wind-up ratchet enable you to work more safely
- T For high-precision torque control, electronic torque transducers are available for all models.

- Actio = Reactio: Reaction arm for the absorption of the reaction.
- Drive: Input square of sizes 3/8", 1/2" and 3/4".
- Maximum precision: Smoothed tooth flanks, honed drill holes, hardened cylindrical pins and precision bearings ensure that frictional losses in the planet gear are kept negligible. Accuracies of +/- 4% over the entire working range provide the optimum safety when making screw connections.
- Solid and robust: Housing made of quality steel. Also designed for strong forces. The compact construction enables work on hard-to-access screw connections.
- Flexible: Replaceable reaction plate for individual requirements.
- Safety: Torque multipliers starting from a ratio of 1:5 are fitted with anti-wind-up ratchets.
- Torque reaction: Sliding reaction "slave" square can be supported on an adjacent screw with a impact nut socket, e.g. in the case of flange screw connections.

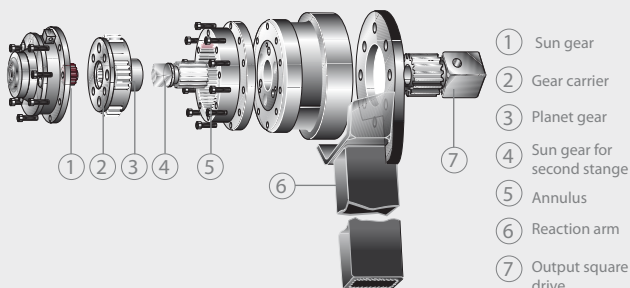
SAFELY OPERABLE



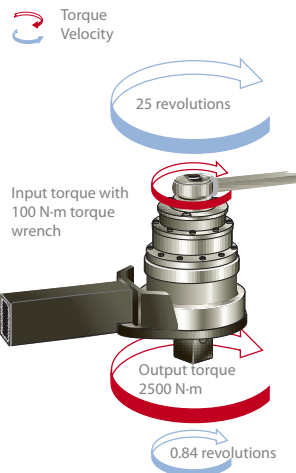
The gearbox wind-up forces and torsion wind-up forces must build up like in the case of a "spring"! Multiplier will achieve maximum torque only after the "spring" has been taken up.

Important remark on safety: When used upside down, an additional support is strongly recommended. If the screw connection breaks or the torque multiplier releases its torsion wind-up forces, the device could fall out on the user.

GEARBOX ELEMENTS



WORKING PRINCIPLE



The representation shown in the chart is intended for elucidating the principle of torque multiplication. Let us assume an input torque of 100 N-m and an output torque of 2500 N-m. In the case of a ratio of e.g. 1:25, 25 revolutions are required on the input in order to achieve approx. 1 revolution with a torque of 2,500 N-m on the output. This is substantiated in terms of the physical formula: Power = torque x velocity (r.p.m.)

Because we must regard the input and output powers as constant, the multiplication of the torque can only be accomplished through an increased number of revolutions at the input. a torque wrench with a ratchet head function makes it easier for the user to quickly obtain the necessary rotary speeds.

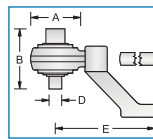




8600

UNIVERSAL TORQUE MULTIPLIER DREMOPLUS 1300-2700 N-m / 960-2000 lbf-ft

- T Guaranteed accuracy: Better than +/- 4% tolerance
- T For operation in combination with a torque wrench
- T With single-stage precision planet gear
- T Multiplication at the ratio of 1:5 effective
- T With 2 reaction devices



p e r f o r m a n c e

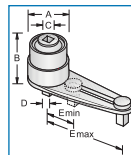
Code	No.	/
1193554	8600-01 Reaction bar for no. 8600 and 8608-01/-02	1050
7622370	8600-02 Spare square drive for no. 8600-10/-11	120
1193562	8600-03 Reaction foot for no. 8600 and 8608-01/-02	1400
1501593	8600-98 Black case, empty - for no. 8600-20	944
7622450	8600-99 Red case, empty - for no. 8600-10/-11	944

Code	No.	< max. N-m-Output	< max. lbf-ft-Output	g	Q °C	a " D	A	B	E _{min}	E _{max}	O	max. N-m-Input \$	max. lbf-ft-Input \$
7715110	8600-11 8600-02	1300	960	1:5	1/2	3/4	108	126	210	340	4.2	260	192
7715030	8600-10 8600-11 8600-01 8600-02 8600-03 K 32 27 32	1300	960	1:5	1/2	3/4	108	126	210	340	6.9	260	192
7692150	8600-20 8600-20 8600-01 8600-03	2700	2000	1:5	3/4	1	108	128	210	340	4.3	540	400

8601 - 8607

TORQUE MULTIPLIER DREMOPLUS 1700-47500 N-m / 1250-35000 lbf-ft

- T Guaranteed accuracy: Better than +/- 4% tolerance
- T For use in conjunction with a torque wrench
- T Model-dependent reaction plate/reaction arm
- T Torque multiplication ratios; 5:1, 25:1 or 125:1
- T Models with a torque multiplication ratio of 25:1 and above with anti-wind-up ratchet (AWUR)



r e s i s t a n c e

Code	No.	< max. N-m-Output	< max. lbf-ft-Output	g	Q °C	a " D	A	B	E _{min}	E _{max}	O	max. N-m-Input \$	max. lbf-ft-Input \$
7701240	8601-11	1700	1250	1:5	3/4	1	108	126	83	217	4.8	340	250
7703450	8601-13 RS	1700	1250	1:25	1/2	1	108	156	83	217	6.5	68	50
7701400	8602-21	2700	2000	1:5	3/4	1	119	143	86	264	7.2	540	400
7703290	8602-23 RS	2700	2000	1:25	1/2	1	119	187	86	264	10.0	108	80
7701670	8603-31	3400	2500	1:5	3/4	1.1/2	119	149	86	264	8.7	680	500
7704420	8603-34 RS	3400	2500	1:25	1/2	1.1/2	119	195	86	264	10.5	136	100
7704500	8603-35 RS	3400	2500	1:125	1/2	1.1/2	119	220	86	264	11.5	27	20
7701910	8604-44	6000	4500	1:5	3/4	1.1/2	144	165	146	333	13.6	1200	900
7702050	8604-45 RS	6000	4500	1:25	1/2	1.1/2	144	226	146	333	16.5	240	180
7702130	8604-46 RS	6000	4500	1:125	1/2	1.1/2	144	234	146	333	18.0	48	36
7702640	8605-53 RS	20000	14700	1:125	1/2	2.1/2	212	307		500	40.4	160	118
7702210	8605-62 RS	9500	7000	1:25	3/4	1.1/2	184	209	171	351	21.0	380	280
7702480	8605-63 RS	9500	7000	1:125	1/2	1.1/2	184	234	171	351	27.0	76	56
7702720	8607-73 RS	47500	35000	1:125	3/4	2.1/2	315	366			94.8	380	280





TORCOTRONIC II

Extremely simple to operate on account of the 3 multifunction keys



6 With 1/2" reversible ratchet. If the ratchet is replaced, it is possible to work with a 9x12 mm (8455-120) or 14x18 mm (8455-350) rectangular cavity



8455

ELECTRONIC TORQUE WRENCH TORCOTRONIC II 10-350 N-m / 7,4-258,2 lbf-ft

- T Microprocessor-controlled, electronic torque wrench
- T For controlled bi-directional tightening
- T Robust industrial design
- T High measurement accuracy: +/- 1% tolerance for all read-off values, +/- 1 digit
- T With 1/2" reversible ratchet. The ratchet is exchangeable, providing the option of using a 9x12 mm (8455-120) or 14x18 mm (8455-350) rectangular cavity
- T Large illuminated graphic LCD display
- T Easy operation with 3 multifunction buttons
- T Serial interface RS232
- T Incl. PC Software

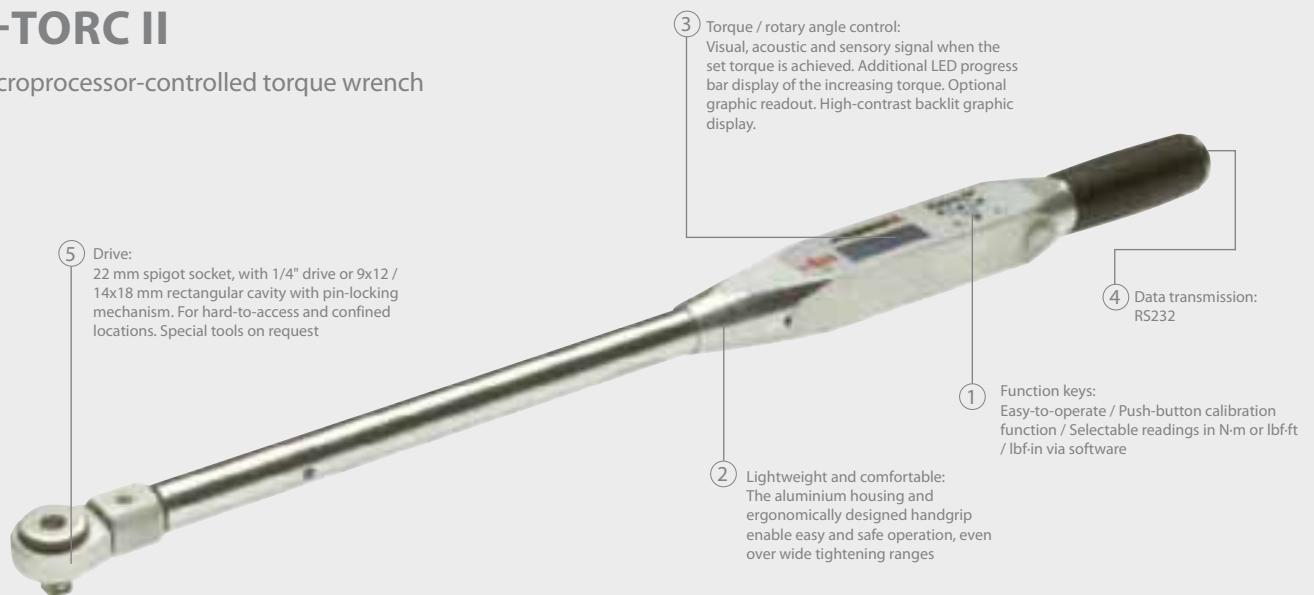
Attention: a PC, running a Windows® operating system (from Windows 2000®) is required to obtain the full benefit of all the functions of this product



Code	No.	a "	a	:	N-m	lbf-ft	Ø
1932136	8455-120	1/2	12,5	9 x 12	10-120	7,4-88,5	0,9
1932144	8455-350	1/2	12,5	14 x 18	70-350	51,6-258,2	1,3

E-TORC II

Microprocessor-controlled torque wrench



Manufacture, Sales Department & Service
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ELECTRONIC TORQUE TESTER DREMOTEST E

8612

- ELECTRONIC TORQUE TESTER DREMOTEST E 0,9-1100 N-m / 0,7 - 811 lbf-ft**
- T For verifying and setting clockwise torque wrenches in the range from 0.9-1100 N-m
 - T Simple, electronic torque tester with integrated torque transducer (DMS)
 - T With fixed hexagon female drive, 10, 17, 36 mm (model dependent)
 - T With 1/4", 3/8", 1/2" and 3/4" square drive adaptor (model dependent)
 - T High measurement accuracy: +/- 1% tolerance of reading, +/- 1 digit
 - T Break-Point-measurement (1st peak)
 - T Can be switched from N-m to lbf-ft
 - T Serial interface RS232
 - T Optionally available: adaptor for cigarette lighter socket (12 V), no. 8612-390

RMS
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Code	No.	-	N-m	lbf-ft	Adaptor Q	Q
1947699	8612-050	10	0,9-55	0,7-40,6	1/4", 3/8"	3.0
1856111	8612-300	17	9-320	7-236	3/8", 1/2"	3.0
1947702	8612-1000	36	90-1100	66-811	1/2", 3/4"	10.0
1878719	8612-390					0.2

ELECTRONIC TORSIONS TORQUE TESTER E-TP

The smart electronic torque tester series with the new torsion metrology 0.5-3150 N·m

The smart and modular system of the E-tp which is made possible by keeping separate the measuring and display instrument, convinces and offers the user an ideal measuring environment in any kind of operation. Depending on use, the display unit can easily be taken out and placed in another position, to enable the user to always have the display in optimal view.

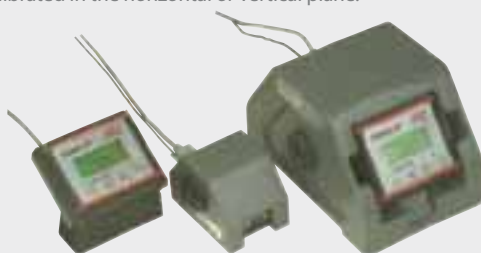
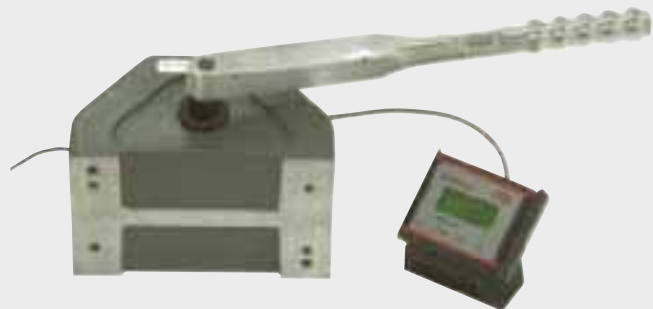
Your advantage:

In all applications the operating display is always in the direct field of vision and near to the operator. With the new E-tp you can avoid complicated and impractical measuring operations caused by a bad visibility of the display from a distance which is often the case at standard torque testers with a fixed display.

The E-tp tester enables a precise and comfortable operation, verifying and calibrating of all clockwise and anti-clockwise torque wrenches in the range of 0.5-3150 N·m. The torsion metrology, located in the robust aluminium housing, allows the user a horizontal as well as a vertical torque operation complying with standards (DIN EN ISO 6789).

Your advantage:

With one E-tp torque tester only, bi-directional torque wrenches can be tested and calibrated in the horizontal or vertical plane.



Manufacture, Sales Department & Service: Richard Abr. Herder KG · Rathausstr. 22 · 42659 Solingen · GERMANY
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TORQUE CALIBRATION ANALYSER

8612

TORQUE CALIBRATION ANALYSER DREMOTEST 0-25 N-m / 0-220 lbf-in

- T Guaranteed measuring accuracy: +/- 2% of read-out in the core range of 20 - 100 % of the scale
- T Dual scale in cN-m and ozf-in or N-m and lbf-in
- T Model no. 8612-700 suitable for clockwise and counter-clockwise calibration; all other models for clockwise tightening
- T For testing and setting clockwise torque wrenches and screwdrivers in the lower torque range of 0 - 25 N-m

ei
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&



Code	No.	k. "	Scale cN-m / N-m	Scale ozf-in / lbf-in	Adaptor	O
1824619	8612-700	1/4	0-10 cN-m	0-14 ozf-in		1.0
1824627	8612-710		7-35 cN-m	10-50 ozf-in	R i	1.7
1824635	8612-720		26-130 cN-m	36-180 ozf-in	R i	1.7
1824643	8612-730		0,8-4,0 N-m	7-36 lbf-in	R i	1.7
1824651	8612-740		2,4-12 N-m	24-120 lbf-in	R S	1.7
1824678	8612-750		5-25 N-m	44-220 lbf-in	R S	1.8

EMPTY STANDARD PACKAGING

PLASTIC CASSETTES EMPTY FOR DREMOMETER MINI + AM

- T Standard packaging for torque wrench sets DREMOMETER MINI and AM
- T Robust and durable, ideal for storage and transport
- T (III. similar)

8



Code	No.	/	G
1986805	753-88	296	G
	Plastic cassette + foam inlay for DREMO MINI		
7620910	8554-99	310	
	Plastic cassette + foam inlay for DREMO AM		

Accessories Sockets

For GEDORE sockets from 1/4" to 1" see page 96



Accessories Impact sockets

Where very high forces are the case, we strongly recommend the use of impact sockets. You find these products at GEDORE up from page 137



SHEET METAL CASE EMPTY FOR DREMOMETER A-F, W

- T Standard packaging for sets of the torque wrench sets DREMOMETER A-F, W
- T Robust and durable, ideal for storage and transport
- T With integrated metal dividers or pockets for the accessories

8



Code	No.	/
3064360	8261-90	140
	Sheet metal case for DREMO BW	
7621050	8560-90	1200
	Sheet metal case for DREMO A	
7621130	8561-90	1698
	Sheet metal case for DREMO B	
7621210	8562-90	1950
	Sheet metal case for DREMO BC/C	
7621800	8570-90	3224
	Sheet metal case for DREMO CD	
7621480	8563-90	3713
	Sheet metal case for DREMO D/DS	
7622100	8571-90	3656
	Sheet metal case for DREMO DR/DX	
7621560	8564-90	10300
	Sheet metal case for DREMO E	
1742876	8572-90	6400
	Sheet metal case for DREMO F	



TORCOFIX MODULE SYSTEMS

FLEXIBILITY WITH FLAIR

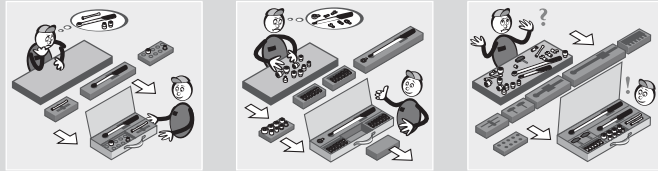
The R. A. Herder KG module system adapts itself exactly to your wishes and requirements. At last, you can assemble your sets completely individually. Exactly and only using the tools you actually need. For every need, our system provides you with the perfect solution. Whether you chose a standard or an individual solution, your TORCOFIX torque wrenches with or without accessories, are always stored and transported professionally by virtue of the new modular system design. Your set is flexibly alterable and extendible at all times. Just replace or add modules. The modules themselves are delivered with dummy plugs. Simply remove the plugs from the nest-holes you wish to load with your tools or accessory units. The remaining nest-holes remain closed - that's what we call neat.

And this is how it is done:

Just select the appropriate empty modules with the desired or already available tools and pick up a suitable case. Where necessary, fill with fill-in pieces (no. 1400-00) because the case must always be fully loaded.

Or else, even easier:

You tell us which tools you would like to combine into a set and we will then take care of the rest and you will get your desired set without delay. Finished and ready!



MODULES EMPTY

- Flexible and individual - usable in combination with the 1001/1003-90 metal cases (modular system)
- Solid and robust foam rubber inserts
- For TORCOFIX K, SE, UK, Z torque wrench series
- Flexible modular system allowing individual assembly of tool sets
- Available in 3 sizes and 16 different designs (see table)



8
0
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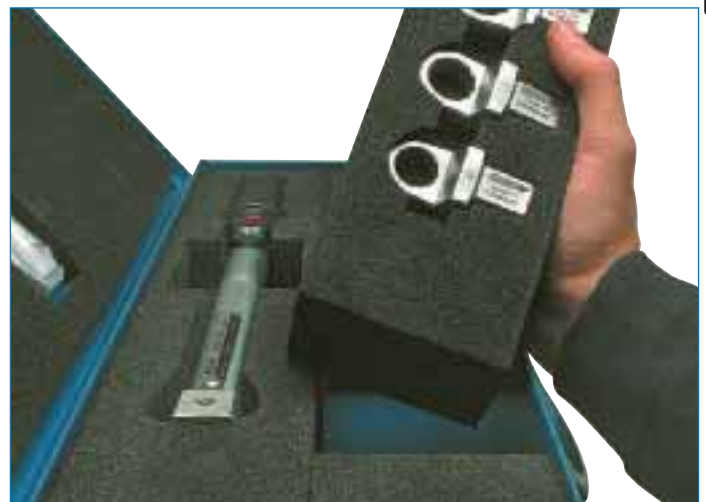
Code	No.	Number of nest-holes	L	W	H	/
1582747	1005-00 Module only - for TORCOFIX 4549	for 1 wrench + 5 parts	540	90	70	100
1233378	1010-00 Module only - for TORCOFIX up to 100 N-m	for 1 wrench + 1 ratchet head	540	90	70	100
1233394	1020-00 Module only - for TORCOFIX up to 400 N-m	for 1 wrench + 1 ratchet head	810	90	70	160
1582755	1105-00 Module only - for 1/4" sockets	for 13 parts	270	90	40	100
1582763	1106-00 Module only - for 1/4" screwdriver bit sockets	for 16 parts	270	90	40	100
1233432	1110-00 Module only - for 3/8" sockets and INBUS type end fittings	for 6 parts + 5 parts	270	90	40	30
1233424	1120-00 Module only small - for 1/2" sockets	for 11 parts	270	90	40	30
1233408	1130-00 Module only large - for 1/2" sockets	for 9 parts	270	90	40	28
1233467	1140-00 Module only - for 3/8" and 1/2" extensions	for 2 parts	270	90	70	48
1233513	1150-00 Module only - for 3/8" and 1/2" T-grip	for 2 parts	270	90	70	43
1233440	1210-00 Module only - for 3/8" and 1/2" INBUS and TORX type end fittings	for 6 parts	270	90	70	48
1233505	1220-00 Module only - for 16 Z spanner end fittings	for 6 parts	270	90	70	44
1233572	1310-00 Module only - for 9x12 mm spanner end fittings	for 7 parts	270	90	70	50
1233475	1320-00 Module only small - for 14x18 mm spanner end fittings	for 5 parts	270	90	70	49
1233491	1330-00 Module only large - for 14x18 mm spanner end fittings	for 4 parts	270	90	70	50
1233521	1400-00 Module only - fill-in piece without nest-holes	for 0 parts	270	90	70	49

SHEET METAL CASE EMPTY FOR TORCOFIX / MODULE



8
0
0

Code	No.	/
1149199	1001-90 Sheet metal case empty for TORCOFIX and modules	2655
1149210	1002-90 Sheet metal case empty for TORCOFIX and modules	3854
1149202	1003-90 Sheet metal case empty for TORCOFIX and modules	5111
1255762	1001-91 Cut-out for lid for 1001-90	10
1255770	1002-91 Cut-out for lid for 1002-90	10
1255789	1003-91 Cut-out for lid for 1003-90	10



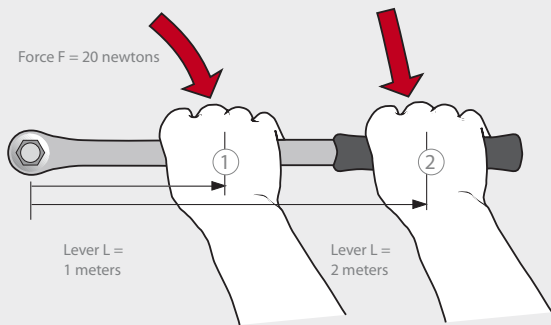


HOW IS THE TORQUE MEASURED?



The torque is calculated by multiplying the force "F" applied to the lever with the distance from the pivot point to the point of application "L" (length of the lever). Mathematically, that is expressed as follows: Torque $M_A = \text{Force } F \times \text{Lever } L$

Working principle



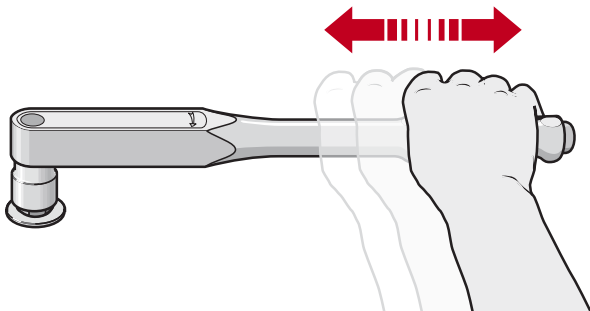
The diagram shows dependencies of force F and lever L on the torque on the base of 2 examples.

In order to determine the relevant torque, we employ the formula, $M_A = F \times L$.

- ① $M_A = F \times L = 20 \text{ N} \times 1 \text{ m} = 20 \text{ N}\cdot\text{m}$ (newton meters)
- ② $M_A = F \times L = 20 \text{ N} \times 2 \text{ m} = 40 \text{ N}\cdot\text{m}$ (newton meters)

This means that the actual torque applied to the screw changes if the hand's position on the wrench changes.

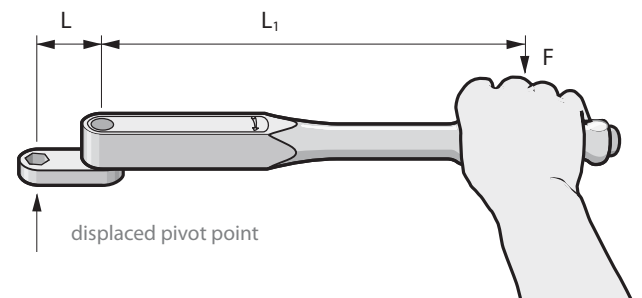
OPERABLE WITHOUT INACCURACIES



DREMOMETER TYPE MINI - F

In the DREMOMETER, we got around the physical principle explained above using constructional cleverness. Irrespective of where you apply the force - whether it be in the middle of the handgrip or at another position of the DREMOMETER, whether it be with both hands or using an extension tube - the torque set by you is always achieved exactly - without shifts in value! By virtue of an axial position of the pivot point and the output square drive, the DREMOMETER is a tool which is operable without inaccuracies. By contrast to conventional torque wrenches, this single lever enables tightening without shifts in the measured value and without actuation away from the handgrip adversely affecting the accuracy.

Please note that most conventional torque wrenches can only be actuated at the middle of the handgrip because, otherwise, considerable shifts in value could occur. Do you want to play it safe? Then choose DREMOMETER.



DREMOMETER WITH SPANNERS

When the DREMOMETER is actuated with a special extension spanner, the single lever mentioned above is no longer the case. The attached spanner alters the conditions to the extent that the pivot point is now situated outside of the output square drive and thus a so-called double lever (" $L_1 + L$ ") acts upon the screw connection. That has the consequence that the hand's pressure "F" can now only be applied to the middle of the handgrip. Every other pressure point would inevitably lead to shifts in value.

The set torque when using special spanners is determined along the following lines:

$$\text{Set torque} = \frac{M_A \times L_1}{L + L_1}$$

Our DREMOMETER and SE operate in accordance with the same principle. Here, the position of the pivot point also shifts to the front. These wrenches must also be actuated at the middle of the handgrip.

However, if you are using our norm-compliant standard spanner end fittings, then the setting torque does not have to be re-calculated on the basis of the below-specified formula. Here, we already take the gauge (L) into consideration when adjusting the wrench.

Only if you are using your own designs (therby changing the dimension "L") does the setting torque have to be re-calculated.

- F = Force
- L_1 = Distance (path) from the middle of the handgrip to the pivot point
- L = Distance (path) from the middle of the screw to the pivot point
- M_A = Torque

DREMOMETER
TYP C



DREMOMETER
TYP DL

DREMOMETER
TYP DZ



DREMOMETER
TYP W



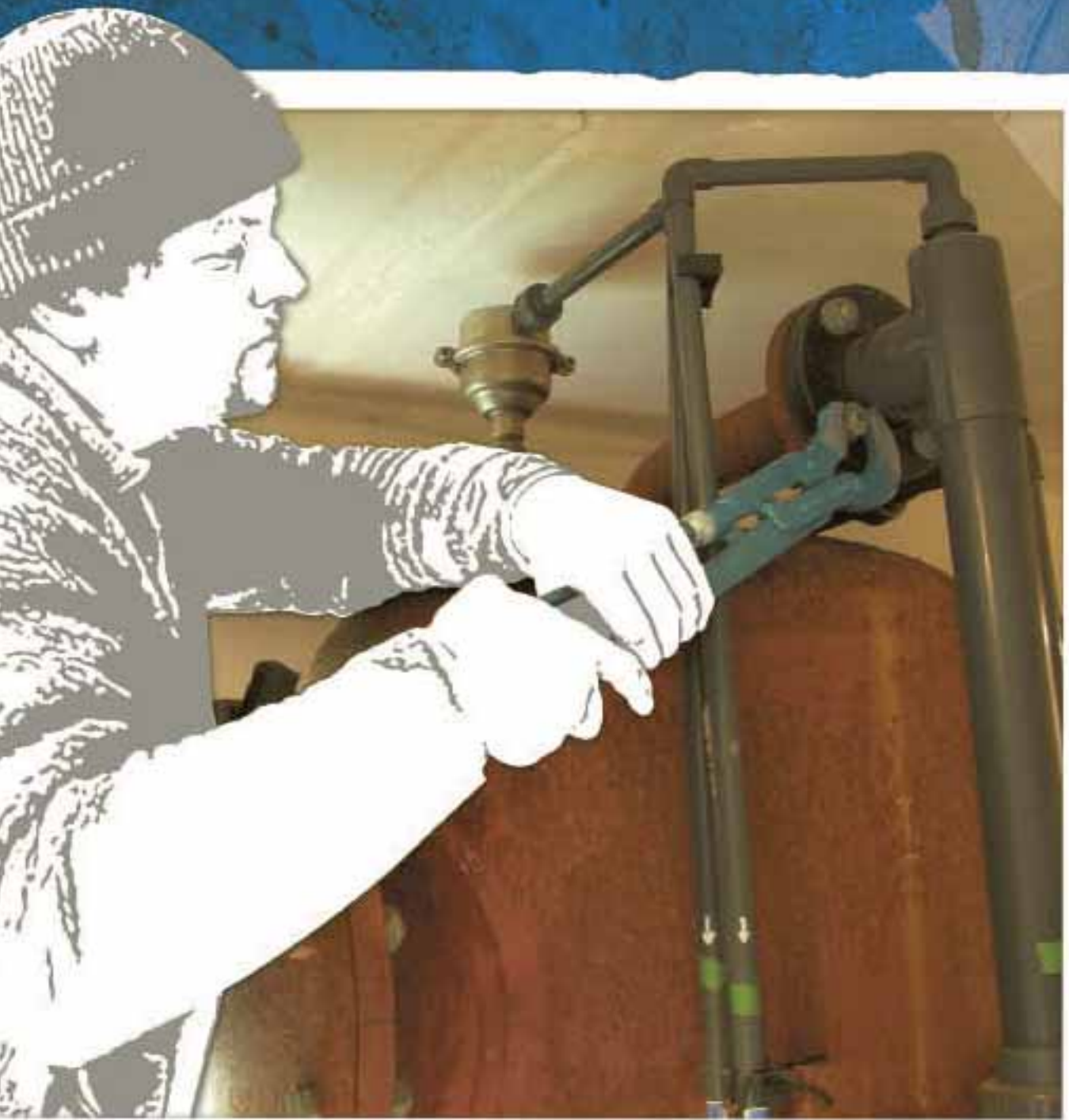
GEDORE

ALL AROUND THE PIPE

OVERVIEW

- ┆ Pipe wrenches
- ┆ Water pump pliers
- ┆ Tin snips
- ┆ Arc punches
- ┆ Pipe cleaning equipment
- ┆ Pipe bending systems
- ┆ Technical information







ECK-SCHWEDE-SNAP® - THE SWEDISH

Tried and tested bestseller with a powerful grip for more than 50 years

① The special, supplementary flame hardening of the teeth increases and improves the grip and durability of the snap®

①

②

Force is always applied by snap® simultaneously at three points, ensuring a secure grip with low hand pressure

③

Hook and leg made from drop-forged GEDORE chrome-vanadium special steel, hardened and tempered

⑤

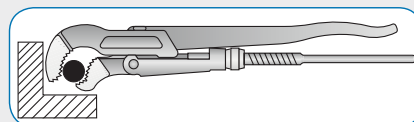
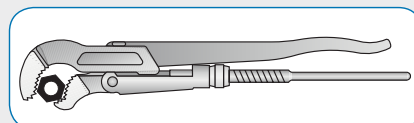
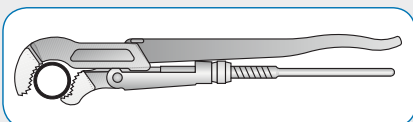
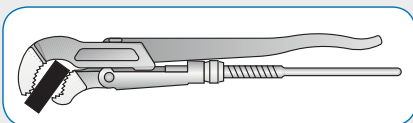
The mouth of the jaw opening is always narrower than the pipe diameter, reliably preventing the workpiece from slipping out. Securely grips pipes and screw couplings

④

Stove enamelling guarantees long-life protection



WORKING PRINCIPLE



The jaw form of the snap® reliably prevents the workpiece slipping out, and ensures maximum freedom of movement in confined spaces

The curvature of the jaws adapts ideally to different profiles, enabling the snap® to grip hexagonal nuts - gently and securely



MANUFACTURING PROCESS FOR PIPE WRENCHES

The pipe pliers comprise a hook, shaft, sleeve, knurled nut and locking ring. The individual parts are initially manufactured separately. Final machining is carried out on the assembled pipe wrench.

WRENCH - HOOK AND SLEEVE

Hook

- ① The blank is stamped in an eccentric press from steel flat stock. The steel used is GEDORE chrome-vanadium special steel. The thick head and slim shaft can already be identified
- ② The blank is heated precisely to forging temperature in the continuous furnace and then forged in a forging die
- ③ The excess material is removed by de-burring. Scale is removed by sand blasting and grinding
- ④ Thread cutting; the thread has a rounded geometry. The absence of sharp edges ensures that no chips or other contaminants can collect in the thread to hinder movement
- ⑤ The slot for the shaft is milled. The teeth are broached



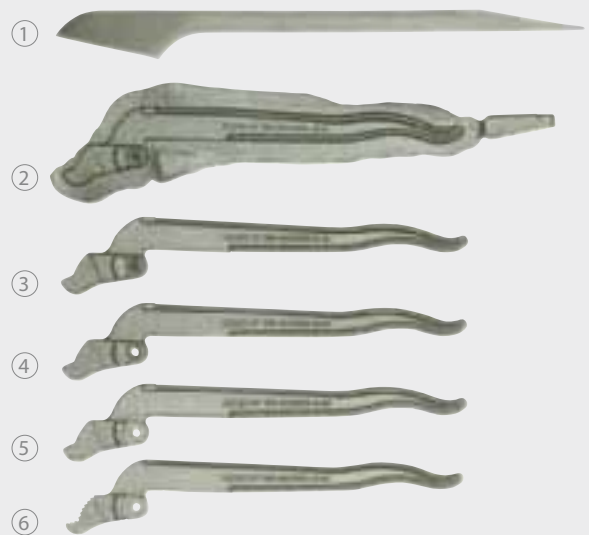
Sleeve

- ① The sleeve is stamped from steel
- ② The sleeve is pre-bent
- ③ The stamped geometry gives the finished sleeve high flexural strength. It is subsequently hardened in the continuous furnace



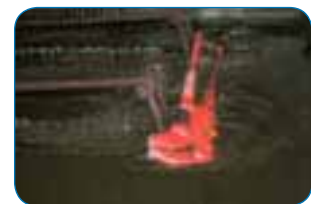
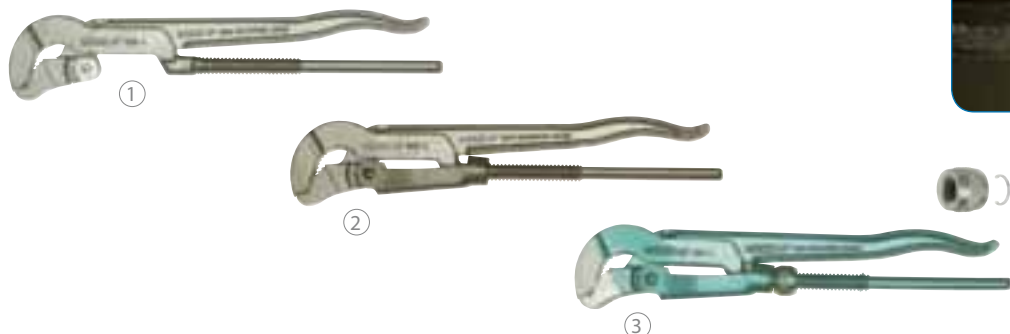
SHAFT

- ① The blank is stamped in an eccentric press from steel flat stock. The steel used is GEDORE chrome-vanadium special steel. The thick head and slim shaft can already be identified
- ② The blank is heated precisely to forging temperature in the continuous furnace and then forged in a forging die
- ③ The excess material is removed by de-burring. Scale is removed by sand blasting and grinding
- ④ The rivet hole for the sleeve is drilled
- ⑤ The joint is machined to its final geometry in the machining centre
- ⑥ The teeth are broached



ASSEMBLY AND END MACHINING:

- ① In the area of the slot, the hook is widened and pushed through the shaft. Once this is done, the hook is pressed back to its original size
- ② In the continuous furnace, the pipe wrench is heated to hardening temperature, quenched in a water bath and completely hardened through. To achieve the optimum combination of hardness and toughness, the wrench is annealed throughout. The teeth of GEDORE pipe wrenches are then once again flame hardened. The additional hardness this achieves ensures a long tool life. The sleeve is pushed on the shaft and riveted to the hook. Before entering the paint shop, the pipe wrench is straightened, descaled and degreased
- ③ The pipe wrench is stove enamelled. The side surfaces of the head are ground and treated with a corrosion-protection agent. The final step is to screw on the knurled nut and the locking ring



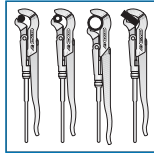


PIPE WRENCHES

100

ELBOW PIPE WRENCH ECK-SCHWEDE-SNAP® - THE SWEDISH THE ORIGINAL

- T To DIN 5234 Form C
- T Heavy-duty pipe wrench with three-point grip
- T For working in confined spaces
- T GEDORE chrome-vanadium special steel
- T Drop forged
- T Tempered, teeth additionally hardened
- T Teeth offset against direction of rotation
- T Roller secured against loss
- T Stove enamelled blue



Code	No.	Size	Ø	y	z	L
4500060	100 1/2	1/2	35	245	380	1
4500140	100 1	1	48	320	800	1
4500220	100 1.1/2	1.1/2	60	420	1400	1
4500300	100 2	2	80	550	2240	1
4500490	100 3	3	110	630	3580	1

9100

PIPE WRENCH S

- T To DIN 5234 Form C
- T For working in confined spaces
- T GEDORE chrome-vanadium special steel
- T Drop forged
- T Tempered, teeth additionally hardened
- T Teeth offset against direction of rotation
- T Roller secured against loss
- T Stove enamelled silver

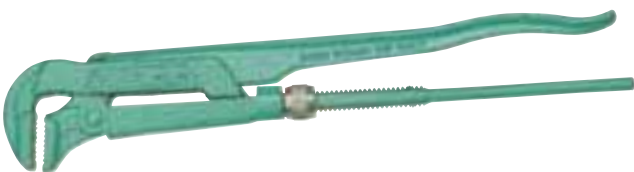
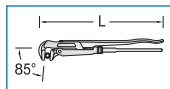


Code	No.	Size	Ø	y	z	L
4531960	9100 1/2	1/2	35	245	380	1
4532180	9100 1	1	48	320	800	1
4532260	9100 1.1/2	1.1/2	60	420	1400	1
4532340	9100 2	2	80	550	2240	1
4532420	9100 3	3	110	630	3580	1

175

PIPE WRENCH Swedish pattern

- T To DIN 5234 Form A
- T Especially sturdy type for heavy use
- T GEDORE chrome-vanadium special steel
- T Drop forged
- T Tempered, teeth additionally hardened
- T Teeth offset against direction of rotation
- T Roller secured against loss
- T Stove enamelled blue



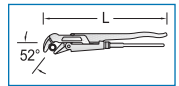
Code	No.	Size	Ø	L	z	L
6437260	175 3/4	3/4	38	280	450	1
6437340	175 1	1	44	320	680	1
6437420	175 1.1/2	1.1/2	62	430	1500	1
6437500	175 2	2	76	580	2600	1
6437690	175 3	3	105	670	3700	1
6437770	175 4	4	130	760	5200	1



176

ELBOW PIPE WRENCH

- T To DIN 5234 Form B
- T For working in confined spaces
- T Narrow head, multi-grip jaw pattern
- T GEDORE chrome-vanadium special steel
- T Drop forged
- T Tempered, teeth additionally hardened
- T Teeth offset against direction of rotation
- T Roller secured against loss
- T Stove enamelled blue



Code	No.	Size	Ø	L	z	L
6438070	176 3/4	3/4	38	280	450	1
6438150	176 1	1	44	320	680	1
6438230	176 1.1/2	1.1/2	62	430	1400	1
6438310	176 2	2	76	580	2600	1
6438580	176 3	3	105	670	3700	1

225

PIPE WRENCH STILLSON

- T Stillson type, forged parts hardened and tempered
- T Teeth offset against direction of rotation and induction-hardened
- T GEDORE special hardened and tempered steel
- T Ground up to 24°



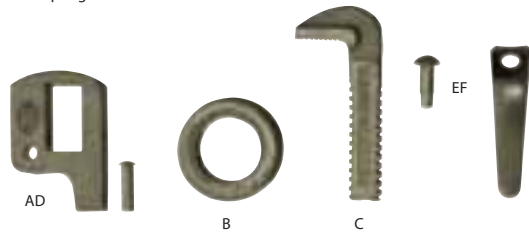
Code	No.	y	z	Ø	—	[	/	L
6450280	225 8	180	8	27	1.1/16	3/4	300	1
6450360	225 10	240	10	35	1.3/8	1	600	1
6450440	225 12	280	12	44	1.3/4	1.1/4	900	1
6450520	225 14	320	14	48	1.7/8	1.1/2	1100	1
6450600	225 18	410	18	60	2.3/8	2	1650	1
6450790	225 24	540	24	76	2.1/2	3	3000	1
6450870	225 36	920	36	100	3.1/2	4	5600	1
6450950	225 48	1220	48	145	5.3/4	5	9300	1



E-225

SPARE PARTS

- T Combine the spare part order No. with the correct size:
- T E-225 AD = housing and rivet
- T E-227 B = roller
- T E-227 C = jaw
- T E-227 EF = rivet and spring



Code	No.	Description	/	l
1490923	E-225 AD 8	Housing and rivet	50	1
1490931	E-225 AD 10	Housing and rivet	117	1
1490958	E-225 AD 12	Housing and rivet	156	1
1490966	E-225 AD 14	Housing and rivet	130	1
1490974	E-225 AD 18	Housing and rivet	250	1
1490982	E-225 AD 24	Housing and rivet	430	1
5440860	E-225 AD 36	Housing and rivet	660	1
5440940	E-225 AD 48	Housing and rivet	860	1
1490834	E-225 B 8	Roller	10	1
1490842	E-225 B 10	Roller	25	1
1490850	E-225 B 12	Roller	35	1
1490869	E-225 B 14	Roller	45	1
1490877	E-225 B 18	Roller	60	1
1490885	E-225 B 24	Roller	135	1
5448840	E-225 B 36	Roller	240	1
5448920	E-225 B 48	Roller	310	1
1490753	E-225 C 8	Jaw	85	1
1490761	E-225 C 10	Jaw	190	1
1490788	E-225 C 12	Jaw	260	1
1490796	E-225 C 14	Jaw	340	1
1490818	E-225 C 18	Jaw	470	1
1490826	E-225 C 24	Jaw	830	1
5449730	E-225 C 36	Jaw	1600	1
5449810	E-225 C 48	Jaw	2500	1
1490990	E-225 EF 8	Rivet and spring	3	1
1491008	E-225 EF 10	Rivet and spring	3	1
1491016	E-225 EF 12	Rivet and spring	3	1
1491040	E-225 EF 14	Rivet and spring	3	1
1491024	E-225 EF 18	Rivet and spring	3	1
1491032	E-225 EF 24	Rivet and spring	3	1
5452870	E-225 EF 36	Rivet and spring	10	1
5452950	E-225 EF 48	Rivet and spring	10	1

227

PIPE WRENCH American pattern

- T Extra heavy type
- T Forged parts hardened and tempered
- T Teeth offset against direction of rotation and induction-hardened
- T Handle made from malleable cast iron
- T GEDORE special hardened and tempered steel
- T Ground
- T Stove enamelled handles



Code	No.	y	z	O	—	l	/	l
6453030	227 8	190	8	38	1.1/2	1	400	1
6453110	227 10	245	10	48	1.7/8	1.1/2	750	1
6453460	227 14	325	14	60	2.3/8	2	1500	1
6453540	227 18	415	18	76	3	2.1/2	2400	1
6453620	227 24	560	24	89	3.1/2	3	4300	1

E-227

SPARE PARTS

- T Combine the spare part order no. with the correct size:
- T E-227 A = spare spring
- T E-227 B = spare adjuster screw
- T E-227 C = spare jaw with pin
- T E-227 D = spare hook



Code	No.	Description	/	l
1491245	E-227 A 8	Spring	1	1
1491253	E-227 A 10	Spring	2	1
1491261	E-227 A 14	Spring	5	1
1491296	E-227 A 18	Spring	6	1
1491318	E-227 A 24	Spring	8	1
1491121	E-227 B 8	Roller	12	1
1491148	E-227 B 10	Roller	25	1
1491164	E-227 B 14	Roller	50	1
1491172	E-227 B 18	Roller	80	1
1491180	E-227 B 24	Roller	140	1
1491199	E-227 C 8	Jaw with pin	25	1
1491202	E-227 C 10	Jaw with pin	35	1
1491210	E-227 C 14	Jaw with pin	60	1
1491229	E-227 C 18	Jaw with pin	85	1
1491237	E-227 C 24	Jaw with pin	150	1
1491067	E-227 D 8	Hook	110	1
1491075	E-227 D 10	Hook	210	1
1491091	E-227 D 14	Hook	440	1
1491105	E-227 D 18	Hook	720	1
1491113	E-227 D 24	Hook	1000	1

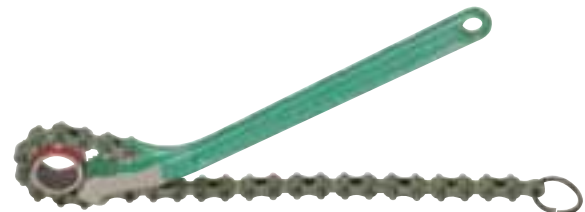
Detailed information on products, promotions and trade fairs
... www.gedore.com

CHAIN PIPE WRENCHES

120

CHAIN PIPE WRENCH BOSS®

- T Ideal for use in areas with restricted access
- T Ratchet-type operation
- T Handle in GEDORE chrome-vanadium special steel
- T Drop forged
- T Tempered, teeth additionally hardened



Code	No.	Size	l	y	/	l
4502350	120000	3/8-4	17-114	300	720	1

E 120

SPARE CHAIN BOSS®

Code	No.	y	/	l
4535280	120200	450	320	1



122

CHAIN PIPE WRENCH American pattern

- T High efficiency due to maximum-possible lever action
- T Tempered steel as per DIN 17200
- T With hardened exchangeable jaws, toothed on both sides



Code	No.	Size	y	Ø	l
4535360	122002	1/8-2	10-60	510	2.5
4535440	122003	1/4-3	13-89	710	4.0
4502430	122004	3/4-4	27-114	940	6.6
4502510	122006	1-6	33-168	1090	9.1
4548340	122008	1.1/2-8	48-219	1275	13.0
4548420	122012	2-12	60-324	1600	22.1

E 122

SPARE CHAIN



Code	No.	Size	y	Ø	l
4548500	122202	1/8-2	380	0.7	1
4548690	122203	1/4-3	490	1.0	1
4548770	122204	3/4-4	610	1.4	1
4548850	122206	1-6	850	2.2	1
4548930	122208	1.1/2-8	1080	3.3	1
4549070	122212	2-12	1450	5.7	1

E 122

SPARE JAWS Pair



Code	No.	Size	Ø	l
4549150	122302	1/8-2	0.3	1
4549230	122303	1/4-3	1.0	1
4549310	122304	3/4-4	1.5	1
4549580	122306	1-6	2.1	1
4549660	122308	1.1/2-8	2.6	1
4549740	122312	2-12	4.5	1

E 122

SPARE BOLTS Pair

Code	No.	Size	/	l
4549820	122402	1/8-2	27	1
4549900	122403	1/4-3	60	1
4550080	122404	3/4-4	57	1
4550160	122406	1-6	58	1
4550240	122408	1.1/2-8	92	1
4550320	122412	2-12	106	1

T more strap wrenches are listed up from page 271



STRAP WRENCHES

126

STRAP WRENCH

- T Very gentle to surfaces, particularly suitable for chrome-plated fittings and polished surfaces
- T Handle in light metal
- T With high-strength nylon strap



Code	No.	W	y	/	l
1468308	126008	27	220	300	325

E 126

SPARE STRAP

Code	No.	W	y	/	l
1468316	126208	27	950	35	1

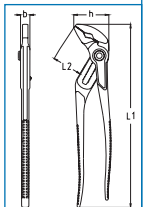
WATER PUMP PLIERS

T SB = self-service pack (plastic hanging clip, Euro perforation, for self-service display wallboard)

142

UNIVERSAL PLIERS

- T Acc. to DIN ISO 8976 Form C
- T With safety box joint and protection against blocking
- T Fine adjustment
- T Single-hand push-button adjustment
- T Long slim jaws
- T Long jaws, slim handles with forged serrations in execution C
- T Offset gripping faces for self-gripping of nuts and pipes
- T GEDORE chrome-vanadium special steel
- T Induction-rehardened serrated faces
- T SB = self-service pack
- T 142 10 = 15 settings
- T 142 12 = 17 settings



Code	No.	L ₁	L ₂	b	h	Ø	/	l	G
6416260	142 10 C	250	39	7.5	48	38	310	5	
6416180	142 10 TL	255	39	7.5	48	38	320	5	
6416340	142 10 JC	260	39	7.5	48	38	350	5	
1995553	142 12 C	300	43	8.5	55	44	510	1	G
1995413	142 12 TL	300	43	8.5	55	44	530	1	G

Code	No.	L ₁	L ₂	b	h	Ø	/	l
1700138	SB 142 10 C	250	39	7.5	48	38	320	5
1700146	SB 142 10 JC	260	39	7.5	48	38	360	5
1700111	SB 142 10 TL	255	39	7.5	48	38	330	5



143

UNIVERSAL PLIERS 5 settings

- T Acc. to DIN ISO 8976 Form B
- T Forged twin-groove lay-on slip joint and toothed recess
- T Offset gripping faces for self-gripping of nuts and pipes
- T With finger protection
- T GEDORE chrome-vanadium special steel
- T Induction-rehardened serrated faces
- T E-143 = spare bolt, nut
- T SB = self-service pack



Code	No.	L ₁	L ₂	b	h	O	/	l
6410650	143 10 C	248	40	10.6	56	32	300	5
6415880	143 10 JC	252	40	10.6	56	32	350	5

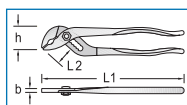
Code	No.	L ₁	L ₂	b	h	O	/	l
1700154	SB 143 10 C	248	40	10.6	56	32	310	5
1700162	SB 143 10 JC	252	40	10.6	56	32	360	5

Code	No.	Description	/	l
5410600	E-143 A 10	Set of spares	12	1

144

MECHANICS PLIERS 7 settings

- T Acc. to DIN ISO 8976 Form A
- T Lay-on slip joint and straight, serrated jaws
- T GEDORE chrome-vanadium special steel
- T Induction-rehardened serrated faces
- T E-144 = spare bolt, washer and nut



Code	No.	L ₁	L ₂	b	h	O	/	l
6411110	144 4.1/2 C	113	13	3.8	23	16	50	1
6411380	144 7 C	175	22	5.5	35	26	150	1

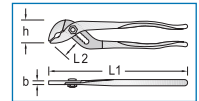
Code	No.	Description	/	l
5411170	E-144 A 4.1/2	Set of spares	7	1
5411330	E-144 A 7	Set of spares	10	1

Deviant packing units see article description.

145

WATER PUMP PLIERS

- T Acc. to DIN ISO 8976 Form A
- T Lay-on slip joint and toothed recess
- T Induction-rehardened serrated faces, with finger protection
- T GEDORE chrome-vanadium special steel
- T Execution C = handles cross-hatched
- T Execution JC = with 2-component handle sleeves
- T 145 10 = 7 settings, with extra narrow jaws
- T 145 15 = 9 settings
- T 145 20 = 11 settings
- T E-145 = spare bolt, washer and nut
- T SB = self-service pack



Code	No.	L ₁	L ₂	b	h	O	/	l
6412000	145 10 C	250	41	7.8	47	39	320	5
6415610	145 10 JC	260	41	7.8	47	39	330	5
6412190	145 15 C	375	46	10.4	72	50	700	1
6412270	145 20 C	500	55	13.8	98	65	1450	1

Code	No.	L ₁	L ₂	b	h	O	/	l
1700073	SB 145 10 C	250	32	7.8	47	39	330	5
1700081	SB 145 10 JC	260	32	7.8	47	39	340	5

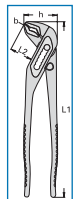
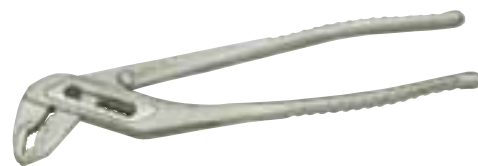
Code	No.	Description	/	l
5412140	E-145 A 15	Set of spares 3-5a	20	1
5412220	E-145 A 20	Set of spares 3-5b	35	1



146

UNIVERSAL PLIERS 7 settings

- T Acc. to DIN ISO 8976 Form C
- T With safety box joint and finger protection
- T Offset gripping faces for self-gripping
- T GEDORE chrome-vanadium special steel
- T Induction-rehardened serrated faces
- T SB = self-service pack



Code	No.	L ₁	L ₂	b	h	O	/	l
6413240	146 10 CP	250	32.5	4.8	48	31	355	5

Code	No.	L ₁	L ₂	b	h	O	/	l
1700103	SB 146 10 CP	250	32.5	4.8	48	31	365	5

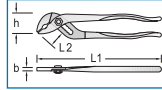
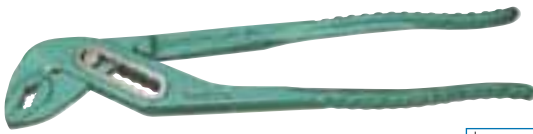




9144

WATER PUMP PLIERS

- T To DIN ISO 8976
- T Chrome-vanadium steel
- T With box joint
- T Drop forged

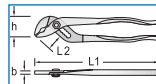


Code	No.	L ₁	L ₂	b	h	O	/	l
4533230	914417	175	28	7.0	33	26	150	5
4533310	914424	240	35	7.5	40	33	290	5
4533580	914430	300	40	9.0	60	45	480	5

146 B

SPECIAL WATER PUMP PLIERS 5 settings

- T Acc. to DIN ISO 8976 Form C
- T Quick-setting tooth-lock box joint, with toothed recess
- T Absolutely safe and positive - will not slip out of adjustment in use
- T With finger protection
- T GEDORE chrome-vanadium special steel, chrome-plated and polished
- T SB = self-service pack



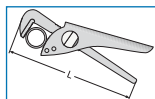
Code	No.	L ₁	L ₂	b	h	O	/	l
6412510	146 B 10	250	45	8	55	50	480	1

Code	No.	L ₁	L ₂	b	h	O	/	l
1700170	SB 146 B 10	250	45	8	55	50	490	1

152

HIGH-SPEED PIPE WRENCH with screw adjuster

- T Powder-coated blue hammer finish
- T Forged components
- T Induction-rehardened serrated faces
- T Quick and easy setting with screw adjuster - single-hand adjustment
- T Gripping faces selfinhibiting
- T SB = self-service pack



Code	No.	L	L'	O	—	Pipes	Sockets	/	l
6419280	152 7	178	7	35	1.3/8	1"	3/4"	295	1
6419360	152 9	228	9	42	1.5/8	1.1/4"	1"	515	1
6419440	152 11	281	11	61	2.3/8	2"	1.3/4"	815	1
6419520	152 12	315	12	74	3	2.1/2"	2"	1000	1
6419600	152 14	360	14	90	3.9/16	3"	—	1600	1

Code	No.	L	L'	O	—	Pipes	Sockets	/	l
1700057	SB 152 7	178	7	35	1.3/8	1"	3/4"	305	1
1700065	SB 152 9	228	9	42	1.5/8	1.1/4"	1"	525	1

152 NI

HIGH-SPEED PIPE WRENCH NICKEL-PLATED with screw adjuster

- T Nickel-plated
- T Single-hand adjustment
- T Gripping faces selfinhibiting
- T SB = self-service pack



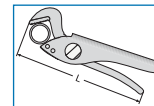
Code	No.	L	L'	O	—	Pipes	Sockets	/	l
1826700	152 9 NI	228	9	42	1.5/8	1.1/4"	1"	520	1
1826727	152 12 NI	315	12	74	3	2.1/2"	2"	1000	1



152 G

HIGH-SPEED PIPE WRENCH curved, with screw adjuster

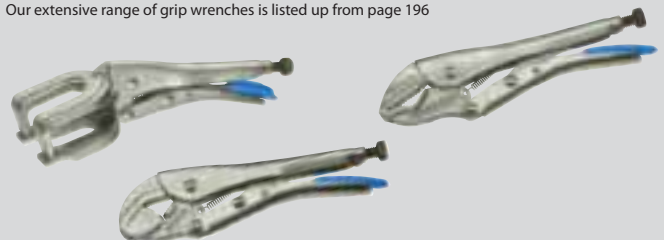
- T Powder-coated blue hammer finish
- T Forged components
- T Induction-rehardened serrated faces
- T Quick and easy setting with screw adjuster - single-hand adjustment
- T Gripping faces selfinhibiting
- T SB = self-service pack



Code	No.	L	L'	O	—	Pipes	Sockets	/	l
1394835	152 G-7	175	7	35	1.3/8	1"	3/4"	250	1
1394843	152 G-9	225	9	42	1.5/8	1.1/4"	1"	520	1
1394851	152 G-12	300	12	74	3	2"	2"	900	1

Code	No.	L	L'	O	—	Pipes	Sockets	/	l
1700537	SB 152 G-7	175	7	35	1.3/8	1"	3/4"	260	1
1700545	SB 152 G-9	225	9	42	1.5/8	1.1/4"	1"	530	1

T Our extensive range of grip wrenches is listed up from page 196





PIPE CUTTERS

210

LINK PIPE CUTTER for steel and SML pipes

- T Low space requirements
- T Can be shortened or extended
- T Cutting wheel for cast iron pipes no. 211200 can be used

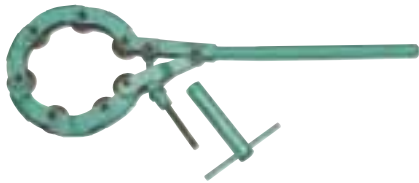


Code	No.	up to	Cutting wheels	Ø	l
4536170	210010	100	3	4.9	1
4550910	210012	125	4	5.3	1
4536250	210015	150	5	5.7	1
4551050	210017	175	6	6.1	1
4536330	210020	200	7	6.5	1
4551130	210025	250	9	7.3	1
4551210	210030	300	11	8.1	1

211

LINK PIPE CUTTER for cast iron pipes

- T Low space requirements
- T Can be shortened or extended
- T Cutting wheel for steel pipes no. 210200 can be used



Code	No.	up to	Cutting wheels	Ø	l
4536760	211010	100	3	4.9	1
4551560	211012	125	4	5.3	1
4546990	211015	150	5	5.7	1
4551720	211017	175	6	6.1	1
4536840	211020	200	7	6.5	1
4551800	211025	250	9	7.3	1
4551990	211030	300	11	8.1	1

E 210-211

SPARE PARTS

Code	No.	y	l
4536410	210200	50 x 11 x 11	80
Cutting wheel for steel			
4536920	211200	50 x 11 x 11	88
Cutting wheel for cast iron			
4551480	210500		290
Spare link			
4536680	210600		27
Spare bolt			

220

PIPE CUTTER TUBEX® for steel pipes

- T Heavy-duty pipe cutter with 1 cutting wheel
- T Frame in malleable cast steel, size 1.1/4 forged
- T Cutting wheels for cast iron pipes and niro pipes can be used (sizes 2" and 4")



Code	No.	Size	y	Ø	l
4503320	220012	1/8-1.1/4	10-42	275	1.3
4503400	220020	1/8-2	10-60	380	2.9
4503590	220040	1.1/4-4	42-114	520	5.0

221

PIPE CUTTER TUBEX® for cast iron pipes

- T Heavy-duty pipe cutter with 1 cutting wheel
- T Frame in malleable cast steel
- T Cutting wheels for steel pipes and niro pipes can be used



Code	No.	Size	y	Ø	l
4624380	221020	1/8-2	10-60	380	2.9
4552880	221040	1.1/4-4	42-114	520	5.0

222

PIPE CUTTER TUBEX® for steel pipes

- T Heavy-duty pipe cutter with 3 cutting wheels
- T Ideal for working in confined, hard-to-reach places, since the cutter does not need to be turned through 360°
- T Frame in malleable cast steel, size 1.1/4" forged
- T Cutting wheels for cast iron pipes and niro pipes can be used (sizes 2" and 4")



Code	No.	Size	y	Ø	l
4553260	222012	1/8-1.1/4	10-42	275	1.2
4537060	222020	1/8-2	10-60	380	2.7
4553420	222040	1.1/4-4	42-114	520	4.8

223

PIPE CUTTER TUBEX® for cast iron pipes

- T Heavy-duty pipe cutter with 3 cutting wheels
- T Ideal for working in confined, hard-to-reach places, since the cutter does not need to be turned through 360°
- T Frame in malleable cast steel
- T Cutting wheels for steel pipes and niro pipes can be used



Code	No.	Size	y	Ø	l
4625190	223020	1/8-2	10-60	380	2.7
4721070	223040	1.1/4-4	42-114	520	4.8

E 220-223

SPARE PARTS

Code	No.	y	l
4503670	220212	25 x 14 x 7.5	13
Cutting wheel for steel 1/8-1.1/4"			
4503750	220220	32 x 19 x 9.0	28
Cutting wheel for steel 1/8-2"			
1524038	220221	32 x 19 x 9.0	28
Cutting wheel for niro 1/8-2"			
4503830	220240	41 x 19 x 9.0	38
Cutting wheel for steel 1.1/4-4"			
1516884	220241		40
Cutting wheel for niro 1.1/4-4"			
4552960	221220	32 x 19 x 9.0	40
Cutting wheel for cast iron 1/8-2"			
4553180	221240	41 x 19 x 9.0	64
Cutting wheel for cast iron 1.1/4-4"			
4552020	220512		40
Pressure roller 1/8-1.1/4"			
4552100	220520		117
Pressure roller 1/8-2"			
4552290	220540		108
Pressure roller 1.1/4-4"			
4552370	220612		8
Wheel and pressure roller bolt 1/8-1.1/4"			
4552450	220620		15
Wheel bolt 1/8-2"			
4552530	220640		19
Wheel and pressure roller bolt 1.1/4-4"			
4552610	220720		23
Pressure roller bolt 1/8-2" for 220+221			





218

HEAVY-DUTY PIPE CUTTER for stainless steel pipes

- T Easy cutting due to ball-bearing pressure rollers and cutting wheels
- T Body in pressure-cast aluminium
- T Cutting wheels with extremely long service life
- T No. 218030 with quick-release



Code	No.	l	y	/	l
1949748	218010	4-32	140	300	1
1949764	218020	5-45	170	390	1
1949772	218030	16-60	225	990	1

E 218

SPARE PARTS

Code	No.	Description	Measures	/	l
1949780	218210	Cutting wheel for 218010+020	22.0 x 7.9 x 5	5	1
1949799	218230	Cutting wheel for 218030	27.5 x 7.9 x 5	7	1
1974114	218310	Needle bearing for cutting wheel 218		1	1
1974041	218510	Pressure roller for 218010		3	1
1974068	218520	Pressure roller for 218020		5	1
1974076	218530	Pressure roller small for 218030		8	1
1974084	218531	Pressure roller big for 218030		8	1
1974025	218610	Spare bolt for 218010+020		3	1
1974033	218630	Spare bolt for 218030		5	1
1974092	218710	Pressure roller for 218010+020		5	1
1974106	218730	Pressure roller bolt for 218030		8	1



224

RATCHET PIPE CUTTER NIRO for stainless steel pipes

- T Low space requirements
- T Body in zinc-plated pressure-cast aluminium
- T With automatic infeed of the cutting wheel with every rotation
- T Cutting wheel with high service life
- T One spare cutting wheel included

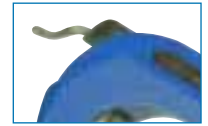


Code	No.	l	y	/	l
1600877	224011	16-35	260	930	1
1600885	224021	35-66	360	1710	1
1621440	224211	26 x 6.3 x 4.8		7	1
1621459	224611			3	1
Wheel bolt size 1 + 2					

225

PIPE CUTTER for copper pipes

- T Special compact design
- T Body in pressure-cast aluminium
- T With retractable deburring tool, spare cutting wheel in handle



Code	No.	l	y	/	l
1460412	225010	3-35	185	435	1

225

PIPE CUTTER NIRO for stainless steel pipes

- T Special compact design
- T Body in pressure-cast aluminium
- T With retractable deburring tool, spare cutting wheel in handle
- T Cutting wheel with high service life



Code	No.	l	y	/	l
1568418	225011	3-35	185	435	1

E 225

SPARE PARTS

Code	No.	Measures	/	l	
1467824	225210	19.5 x 4.8 x 5	5	1	
Cutting wheel					
1154710	230411	20 x 4.8 x 5.1	5	1	
Cutting wheel for stainless steel					
1467832	225510		40	1	
Pressure roller					
1467840	225610		3	1	
Wheel bolt					
1467859	225710		3	1	
Pressure roller bolt					

2261

SHEARS SET for plastic pipes


- T To cut plastic pipes
- T Also suitable for rubber hoses as well as various plastic profiled sections
- T Contains form blocks for 16, 19 and 25 mm pipes, 1 prism for profiles and 1 angle stop adjustable up to 45°
- T Delivery in plastic case no. 226090




Code	No.	l	l
1637983	226100	1.1	1





E 2261					
PARTS					
Code	No.	/	l		
1637975	226000	320	1		
	Shears for plastic pipes				
1637991	226001	36	1		
	Prism block 90°				
1638009	226002	29	1		
	Form block 16 + 19 mm				
1638017	226003	31	1		
	Form block 25 mm				
1638025	226004	69	1		
	Angle support				
1680137	226005	50	1		
	Spare knife				
1680145	226006	50	1		
	Standard support				
1637967	226090	570	1		
	Plastic case for 226100				

2265					
PIPE CUTTER for plastic pipes					
T Cutting knife driven via ratchet feed					
T Up to 35 mm Ø					
T Body in pressure-cast aluminium					
					
Code	No.	y	/	l	
1220470	226535	195	680	1	
	Pipe cutter for plastic pipes				
1231162	226635		30	1	
	Spare knife				


2268					
PIPE SHEARS for plastic pipes					
T Smooth and accurate cutting, one hand operation					
T Suitable to cut plastic pipes PE, PP, PVC, PVDF, PB and VPE					
T Also suitable for rubber hoses					
T Body from aluminium					
					
Code	No.	up to	/	l	
1746073	226842	42	440	1	
1952684	226863	63	650	1	

E 2268					
SPARE PARTS					
Code	No.	/	l		
1952692	226942	80	1		
	Spare knife for 226842				
1952706	226963	150	1		
	Spare knife for 226863				

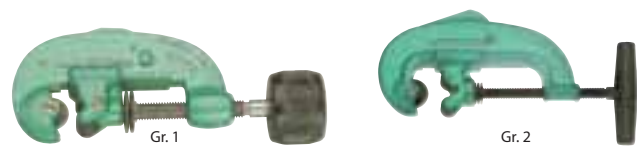
227					
PIPE CUTTER for plastic pipes					
T With high-speed adjustment feature					
T Frame in light-alloy					
T No. 227020: With fold-out deburring knife and spare cutting wheel in the handle					
T Cutting wheels for copper pipes can be used					
					
Code	No.	y	/	l	
4629260	227020	6-50	175	375	1
4629180	227055	50-140	350	1345	1

228					
PIPE CUTTER for copper pipes					
T With high-speed adjustment feature					
T Frame in light-alloy					
T No. 228020: With fold-out deburring knife and spare cutting wheel in the handle					
T Cutting wheels for plastic pipes can be used					
					
Code	No.	y	/	l	
4629770	228020	6-50	175	375	1
4629930	228055	50-140	350	1345	1

E 227 - E 228					
SPARE PARTS					
Code	No.	for No.	y	/	l
4629420	227220	-020	22 x 6.1 x 4.9	5	1
	Cutting wheel for plastic				
4629690	227255	-055	53 x 11 x 8	20	1
	Cutting wheel for plastic				
4630000	228220	-020	18 x 6.1 x 4.9	4	1
	Cutting wheel for copper				
4630190	228230	-055	23 x 11 x 8	11	1
	Cutting wheel for copper				
1467867	227520	-020		10	1
	Pressure roller for 227 + 228				
1467883	227555	-055		40	1
	Pressure roller for 227 + 228				
4632130	227620	-020		3	1
	Wheel bolt for 227 + 228				
4632210	227630	-055		10	1
	Wheel bolt for 227 + 228				
1467905	227720	-020		3	1
	Pressure roller bolt for 227+228				
1467921	227755	-055		5	1
	Pressure roller bolt for 227+228				

229					
PIPE CUTTER for copper pipes					
T Body in pressure-cast zinc					
T With mill in handle					
					
Code	No.	y	/	l	
4503910	229010	3-35	185	470	1

E 229					
SPARE PARTS					
Code	No.	y	/	l	
4504640	230210	20 x 4.8 x 5.1	5	1	
	Cutting wheel				
1154400	230511		4	1	
	Pressure roller				
4537220	229610		3	1	
	Wheel bolt				
1467948	230710		3	1	
	Pressure roller bolt				

2300					
PIPE CUTTER QUICK AUTOMATIC					
T Suitable for various materials					
T Body in pressure-cast zinc					
T Automatic infeed by plate springs					
T Fold-out deburring knife, with spare cutting wheel					
					
Code	No.	Size	y	/	l
4504050	230010	1	4-32	165	435
4504130	230020	2	13-65	275	1460



2303

PIPE CUTTER QUICK AUTOMATIC NIRO for stainless steel pipes

- T Body in pressure-cast zinc
- T Automatic infeed by plate springs
- T Cutting wheel with high service life



Code	No.	Size	r	y	/	l
1154990	230311	1	4-32	165	430	1
1154850	230321	2	13-65	275	1420	1

E 2300 - E 2303

SPARE PARTS

Code	No.	for size	r	y	/	l
4504640	230210	1	20 x 4.8 x 5.1	5	1	
	Cutting wheel					
4504800	230220	2	32 x 9.9 x 6.1	18	1	
	Cutting wheel					
1154710	230411	1	20 x 4.8 x 5.1	5	1	
	Cutting wheel for stainless steel					
1154680	230421	2	32 x 9.9 x 6.1	18	1	
	Cutting wheel					
1154400	230511	1		4	1	
	Pressure roller					
1154370	230521	2		30	1	
	Pressure roller					
1154656	230611	1		3	1	
	Wheel bolt					
1154540	230621	2		3	1	
	Wheel bolt					
1467948	230710	1		3	1	
	Pressure roller bolt					
1467956	230720	2		3	1	
	Pressure roller bolt					

231

PIPE CUTTER MINI-QUICK

- T Particularly suitable for barely-accessible places
- T Body in pressure-cast zinc



Code	No.	r	y	/	l
4504560	231000	4-16	50	125	1

E 231

SPARE PARTS

Code	No.	r	y	/	l
4504640	230210	20 x 4.8 x 5.1	5	1	
	Cutting wheel				
1154710	230411	20 x 4.8 x 5.1	5	1	
	Cutting wheel for stainless steel				
1467964	231510		2	1	
	Pressure roller				
1154656	230611		3	1	
	Wheel bolt				
1467972	231710		1	1	
	Pressure roller bolt				

2320

PIPE DEBURRING REAMER

- T For internal and external deburring of thin-walled pipes
- T Plastic body



Code	No.	r	y	/	l
1439510	232001	4-32	45	30	1

2325

PIPE DEBURRING REAMER for stainless steel pipes

- T For internal and external deburring of stainless steel pipes
- T Aluminium body
- T Hardened taper section with 40 deburring blades



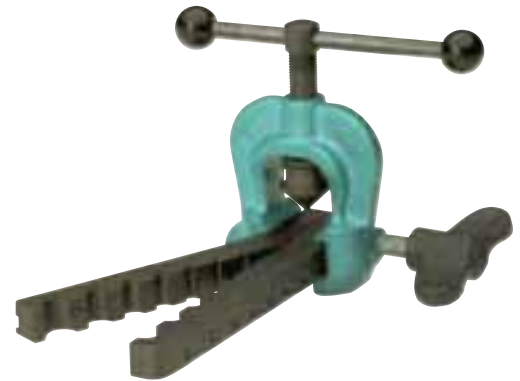
Code	No.	r	y	/	l
1419684	232500	10-56	85	420	1
1857681	232501	8-35	60	180	1

FLARING TOOLS

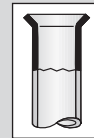
2330

FLARING TOOL BOERDEX®

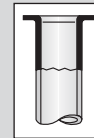
- T For flaring copper and light-alloy pipes, brass and soft steel pipes
- T Body in pressure-cast zinc, clamping jaws made from steel
- T Opening angle 90° = 45° angled from pipe



Code	No.	External pipe	r	l
4537300	233001	4 4,75 6 8 10 12 14	1.4	1
4554660	233007	3/16 1/4 5/16 3/8 7/16 1/2 5/8 3/4"	1.5	1
1919725	233009	15 16 17 18 19	1.4	1



90°



180°

with cone 233200

2333

FLARING TOOL SET BOERDEX®

- T For flaring copper and light-alloy pipes, brass and soft steel pipes
- T Body in pressure-cast zinc, clamping jaws made from steel
- T Opening angle 90° = 45° angled from pipe
- T With additional pipe cutter no. 230010 and cone for 180° flaring no. 233200
- T Delivery in sheet steel case no. 233909



Code	No.	External pipe	r	l
4555550	233301	4 4,75 6 8 10 12 14	2.9	1
4556280	233307	3/16 1/4 5/16 3/8 7/16 1/2 5/8 3/4"	3.0	1
1919733	233309	15 16 17 18 19	2.9	1

**E 233****PARTS**

Code	No.	/	l
4554150	233000 Flaring tool boerdex size 1	660	1
4554740	233057 Flaring tool boerdex size 7+9	620	1
4554820	233101 Clamping jaw size 1: 4-14 mm	620	1
4555470	233107 Clamping jaw size 7: 3/16-3/4"	680	1
1885162	233109 Clamping jaw size 9: 15-19 mm	620	1
4505450	233200 Cone for 180° flaring (= 90° angled from pipe)	15	1
4504050	230010 Pipe cutter QUICK AUTOMATIC 4-32 mm Ø	435	1
4556360	233909 Sheet steel case	1040	1

234**DOUBLE FLARING TOOL SET**

T For brake lines, coolant lines, hydraulic and pneumatic pipes with a wall thickness of 0.7 to 1.0 mm

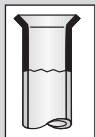
T Body in tempered cast iron GTW 40, clamping jaws made from steel

T Complete set for metric and/or inch pipes

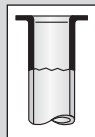
T Delivery in sheet steel case no. 234901



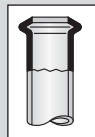
Code	No.	Ø	l
4505530	234001 for metric pipes 1 basic frame No. 234000 1 clamping jaw metric No. 234101 6 cones 4,75-10 mm No. 234204-234210 1 cone 90° for flare types D+E, No. 234790 1 cone metric, 180°, for flare types E+F, No. 234801 1 miniature pipe cutter 4-16 mm No. 231000 1 pipe deburring reamer 4-32 mm No. 232001 1 sheet steel case No. 234901	3.0	1
4537570	234002 for inch pipes 1 basic frame No. 234000 1 clamping jaw inch No. 234102 4 cones 3/16-3/8" No. 234303-234306 1 cone 90° for flare types D+E, No. 234790 1 cone inch, 180°, for flare types E+F, No. 234802 1 miniature pipe cutter 4-16 mm No. 231000 1 pipe deburring reamer 4-32 mm No. 232001 1 sheet steel case No. 234901	3.0	1
4662980	234013 for metric + inch pipes 1 basic frame No. 234000 1 clamping jaw metric No. 234101 1 clamping jaw inch No. 234102 6 cones 4,75-10 mm No. 234204-234210 4 cones 3/16-3/8" No. 234303-234306 1 cone 90° for flare types D+E, No. 234790 1 cone metric, 180°, for flare types E+F, No. 234801 1 cone inch, 180°, for flare types E+F, No. 234802 1 miniature pipe cutter 4-16 mm No. 231000 1 pipe deburring reamer 4-32 mm No. 232001 1 sheet steel case No. 234901	4.2	1



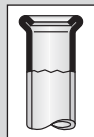
Flare D 90°



180°



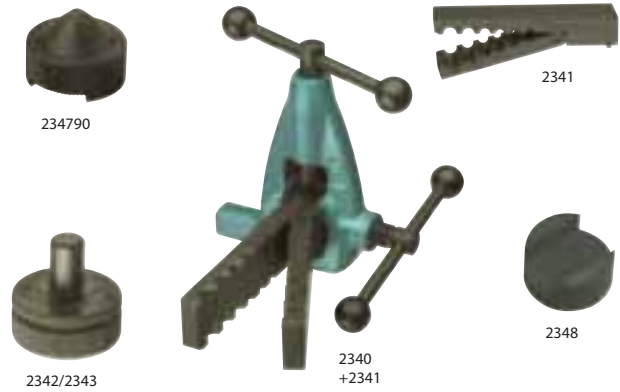
Flare F Open



Flare E double

E 234**PARTS**

T No. 234204-234210 and no. 234303-234306 for flares type E+F DIN 74234



Code	No.	/	l
4556440	234000 Basic frame	880	1
4556520	234101 Clamping jaw metric	760	1
4556600	234102 Clamping jaw inch	760	1
4556790	234204 Cone 4,75 mm	18	1
4556870	234205 Cone 5 mm	18	1
4556950	234206 Cone 6 mm	18	1
4557090	234208 Cone 8 mm	18	1
4557170	234209 Cone 9 mm	18	1
4557250	234210 Cone 10 mm	18	1
4557330	234303 Cone 3/16"	18	1
4557410	234304 Cone 1/4"	18	1
4557680	234305 Cone 5/16"	18	1
4557760	234306 Cone 3/8"	18	1
4557840	234790 Cone 90° for flare types D+E	16	1
4557920	234801 Cone (adjustment gauge), metric, 180°, for flare types E+F	11	1
4558060	234802 Cone (adjustment gauge), inch, 180°, for flare types E+F	11	1
4504560	231000 Pipe cutter MINI-QUICK, 4-16 mm	125	1
1439510	232001 Pipe deburring reamer	30	1
4558140	234901 Sheet steel case	1040	1

Detailed information on products, promotions and trade fairs

... www.gedore.com

**CALIBRATING TOOLS****239****CALIBRATING TOOL**

T For exact calibrating of tube ends
T For semi-hard and soft copper pipes



Code	No.	/	l
4506260	239010	10 x 1	62 1
4506340	239012	12 x 1	67 1
4506420	239015	15 x 1	138 1
4506500	239018	18 x 1	179 1
4506690	239022	22 x 1	270 1
4506770	239028	28 x 1,5	485 1

PIPE BENDING SYSTEMS

For further detailed technical information about pipe benders see page 381-383

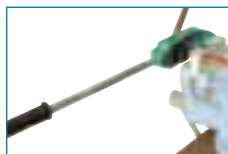
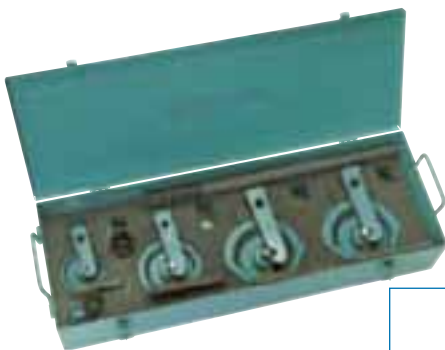


PIPE BENDER

240

PIPE BENDER SET

- T For pipes from 12 to 22 mm Ø, bends up to 180°
- T With slide rail for semi-hard or soft copper pipes DIN EN 1057, uncoated or coated soft steel pipes, as well as aluminium and brass pipes
- T With roller for coated copper pipes, uncoated or coated soft steel pipes, as well as aluminium and brass pipes
- T Designed for vice clamping
- T In assembly case no. 240090

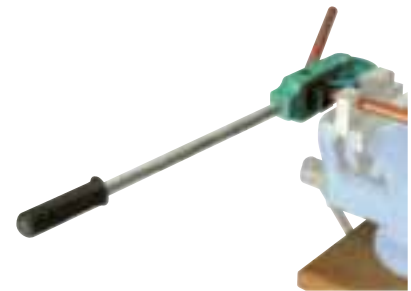


Code	No.	Ø
4537730	240001 1 ea. pipe bender with counter-support No. 240212, 12 mm Ø No. 240215, 15 mm Ø No. 240218, 18 mm Ø No. 240222, 22 mm Ø 1 ea. bending lever with slide rail No. 240162, 12 mm Ø No. 240165, 15 mm Ø No. 240168, 18 mm Ø No. 240172, 22 mm Ø 1 hand lever, 10-22 mm Ø No. 240318 1 pipe cutter 4-35 mm No. 922910 1 pipe deburring reamer 4-32 mm No. 232001 1 assembly case No. 240090	17.9
4632800	240501 1 ea. pipe bender with counter-support No. 240212, 12 mm Ø No. 240215, 15 mm Ø No. 240218, 18 mm Ø No. 240222, 22 mm Ø 1 ea. bending lever with roller No. 240662, 12 mm Ø No. 240665, 15 mm Ø No. 240668, 18 mm Ø No. 240672, 22 mm Ø 1 hand lever, 10-22 mm Ø No. 240318 1 pipe cutter 4-35 mm No. 922910 1 pipe deburring reamer 4-32 mm No. 232001 1 assembly case No. 240090	17.9
4562250	240090 Assembly case, empty	4.6

2400

PIPE BENDER with slide rail

- T For pipes from 12 to 22 mm Ø, bends up to 180°
- T With slide rail for semi-hard or soft copper pipes DIN EN 1057, uncoated or coated soft steel pipes, as well as aluminium and brass pipes
- T Designed for use with a vice

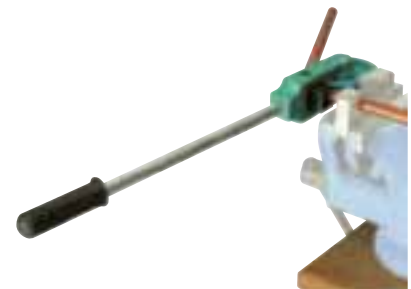


Code	No.	r = mm	Ø	l	G
2001284	240010	10	45	1.7	1 G
4561790	240012	12	45	1.7	1
4561870	240014	14	65	2.0	1
4561950	240015	15	65	2.1	1
4562090	240016	16	65	3.6	1
4562170	240018	18	80	3.5	1
4632560	240020	20	80	3.4	1
4537810	240022	22	80	4.4	1

2405

PIPE BENDER with roller

- T For pipes from 12 to 22 mm Ø, bends up to 180°
- T With roll cart for coated copper pipes, uncoated or coated soft steel pipes, as well as aluminium and brass pipes
- T Designed for use with a vice



Code	No.	r = mm	Ø	l	G
2001292	240510	10	45	1.7	1 G
4633020	240512	12	45	1.7	1
4633100	240514	14	65	2.0	1
4633290	240515	15	65	2.1	1
4633370	240516	16	65	3.6	1
4633450	240518	18	80	3.5	1
4633530	240520	20	80	3.4	1
4633610	240522	22	80	4.4	1

E 2402

BENDING FORMER with counter-support



Code	No.	r = mm	Ø	l	G
2001306	240210	10	45	0.7	1 G
4563060	240212	12	45	0.7	1
4563140	240214	14	65	1.0	1
4563220	240215	15	65	0.9	1
4563300	240216	16	65	1.8	1
4563490	240218	18	80	1.8	1
4632720	240220	20	80	1.7	1
4563570	240222	22	80	2.8	1



E 2401

BENDING LEVER with slide rail



Code	No.	r = mm	O	l	G
2001314	240110	10 45	1.0	1	G
4562330	240112	12 45	1.0	1	
4562410	240114	14 65	1.1	1	
4562680	240115	15 65	1.1	1	
4562760	240116	16 65	1.7	1	
4562840	240118	18 80	1.7	1	
4632640	240120	20 80	1.7	1	
4562920	240122	22 80	2.2	1	

E 2406

BENDING LEVER with roller



Code	No.	r = mm	O	l	G
2001322	240610	10 45	1.0	1	G
4633880	240612	12 45	1.0	1	
4633960	240614	14 65	1.1	1	
4634180	240615	15 65	1.1	1	
4634260	240616	16 65	1.7	1	
4634340	240618	18 80	1.7	1	
4634420	240620	20 80	1.7	1	
4634500	240622	22 80	2.2	1	

E 2401

BENDING FORK with slide rail

T Without hand lever



Code	No.	r = mm	O	l	G
2001330	240160	10 45	0.4	1	G
1595490	240162	12 45	0.4	1	
1745425	240164	14 65	0.9	1	
1262424	240165	15 65	0.9	1	
1745433	240166	16 65	0.9	1	
1745441	240168	18 80	1.4	1	
1745468	240170	20 80	1.4	1	
1745476	240172	22 80	1.4	1	



E 2406

BENDING FORK with roller

T Without hand lever



Code	No.	r = mm	O	l	G
2001349	240660	10 45	0.4	1	G
1745484	240662	12 45	0.4	1	
1745492	240664	14 65	0.9	1	
1745506	240665	15 65	0.9	1	
1745514	240666	16 65	0.9	1	
1745522	240668	18 80	1.4	1	
1745530	240670	20 80	1.4	1	
1745549	240672	22 80	1.4	1	

E 2403

HAND LEVER



Code	No.	for	/	l
4563730	240318	10-22	770	1

PIPE BENDING PLIERS

2410

PIPE BENDING PLIERS

T From 4.75 to 12 mm Ø, bends up to 180°

T For copper pipes DIN EN 1057 and all non-ferrous metal pipes

T Thin-walled precision steel pipes and brake lines



Code	No.	r = mm	y	/	l
4564460	241005	4,75-5,0	18	255	525 1
4564540	241006	6,0	18	275	520 1
4564620	241008	8,0	28	340	780 1
4564700	241010	10,0	28	400	1110 1
4634690	241012	12,0	35	400	1800 1

2415

PIPE BENDING PLIERS

T With bending formers for sizes 3/16" to 1/4" Ø (4,75 - 6 mm Ø) and

8 to 10 mm Ø bends up to 90°

T For copper pipes DIN EN 1057 and all non-ferrous metal pipes

T Thin-walled precision steel pipes and brake lines



Code	No.	y	/	l
1442007	241500	4,75-10,0	260	530 1





E 2415

SPARE BENDING FORMER



Code	No.	r	l	r = mm	/	l
1442910	241506	4,75-6,0	3/16-1/4	15	40	1
1442929	241510	8,0-10,0		15	40	1

2420

PIPE BENDING PLIERS with slide rail

T From 10 to 22 mm Ø, bends up to 90°
T For soft copper pipes DIN EN 1057



Code	No.	r	r = mm	y	Ø	l
1461516	242010	10,0	30	420	1.4	1
1461524	242012	12,0	30	420	1.4	1
1461532	242014	14,0	45	560	2.1	1
1409417	242015	15,0	45	560	2.2	1
1461540	242016	16,0	60	560	2.2	1
1409433	242018	18,0	74	820	3.0	1
1461567	242020	20,0	75	820	3.7	1
1461575	242022	22,0	75	820	5.4	1

2424

PIPE BENDING PLIERS with slide rail

T From 10 to 22 mm Ø, bends up to 90°
T For bendable steel pipes (max. wall thickness 1.5 mm)
T Also available on request with chemical nickel-plating



Code	No.	r	r = mm	y	Ø	l
4565350	242410	10,0	43	420	1.4	1
4626670	242412	12,0	43	420	1.4	1
4565430	242415	15,0	60	560	2.1	1
4565510	242418	18,0	74	820	2.9	1
4565780	242420	20,0	86	820	3.6	1
4565860	242422	22,0	86	820	4.3	1

2425

PIPE BENDING PLIERS HH with slide rail

T From 10 to 22 mm Ø, bends up to 90°
T For semi-hard and soft copper pipes DIN EN 1057

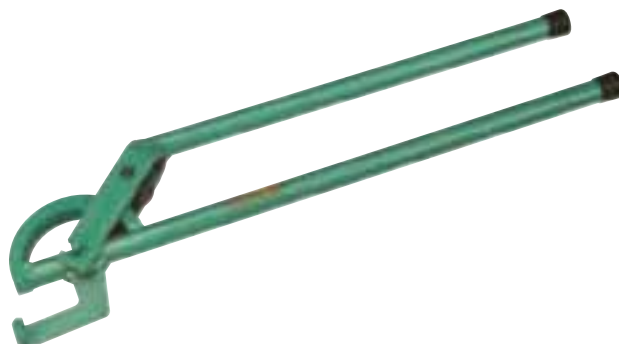


Code	No.	r	r = mm	y	Ø	l
1224697	242510	10,0	43	420	1.4	1
1224689	242512	12,0	43	420	1.4	1
1224670	242515	15,0	60	560	2.0	1
1224050	242518	18,0	74	820	2.8	1
1223720	242520	20,0	86	820	3.6	1
1223690	242522	22,0	86	820	4.1	1

2423

PIPE BENDING PLIERS with roller

T From 10 to 22 mm Ø, bends up to 90°
T For bendable steel and stainless steel pipes (max. wall thickness 1.5 mm)
T Also available on request with chemical nickel-plating



Code	No.	r	r = mm	y	Ø	l
4564890	242310	10,0	43	420	1.4	1
4564970	242312	12,0	43	420	1.4	1
4565000	242315	15,0	60	560	2.1	1
4565190	242318	18,0	74	820	2.9	1
4538030	242320	20,0	86	820	3.6	1
4565270	242322	22,0	86	820	4.2	1



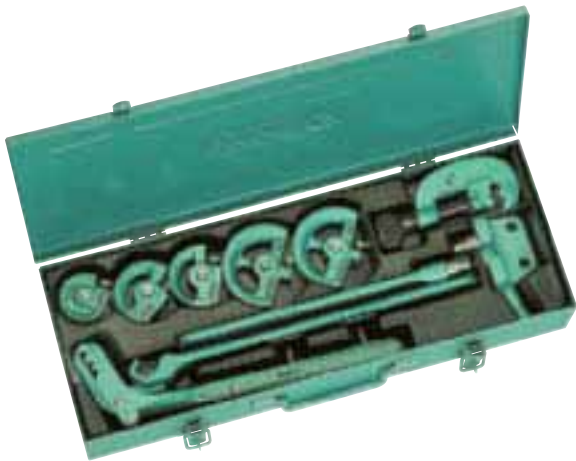


MANUAL BENDING TOOLS

243

MANUAL BENDING TOOL SET

- T In different sizes up to 90° or 180°
- T For soft copper pipes DIN EN 1057, heat insulated copper pipes, thin-walled precision steel pipes and other pipes in non-ferrous metals
- T Use in a vice possible with bending former holder no. 243040
- T Delivery in assembly case No. 243090
- T Special sets may be assembled to order



Code	No.	Q
4568450	243100 1 bending lever 90° No. 243010 1 hand lever 90° No. 243020 1 hand lever 180° No. 243030 1 bending former holder, stationary No. 243040 1 bending former 8 mm Ø No. 243051 1 bending former 10 mm Ø No. 243053 1 bending former 12 mm Ø No. 243055 1 bending former 14 mm Ø No. 243057 1 bending former 15 mm Ø No. 243058 1 pipe cutter 4-32 mm Ø No. 230010 1 sheet steel case No. 243090	8.7
4538380	243200 1 bending lever 90° No. 243010 1 hand lever 90° No. 243020 1 bending former 8 mm Ø No. 243051 1 bending former 10 mm Ø No. 243053 1 bending former 12 mm Ø No. 243055 1 bending former 15 mm Ø No. 243058 1 sheet steel case No. 243090	6.3
4568530	243600 1 bending lever 90° No. 243010 1 hand lever 90° No. 243020 1 hand lever 180° No. 243030 1 bending former holder, stationary No. 243040 1 bending former 5/16" Ø No. 243065 1 bending former 3/8" Ø No. 243066 1 bending former 7/16" Ø No. 243067 1 bending former 1/2" Ø No. 243068 1 bending former 5/8" Ø No. 243069 1 pipe cutter 4-32 mm Ø No. 230010 1 sheet steel case No. 243090	8.8
4568610	243700 1 bending lever 90° No. 243010 1 hand lever 90° No. 243020 1 bending former 5/16" Ø No. 243065 1 bending former 3/8" Ø No. 243066 1 bending former 1/2" Ø No. 243068 1 bending former 5/8" Ø No. 243069 1 sheet steel case No. 243090	6.3

E 243

PARTS



Code	No.	/
4566320	243010 Bending lever 90 degrees	980
4566400	243020 Hand lever 90 degrees	580
4566590	243030 Hand lever 180 degrees	520
4566670	243040 Bending former holder, stationary	1020
4504050	230010 Pipe cutter QUICK AUTOMATIC 4-32 mm Ø	435
4568370	243090 Sheet steel case	3460



E 243

BENDING FORMER



Code	No.	[	WICU*	r = mm	/	l
4566750	243050	6,0		28	225	1
4566830	243051	8,0		28	200	1
4566910	243052	9,0		28	210	1
4567050	243053	10,0	6	35	320	1
4567130	243054	11,0		35	325	1
4567210	243055	12,0	8	35	300	1
4567480	243056	13,0		45	520	1
4567560	243057	14,0	10	45	460	1
4567640	243058	15,0		45	420	1
4567720	243059	16,0	12	45	405	1
4567800	243065	5/16	7,9	28	220	1
4567990	243066	3/8	9,5	35	340	1
4568020	243067	7/16	11,1	35	315	1
4568100	243068	1/2	12,7	45	495	1
4568290	243069	5/8	15,9	45	410	1





244

MANUAL BENDING TOOL SET

- T In different sizes up to 180°
- T For copper pipes DIN EN 1057, heat insulated copper pipes, steel pipes and other pipes in non-ferrous metals, hydraulic pipes
- T For use in a vice
- T Power enhancing lever mechanism for easy operation
- T Delivery in assembly case no. 244090
- T Special sets may be assembled to order



Code	No.	Ø
4571750	244100 1 basic tool body No. 244070 1 bending lever No. 244080 6 bending formers for pipes with Ø 15, 16, 18, 20, 22, 28 mm 1 pipe cutter 4-32 mm Ø No. 230010 1 sheet steel case No. 244090	25.4
4571830	244200 1 basic tool body No. 244070 1 bending lever No. 244080 4 bending formers for pipes with Ø 15, 18, 22, 28 mm 1 sheet steel case No. 244090	22.4
4573450	244600 1 basic tool body No. 244070 1 bending lever No. 244080 4 bending formers for pipes with Ø 5/8, 3/4, 7/8, 1" 1 pipe cutter 4-32 mm Ø No. 230010 1 sheet steel case No. 244090	22.8
4568880	244010 1 basic tool body No. 244070 1 bending lever No. 244080 1 sheet steel case No. 244090 without bending formers	14.3

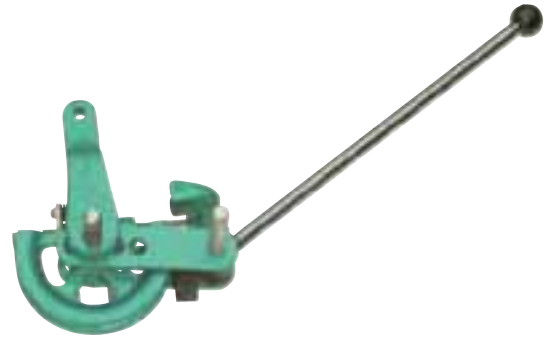
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E 244

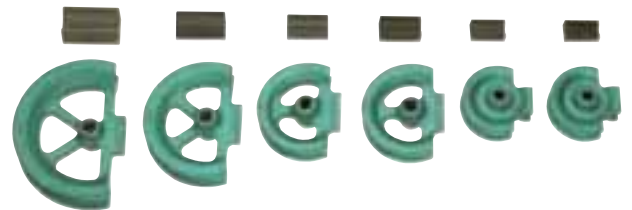
PARTS



Code	No.	Ø	l
4569930	244070 Basic tool body	4.9	1
4571590	244080 Bending lever	2.4	1
4504050	230010 Pipe cutter QUICK AUTOMATIC 4-32 mm Ø	0.4	1
4571670	244090 Sheet steel case	7.0	1

E 244

BENDING FORMER with slide rail



Code	No.	r	r = mm	Ø	l
4571910	244210		10,0	40	0.9 1
4572050	244212		12,0	40	0.9 1
4572210	244214		14,0	50	1.2 1
4572480	244215		15,0	50	1.1 1
4572560	244216		16,0	50	1.1 1
4572720	244218		18,0	65	1.5 1
4572800	244220		20,0	65	1.4 1
4572990	244222		22,0	85	2.3 1
4573100	244225		25,0	100	3.5 1
4573290	244228		28,0	100	3.2 1
4573370	244230		30,0	100	3.1 1
4568960	244035	5/8	15,9	50	1.1 1
4569180	244036	3/4	19,05	65	1.5 1
4569260	244037	7/8	22,2	85	2.1 1
4569340	244038	1	25,4	100	3.4 1

2450

COPPER PIPE BENDING SPRING

- T From 6.5 to 16 mm
- T For soft copper pipes DIN EN 1057



Code	No.	y	z	l
4573610	245006	6,5	250	55 5
4538460	245008	8,0	250	90 5
4538540	245010	10,0	275	110 5
4538620	245012	12,0	300	180 5
4538700	245015	15,0	300	200 5
4574180	245016	16,0	300	275 5



**2454****PIPE BENDER SET FOR COMPOSITE PIPES hydraulic**

- T From 16 to 32 mm Ø, bends up to 90°
- T For multi-layer composite pipes
- T Hydraulic drive without great effort
- T In plastic case no. 245490



Code	No.	Ø
1443550	245410 1 basic tool, hydraulic no. 245670 4 bending formers with supports for pipes with Ø 16, 20, 26, 32 mm 1 plastic case no. 245490	7.3
1443348	245400 1 basic tool, hydraulic no. 245670 1 plastic case no. 245490 without bending formers and supports	4.1

2456**PIPE BENDER SET hydraulic**

- T From 10 to 22 mm Ø, bends up to 90°
- T For soft copper pipes DIN EN 1057 to 22 mm, soft WICU® pipes,
precision steel pipes up to 18 x 1.5 mm
- T Mechanical ratchet feed
- T In plastic case no. 245590



Code	No.	Ø
4635230	245610 1 basic tool, hydraulic no. 245670 7 bending formers with supports for pipes with Ø 10, 12, 14, 15, 18, 20, 22 mm 1 plastic case no. 245590	6.2
4635150	245600 1 basic tool, hydraulic no. 245670 1 plastic case no. 245590 without bending formers and supports	4.1

2455**PIPE BENDER SET MANUAL**

- T From 10 to 22 mm Ø, bends up to 90°
- T For soft copper pipes DIN EN 1057 to 22 mm
and soft WICU® pipes
- T Mechanical ratchet feed
- T In plastic case no. 245590



Code	No.	Ø
4634850	245510 1 basic tool, mechanical no. 245570 7 bending formers with supports for pipes with Ø 10, 12, 14, 15, 18, 20, 22 mm 1 plastic case no. 245590	5.0
4634770	245500 1 basic tool, mechanical no. 245570 1 plastic case no. 245590 without bending formers and supports	2.9

2456**PIPE BENDER SET hydraulic, heavy-duty**

- T From 6 to 22 mm Ø, bends up to 90°
- T For soft copper pipes DIN EN 1057 to 22 mm, soft WICU® pipes,
precision steel pipes up to 18 x 2 mm
- T Annealed stainless steel pipes up to 18 x 1.2 mm
- T Hydraulic drive without great effort
- T In plastic case no. 245690



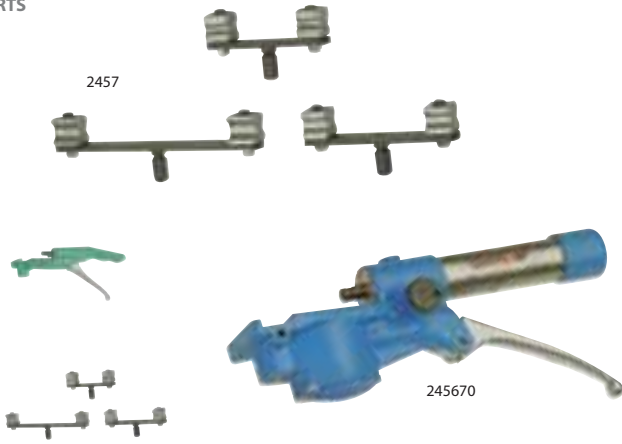
Code	No.	Ø
1585495	245611 1 basic tool, hydraulic no. 245670 10 bending formers with supports for pipes with Ø 6, 8, 10, 12, 14, 15, 16, 18, 20, 22 mm 1 plastic case no. 245690	7.5





E 245

PARTS

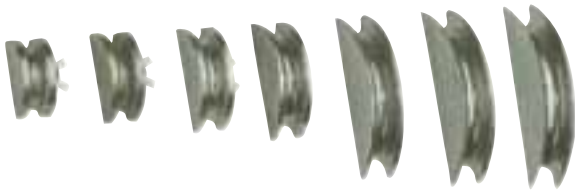


Code	No.		/	l
4634930	245570	Basic tool, mechanical	1150	1
4635310	245670	Basic tool, hydraulic	2350	1
4635580	245710	Counter-support size 1	5-12	380 1
4635660	245720	Counter-support size 2	14-17	460 1
1585509	245721	Counter-support size 2 reinforced	380	1
4635740	245730	Counter-support size 3	18-24	460 1
1585517	245731	Counter-support size 3 reinforced	480	1
1443356	245740	Counter-support for composite pipes	16	340 1
1443364	245750	Counter-support for composite pipes	20	440 1
1443372	245760	Counter-support for composite pipes	26	480 1
1443380	245770	Counter-support for composite pipes	32	840 1
1585533	245902	Reinforcement for counter-support size 2	280	1
1585541	245903	Reinforcement for counter-support size 3	320	1
1585525	245910	Ring for reinforcement for counter-support	120	1
1443437	245490	Plastic case empty for no. 2425	1700	1
4635070	245590	Plastic case empty for no. 2455 + 2456	1700	1
1585568	245690	Plastic case empty for no. 245611	1700	1

E 245

BENDING FORMER

T No. 245916-245932 for composite pipes



Code	No.		r = mm	/	l
4635820	245805	5	31	100	1
4635900	245806	6	31	100	1
4636040	245808	8	31	100	1
4636120	245810	10	31	100	1
4636200	245812	12	34	110	1
4636390	245814	14	41	120	1
4636470	245815	15	48	140	1
4636550	245816	16	49	150	1
4636630	245817	17	51	140	1
4636710	245818	18	72	190	1
4636980	245820	20	80	200	1
4637010	245822	22	88	200	1
4637280	245824	24	90	200	1
1443399	245916	16	49	140	1
1443402	245920	20	80	180	1
1443410	245926	26	93	240	1
1443429	245932	32	119	480	1

PIPE BENDING MACHINES

246

PIPE BENDING MACHINE manual-hydraulic

- T From 12 to 28 mm Ø, bends up to 180°
- T For semi-hard and soft copper pipes DIN EN 1057 up to 28 mm Ø, stainless steel pipes up to 22 x 1.5 mm, hydraulic and soft steel pipes up to 22 x 2 mm, gas and water pipes DIN 2440 3/8" up to 3/4", and composite pipes up to 26 mm Ø
- T With installation tripod
- T Delivery in assembly case



Code	No.	Ø
4538890	246100	57.0
	1 bending tool No. 246010	
	5 bending formers for pipes with Ø 12, 15, 18, 22, 28 mm	
4574260	246010	49.0
	1 basic tool without pump No. 246070	
	1 pump, 60 kN pressure, No. 246080	
	1 stand No. 268000	

E 246

PARTS

Code	No.	Ø	l
4574340	246070	15.5	1
	Basic tool without hydraulic pump		
4574420	246080	16.2	1
	Hydraulic pump 60 kN pressure		
4599760	268000	6.2	1
	Installation tripod		
4637360	246003	0.3	1
	Pressure roller, waisted pattern 3/8"-3/4"		

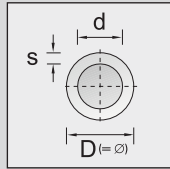
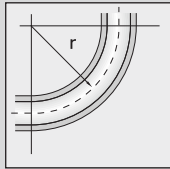
E 246

BENDING FORMER

- T No. 246103-246107: AF sizes use with pressure roller no. 246003
- T No. 246306-246328 with slide rail



Code	No.	Size	r = mm	Ø	l
4637440	246103	3/8	17,2	55	1.2 1
4637520	246105	1/2	21,3	65	1.7 1
4637600	246107	3/4	26,9	85	3.6 1
4637870	246306	6,0	35	0.6	1
4637950	246308	8,0	35	0.5	1
4638090	246310	10,0	45	0.5	1
4575070	246312	12,0	45	0.5	1
4575150	246314	14,0	55	0.9	1
4575230	246315	15,0	55	0.9	1
4575310	246316	16,0	75	1.1	1
4575580	246317	17,0	75	1.1	1
4575660	246318	18,0	75	1.4	1
4575740	246320	20,0	75	1.8	1
4575820	246322	22,0	85	2.0	1
4638170	246324	24,0	85	3.1	1
4575900	246325	25,0	85	3.1	1
4638250	246326	26,0	85	4.0	1
4576040	246328	28,0	112	4.0	1



T Electric extension cables - see page 365



249

PIPE BENDING MACHINE manual-hydraulic

- T For sizes up to 54 mm Ø, bends up to 90°
- T For copper pipes, precision steel and hydraulic pipes, uncoated and coated pipes, composite pipes, electrical installation pipes etc.
- T With installation tripod
- T Delivery in assembly case



Code	No.	Ø
4580150	249000 Pump manual-hydraulic, 100 kN pressure No. 254200 Base plate with tripod No. 249310 Double open ended spanner 17x19 mm No. 249389, without bending tools	76.0

249

PIPE BENDING MACHINE electro-hydraulic

- T For sizes up to 54 mm Ø, bends up to 90°
- T For copper pipes, precision steel and hydraulic pipes, uncoated and coated pipes, composite pipes, electrical installation pipes etc.
- T Electrical limiter for high degree of repeating accuracy in pipe bends
- T With installation tripod
- T Delivery in assembly case

S



Code	No.	Ø
4580230	249001 Electrical pump, 100 kN pressure, 3-phase AC 380-415 V, No. 254601, Base plate with tripod No. 249311, Double open ended spanner 17x19 mm No. 249389, without bending tools	111.0
1547593	249002 as No. 249001, but with electrical pump, 100 kN pressure, AC 230 V, No. 254651	111.0

E 249

PARTS

Code	No.	Ø	l
4582280	249310 Base plate with stand for manual-hydraulic bending tool	42.5	1
4640310	249311 Base plate with stand for electro-hydraulic bending tool	53.7	1
4640580	249389 Double open ended spanner 17x19 mm	0.1	1
4584810	254200 Pump, manual-hydraulic, 100 kN pressure	21.5	1
1599984	254601 Pump 2" 380-415 V with electrical limiter	40.0	1
1599992	254651 Pump 2" 230 V with electrical limiter	40.0	1

E 249

BENDING SETS

- T Consisting of bending former with aluminium slide rail and pipe holder
- T For shaping stainless steel pipes up from r = 150 mm and 1.5 mm wall thickness a steel slide rail is required. Please state when ordering!
- T Special sizes available on request



Code	No.	Size	Precision		Cu pipes		J	r =	Ø	l
			Size M	steel pipes	DIN EN	1057 coated				
1527339	249812	12,0	12	12	12	12	85	2.9	1	
4640660	249815	15,0		15		15	85	2.9	1	
4654290	249816	16,0	16	16	12	16	85	2.9	1	
4654370	249818	18,0		18		18	85	2.9	1	
4654530	249820	20,0		20		20	18	85	2.9	1
1546090	249020	20,0	20				100	3.9	1	
4654610	249822	22,0		22		22	85	2.9	1	
4582520	249825	25,0		25			85	3.5	1	
1546120	249025	25,0	25				100	3.9	1	
4582600	249828	28,0		28			85	3.5	1	
4580310	249028	28,0				28	100	3.5	1	
4582790	249830	30,0		30			28	85	3.4	1
4580580	249030	30,0		30			28	100	3.7	1
4580660	249032	32,0		32			100	3.6	1	
1546147	249132	32,0	32				150	7.5	1	
4580820	249035	35,0		35			100	6.0	1	
4580900	249135	35,0				35	150	7.3	1	
4581120	249138	38,0		38			150	7.1	1	
4581200	249140	40,0		40			150	7.7	1	
1546163	249240	40,0	40				200	12.9	1	
4581470	249142	42,0		42			150	7.7	1	
1561944	249242	42,0				42	200	13.4	1	
4581550	249145	45,0		45			150	7.5	1	
4581710	249250	50,0	50	50			200	13.1	1	
4582010	249254	54,0					200	12.4	1	
1742655	249503	3/8	17,2				85	4.0	1	
1639935	249505	1/2	21,3				100	6.5	1	
1422820	249507	3/4	26,9				100	6.5	1	
1276190	249510	1	33,7				150	6.5	1	
1549561	249512	1.1/4	42,4				150	7.5	1	
1232401	249515	1.1/2	48,3				200	14.5	1	

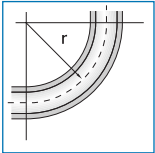




250

PIPE BENDING MACHINE manual-hydraulic

- T Sizes up to 60.3 mm Ø, bends up to 90°
- T For thin-walled stainless steel pipes up from 0.8 mm wall thickness, copper pipes, precision steel and hydraulic pipes, uncoated and coated pipes, composite pipes, electrical installation pipes etc.
- T With installation tripod
- T Easy handling
- T Delivery in assembly case



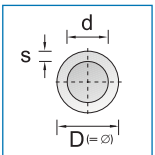
Code	No.	Ø
4583760	250000 1 Pump, manual-hydraulic, 160 kN pressure, No. 254300, 1 Base plate No. 250010, 1 Installation tripod No. 268001, without bending tools	155.0

250

PIPE BENDING MACHINE electro-hydraulic

- T Sizes up to 60.3 mm Ø, bends up to 90°
- T For thin-walled stainless steel pipes up from 0.8 mm wall thickness, copper pipes, precision steel and hydraulic pipes, uncoated and coated pipes, composite pipes, electrical installation pipes etc.
- T Electrical limiter for repeating accuracy in pipe bends
- T With installation tripod
- T Easy handling
- T Delivery in assembly case

S



Code	No.	Ø
4583840	250001 1 Pump, electro-hydraulic, 160 kN pressure, 3-phase AC 380-415 V, No. 254701, 1 Base plate No. 250010, 1 Installation tripod No. 268001, without bending tools	175.0
1380133	250002 as No. 250001, but with 1 Pump, electro-hydraulic, 160 kN pressure, AC 230 V, No. 254751	175.0

T Electric extension cables - see page 365



E 250

PARTS

Code	No.	Ø
4583920	250010 Base plate without stand for 250	108.3
4599840	268001 Installation tripod	17.4
4585030	254300 Pump, manual-hydraulic, 160 kN	29.3
1600001	254701 Pump 3" 380-415 V with electrical limiter	48.0
1600028	254751 Pump 3" 230 V with electrical limiter	48.0

E 250

BENDING SETS

- T Consisting of bending former with aluminium slide rail and pipe holder
- T Also available on request with chemical nickel-plating - please enquire!



Code	No.	G	Size	r = mm	Ø	l
4655690	250325			25,0	100	7.5
1380141	250328	G		28,0	100	7.5
1679155	250330	G		30,0	150	13.0
4655770	250340			40,0	200	15.0
4640900	250352			52,0	350	41.0
2001152	250354	G		54,0	250	21.0
4640820	250305		1/2	21,3	100	7.5
4655180	250307		3/4	26,9	100	7.5
1147978	250510	G	1	33,7	100	7.5
4655260	250310		1	33,7	150	13.0
1147986	250512	G	1.1/4	42,4	150	13.0
4655340	250312		1.1/4	42,4	200	15.0
1147994	250515	G	1.1/2	48,3	200	15.0
4655420	250315		1.1/2	48,3	250	21.0
1148001	250520	G	2	60,3	250	21.0
4655500	250320		2	60,3	400	55.0

Deviant packing units see article description.



HYDRAULIC UNIVERSAL PIPE BENDING MACHINES

max. bending capacities Pipe bending machines 255-261

Bender no.	Gas and water pipes DIN 2440/2441		Distilling pipes DIN 2448		Electrical installation pipes DIN EN 60423	Railing tubes*)	Metric tubes*)		
	up to 90° Size	up to 180° Size	up to 90° Size		up to 90° Nominal size	up to 90° Size	up to 90°	up to 180°	
255 - 256	3/8 - 1.1/4"	-	3/8 - 1"		25 - 32	M12 - M20	3/8 - 3/4"	14 - 35	-
257 - 258	3/8 - 2"	3/4 - 1.1/2"	3/8 - 1.12"		25 - 51	M12 - M40	3/8 - 1.1/4"	14 - 50	25 - 50
259 - 260	3/8 - 3"	-	3/8 - 2.1/2"		25 - 76	M12 - M50	3/8 - 2"	14 - 70	-
261	3/8 - 4"	-	3/8 - 2.1/2"		25 - 76	M12 - M50	3/8 - 2"	14 - 70	-

*) Specifications under reserve - as these are dependent on the respective wall thickness

255-261

PIPE BENDING MACHINE manual-hydraulic, fold-open

- T Available in different voltages
- T For gas and water pipes DIN 2440/2441, bends up to 90°
- T Options available: Bending formers and counter-supports for bends up to 180°, for distilling pipes DIN 2448 and railing tubes - see no. 263 to 267
- T Formers for stainless steel pipes available on request
- T Delivery in assembly case



255-261

PIPE BENDING MACHINE electro-hydraulic, fold-open

- T Available in different voltages
- T For gas and water pipes DIN 2440/2441, bends up to 90°
- T Options available: Bending formers and counter-supports for bends up to 180°, for distilling pipes DIN 2448 and railing tubes - see no. 263 to 267
- T Formers for stainless steel pipes available on request
- T Options available with electrical limiter (sizes 1.1/4", 2", 3")
- T Delivery in assembly case



255-259



261

Code	No.	Size	included in delivery	Ø
4586190	255000	1.1/4	without bending formers	39.0
4586270	255100	1.1/4	with 5 bending formers No. 263103-112	48.0
4587400	257000	2	without bending formers	54.0
4587590	257100	2	with 7 bending formers No. 263103-120	75.0
4588720	259000	3	without bending formers	98.0
4588800	259100	3	with 9 bending formers No. 263103-130	173.0
4590030	261000	4	without bending formers	320.0
4644060	261100	4	with 10 bending formers No. 263103-130 + 263040	493.0

Code	No.	Size	included in delivery	Drive	Ø
4586350	255500	1.1/4	without bending formers	380-415 V	65.0
4586430	255510	1.1/4	with 5 bending formers No. 263103-112	380-415 V	74.0
4586510	255600	1.1/4	without bending formers	230 V	65.0
4586780	255610	1.1/4	with 5 bending formers No. 263103-112	230 V	74.0
4587670	257500	2	without bending formers	380-415 V	78.0
4587750	257510	2	with 7 bending formers No. 263103-120	380-415 V	99.0
4587830	257600	2	without bending formers	230 V	78.0
4587910	257610	2	with 7 bending formers No. 263103-120	230 V	99.0
4588990	259500	3	without bending formers	380-415 V	123.0
4589020	259510	3	with 9 bending formers No. 263103-130	380-415 V	198.0
4589100	259600	3	without bending formers	230 V	123.0
4589290	259610	3	with 9 bending formers No. 263103-130	230 V	198.0
4590110	261500	4	without bending formers	380-415 V	330.0
4644140	261510	4	with 10 bending formers No. 263103-130 + 263040	380-415 V	503.0



T Electric extension cables - see page 365





256-260

PIPE BENDING MACHINE manual-hydraulic, open

- T Available in different voltages
- T For gas and water pipes DIN 2440/2441, bends up to 90°
- T Options available: Bending formers and counter-supports for bends up to 180°, for distilling pipes DIN 2448 and railing tubes - see no. 263 to 267
- T Formers for stainless steel pipes available on request
- T Delivery in assembly case



256-258

Code	No.	Size	included in delivery	Ø
4586860	256000	1.1/4	without bending formers	47.0
4586940	256100	1.1/4	with 5 bending formers No. 263103-112	56.0
4588050	258000	2	without bending formers	73.0
4588130	258100	2	with 7 bending formers No. 263103-120	94.0
4589370	260000	3	without bending formers	120.0
4589450	260100	3	with 9 bending formers No. 263103-130	207.0

256-260

PIPE BENDING MACHINE electro-hydraulic, open

- T Available in different voltages
- T For gas and water pipes DIN 2440/2441, bends up to 90°
- T Options available: Bending formers and counter-supports for bends up to 180°, for distilling pipes DIN 2448 and railing tubes - see no. 263 to 267
- T Formers for stainless steel pipes available on request
- T Options available with electrical limiter
- T Delivery in assembly case

S



256-258

260

Code	No.	Size	included in delivery	Drive	Ø
4587080	256500	1.1/4	without bending formers	380-415 V	73.0
4587160	256510	1.1/4	with 5 bending formers No. 263103-112	380-415 V	82.0
4587240	256600	1.1/4	without bending formers	230 V	73.0
4587320	256610	1.1/4	with 5 bending formers No. 263103-112	230 V	82.0
4588210	258500	2	without bending formers	380-415 V	98.0
4588480	258510	2	with 7 bending formers No. 263103-120	380-415 V	119.0
4588560	258600	2	without bending formers	230 V	98.0
4588640	258610	2	with 7 bending formers No. 263103-120	230 V	119.0
4589530	260500	3	without bending formers	380-415 V	155.0
4589610	260510	3	with 9 bending formers No. 263103-130	380-415 V	242.0
4589880	260600	3	without bending formers	230 V	155.0
4589960	260610	3	with 9 bending formers No. 263103-130	230 V	242.0

268

INSTALLATION TRIPOD

- T Available in 2 sizes
- T For benders up to max. 3"
- T Pivotal



Code	No.	Height	Ø
4599760	268000	480	6.2
4599840	268001	680	17.4

2630

STEEL BENDING FORMER UP TO 90°

- T For gas and water pipes DIN 2440/2441



Code	No.	Use in machines	Size	r	r = mm	Ø
4644220	263003	255-261	3/8	17,2	45	1.5
4655850	263005	255-261	1/2	21,3	50	1.3
4655930	263007	255-261	3/4	26,9	75	2.2
4656070	263010	255-261	1	33,7	100	2.3
4656150	263012	255-261	1.1/4	42,4	126	5.8
4656230	263015	257-261	1.1/2	48,3	145	5.3
4656310	263020	257-261	2	60,3	200	11.2
4656580	263025	259-261	2.1/2	76,1	320	21.2
4656660	263030	259-261	3	88,9	380	33.0
4644300	263040	261	4	114,3	600	98.0

T Electric extension cables - see page 365



2631

GREY CAST IRON BENDING FORMER UP TO 90°

- T For gas and water pipes DIN 2440/2441



Code	No.	Use in machines	Size	r	r = mm	Ø
4539000	263103	255-261	3/8	17,2	45	0.9
4539190	263105	255-261	1/2	21,3	50	1.3
4539270	263107	255-261	3/4	26,9	75	2.2
4590460	263110	255-261	1	33,7	100	2.3
4590540	263112	255-261	1.1/4	42,4	115	2.4
4539350	263115	257-261	1.1/2	48,3	150	5.3
4539430	263120	257-261	2	60,3	200	6.7
4590620	263125	259-261	2.1/2	76,1	320	21.2
4590700	263130	259-261	3	88,9	380	33.0

Deviant packing units see article description.

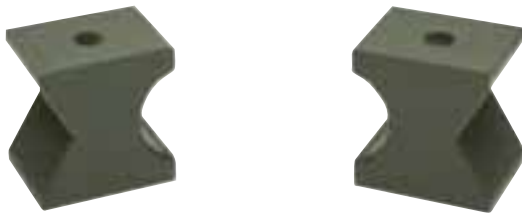




2632

COUNTER-SUPPORT (PAIR) UP TO 90°

T For surface-protective bending of uncoated steel pipes and the like



Code	No.	Use in machines	Ø
4591510	263267	257	9.0
4591780	263268	258	8.4
4591860	263269	259	15.4
4591940	263270	260	6.6

2640

STEEL BENDING FORMER UP TO 90°

T For standard-walled distilling pipes DIN 2448 and metric pipes



Code	No.	Use in machines	Size	r = mm	Ø	
4595260	264003	255-261	3/8	17,2	55	2.0
4595340	264005	255-261	1/2	21,3	75	2.5
4595420	264007	255-261	3/4	26,9	90	3.5
4595500	264010	255-261	1	33,7	130	5.4
4595690	264012	257-261	1.1/4	42,4	180	10.2
4596230	264048	257-261	1.1/2	48,3	220	11.8
4596660	264060	259-261	2	60,3	270	21.3
4596900	264076	259-261	2.1/2	76,1	420	49.3
4592750	264014	255-261		14,0	70	2.2
4592830	264015	255-261		15,0	70	2.3
4592910	264016	255-261		16,0	70	2.2
4593050	264018	255-261		18,0	90	3.4
4593130	264020	255-261		20,0	90	3.4
4593210	264022	255-261		22,0	90	3.2
4595770	264025	255-261		25,0	115	3.6
4595850	264030	255-261		30,0	140	6.7
4595930	264032	255-261		32,0	140	6.6
4596070	264038	257-261		38,0	170	8.2
4596150	264044	257-261		44,5	190	10.7
4596310	264051	257-261		51,0	220	15.4
4596580	264057	259-261		57,0	250	15.1
4596740	264063	259-261		63,5	270	22.1
4596820	264070	259-261		70,0	315	23.9

2649

STEEL BENDING FORMER UP TO 90°

T For electrical installation pipes DIN EN 60423



Code	No.	Use in machines	r = mm	Ø	
1549626	264912	255-261	12	115	4.1
4597390	264916	255-261	16	115	4.1
1549634	264920	255-261	20	130	5.4
1549642	264925	257-261	25	160	5.7
1549650	264932	257-261	32	170	8.7
1549669	264940	257-261	40	220	10.4
1549677	264950	259-261	50	250	19.5

2650

STEEL BENDING FORMER UP TO 90°

T For railing pipes with wall thickness from 1.75 to 2.30 mm



Code	No.	Use in machines	Size	r = mm	Ø	
4539510	265003	255-261	3/8	17,2	110	3.6
4598280	265005	255-261	1/2	21,3	110	3.6
4598010	265007	255-261	3/4	26,9	137	6.1
4598360	265010	257-261	1	33,7	190	9.4
4545830	265012	257-261	1.1/4	42,4	220	12.4
4644650	265015	259-261	1.1/2	48,3	250	13.7
4644730	265020	259-261	2	60,3	315	25.0

2633

STEEL BENDING FORMER UP TO 180°

T For gas and water pipes DIN 2440/2441
T For bends up to 180° piston extension no. 260819 and counter-support no. 263503 - 263504 are required



Code	No.	Use in machines	Size	r = mm	Ø	
4592240	263307	257-258	3/4	26,9	110	4.7
4592320	263310	257-258	1	33,7	115	6.1
4592400	263312	257-258	1.1/4	42,4	115	6.4
4592590	263315	257-258	1.1/2	48,3	140	9.4

2634

STEEL BENDING FORMER UP TO 180°

T For metric pipes
T For bends up to 180° piston extension no. 260819 and counter-support no. 263503 - 263504 are required



Code	No.	Use in machines	r = mm	Ø	
4593480	263425	257-258	25	110	3.5
4593560	263428	257-258	28	110	6.6
4593640	263430	257-258	30	110	6.4
4593720	263432	257-258	32	130	7.4
4593800	263435	257-258	35	130	7.1
4593990	263438	257-258	38	150	10.8
4594020	263440	257-258	40	150	10.3
4594100	263442	257-258	42	150	11.9
4594290	263448	257-258	48	150	11.3
4594370	263450	257-258	50	150	10.8

2608

WORKING PISTON EXTENSION

T For producing hairpin bends up to 180°
T For bending formers No. 2633 and 2634

Code	No.	y	Ø
4696450	260819	160	2.4

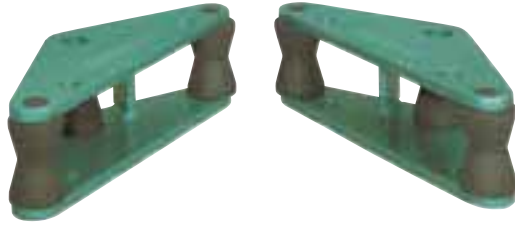




2635

COUNTER-SUPPORT (PAIR)

T For producing hairpin bends up to 180°
T For bending formers no. 2633 and 2634



Code	No.	Use in machines	Ø
4594610	263503	257	17.5
4594880	263504	258	16.8

2670

STRAIGHTENING TOOL

T For steel pipes and scaffold tubes 1.1/2"
T We recommend its use together with the counter-supports no. 267101 - 267102



Code	No.	Use in machines	Size	Ø
4697690	267015	257-258	1.1/2	48,3 6.2

2671

STRAIGHTENING COUNTER-SUPPORT (PAIR)

T For steel pipes and scaffold tubes 1.1/2"
T For straightening tool no. 267



Code	No.	Use in machines	Size	Ø
1548379	267101	257	1.1/2	48,3 8.3
1546961	267102	258	1.1/2	48,3 7.7

254

PUMP manual-hydraulic

T Available in various power stages
T For bending without great effort
T Option to re-fit with electrical drive no. 254950 (380-415 V) or no. 254955 (230 V)



Code	No.	Size	Use in machines	Ø
4584730	254100	1.1/4	255 256	16.2
4584810	254200	2	249 257 258 2803 2804	21.5
4585030	254300	3	250 259 260	29.3
4585110	254400	4	261	43.0

254

PUMP electro-hydraulic

T Available in various power stages
T Option to re-fit with electrical limiter no. 254580 (size 1.1/4"), no. 254680 (size 2") or no. 254780 (size 3")

S



Code	No.	Size	Use in machines	Connection voltage Volt	Ø
4585380	254500	1.1/4	2555 2565	380-415	35.0
4585460	254550	1.1/4	2556 2566	230	35.0
4585540	254600	2	2575 2585	380-415	40.0
4585620	254650	2	2576 2586	230	40.0
4585700	254700	3	2595 2605	380-415	48.0
4585890	254750	3	2596 2606	230	48.0
4585970	254800	4	2615	380-415	75.0

254

PUMP electro-hydraulic, with electrical limiter

T Available in various power stages
T With electrical limiter
T Pre-adjustable feed for repetition accuracy in the production of pipe bends

S



Code	No.	Size	Use in machines	Connection voltage Volt	Ø
1599968	254501	1.1/4	2555 2565	380-415	35.0
1599976	254551	1.1/4	2556 2566	230	35.0
1599984	254601	2	249 2575 2585 2803 2804	380-415	40.0
1599992	254651	2	249 2576 2586 2803 2804	230	40.0
1600001	254701	3	250 2595 2605	380-415	48.0
1600028	254751	3	250 2596 2606	230	48.0



Deviant packing units see article description.



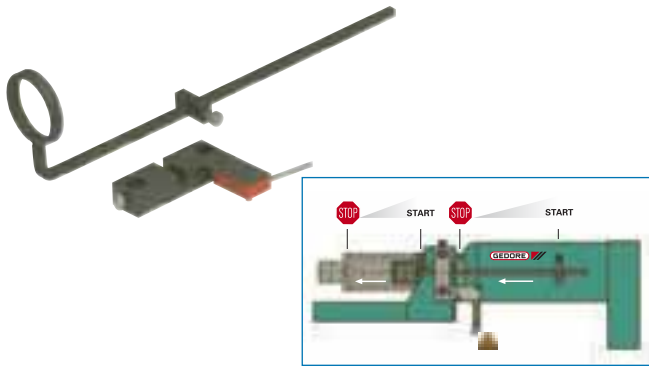


254

ELECTRICAL LIMITER

T For electro-hydraulic pumps 1.1/4", 2" and 3"
T Pre-adjustable feed for repetition accuracy in the production of pipe bends

S



Code	No.	Size	Use in machines	/
1441337	254580	1.1/4	255 256	700
1441345	254680	2	249 257 258 2803 2804	750
1441353	254780	3	250 259 260	800

254

ELECTRICAL CONVERSION KIT

T For manual-hydraulic pumps 1.1/4", 2", 3" and 4"
T Consisting of electric motor, cam drive, conveying unit, carrying handle and all small parts required
T * Can only be used in connection with electrical limiter no. 254680
T ** Can only be used in connection with electrical limiter no. 254780

S



Code	No.	Use in machines	Connection voltage Volt	Ø
4718870	254950	249* 250** 255-261 280*	380-415	19.0
4718950	254955	249* 250** 255-261 280*	230	19.0

E 254

GASKET SET

T For all hydraulic pumps with machine number 254.....



Code	No.	Size	/	l
4687890	254160 Machine no. 2541...	1.1/4	70	1
4689080	254260 Machine no. 2542...	2	75	1
4690170	254360 Machine no. 2543...	3	80	1
1549596	254460 Machine no. 2544...	4	100	1
4690840	254560 Machine no. 2545...	1.1/4	70	1
4624620	254660 Machine no. 2546...	2	75	1
4691140	254760 Machine no. 2547...	3	80	1
1378686	254860 Machine no. 2548...	4	100	1

254

EXTENSION CABLE

T For electro-hydraulic pumps 1.1/4", 2", 3" and 4"

S



Code	No.	Description	Connection voltage Volt	Ø	l
4694080	254982	CEE extension cable 5 m	380-415	1.7	1
4694160	254983	CEE extension cable 10 m	380-415	3.1	1
4694240	254984	Safety extension cable 5 m	230	0.9	1
4694320	254985	Safety extension cable 10 m	230	1.6	1

269

HYDRAULIC OIL 1 litre

T The volume stated is required each time



Code	No.	for pumps	required volume litre	/	l
4599920	269000	1.1/4"	0,90	880	1
		2"	1,25		
		3"	1,90		
		4"	3,50		

E 255-261

BENDING FRAME fold-open

T Without installed parts



255-259
261 o. Abb.

Code	No.	Size	Use in machines	Ø
4641200	255010	1.1/4	255 2555 2556	7.7
4642010	257010	2	257 2575 2576	12.4
4642870	259010	3	259 2595 2596	37.2
4643680	261010	4	261 2615	281.0

E 256-260

BENDING FRAME open

T Without installed parts



256-258
260 o. Abb.

Code	No.	Size	Use in machines	Ø
4641550	256010	1.1/4	256 2565 2566	15.4
4642440	258010	2	258 2585 2586	31.2
4643170	260010	3	260 2605 2606	95.0





E 255-261

COUNTER-SUPPORT (PIECE)



Code	No.	Size	Use in machines	Ø	l
4641390	255015	1.1/4	255 2555 2556	1.6	1
4641630	256015	1.1/4	256 2565 2566	1.4	1
4642280	257015	2	257 2575 2576	3.2	1
4642520	258015	2	258 2585 2586	2.9	1
4642950	259015	3	259 2595 2596	5.3	1
4643250	260015	3	260 2605 2606	4.3	1
4643760	261015	4	261 2615	15.7	1

E 255-261

COUNTER-SUPPORT FIXING PIN (PIECE)



Code	No.	Size	Use in machines	l	Ø
4641470	255020	1.1/4	255 2555 2556	300	1
4641710	256020	1.1/4	256 2565 2566	850	1
4642360	257020	2	257 2575 2576	440	1
4642600	258020	2	258 2585 2586	960	1
4643090	259020	3	259 2595 2596	480	1
4643330	260020	3	260 2605 2606	2020	1
4643840	261020	4	261 2615	1750	1

E 255-261

U-YOKE



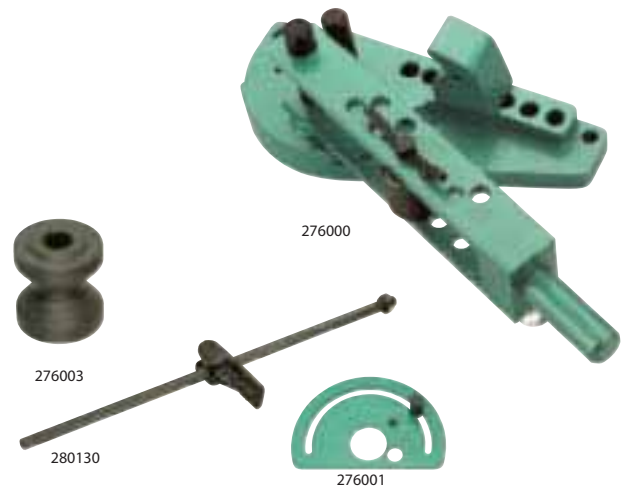
Code	No.	Size	Use in machines	l	Ø
4721660	256030	1.1/4	255 2555 2556 256 2565 2566	180	1
4641980	258030	2	249 257 2575 2576 258 2585 2586 2803 2804	400	1
4643410	260030	3	250 259 2595 2596 260 2605 2606	480	1
4643920	261030	4	261 2615	900	1

UNIVERSAL PIPE BENDER

276

UNIVERSAL PIPE BENDER

- T For sizes up to 32 mm Ø and up to 3/4" Ø, bends up to 180°
- T For thin-walled steel tubes, hydraulic pipes, copper pipes DIN EN 1057, multi-layer composite pipes (MSR), non-ferrous metal pipes
- T Heat insulated pipes, gas and water pipes DIN 2440/2441 and electrical installation pipes
- T Also suitable for MW steel and stainless steel pipes - please enquire!
- T For installation on the workbench or holding in a vice



Code	No.	Ø
4600010	276000 Basic equipment with adjustable pressure roller shaft, cylindrical pressure roller, without bending tools	16.7
4600360	276003 Pressure roller 1/8" - 3/4"	0.5
4600280	276001 Angled stop	1.8
4606210	280130 Length stop	0.7
4719090	268230 Bending lever extension, 740 mm long	3.5

E 276

BENDING FORMER

- T For gas and water pipes DIN 2440/2441
- T Pressure roller no. 276003 is required

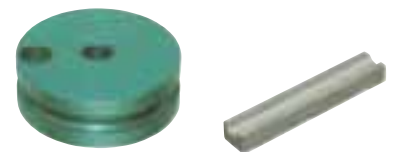


Code	No.	Size	r = mm	Ø	l
4600440	276101	1/8	10,2	40	1.2 1
4600520	276102	1/4	13,5	40	1.2 1
4600600	276103	3/8	17,2	50	1.6 1
4600790	276105	1/2	21,3	68	2.4 1
4600870	276107	3/4	26,9	80	5.8 1

E 276

BENDING FORMER with slide rail

- T For metric pipes



Code	No.	WICU*	Size M	r = mm	Ø	l
4600950	276506	6		40	1.5	1
4601090	276508	8		40	1.4	1
4601170	276510	10	6	40	1.4	1
4601250	276512	12	8	40	1.4	1
1553682	276912	12		12	81	6.5 1
4601330	276514	14	10	50	1.9	1
4601410	276515	15		50	1.8	1
4601680	276516	16	12	68	4.7	1





Code	No.	WICU*	Size M	r = mm	Ø	l
1553690	276916	16	16	81	6.5	1
4601760	276518	18		68	4.7	1
4601840	276519	19	15	68	4.6	1
4601920	276520	20		68	4.6	1
1553704	276920	20	20	105	4.8	1
4602060	276522	22		81	6.5	1
4602140	276525	25	25	105	4.7	1
4602220	276526	26		105	4.8	1
4602300	276528	28		126	5.4	1
4602490	276530	30		153	7.0	1
4602570	276532	32	32	153	7.0	1

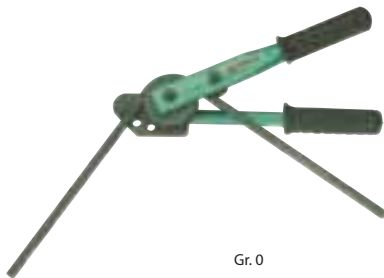
278

MANUAL PIPE BENDER

T From 3 to 10 mm Ø (size 0), 6 to 18 mm Ø (size 1) and 20 to 25 mm Ø (size 2), bends up to 180°
 T For precision steel and hydraulic pipes
 T For vice clamping, size 0 also usable as bending pliers



Gr. 1 + 2



Gr. 0

Code	No.	Ø
4539780	278000 Size 0, consisting of: - basic tool body No. 278070 - bending lever No. 278080 - 4 bending formers 3-4, 5-6, 7-8, 10 mm	1.5
4603460	278100 Size 1, consisting of: - basic tool body No. 278170 - bending lever No. 278180 - 6 bending formers 6-8, 10-12, 14, 15, 16, 18 mm	9.3
4539860	278200 Size 2, consisting of: - basic tool body No. 278270 - bending lever No. 278280 - 3 bending formers 20, 22, 25 mm	25.5

2780

MANUAL PIPE BENDER

T As no. 278000, but in sheet steel case no. 278090
 T Contains additionally 1 pipe cutter MINI-QUICK no. 231000 and 1 pipe deburring reamer no. 232001

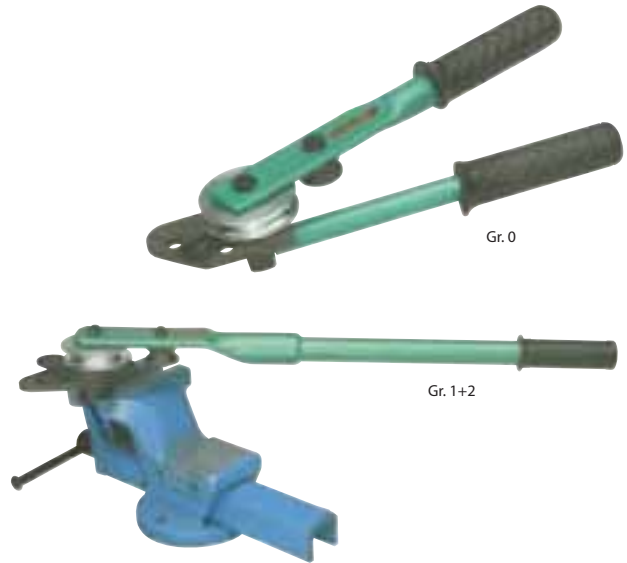


Code	No.	Ø
1543199	278001 1 basic tool body No. 278070 1 bending lever No. 278080 4 bending formers 3-4, 5-6, 7-8, 10 mm 1 miniature pipe cutter 4-16 mm No. 231000 1 pipe deburring reamer 4-32 mm No. 232001 1 sheet steel case No. 278090	2.7

278

MANUAL PIPE BENDER

T From 3 to 10 mm Ø (size 0), 6 to 18 mm Ø (size 1) and 20 to 25 mm Ø (size 2), bends up to 180°
 T For precision steel and hydraulic pipes, as well as stainless steel pipes with wall thickness as following:
 T size 0 = 1.0 - 1.2 mm
 T size 1 = 1.2 - 1.5 mm
 T size 2 = 1.5 - 2.0 mm
 T For vice clamping, size 0 also usable as bending pliers



Gr. 0

Gr. 1+2

Code	No.	Ø
1589830	278500 Size 0, consisting of: - basic tool body No. 278070 - bending lever No. 278080 - 4 aluminium bending formers 3-4, 5-6, 7-8, 10 mm	1.4
1589857	278600 Size 1, consisting of: - basic tool body No. 278170 - bending lever No. 278180 - 6 aluminium bending formers 6-8, 10-12, 14, 15, 16, 18 mm	6.4
1589865	278700 Size 2, consisting of: - basic tool body No. 278270 - bending lever No. 278280 - 3 aluminium bending formers 20, 22, 25 mm	13.0

2785

MANUAL PIPE BENDER

T As no. 278500, but in sheet steel case no. 278090
 T Contains additionally 1 pipe cutter MINI-QUICK no. 231000 and 1 pipe deburring reamer no. 232001



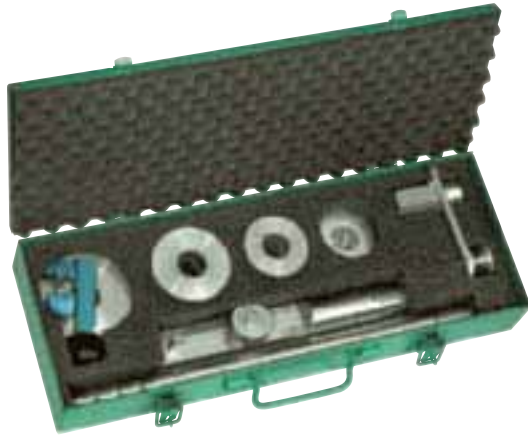
Code	No.	Ø
1589849	278501 1 basic tool body No. 278070 1 bending lever No. 278080 4 aluminium bending formers 3-4, 5-6, 7-8, 10 mm 1 miniature pipe cutter 4-16 mm No. 231000 1 pipe deburring reamer 4-32 mm No. 232001 1 sheet steel case No. 278090	2.4



2786

MANUAL PIPE BENDER

T As no. 278600, but in sheet steel case no. 278190
 T Contains additionally 1 pipe cutter 4-35 mm and 1 pin punch 3 mm



Code	No.	Q
1611526	278601 1 basic tool body No. 278670 1 bending lever No. 278680 6 aluminium bending formers 6-8, 10-12, 14, 15, 16, 18 mm 1 pipe cutter 4-35 mm 1 pin punch 3 mm 1 sheet steel case No. 278190	8.3

E 278

BENDING FORMER

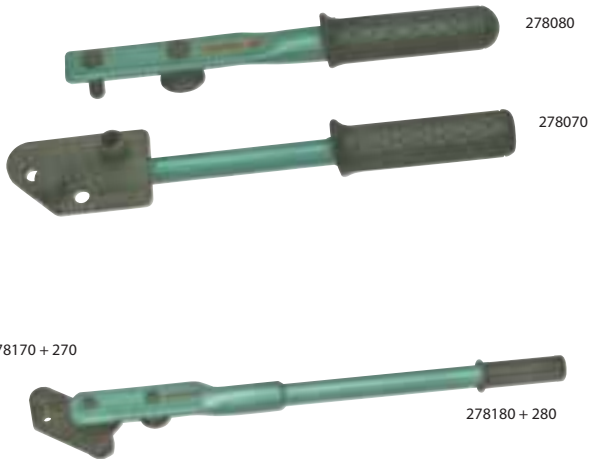
T No. 278004-278225 steel bending former
 T No. 278504-278725 aluminium bending former



Code	No.	suitable for	r = mm	/	l	
4602650	278004	Gr. 0	3-4	14	49	1
4602730	278006	Gr. 0	5-6	16	63	1
4602810	278008	Gr. 0	7-8	24	156	1
4603030	278010	Gr. 0	10	29	220	1
4603540	278108	Gr. 1	6-8	32	560	1
4603620	278112	Gr. 1	10-12	36	600	1
4603700	278114	Gr. 1	14	36	560	1
4624890	278115	Gr. 1	15	43	880	1
4603890	278116	Gr. 1	16	43	850	1
4603970	278118	Gr. 1	18	50	1180	1
4604270	278220	Gr. 2	20	85	5380	1
4604350	278222	Gr. 2	22	85	5180	1
4604430	278225	Gr. 2	25	85	4900	1
1576798	278504	Gr. 0	3-4	14	20	1
1576801	278506	Gr. 0	5-6	16	25	1
1576828	278508	Gr. 0	7-8	24	55	1
1576836	278510	Gr. 0	10	29	85	1
1576844	278608	Gr. 1	6-8	32	200	1
1576852	278612	Gr. 1	10-12	36	220	1
1576879	278614	Gr. 1	14	36	200	1
1576887	278615	Gr. 1	15	43	320	1
1576895	278616	Gr. 1	16	43	320	1
1576909	278618	Gr. 1	18	50	450	1
1576917	278720	Gr. 2	20	85	2000	1
1576925	278722	Gr. 2	22	85	1950	1
1576933	278725	Gr. 2	25	85	1950	1

E 278

PARTS



Code	No.	/	l
4603110	278070 Basic tool body size 0	640	1
4603380	278080 Bending lever size 0	380	1
4604000	278170 Basic tool body size 1	1240	1
4604190	278180 Bending lever size 1	2300	1
1677209	278670 Basic tool body size 1	1240	1
1626043	278680 Bending lever size 1 pluggable	1930	1
4604510	278270 Basic tool body size 2	4140	1
4604780	278280 Bending lever size 2	3000	1
4504560	231000 Pipe cutter MINI-QUICK, 4-16 mm	125	1
1439510	232001 Pipe deburring reamer	30	1
1526189	278090 Sheet steel case for 278001+501	1040	1
1611534	278190 Sheet steel case for 278601	4180	1

Detailed information on products, promotions and trade fairs

... www.gedore.com



Deviant packing units see article description.





ECCENTRIC ANGLE BENDERS

max. bending capacities Angle benders 280

Referring to dimensions of ST37 material strength 400 N/mm² (SI-unit)

* DIN 46433 for max. material strength F 25 = 250 N/mm²

** DIN 46433 for max. material strength F 16 = 160 N/mm²

Please note:

To reach the maximum bending capacities special bending tools with larger radii are required - see "E 280 Parts"

	70 mm working height		100 mm working height		120 mm working height	
	cold mm	hot mm	cold mm	hot mm	cold mm	hot mm
Flat steel DIN 1017	70 x 10	70 x 20	100 x 10	100 x 22	120 x 8	120 x 20
	50 x 14	50 x 25	65 x 12	75 x 25	100 x 10	100 x 22
	30 x 20	35 x 30	50 x 14	35 x 30	80 x 12	80 x 25
Square steel stock DIN 1014	20	30	22	30	22	30
Round steel stock DIN 1013	20	30	25	30	25	30
Angled steel stock DIN 1028	70 x 5	70 x 11	100 x 10	100 x 20	120 x 10	120 x 20
Cu (flat bars) DIN EN 1057 *	70 x 15		100 x 30 (r=25 mm)		120 x 12 (soft:120 x 30)	
Al-flat bars DIN 1769 **	70 x 20		100 x 30 (r=25 mm)		120 x 15 (soft:120 x 30)	

280

ECCENTRIC ANGLE BENDER 70 mm working height

T For bends up to 110°

T For round, flat and angled stocks in steel, copper or aluminium

T Bending tools with one sharp and one rounded edge r = 4 mm

T In various designs:

T **Manual:** Tabletop unit to be mounted on a workbench

T **Manual-hydraulic:** Equipment mounted on installation tripod, delivery in assembly case

T **Electro-hydraulic:** Equipment mounted on installation tripod, with electrical limiter, delivery in assembly case



Code	No.	Included in delivery	Ø
4539940	280070	complete ready for use, with bending tool No. 280071, manual	24.3
4645460	280370	complete ready for use, with bending tool No. 280071, pump, manual-hydraulic, No. 254200, base plate with tripod No. 280210	100.2
4645540	280371	complete ready for use, with bending tool No. 280071, pump, electro-hydraulic, 380-415 V, No. 254601, base plate with tripod No. 280210	124.7
1547569	280372	complete ready for use, with bending tool No. 280071, pump, electro-hydraulic, 230 V, No. 25465, base plate with tripod No. 280210	124.7

280

ECCENTRIC ANGLE BENDER 100 mm working height

T For bends up to 110°

T For round, flat and angled stocks in steel, copper or aluminium

T Bending tools with one sharp and one rounded edge r = 4 mm

T In various designs:

T **Manual:** Tabletop unit to be mounted on a workbench

T **Manual-hydraulic:** Equipment mounted on installation tripod, delivery in assembly case

T **Electro-hydraulic:** Equipment mounted on installation tripod, with electrical limiter, delivery in assembly case



Code	No.	Included in delivery	Ø
4535010	280100	complete ready for use, with bending tool No. 280111, manual	26.5
4606640	280400	complete ready for use, with bending tool No. 280111, pump, manual-hydraulic, No. 254200, base plate with tripod No. 280210	102.4
4606720	280401	complete ready for use, with bending tool No. 280111, pump, electro-hydraulic, 380-415 V, No. 254601, base plate with tripod No. 280210	126.9
1547585	280402	complete ready for use, with bending tool No. 280111, pump, electro-hydraulic, 230 V, No. 254651, base plate with tripod No. 280210	126.9

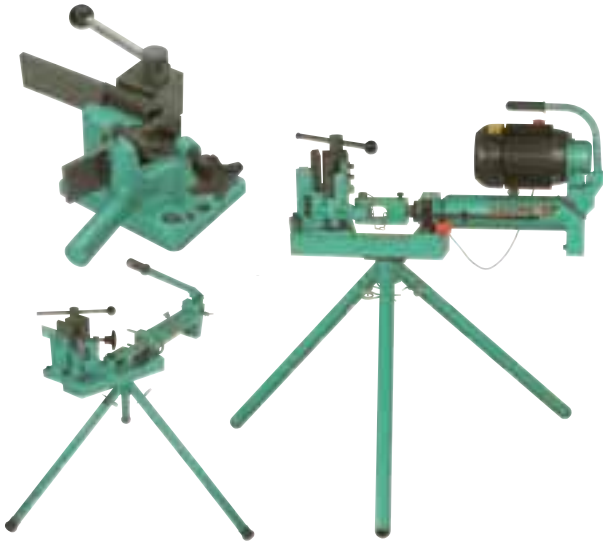




280

ECCENTRIC ANGLE BENDER 120 mm working height

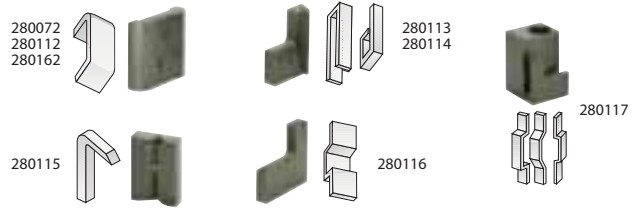
- T For bends up to 110°
- T For round, flat and angled stocks in steel, copper or aluminium
- T Bending tools with one sharp and one rounded edge $r = 4\text{ mm}$
- T In various designs:
- T **Manual:** Tabletop unit to be mounted on a workbench
- T **Manual-hydraulic:** Equipment mounted on installation tripod, delivery in assembly case
- T **Electro-hydraulic:** Equipment mounted on installation tripod, with electrical limiter, delivery in assembly case



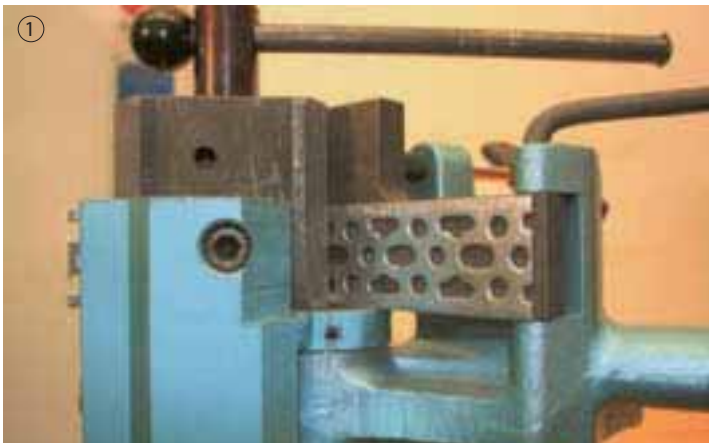
Code	No.	Included in delivery	○
4606130	280120	complete ready for use, with bending tool No. 280161, manual	27.9
4645620	280420	complete ready for use, with bending tool No. 280161, pump, manual-hydraulic, No. 254200, base plate with tripod No. 280210	103.8
4645700	280421	complete ready for use, with bending tool No. 280161, pump, electro-hydraulic, 380-415 V, No. 254601, base plate with tripod No. 280210	128.3
1544950	280422	complete ready for use, with bending tool No. 280161, pump, electro-hydraulic, 230 V, No. 254651, base plate with tripod No. 280210	128.3

E 280

PARTS



Code	No.	Description	Working height	○	I	G
4606210	280130	Length stop	70-120	0.7	1	
4605240	280071	Standard bending tool, sharp-edged / $r = 4\text{ mm}$	70	1.0	1	
4605400	280111	Standard bending tool, sharp-edged / $r = 4\text{ mm}$	100	1.5	1	
4645030	280161	Standard bending tool, sharp-edged / $r = 4\text{ mm}$	120	1.8	1	
4605320	280072	Radiused bending tool $r = 15\text{ mm} / r = 25\text{ mm}$	70	1.1	1	
4605590	280112	Radiused bending tool $r = 15\text{ mm} / r = 25\text{ mm}$	100	1.6	1	
4645110	280162	Radiused bending tool $r = 15\text{ mm} / r = 25\text{ mm}$	120	2.0	1	
4605670	280113	Bending tool for producing saddles and rectangular bends, for low material thicknesses, sharp-edged	100	0.9	1	
4605750	280114	Bending tool for producing saddles and rectangular bends, for greater material thicknesses, $r = 4\text{ mm}$	100	0.9	1	
4605830	280115	Bending tool for making diamond bends	100	0.7	1	
4605910	280116	Bending tool for high saddles (use only in connection with no. 280113 + 280114)	100	1.2	1	
4606050	280117	Offset block for narrow saddles	100	2.4	1	
4644810	280110	Modification set for 100 mm working height (includes no. 280111)	70-120	7.5	1	
4645380	280174	Modification set for 120 mm working height (includes no. 280161)	70-100	9.0	1	
4606560	280210	Base plate with stand (use only in connection with no. 254200, 254600 or 254650)	70-120	42.4	1	
4719090	268230	Bending lever extension, 740 mm long	70-120	3.5	1	
4584810	254200	Pump, manual-hydraulic, 100 kN pressure	70-120	21.5	1	
1599984	254601	Pump 2" 380-415 V with electrical limiter	40.0	1		
1599992	254651	Pump 2" 230 V with electrical limiter	40.0	1		
2009544	280250	Angle for vice fixture		3.3	1	G





RING BENDING MACHINE

max. bending capacities 285

Referring to dimensions of ST37 material up to strength 400 N/mm² (SI-unit).

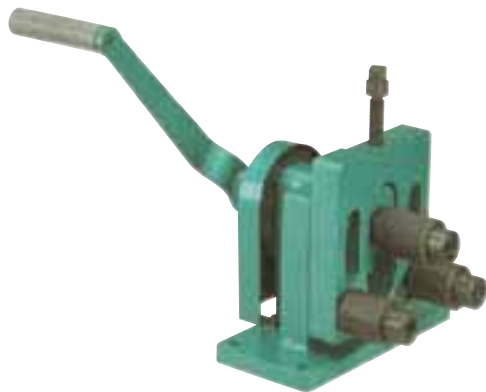
Flat bar.....	50 x 6 mm
Flat bar, vertical*)	20 x 5 mm
Square iron*)	13 x 13 mm
Round bar*)	15 mm
Angled sections*)	20 x 20 x 3 mm
T-iron*)	20 x 20 x 3 mm
U-iron*)	30 x 15 x 2 mm
Pipes*)	6 x 1,0 upto 18 x 1,5 mm

*) Please note:
Special bending tools are required - see "E 285 Parts".

285

RING BENDING MACHINE

- T Manual 3-roller ring bending machine
- T Vertical operation
- T Tabletop unit with upper roller drive
- T Standard roller set for flat and square stock included
- T With two speeds



Code	No.	Ø
4606800	285000	30.6

E 285

PARTS



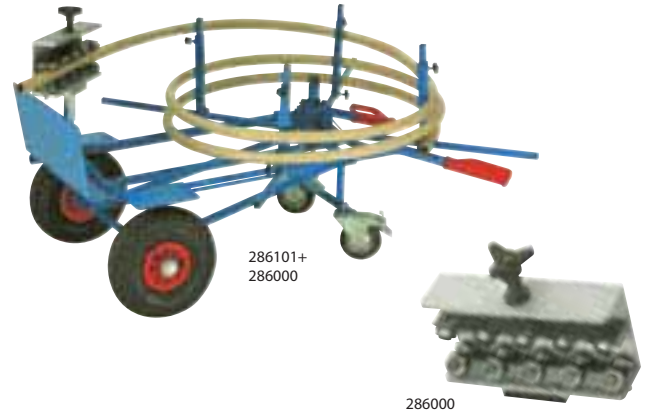
Code	No.	Ø	l	G
4606990	285001	1.5	1	
2-piece upper roller for shaping L and T sections, with leg inside				
4607020	285002	2.7	1	
Set 2-piece lower rollers for shaping vertical flat stock, L and T sections, with leg outside				
4607100	285006	2.0	1	
1 set rollers for shaping tubes 6x1 mm (1 upper drive roller, 2 lower rollers)				
4607290	285008	2.0	1	
1 set rollers for shaping tubes 8x1 mm (1 upper drive roller, 2 lower rollers)				
4607370	285010	1.9	1	
1 set rollers for shaping tubes 10x1 mm (1 upper drive roller, 2 lower rollers)				
4607450	285012	1.9	1	
1 set rollers for shaping tubes 12x1 mm (1 upper drive roller, 2 lower rollers)				
4607530	285014	1.8	1	
1 set rollers for shaping tubes 14x1 mm (1 upper drive roller, 2 lower rollers)				
4607610	285015	1.8	1	
1 set rollers for shaping tubes 15x1 mm (1 upper drive roller, 2 lower rollers)				
4607880	285016	1.7	1	
1 set rollers for shaping tubes 16x1 mm (1 upper drive roller, 2 lower rollers)				
4607960	285018	1.7	1	
1 set rollers for shaping tubes 18x1.5 mm (1 upper drive roller, 2 lower rollers)				
2009552	285250	3.3	1	G
Angle for vice fixture				

PIPE STRAIGHTENING TOOL

286

PIPE STRAIGHTENING TOOL

- T From 14 to 26 mm Ø
- T For multi-layer composite pipes (MSR) and soft copper pipes
- T For use in a vice or in connection with pivoted and mobile coil reel
- T Coil reel suitable for pipe coils from 220 to 1100 mm Ø, maximum pipe-coil height 400 mm



Code	No.	Ø
1523066	286000	2.5
Pipe straightening tool, without coil reel		
1531123	286101	22.5
Coil reel, mobile, without straightening tool		

SEAMING PLIERS

T Sheet metal crimping and punch pliers are listed up from page 278



303

UNIVERSAL SEAMING PLIERS

- T Forged
- T Jaw angle adjustable in six steps from 0-90°
- T Jaws exchangeable
- T Jaw width 60 mm



Code	No.	y	/	l
4508470	303060	265	785	1
Universal seaming pliers				
4608850	303160		275	1
Set of jaws				

304

SEAMING PLIERS

- T Forged
- T Straight
- T Jaw width 60 mm



Code	No.	y	/	l
4508550	304060	265	590	1

305

SEAMING PLIERS

- T Forged
- T Bent pattern, bending angle 45°
- T Jaw width 60 mm



Code	No.	y	/	l
4508630	305060	265	630	1



INSTALLATION TOOLS

310

VALVE HOLDER VENTI-GRIP®

- T Forged
- T Plumbing tool for holding the valve when tightening and slackening the swivel nut
- T Applicable on sink units, bathtubs, toilet cisterns, etc.
- T With straight handle



Code	No.	Size	/	l
4540010	310001 Size 1	1-1.1/4	395	1
4540280	310002 Size 2	1.1/4-1.3/4	670	1
4609070	310101 Spare expander size 1		25	1
4609150	310102 Spare expander size 2		50	1

311

VALVE HOLDER VENTI-GRIP®

- T Forged
- T Plumbing tool for holding the valve when tightening and slackening the swivel nut
- T Applicable on sink units, bathtubs, toilet cisterns, etc.
- T With offset handle



Code	No.	Size	/	l
4534980	311001 Size 1	1-1.1/4	340	1
4508710	311002 Size 2	1.1/4-1.3/4	665	1
4609070	310101 Spare expander size 1		25	1
4609150	310102 Spare expander size 2		50	1

312

VALVE HOLDER VENTI-QUICK

- T In aluminium
- T Drain valve holder and screw-in wrench for eccentric and standard valves 1.1/4"
- T Usable from top or bottom



Code	No.	y	/	l
4508980	312000	120	260	1



314

CORNER VALVE SOCKET WRENCH

- T Chrome-vanadium steel
- T For surface-protective assembling of all usual corner valves
- T With chamfered driving edges
- T 1/2" internal square drive

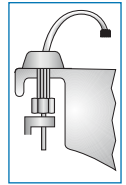
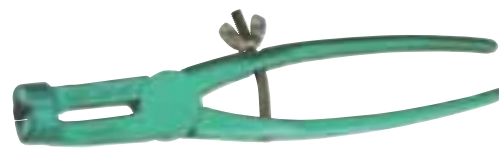


Code	No.	y	/	l
1147471	314000	82	150	1

315

BASIN PLIERS

- T Hot forged
- T Applicable from size 13 to 36 mm



Code	No.	y	/	l
4509010	315000	270	565	1

316

BASIN WRENCH

- T Chrome-vanadium steel
- T With pivoted hook for right or left hand operation
- T Applicable up to size 36 mm

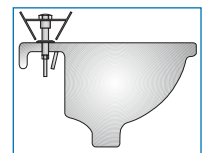


Code	No.	y	/	l
4509280	316000 Basin wrench	235	500	1
4609230	316100 Spare hook with spring and bolt		65	1

3165

BASIN WRENCH

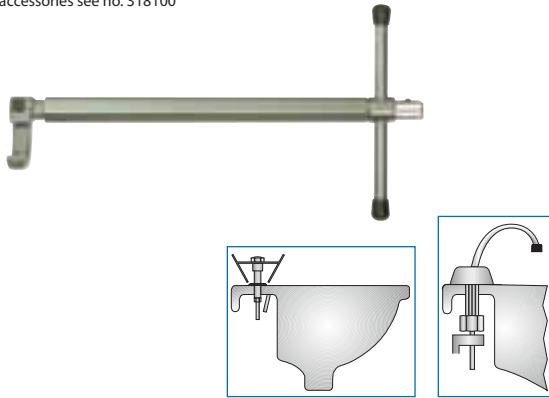
- T For single lever taps
- T With 13 mm hexagon drive
- T With adaptors for 10, 11, 14 mm



Code	No.	y	/	l
4624110	316500 Basin wrench	260	300	1
1148141	316501 Adaptor 10 mm		15	1
1148168	316502 Adaptor 11 mm		15	1
1148176	316503 Adaptor 14 mm		15	1

**3166****UNIVERSAL BASIN WRENCH**

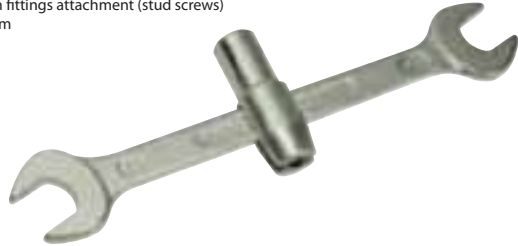
- T Suitable for many purposes, with hexagon tube size 13 mm for single lever taps
- T Pawl for use up to size 36 mm
- T Adaptor with cross handle and 1/2" square drive
- T For further accessories see no. 318100



Code	No.	y	/	l
4645970	316600		450	1
1 hexagon tube 13 mm Ø, 240 mm, No. 316601				
1 cross handle adaptor with 1/2" square drive No. 316603				
1 cross handle No. 316604				
1 pawl 36 mm Ø No. 316602				

3170**INSTALLATION WRENCH**

- T For bathroom fittings attachment (stud screws)
- T Size 17x19 mm



Code	No.	Size	y	/	l
4509360	317000	M10, 17x19 mm	220	260	1
4609310	317012	M12, 17x19 mm	220	315	1

3171**STUD SCREW WRENCH**

- T For bathroom fittings attachment (stud screws)
- T With pivotable thread insert
- T Sizes M6, M8, M10, M12



Code	No.	y	/	l
4509440	317100	220	300	1

3173**STUD SCREW INSERTER**

- T For the fast and easy insertion and removal of studs, bolts, etc.
- T With exchangeable hexagon drive



Code	No.	y	/	l
1523171	317306		130	1
with hexagon drive, M6				
1523198	317308		130	1
with hexagon drive, M8				
1523201	317310		130	1
with hexagon drive, M10				
1523228	317312		130	1
with hexagon drive, M12				

3174**STUD SCREW INSERTER**

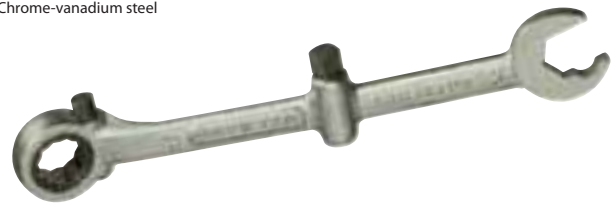
- T For the fast and easy insertion and removal of studs, bolts, etc.
- T With SDS-plus holder



Code	No.	y	/	l
1523236	317406		130	1
with SDS-plus holder, M6				
1523244	317408		130	1
with SDS-plus holder, M8				
1523252	317410		130	1
with SDS-plus holder, M10				
1523260	317412		130	1
with SDS-plus holder, M12				

3175**INSTALLATION WRENCH**

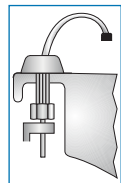
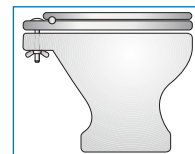
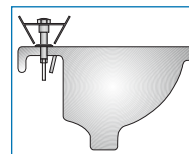
- T For bathroom fittings attachment (stud screws) M10 or M12 and corner valves
- T With reversible ratchet ring wrench size 17 or 19 mm and open ended spanner size 19 mm with special jaw design and thread to take stud screws M10 or M12
- T Chrome-vanadium steel



Code	No.	Size	y	/	l
4509520	317500	M10, size 17x19 mm	235	270	1
4609580	317512	M12, size 19x19 mm	235	260	1

3181**SANITARY INSTALLATION SET**

- T Can be used for nearly all works in the bathroom
- T Contains the most common tools used when installing taps of all usual models, corner valves, washbasin mountings or fittings, water connections, toilet seat fittings, etc.
- T Delivery in sheet steel case no. 318190

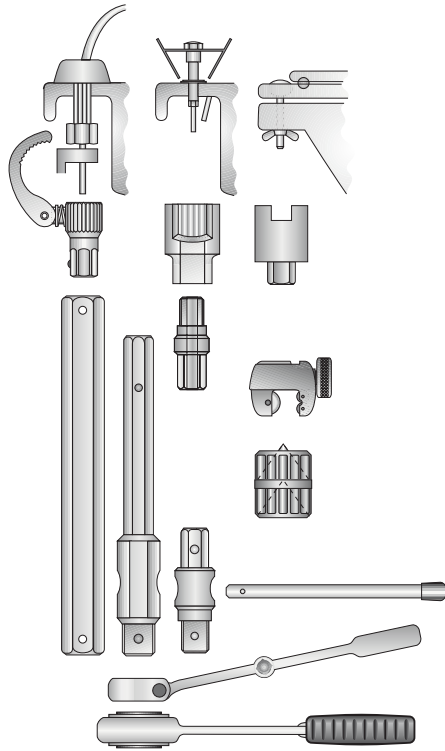


Code	No.	y	/	l
4722710	318100		2.760	1
1 basin wrench No. 316600				
1 hexagon extension 90 mm No. 316606				
1 socket wrench 10 mm No. 316608				
1 socket wrench 11 mm No. 316609				
1 socket wrench 14 mm No. 316610				
1 adaptor for socket wrenches 1/2" No. 316605				
1 insertion hook for toilet seat fittings No. 316607				
1 ratchet 1/2" No. 380200				
1 coupler 1/2" No. 380210				
1 installation wrench No. 317500				
1 miniature pipe cutter 4-16 mm No. 231000				
1 pipe deburring reamer 4-32 mm No. 232001				



E 318

PARTS



Code	No.	/	l
4698310	316601 Hexagon tube 13 mm Ø, 240 mm	190	1
4721740	316602 Pawl 13 mm Ø	115	1
4721820	316603 Cross handle adaptor with 1/2" square drive	75	1
4721900	316604 Cross handle	90	1
4722040	316605 Adaptor for socket wrenches 1/2"	50	1
4722120	316606 Hexagon extension 90 mm	220	1
4722200	316607 Insertion hook for toilet seat fittings	125	1
4722390	316608 Socket wrench 10 mm	55	1
4722470	316609 Socket wrench 11 mm	55	1
4722550	316610 Socket wrench 14 mm	60	1
4513120	380200 Ratchet 1/2"	420	1
1469029	380210 Square connector 1/2"	46	1
4509520	317500 Installation wrench M10, 17x19 mm	270	1
4504560	231000 Pipe cutter MINI-QUICK, 4-16 mm	125	1
1439510	232001 Pipe deburring reamer	30	1
4722980	318190 Sheet steel case	920	1

320

WRENCH FOR PLUMBING FITTINGS

- T With exchangeable plastic jaws No. 320100
- T For nickel-plated and chrome-plated fittings
- T Chrome-vanadium steel



Code	No.	Ø	y	/	l
4509600	320000	65	275	720	1
4540520	320100			10	1

321

QUICK-CLAMP FITTINGS WRENCH FIXO-SPANN®

- T With exchangeable protective brass jaws No. 321100
- T For nickel-plated and chrome-plated fittings
- T Chrome-manganese steel
- T Quick adjustment by ratchet and pawl clamp



Code	No.	Ø	y	/	l
4509790	321000	65	290	790	1
4540600	321100			25	1

322

PLUMBING WRENCH

- T Forged from high-quality aluminium
- T For special surface protection
- T Easy handling due to quick-release



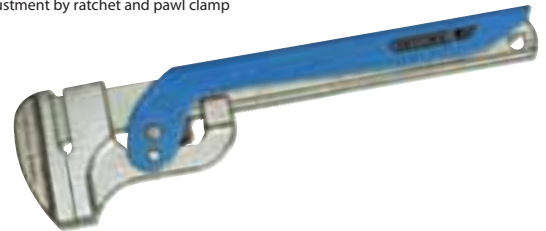
Code	No.	Ø	y	/	l
1949802	322000	73	260	260	1



324

QUICK-CLAMP WRENCH

- T Chrome-vanadium steel
- T Quick adjustment by ratchet and pawl clamp



Code	No.	Ø	y	/	l
4624970	324000	60	250	640	1

328

GRIP WRENCH

- T In malleable cast iron
- T With exchangeable special plastic jaws No. 328100
- T For secure, damage-free gripping and holding of pipes



Code	No.	Ø	y	/	l
4510100	328000	16-50	300	615	1
4609660	328100			30	1

**329****SPECIAL SIPHON PLIERS**

- T For tightening and removing screwed PVC pipe joints with round union nuts
- T With lap joint and three locking positions
- T No. 329001 with plastic jaws for special surface protection



Code	No.	y	/	l	G
4510290	329000	20-65	230	300	1
1984381	329001	20-65	230	300	1 G

340**GUTTER BENDING PLIERS**

- T Open pattern
- T With adjustment screw
- T With strong tube handles



Code	No.	for gutters	y	O	l
4510530	340006	6 x 40	640	3.080	1
4510610	340008	8 x 40	640	3.250	1

365**TAP RESEATING TOOL**

- T Cylindrical pattern
- T For the plane milling of leaky water-tap valves up to 1" without removing the tap



Code	No.	/	l
4511340	365001		330 1
	Basic tool, flat mills 3/8", 1/2", 3/4"		
4511420	365002		360 1
	Basic tool, flat mills 3/8", 1/2", 3/4", 1"		
4540870	365005		505 1
	Basic tool, flat mills 3/8", 1/2", 3/4" in plastic case		
4540950	365006		535 1
	Basic tool, flat mills 3/8", 1/2", 3/4", 1" in plastic case		

E 365**PARTS**

Code	No.	/	l
4610160	365100	300	1
	Basic tool, without mills and plastic case		
4610240	365101	5	1
	Flat mill 1/4"		
4610320	365103	5	1
	Flat mill 3/8"		
4610400	365105	5	1
	Flat mill 1/2"		
4610590	365107	15	1
	Flat mill 3/4"		
4625270	365110	25	1
	Flat mill 1"		
4610080	365090	205	1
	Plastic case		

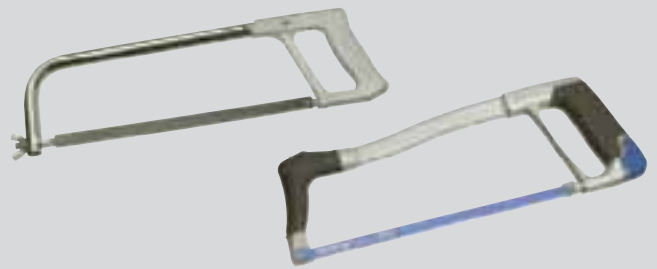
369**ANGLE REAMER**

- T Four- and five-edged, for reaming holes in sheet metal
- T Also suitable for producing measurement openings for exhaust gas analysis
- T Round shaft



Code	No.	y	/	l
4511500	369000	150	170	5

T Saws are listed up from page 284

**373****BORDERING PLIERS FOR WELDERS**

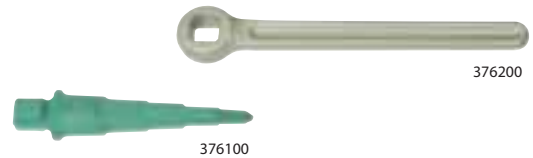
- T For making fillets on welding edges on pipe joints
- T Adjustable in 5 steps from 0°-180°



Code	No.	O	P	y	/	l
4611050	373001	5.5	20	290	475	1
4511770	373002	6.0	30	300	550	1

376**STEPPED KEY**

- T For the installation and removal of valve nipples 3/8", 1/2", 3/4", 1", 1.1/4"
- T Drive with 18 mm square



Code	No.	/	l
4512580	376000	630	1
	Stepped key with handle		
4541250	376100	245	1
	Stepped keys 3/8", 1/2", 3/4", 1", 1.1/4", enamelled blue		
4541330	376200	385	1
	Handle with 18 mm square, 240 mm long, galvanized		





377

STEPPED KEY

- T With tommy bar
- T For nipples 3/8" and 1/2"



Code	No.	/	l
4512660	377000	190	1

3785

PLUMBER'S WRENCH

- T With 14 functions for tap extensions 3/8", 1/2", 3/4", 1"
- T For the installation and removal of radiator valves and runback screwed unions
- T For stud screws M6, M8, M10, M12 and for screw plugs 3/8", 1/2"
- T Hexagon drive nut size 17, 22 mm

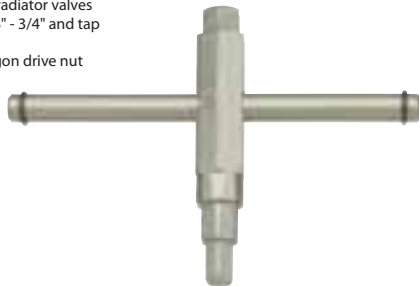


Code	No.	y	/	l
4512820	378500	220 x 220	670	1

379

COMBINATION STEPPED KEY

- T With tommy bar, for nipples 3/8", 1/2" and 3/4"; for the installation and removal of radiator valves
- T For runback screwed unions 3/8" - 3/4" and tap extensions
- T With pin, hexagon and bi-hexagon drive nut

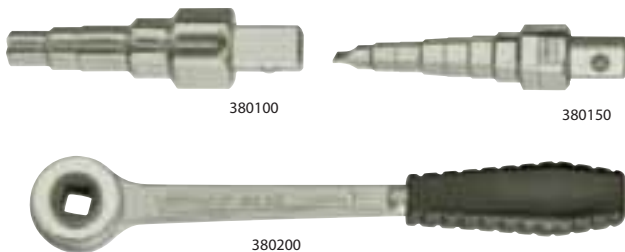


Code	No.	/	l
4541410	379100	220	1

380

COMBINATION STEPPED KEY

- T For the installation and removal of radiator valves, runback screwed unions 3/8" - 1" and short tap extensions
- T With pin, hexagon and bi-hexagon nut drive
- T 1/2" square drive



Code	No.	/	l
4512900	380000	555	1
Combi-stepped key No. 380100 with ratchet 1/2" No. 380200			
4630940	380001	555	1
Combi-stepped key No. 380150 with ratchet 1/2" No. 380200			
4513040	380100	135	1
Combi-stepped key with 5 steps			
4611130	380150	135	1
Combi-stepped key with 10 steps			
4513120	380200	420	1
Ratchet 1/2"			

3805

COMBINATION STEPPED KEY

- T For gas and water pipe screw connections with pin, hexagon and bi-hexagon nut drive
- T 1/2" square drive



Code	No.	/	l
4611480	380501	80	1
Combi-stepped key 3/8" - 1/2"			
4545910	380502	180	1
Combi-stepped key 1/2" - 1"			

SHEET METAL FORMING TOOLS

384

SINGLE PUNCH

- T With 3 cutting edges
- T For sheet metal up to 1.5 mm thickness, VA sheet up to 1.2 mm thickness
- T Chrome-alloyed stainless steel



Code	No.	/	l
4513470	384035	35	270
Single punch			
4513550	384042	42	400
Single punch			
4541760	384052	70	1
Spare nut M12 for 35+42 mm			

385

DOUBLE PUNCH

- T With 3 cutting edges
- T Size 28 x 33 mm
- T For sheet metal up to 1.5 mm thickness, VA sheet up to 1.2 mm thickness
- T Chrome-alloyed stainless steel



Code	No.	/	l
4513630	385007	460	1
Double punch			
4611640	385107	240	1
Punching die			
4611720	385207	125	1
Punch			
4541840	385300	70	1
Collared screw M10			

Detailed information on products, promotions and trade fairs

... www.gedore.com



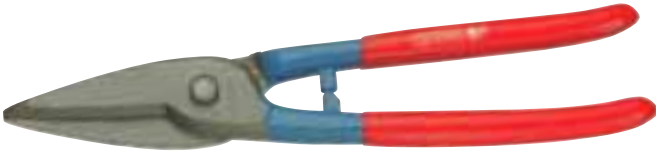


TIN SNIPS

420

TIN SNIPS

- T Right hand cutting
- T For long straight cuts
- T Berlin pattern
- T Ground cutting edges



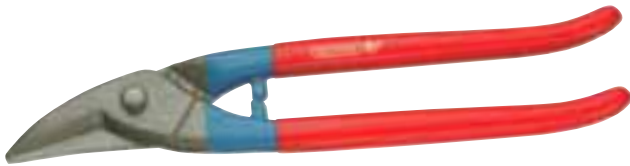
Code	No.	y	/	l
4513710	420020	225	440	1
4513980	420025	250	440	1
4514010	420030	300	710	1



421

HOLE CUTTING SNIPS

- T For short straight and figure cuts (great radii)
- T Ground cutting edges

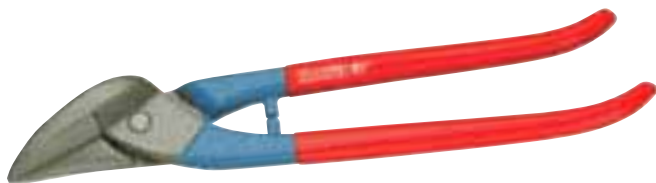


Code	No.	y	/	l
4514280	421025 right hand cutting	250	510	1
4514360	421027 right hand cutting	275	520	1
4514440	421030 right hand cutting	300	630	1
4514520	421125 left hand cutting	250	510	1
4514600	421127 left hand cutting	275	520	1
4514790	421130 left hand cutting	300	630	1

422

IDEAL PATTERN SNIPS

- T For straight continuous and figure cuts
- T Ground cutting edges



Code	No.	y	/	l
4514870	422026 right hand cutting	260	510	1
4514950	422028 right hand cutting	280	630	1
4515090	422126 left hand cutting	260	520	1
4515170	422128 left hand cutting	280	630	1

423

PELICAN PATTERN SNIPS

- T Right hand cutting
- T For long straight continuous and figure cuts
- T Ground cutting edges



Code	No.	y	/	l
4515250	423030	300	730	1
4515330	423035	350	730	1

8531

TIN SNIPS English pattern

- T Left hand cutting
- T With special, strong cutting edges
- T Ground cutting edges, handles blue epoxy coated



Code	No.	y	/	l
6757840	8531 8	200	260	1
6757920	8531 10	250	470	1
6758060	8531 12	300	650	1

424

IDEAL PATTERN SNIPS

- T For straight continuous and figure cuts
- T With lever action
- T Self-opening with installed spring, with lock
- T Ground cutting edges



Code	No.	y	/	l
4515410	424026 right hand cutting	260	530	1
4515680	424126 left hand cutting	260	520	1





8524 SS

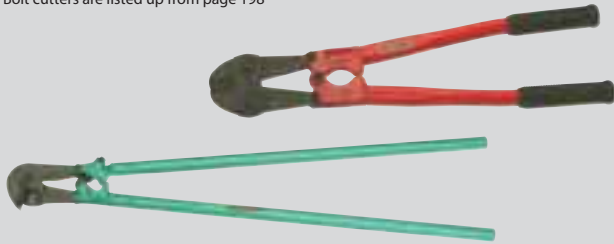
HEAVY-DUTY IDEAL PATTERN SNIPS

- T For straight continuous and figure cuts
- T With lever action
- T Right hand cutting
- T Self-opening with installed spring, with lock
- T Wear-resistant, extra hard
- T Ground cutting edges
- T Sheet thickness max. 1 mm (at 400 N/mm²)



Code	No.	y	/	l
6756520	8524 SS	260	520	1

T Bolt cutters are listed up from page 198



425

FIGURE SNIPS

- T For straight continuous and figure cuts
- T With lever action
- T Self-opening with installed spring, with lock
- T Ground cutting edges



Code	No.	y	/	l
4515760	425026 right hand cutting	260	480	1
4515840	425126 left hand cutting	260	480	1

8526 SS

HEAVY-DUTY FIGURE SNIPS

- T For straight continuous and figure cuts
- T With lever action
- T Right hand cutting
- T Self-opening with installed spring, with lock
- T Wear-resistant, extra hard
- T Ground cutting edges
- T Sheet thickness max. 1 mm (at 400 N/mm²)



Code	No.	y	/	l
6756950	8526 SS	260	480	1

E 424

REPAIR SET

- T For no. 424, 425 8524 SS and 8526 SS
- T Repair set comprising: locking unit complete, spare spring and screw

Code	No.	/	l
1464728	424027	10	1

426

NIBBLER

- T For cutting sheet metal up to 1.2 mm and plastics up to 2.0 mm
- T With replaceable cutting jaws

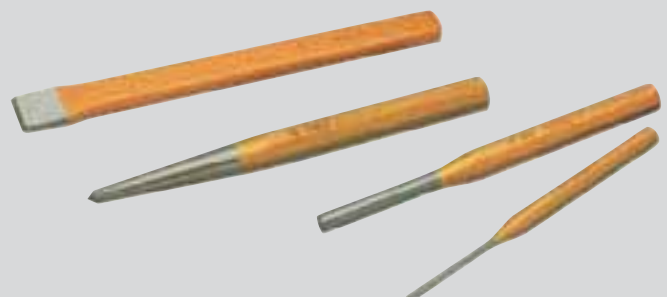


Code	No.	y	/	l
4515920	426026 Nibbler	265	480	1
4612020	426027 Spare knife		15	1
4612100	426028 Spare jaw		40	1
4612290	426029 Spare spring		5	1
4612370	426030 Spare nuts set		5	1

T Our extensive range of scrapers is listed up from page 400



T Our extensive range of chisels, drift and pin punches is listed up from page 401





ARC PUNCHES

5700

ARC PUNCH

- T To DIN 7200 Form A
- T For stamping out cardboard, leather, rubber, sealing materials and other soft materials
- T Cutting edge hardened



Code	No.		[	/	l
4542300	570002	2	1/16	45	5
4542490	570003	3	1/8	45	5
4542570	570004	4	5/32	50	5
4542650	570005	5	3/16	70	5
4542730	570006	6	1/4	70	5
4542810	570007	7		90	5
4543030	570008	8	5/16	90	5
4543110	570009	9	11/32	90	5
4543380	570010	10	3/8	125	5
4543460	570011	11	7/16	130	5
4543540	570012	12	15/32	130	5
4543620	570013	13	1/2	165	5
4626590	570014	14	9/16	170	5
4543890	570015	15	19/32	180	5
4543970	570016	16	5/8	180	5
4544000	570017	17	21/32	230	5
4544190	570018	18	11/16	230	5
4544270	570019	19	3/4	240	5
4544350	570020	20	25/32	315	5
4546560	570021	21	13/16	315	1
4545670	570022	22	7/8	320	1
4545750	570023	23	29/32	375	1
4540440	570024	24	15/16	375	1
4618300	570025	25	1	400	1
4618490	570026	26	1.1/32	375	1
4618570	570027	27	1.1/16	475	1
4618650	570028	28	1.3/32	500	1
4618730	570029	29	1.1/8	450	1
4618810	570030	30	1.3/16	590	1
4619030	570031	31		580	1
4619110	570032	32	1.1/4	580	1
4619380	570033	33		660	1
4619460	570034	34	1.5/16	675	1
4619540	570035	35	1.3/8	690	1
4619620	570036	36		700	1
4619700	570037	37	1.7/16	700	1
4619890	570038	38	1.1/2	770	1
4619970	570039	39		770	1
4620040	570040	40	1.9/16	860	1
4620120	570041	41	1.5/8	860	1
4620200	570042	42		970	1
4620390	570043	43	1.11/16	980	1
4620470	570044	44		980	1
4620550	570045	45	1.3/4	1020	1
4620630	570046	46	1.13/16	1110	1
4620710	570047	47	1.7/8	1180	1
4620980	570048	48		1180	1

Code	No.		[	/	l
4621010	570049	49	1.15/16	1190	1
4621280	570050	50		1200	1
4621360	570055	55		1850	1
4621440	570056	56	2.3/16	1850	1
4621520	570058	58	2.1/4	2000	1
4621600	570059	59	2.5/16	2000	1
4621790	570060	60		2000	1
4621870	570064	64	2.1/2	2250	1
4621950	570065	65		2250	1
4622090	570070	70	2.3/4	4000	1
4622170	570075	75		4400	1
4622250	570080	80	3.1/4	4400	1
4622330	570090	90		5300	1
4622410	570100	100	4	8700	1

5703

SET OF ARC PUNCHES

- T In plastic wallet no. 570390



Code	No.		/	l
1549472	570300	7 pieces, consisting of 1 piece each Arc punch 3, 5, 7, 8, 10, 11 and 13 mm	830	1
1549480	570301	8 pieces, consisting of 1 piece each Arc punch 3, 5, 7, 8, 10, 13, 16 and 19 mm	1120	1
1549499	570302	9 pieces, consisting of 1 piece each Arc punch 3, 5, 7, 8, 10, 13, 16, 19 and 20 mm	1450	1
1549502	570303	10 pieces, consisting of 1 piece each Arc punch 3, 5, 7, 8, 10, 13, 16, 19, 22 and 25 mm	1850	1
1549510	570304	8 pieces, consisting of 1 piece each Arc punch 3, 6, 8, 10, 12, 16, 20 and 25 mm	1470	1
1549758	570390	Plastic wallet, empty	110	1

PIPE CLEANING TOOLS

840

FLEXIBLE PIPE CLEANING SHAFT

- T For sink lines, drains, narrow pipes, etc.
- T Hot-dip galvanised spring-steel wire
- T Wound in 2 layers
- T With adjustable handle
- T 2-blade claw



Code	No.		Length m	for pipe Ø	Ø	l
4647910	840703	7	3.0	20-40	1.0	1
4657980	840705	7	5.0	20-40	1.3	1
4658010	840805	8	5.0	30-50	1.7	1
4648050	840807	8	7.5	30-50	2.5	1



841

FLEXIBLE PIPE CLEANING SHAFT

- T For normal drain pipes
- T Hot-dip galvanised spring-steel wire
- T Wound in 2 layers
- T With replaceable crank
- T 3-blade claw
- T May also be used with extension shafts no. 842



Code	No.	Length m	for pipe Ø	Ø	l	
4648130	841005	10	5	50-70	3.1	1
4652160	841010	10	10	50-70	5.4	1
4658280	841205	12	5	60-100	4.5	1
4652240	841210	12	10	60-100	8.1	1
4648210	841510	15	10	100-200	11.0	1

842

EXTENSION SHAFT

- T With coupling
- T For pipe cleaning shafts no. 841



Code	No.	Length m	for pipe Ø	Ø	l	
4648480	842005	10	5	50-70	2.8	1
4652320	842205	12	5	60-100	4.2	1
4648560	842505	15	5	100-200	5.5	1

860

HAND-TURNED PLUMBER'S SNAKE

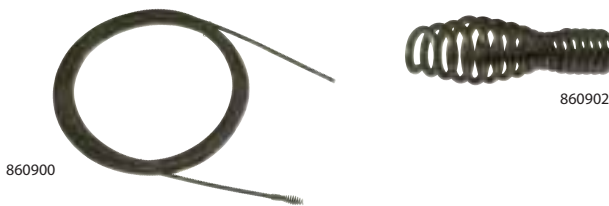
- T For drain pipes up to 50 mm Ø
- T In rust-resistant sheet steel drum, with hand crank and quick-action chuck
- T With Flexikern®-shaft drain sieve head



Code	No.	Length m	for pipe Ø up to	Ø	l	
1467166	860100	7	7.5	50	3.2	1

E 860

PARTS



Code	No.	Length m	for pipe Ø up to	Ø	l	
1467174	860900				1800	1
1467182	860902				40	1

861

HAND-TURNED PLUMBER'S SNAKE

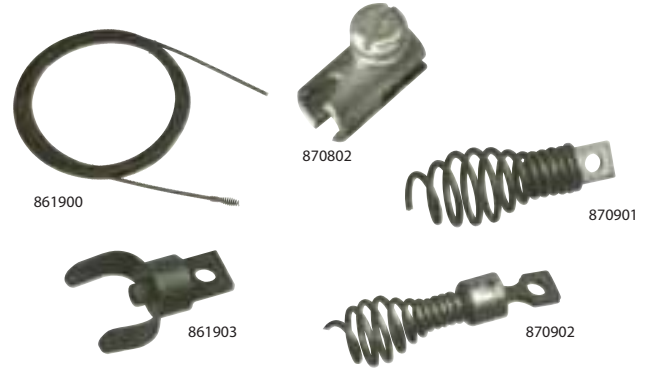
- T For drain pipes up to 75 mm Ø
- T In rust-resistant sheet steel drum, with hand crank and quick-action chuck
- T With Flexikern®-shaft including interchangeable drill head



Code	No.	Length m	for pipe Ø up to	Ø	l	
1467190	861000	10	7.5	75	4.3	1

E 861

PARTS



Code	No.	Length m	for pipe Ø	Ø	l	
1467204	861900				2860	1
1467239	870802				20	1
1467247	870901				50	1
1467255	870902				40	1
1467263	870903				50	1

870

DRAIN PIPE CLEANER

- T For drain pipes up to 50 or 75 mm Ø
- T Compact design with 5 different cleaning heads
- T Shafts 8 and 10 mm interchangeable without disassembling
- T Optional available with plastic case

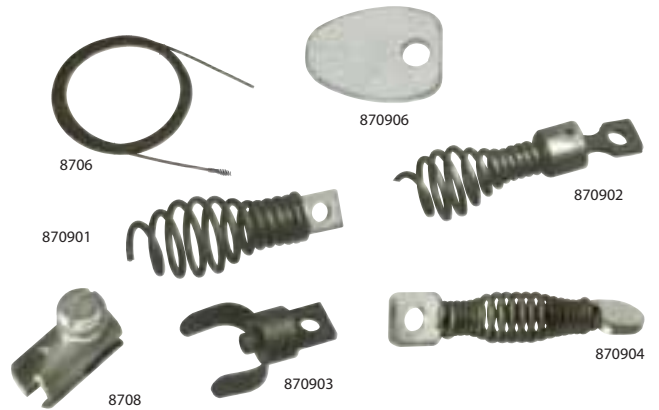
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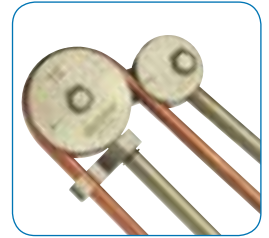
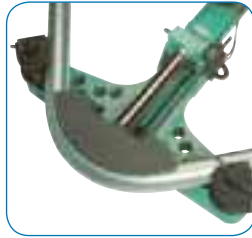
Code	No.	Length m	for pipe Ø	Ø	l	
1467271	870080	8	7.5	40-50	11.9	1
1467298	870100	10	10.5	50-75	13.6	1

E 870

PARTS



Code	No.	Description	Length m	for pipe Ø	Ø	l	
1467301	870608	Flexikern®-shaft 8 mm x 7,5 m with coupling				2000	1
1467328	870611	Flexikern®-shaft 10 mm x 10,5 m with coupling				3800	1
1467336	870801	Coupling for shafts 8 mm				22	1
1467239	870802	Coupling for shafts 10 mm				20	1
1467247	870901	Drilling head 30 mm				50	1
1467255	870902	Swivel drilling head 25 mm				40	1
1467263	870903	Fork drilling head 40 mm				50	1
1467344	870904	Spring milling head 16 mm				50	1
1467352	870905	Cutting knife 30 mm				40	1
1601849	870906	Milling tip 25 mm				40	1
1467816	870090	Plastic case				3100	1

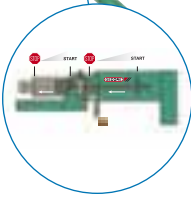


GEDORE PIPE BENDING SYSTEMS Advantages and benefits

FEATURES THAT MAKE THE DIFFERENCE...

- T Durable quality for heavy professional use
- T Gentle handling of workpieces
- T Suitable for solving problems, a variety of materials and applications
- T From simple bending pliers to a electro-hydraulic bending machine for 4" pipes

- T Hand-operated, hydraulic and electro-hydraulic
- T For the complete range of standard pipe grades
- T Solving problems is our strength - Please ask us!



Electrical limiter



USEFUL INFORMATION

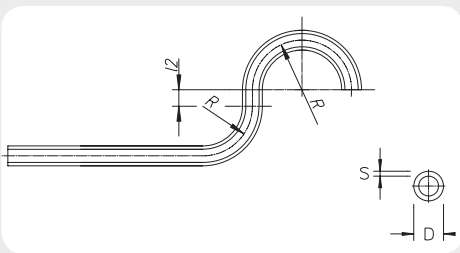
HOW DO I FIND THE RIGHT BENDING TOOL?

You need to consider the following points when choosing your bending machine:

- T Do you want to bend by hand?
- T Do you want to use a vice?
- T Is the machine to be hydraulically operated?
- T Is the machine to be electrically operated, and if so at what voltage?

The following points also need to be taken into account; refer to adjacent sketch:

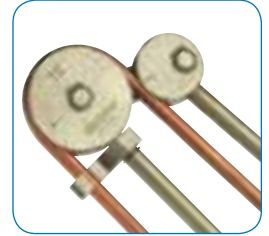
- T The shape of the pipe to be bent (round-section, square-section, etc.)
- T The outside diameter "D" of the pipe
- T The wall thickness "S" of the pipe
- T The pipe grade (e.g. steel, stainless steel, NF metals, etc.)
- T The required bending angle (e.g. 90°, 180° ... etc.)
- T Are bending radii "R" specified? (Example: 3 x D = R - this corresponds to a 25 mm outside diameter pipe with a bending radius of 75 mm)
- T Important: the radius is measured to the middle of the tube = neutral area
- T Details of the length "L" of the overall pipe
- T Are a number of bends to be made in succession? - If so, it is essential to state the distance between the pipe bends, "L2"
- T Are there any specifications for the pipe or the finished pipe bends which go beyond the details listed here (e.g. in power-station construction, the food industry or similar)?
- T A more detailed overview of the possible uses of our pipe bending machines and tools is given in the next pages.



We are the specialists!

We will be happy to receive your enquiries at the address below or by e-mail, fax or telephone:

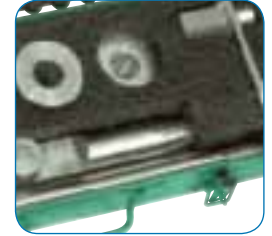
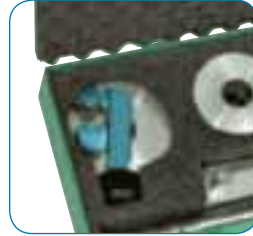
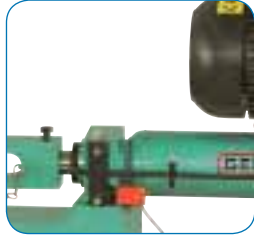
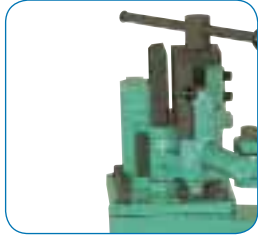
DAKO Werk Dowidat KG · Handelsweg 5-11 · 42897 Remscheid · Germany
Tel. +49 (0) 2191 - 69 70 · Fax +49 (0) 2191 - 66 15 40 · dako@gedore.de



APPLICATIONS OF THE GEDORE PIPE BENDER

Size	Outer diameter	Wall thickness	No. 240 2405	No. 241	No. 2415	No. 2420 2423 2424 2425	No. 243	No. 244	No. 2454 2455 2456	No. 246	No. 249	No. 250	No. 255 256	No. 257 258	No. 259 260	No. 261	No. 276	No. 278	No. 285
Gas and water pipes DIN 2440																			
1/8"	10,2 mm	2,00 mm																	180°
1/4"	13,5 mm	2,35 mm																	180°
3/8"	17,2 mm	2,35 mm								180°			90°	90°	90°	90°			180°
1/2"	21,3 mm	2,65 mm								180°			90°	90°	90°	90°			180°
3/4"	26,9 mm	2,65 mm								180°			90°	180°*	90°	90°			180°
1"	33,7 mm	3,25 mm											90°	180°*	90°	90°			
1.1/4"	42,4 mm	3,25 mm											90°	180°*	90°	90°			
1.1/2"	48,3 mm	3,25 mm												180°*	90°	90°			
2"	60,3 mm	3,65 mm												90°	90°	90°			
2.1/2"	76,1 mm	3,65 mm													90°	90°			
3"	88,9 mm	4,05 mm													90°	90°			
4"	114,3 mm	4,50 mm														90°			
Gas and water pipes DIN 2441																			
1/8"	10,2 mm	2,65 mm																	180°
1/4"	13,5 mm	2,90 mm																	180°
3/8"	17,2 mm	2,90 mm											90°	90°	90°	90°			180°
1/2"	21,3 mm	3,25 mm											90°	90°	90°	90°			180°
3/4"	26,9 mm	3,25 mm											90°	180°*	90°	90°			180°
1"	33,7 mm	4,05 mm											90°	180°*	90°	90°			
1.1/4"	42,4 mm	4,05 mm											90°	180°*	90°	90°			
1.1/2"	48,3 mm	4,05 mm												180°*	90°	90°			
2"	60,3 mm	4,50 mm												90°	90°	90°			
2.1/2"	76,1 mm	4,50 mm													90°	90°			
3"	88,9 mm	4,85 mm													90°	90°			
4"	114,3 mm	5,40 mm														90°			
Pipes for steam systems DIN 2448																			
3/8"	17,2 mm	1,80 mm											90°	90°	90°	90°			180°
1/2"	21,3 mm	2,00 mm											90°	90°	90°	90°			180°
	25,0 mm	2,00 mm											90°	90°	90°	90°			180°
3/4"	26,9 mm	2,30 mm											90°	90°	90°	90°			180°
	30,0 mm	2,60 mm											90°	90°	90°	90°			180°
	31,8 mm	2,60 mm											90°	90°	90°	90°			
1"	33,7 mm	2,60 mm											90°	90°	90°	90°			
	38,0 mm	2,60 mm												90°	90°	90°			
1.1/4"	42,4 mm	2,60 mm												90°	90°	90°			
	44,5 mm	2,60 mm												90°	90°	90°			
1.1/2"	48,3 mm	2,60 mm												90°	90°	90°			
	51,0 mm	2,60 mm												90°	90°	90°			
	57,0 mm	2,90 mm													90°	90°			
2"	60,3 mm	2,90 mm													90°	90°			
	63,5 mm	2,90 mm													90°	90°			
	70,0 mm	2,90 mm													90°	90°			
2.1/2"	76,1 mm	2,90 mm													90°	90°			





APPLICATIONS OF THE GEDORE PIPE BENDER

Size	Outer diameter	Wall thickness	No. 240 2405	No. 241	No. 2415	No. 2420 2423 2424 2425	No. 243	No. 244	No. 2454 2455 2456	No. 246	No. 249	No. 250	No. 255 256	No. 257 258	No. 259 260	No. 261	No. 276	No. 278	No. 285
Electrical installation ducts DIN EN 60423																			
M 12	12,0 mm	1,00 mm									90°	90°	90°	90°	90°	90°	180°		
M 16	16,0 mm	1,00 mm									90°	90°	90°	90°	90°	90°	180°		
M 20	20,0 mm	1,00 mm									90°	90°	90°	90°	90°	90°	180°		
M 25	25,0 mm	1,20 mm									90°	90°		90°	90°	90°	180°		
M 32	32,0 mm	1,20 mm									90°	90°		90°	90°	90°	180°		
M 40	40,0 mm	1,20 mm									90°	90°		90°	90°	90°			
M 50	50,0 mm	1,20 mm									90°	90°			90°	90°			
Banister-rail tubes																			
3/8"	17,2 mm	1,75 mm									90°	90°	90°	90°	90°	90°	180°		
1/2"	21,3 mm	1,75 mm									90°	90°	90°	90°	90°	90°	180°		
3/4"	26,9 mm	2,00 mm									90°	90°	90°	90°	90°	90°	180°		
1"	33,7 mm	2,00 mm									90°	90°		90°	90°	90°			
1.1/4"	42,4 mm	2,00 mm									90°	90°		90°	90°	90°			
1.1/2"	48,3 mm	2,00 mm									90°	90°			90°	90°			
2"	60,3 mm	2,00 mm										90°			90°	90°			
Multi-layer composite pipes																			
	14,0 mm	2,00 mm	180°			90°			90°	180°				90°*	90°*	90°	180°		
	16,0 mm	2,00 mm	180°			90°			90°	180°	90°			90°*	90°*	90°	180°		
	17,0 mm	2,00 mm								180°									
	18,0 mm	2,00 mm	180°			90°			90°	180°	90°			90°*	90°*	90°	180°		
	20,0 mm	2,00 mm	180°			90°			90°	180°	90°	90°		90°*	90°*	90°	180°		
	26,0 mm	3,00 mm							90°	180°							180°		
	32,0 mm	3,00 mm							90°		90°	90°		180°*	90°*	90°	180°		
	40,0 mm	3,50 mm									90°	90°		180°*	90°*	90°			
	50,0 mm	4,00 mm									90°	90°		180°*	90°*	90°			
	63,0 mm	4,50 mm													90°*	90°			
Copper pipes DIN EN 1057 half-hard in mm			12-22*	4,75-12		10-22*	6-16*	10-22		6-28*	12-35	20-28					6-22		6-18*
Copper pipes DIN EN 1057 soft in mm			12-22	4,75-12	4,75-10	10-22*	6-16*	10-22	5-22	6-28*	12-35	20-28					6-22		6-18*
Sheathed copper pipes in mm			12-18*			12-18*	6-12*	6-22*	6-22*		12-22*						6-22*		
Thin-walled NF pipes in mm			12-22	4,75-12	4,75-10	10-22*	6-16*	10-30		12-28*	12-42	20-60,3					10-32		
Hydraulic pipes DIN 2391 in mm			12-15	4,75-12		10-18*	6-12*	10-22	5-18*	12-22*	12-42	20-60,3	14-32*	14-50*	14-76,1*	14-76,1*	6-28*	3-25*	6-18*
Precision steel pipes DIN 2394 in mm			12-15	4,75-12		10-18*	6-12*	10-22	5-18*	12-22*	12-54	20-54	14-32*	14-50*	14-76,1*	14-76,1*	6-28*	3-25*	6-18*
Stainless steel pipes DIN 17 440 in mm						10-18*			5-18*	12-22*	12-42*	20-60,3	14-32*	14-40*	14-60,3*	14-60,3*	6-28*	3-25*	

*) depending on size / finish / pipe properties - see catalogue





GEDORE

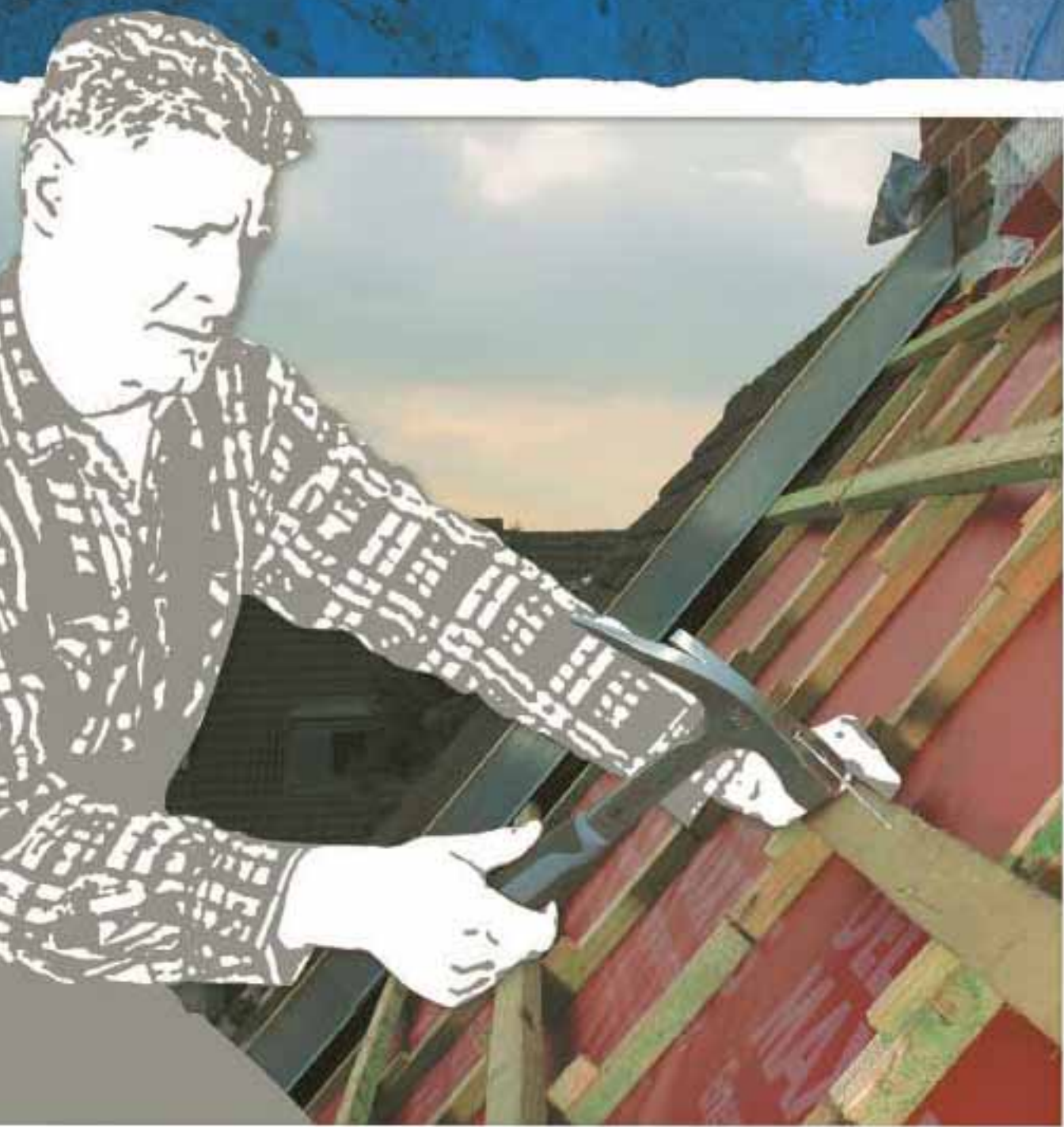


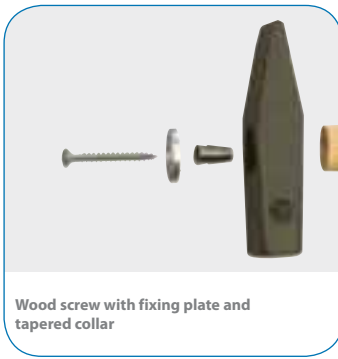
SAFETY BEAT BY BEAT OPTIMUM WORK RESULTS

OVERVIEW

- † Engineers' hammers
- † Club hammers
- † Sledge hammers
- † Bricklayer's hammers
- † Claw hammers
- † Carpenter's hammers
- † Recoilless hammers
- † Safety hammers
- † Forging tools
- † Scraper, chisels
- † Pin, Drift and Centre punches
- † Sets, Merchandiser
- † Bending tools, pry bars
- † Nail lifters, crow bars



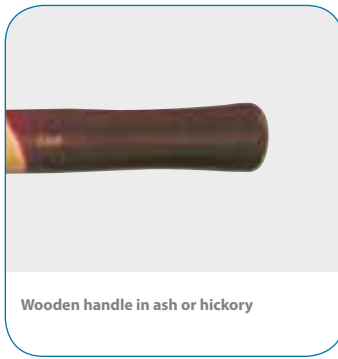




Wood screw with fixing plate and tapered collar



Long protective steel sleeve



Wooden handle in ash or hickory

- ROT BAND-PLUS HAMMER**
- ① The hammer shaft is pressed into the hammer head.
 - ② The ring wedge is pressed in to secure the shaft in the eye of the hammer head.
 - ③ The round, conical form ensures an all-round, uniform pressure.
 - ④ Tightening the wood screw ensures a positive fit of the safety plate with the shaft.

ROT BAND-PLUS HAMMERS A safe join

The join between the hammer head and the handle is one of the most important features of the ROT BAND-PLUS. A wood screw, a tapered collar and a fixing plate ensure a permanent and safe holding.

ALL ADVANTAGES AT A GLANCE

- T Patented handle join
- T High safety
- T Long service life
- T Best price-performance ratio

The sleeve, the tapered collar, the fixing plate and the wood screw bond the hammer head and the handle into one unit.

① The hammer head corresponds to the relevant DIN standard. Following the forging process, it is carefully hardened and tempered. This is a guarantee of an extra-long service life.

② The hammer head corresponds to the relevant DIN standard. Following the forging process, it is carefully hardened and tempered. This is a guarantee of an extra-long service life.

③ The protective steel sleeve is hardened and thus especially resistant. It protects the handle from damage when the hammer misses its target, and gives the hammer head additional security.

④ The handle in hand-friendly wood, is extremely bend-resistant. This has been proven by tests carried out at the Institute for testing and checking (VPA) in Remscheid.

FEATURES

The values required by the German standards institute (DIN) are exceeded considerably. According to the report by the Institute for testing and checking (VPA) in Remscheid, with the ROT BAND-PLUS hammers more than five times required force was reached.

Bending strength, e.g. 500 g

Due to the hardened ROT BAND-PLUS protective sleeve for the handle and the fixing plate, the bending strength of the ROT BAND-PLUS hammers compared to standard DIN hammers is increased substantially.

SAFETY PRINCIPLE

Unprotected hammer handle - After 30 impacts: Noticeable damage to the handle - risk of breakage!

Wooden handle with ROT BAND-PLUS Safety Feature - After 1,000 impacts: Slight traces in the paint, no deformation, absolutely firm seating.

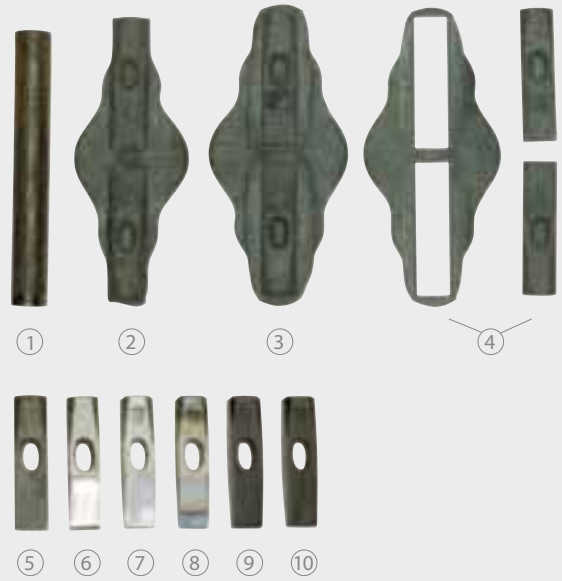
With the standardised ROT BAND-PLUS handles every standardised hammer head can be turned into a ROT BAND-PLUS hammer.



MANUFACTURING PROCESS FOR HAMMERS

HAMMER HEAD

- ① C45 hardened and tempered steel precisely cropped to length.
- ② Hot pre-forged in a double forging die.
- ③ Fully forged blank.
- ④ De-burring of the blanks.
- ⑤ Production of the hammer eye.
- ⑥ After descaling the blank, it is machined all round in accordance with DIN 1193. The pein and face of the hammer head are additionally ground.
- ⑦ The hammer head is induction hardened to 50-58 HRC and then annealed. Care has to be taken to ensure that, within a defined measured area, the hardness deviation is no greater than 5 HRC. The hardening depth on the face and pein must be at least 3 mm. The hardness of the eye zones, however, must not exceed 30 HRC. The hammer head now has hard striking faces and a soft "shock absorber" zone. These safety-relevant values are subject to continuous monitoring. The hammer head is permanently stamped with the manufacturer's mark, weight and DIN 1041.
- ⑧ The hammer head is sand blasted to descale and degrease it.
- ⑨ Corrosion protection by stove enamelling.
- ⑩ The hammer face and pein are ground bright in accordance with DIN 1041. Attention is paid here particularly to regular clean edges and to a slight convex geometry of the face.



HAMMER SHAFT

- ① Shaft blank from hickory. This tough wood has long fibres, making it ideal for hammer shafts. The long fibres cushion the impact in the hand. The tight annealed rings give the wood its flexural strength.
- ② The square shaft blank is cut to size.
- ③ The hammer shaft is milled.
- ④ The look is improved by sanding.
- ⑤ Coating with water-soluble clear varnish.
- ⑥ The hand end is set off in mahogany staining.
- ⑦ The shaft protection sleeve is pressed on and the shaft tampon printed.

ADVANTAGES OF THE DIFFERENT HANDLE TYPES



HICKORY HANDLES

- T High quality and extremely break-proof wood. Compared with ash the physical load stability of hickory is around 3-4 times higher
- T Long-fibre structure: More safety in the event of a handle breakage - the wood is held together by the long fibres and hence uncontrolled separation of the broken handle as well as the hammer head is avoided
- T Vibration dampening
- T Long life = very good price/performance ratio



ASH HANDLES

- T This wood is prescribed by the DIN as the minimum wood quality
- T Inexpensive
- T Short-fibre structure: the short fibres in the wood mean that, in the event of a break, the shaft cannot be held together. The shaft breaks into two parts.



FIBRE GLASS HANDLES

- T Robust - virtually unbreakable
- T Insensitive to all weather conditions - can also be fully used in minus temperatures and is still unbreakable
- T Resistant to all common chemicals such as for example oils and greases



TUBULAR STEEL HANDLES

- T High bending strength
- T Resistant to the influence of weather

WOOD IS A NATURAL PRODUCT!

- T GEDORE uses only wood types and timbers that comply with DIN 68 340 (Wooden Shafts for Impact Tools) Wood retains its natural properties even after processing
- T Trees regulate their moisture content by giving off moisture through their pores. This property is retained in processed wood. This means that a wooden hammer shaft loses moisture through its pores when the air humidity is low.
- T DIN 68 340 defines the required moisture content of the hammer shaft at the time of joining the shaft to the head. This must be between 12% and 14% in relation to the dry weight. In-house manufacture under continuous quality controls guarantees compliance with the requirements of DIN 68 340.

Tip:

- T Before use, always check that the hammer head is securely attached to the shaft!
- T Never store the hammer in too dry conditions!
- T Storage in well-heated rooms or near a source of heat is particularly harmful, drawing moisture out of the hammer shaft, causing the shaft section to shrink. In extreme cases, the secure fit of the hammer head on the shaft can no longer be guaranteed.





SAFETY NOTES FOR HAMMERS

- T Wear safety glasses and safety gloves!
- T Use the hammer only for its intended purpose!
- T Never misuse the hammer as a lever!
- T Before starting work, check that the hammer head is securely attached to the shaft!
- T Select the appropriate type and size of hammer for the work to be carried out!
- T Never hit two hammers together!
- T Never use steel hammers on workpieces harder than 46 HRC! Use suitable plastic-faced hammers for this! In case of doubt, the healthier choice is a suitable plastic-faced hammer.
- T Avoid bouncing blows!
- T Use only the work faces of the hammer! Blows with the side face damage the non-hardened hammer eye. This can loosen the grip of the shaft in the hammer head.
- T If a burr forms on the peen or face of the hammer head, this must be immediately removed. Failure to do this can pose the risk of splintering when the hammer is in use.
- T Grip the hammer shaft as far away from the hammer head as possible! This improves the impact effect and avoids vibrations.
- T Do not store hammers with wooden shafts in warm, dry environments! Wood is a natural product. Dry, warm storage conditions cause the shaft to lose moisture and shrink, so that the hammer shaft is no longer a tight fit in the hammer head. Opposite storage conditions also have a negative effect on the wooden shaft. Do not store the wooden shaft in too damp conditions! Too much moisture causes the wooden shaft to swell up and destroys the wooden fibres. This can result in the wooden shaft snapping behind the eye area.
- T Use only approved hammers for work in explosion-hazard areas!
- T Use only suitable GEDORE replacement shafts and wedges.

ENGINEERS' HAMMERS ROTBAND-PLUS

600 E + 600 H

ENGINEERS' HAMMER ROTBAND-PLUS

- T Forged hammer head DIN 1041 made from special steel
- T With contoured ash (600 E) or hickory handle (600 H) DIN 5111
- T Additionally shaped with a long hardened handle protective steel sleeve
- T Patented handle join, high working safety, long service life, best price-performance ratio

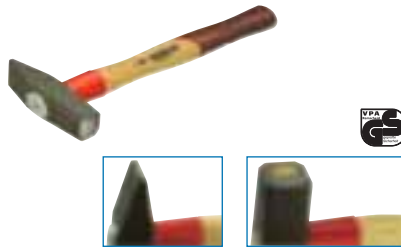


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8581880	600 E-200		200		275	6
8581960	600 E-300		300		425	6
8582180	600 E-400		400		510	6
8582260	600 E-500		500		615	6
8582340	600 E-600		600		765	6
8582420	600 E-800		800		1000	6
8582500	600 E-1000		1000		1215	6
8582690	600 E-1500		1500		1750	6
8582770	600 E-2000		2000		2375	6
8582850	600 H-100		100		170	6
8582930	600 H-200		200		275	6
8583070	600 H-300		300		425	6
8583150	600 H-400		400		510	6
8583230	600 H-500		500		615	6
8583310	600 H-600		600		765	6
8583580	600 H-800		800		1000	6
8583660	600 H-1000		1000		1215	6
8583740	600 H-1500		1500		1750	6
8583820	600 H-2000		2000		2375	6

600 IH

ENGINEERS' HAMMER ROTBAND-PLUS

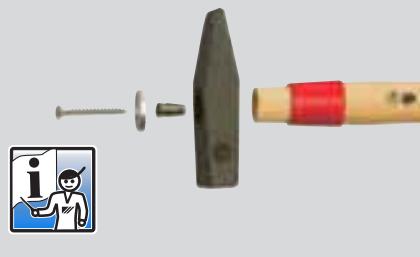
- T The edges of the flat side of the head are induction hardened
- T Forged hammer head DIN 1041 made from special steel
- T With contoured ash or hickory handle DIN 5111
- T Additionally shaped with a long hardened handle protective steel sleeve
- T Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	/	Z	/	[	l
8583900	600 IH-200		200		275	6
8584040	600 IH-300		300		425	6
8584120	600 IH-400		400		510	6
8584200	600 IH-500		500		615	6
8584390	600 IH-600		600		765	6
8587300	600 IH-800		800		1000	6
8587490	600 IH-1000		1000		1215	6
8587570	600 IH-1500		1500		1750	6
8588970	600 IH-2000		2000		2375	6

HELIVING - MADE EASY

- T Hammer the handle into the hammer head until it reaches the casing
- T Drive the tapered collar into the centre of the handle
- T Fasten the safety plate with a wood screw



640 E + 640 H

DISPLAY RACK FOR HAMMERS 40 pieces

- T For engineer's hammers in ROTBAND-PLUS execution
- T 640 E with ash handle
- T 640 H with hickory handle
- T For hanging on a perforated panel



Code	No.	Ø	l
8887880	640 E	32.0	1
11x 200g 9x 300g 8x 500g 6x 800g 6x 1000g			
8887960	640 H	32.0	1
11x 200g 9x 300g 8x 500g 6x 800g 6x 1000g			

E 600 E + E 600 H

SPARE HANDLE ROTBAND-PLUS

- T Contoured ash (E 600 E) or hickory handle (E 600 H) DIN 5111
- T With hardened handle protective steel sleeve, tapered collar, fixing plate and wood screw
- T With this handle acc. to DIN 5111, every standard DIN hammer head can be converted to a ROTBAND-PLUS-hammer



Code	No.	y	/	l
8589000	E 600 E-100	260	50	10
8589190	E 600 E-200	280	55	10
8589270	E 600 E-300	300	110	10
8589350	E 600 E-400	310	120	10
8589430	E 600 E-500	320	125	10
8589510	E 600 E-600	330	130	10
8589780	E 600 E-800	350	170	10
8589860	E 600 E-1000	360	235	10
8589940	E 600 E-1500	380	255	10
8593700	E 600 E-2000	400	345	10
8593890	E 600 H-100	260	50	10
8595080	E 600 H-200	280	55	10
8595160	E 600 H-300	300	110	10
8595240	E 600 H-400	310	120	10
8596480	E 600 H-500	320	125	10
8596560	E 600 H-600	330	130	10
8596640	E 600 H-800	350	170	10
8597880	E 600 H-1000	360	235	10
8597960	E 600 H-1500	380	255	10
8599070	E 600 H-2000	400	345	10

E 5

SPARE TAPERED COLLAR

- T For safe fastening of the wooden handles



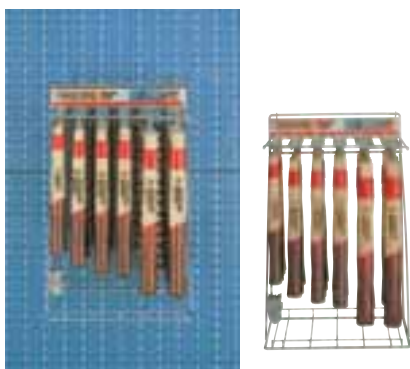
Code	No.	y	/	l
8593970	E 5-100	7	12.0	1 10
8594000	E 5-200	8	15.0	2 10
8594190	E 5-300	10	17.0	3 10
8594270	E 5-400	11	18.0	5 10
8594350	E 5-500	12	20.0	7 10
8594860	E 5-600	13	20.0	8 10
8594430	E 5-800	14	21.0	10 10
8594940	E 5-1000	14	21.0	10 10
8594510	E 5-1500	15	23.5	11 10
8594780	E 5-2000	16	23.0	13 10



E 630 E + E 630 H

DISPLAY RACK FOR HAMMER HANDLES 36 pieces

- T ROTBAND-PLUS execution
- T E 630 E with ash handles
- T E 630 H with hickory handles
- T For free standing or hanging on a merchandiser



Code	No.	Ø	l
8678530	E 630 E 6 handles each 200 g 300 g 400 g 500 g 800 g 1000 g	9.5	1
8679180	E 630 H 6 handles each 200 g 300 g 400 g 500 g 800 g 1000 g	10.4	1

4 IH

ENGINEERS' HAMMER

- T Edges of the flat side of the head are induction hardened
- T Forged hammer head DIN 1041
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T Hickory handle DIN 5111



Code	No.	/ Z	/ [	l
8752600	4 IH-200	200	255	6
8752790	4 IH-300	300	420	6
8752870	4 IH-400	400	510	6
8752950	4 IH-500	500	610	6
8753090	4 IH-600	600	730	6
8753170	4 IH-800	800	970	6
8753250	4 IH-1000	1000	1235	6
8753330	4 IH-1500	1500	1755	6
8753410	4 IH-2000	2000	2345	6

4 K

ENGINEERS' HAMMER

- T Forged hammer head DIN 1041
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T With Ultramid® plastic handle and safety wedge



Code	No.	/ Z	/ [	l
8812950	4 K-200	200	230	6
8604170	4 K-300	300	400	6
8604330	4 K-500	500	620	6
8604680	4 K-800	800	950	6
8604760	4 K-1000	1000	1150	6

ENGINEERS' HAMMERS

4 E + 4 H

ENGINEERS' HAMMER

- T Forged hammer head DIN 1041
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T Ash (4 E) or hickory handle (4 H) DIN 5111



Code	No.	/ Z	/ [	l
8586090	4 E-50	50	85	6
8586170	4 E-100	100	150	6
8586250	4 E-200	200	255	6
8586330	4 E-300	300	420	6
8586410	4 E-400	400	510	6
8586680	4 E-500	500	610	6
8586760	4 E-600	600	730	6
8586840	4 E-800	800	970	6
8586920	4 E-1000	1000	1235	6
8587060	4 E-1500	1500	1755	6
8587140	4 E-2000	2000	2345	6
8590010	4 H-50	50	85	6
8590280	4 H-100	100	150	6
8590360	4 H-200	200	255	6
8590440	4 H-300	300	420	6
8590520	4 H-400	400	510	6
8590600	4 H-500	500	610	6
8590790	4 H-600	600	730	6
8590870	4 H-800	800	970	6
8590950	4 H-1000	1000	1235	6
8591090	4 H-1500	1500	1755	6
8591170	4 H-2000	2000	2345	6



E 4 E + E 4 H

SPARE HANDLE

- T Ash (E 4 E) or hickory (E 4 H), acc. to DIN 5111
- T With oval fixing hole



Code	No.	γ	/	l
8587650	E 4 E-50	250	45	10
8587730	E 4 E-100	260	50	10
8587810	E 4 E-200	280	55	10
8588030	E 4 E-300	300	110	10
8588110	E 4 E-400	310	120	10
8588380	E 4 E-500	320	125	10
8588460	E 4 E-600	330	130	10
8588540	E 4 E-800	350	170	10
8588620	E 4 E-1000	360	235	10
8588700	E 4 E-1500	380	255	10
8588890	E 4 E-2000	400	345	10
8591250	E 4 H-50	250	45	10
8591330	E 4 H-100	260	50	10
8591410	E 4 H-200	280	55	10
8591680	E 4 H-300	300	110	10
8591760	E 4 H-400	310	120	10
8591840	E 4 H-500	320	125	10
8591920	E 4 H-600	330	130	10
8592060	E 4 H-800	350	170	10
8592140	E 4 H-1000	360	235	10
8592220	E 4 H-1500	380	255	10
8592300	E 4 H-2000	400	345	10

E 4 K

SPARE HANDLE

- T Made from Ultramid® plastics
- T Suitable for all hammer heads acc. to DIN 1041
- T Delivery complete with tapered collar and fixing clip
- T Ultramid® = trade name of BASF AG, Germany



Code	No.	γ	/	l
8897170	E 4 K-200	280	55	10
8897250	E 4 K-300	300	120	10
8897330	E 4 K-500	320	110	10
8897410	E 4 K-800	350	170	10
8897680	E 4 K-1000	360	235	10

500 F

ENGINEERS' HAMMER

- T Forged hammer head made from special steel
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T Nearly unbreakable fibreglass handle with plastic grip
- T Additionally hardened handle protective steel sleeve, up from 1000 g with secured head
- T Induction tempered edges of the flat side of the head available on request



Code	No.	/ Z	/ [	l
8598180	500 F-200	200	330	6
8598260	500 F-300	300	460	6
8598340	500 F-400	400	605	6
8598420	500 F-500	500	710	6
8598500	500 F-600	600	835	6
8598690	500 F-800	800	1025	6
8598770	500 F-1000	1000	1315	6
8598850	500 F-1500	1500	1890	6
8598930	500 F-2000	2000	2460	6





500 ST

ENGINEERS' HAMMER

- T Forged hammer head made from special steel
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T Steel tube handle with plastic grip
- T Very robust and durable

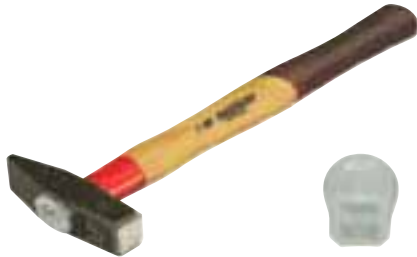


Code	No.	/ Z	/ [	l
8606620	500 ST-300	300	685	6
8606890	500 ST-500	500	840	6

6 NA

SOFT FACE CAP for engineers' hammers

- T Polyethylene



Code	No.	for Z	g	/	l
8605570	6 NA-300	300	22	1	
8605650	6 NA-500	500	49	1	
8605730	6 NA-800	800	64	1	
8802990	6 NA-1000	1000	53	1	

8601

ENGINEER'S BALL PEIN HAMMER

- T Hardened and tempered steel to DIN EN 10083
- T Enamelled, face and ball ground
- T Ash shaft (E-8601 E)



Code	No.	y	Z	lbs	/	l
6764030	8601 1/4 LBS	270	1/4	150	1	
6764110	8601 1/2 LBS	290	1/2	300	1	
6764380	8601 3/4 LBS	310	3/4	420	1	
6764460	8601 1 LBS	325	1	550	1	
6764540	8601 1.1/4 LBS	350	1.1/4	700	1	
6764620	8601 1.1/2 LBS	365	1.1/2	800	1	
6764700	8601 2 LBS	380	2	1050	1	
1388371	E-8601 E 1/4 LBS	270		111	1	
1797689	E-8601 E 1/2 LBS	290		111	1	
1797700	E-8601 E 3/4 LBS	310		111	1	
1797719	E-8601 E 1 LBS	325		111	1	
1797727	E-8601 E 1.1/4 LBS	350		111	1	
1797735	E-8601 E 1.1/2 LBS	365		111	1	
1797743	E-8601 E 2 LBS	380		111	1	



525 H

HAMMER KOMBI-PLUS

- T Combination of engineers' and plastic hammer
- T ROTBAND execution
- T With hickory handle (E 500 H) with hardened handle protective steel sleeve
- T Spare head E 225-27



Code	No.	y	Z	/	l
1441310	525 H-500	27	320	500	615 6

HANDLE TYPES

- T For more information on handle types see page 387



JOINERS' HAMMERS

601 H

JOINERS' HAMMER ROTBAND-PLUS French pattern

- T With contoured hickory handle DIN 5111
- T Additionally hardened steel sleeve
- T Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	X	/	[	Spare handle	l
8748840	601 H-22	22	380	E 600 H-300	6	
8749060	601 H-25	25	480	E 600 H-400	6	
8749140	601 H-28	28	595	E 600 H-500	6	

65 E

JOINERS' HAMMER French pattern

- T With ash handle



Code	No.	X	/	[	Spare handle	l
8684260	65 E-18	18	195	E 4 E-100	6	
8684340	65 E-20	20	255	E 4 E-300	6	
8684420	65 E-22	22	340	E 4 E-300	6	
8684500	65 E-25	25	460	E 4 E-400	6	
8684690	65 E-28	28	625	E 4 E-500	6	
8684770	65 E-30	30	755	E 4 E-600	6	



CLUB HAMMERS

620 E + 620 H

CLUB HAMMER ROTBAND-PLUS

- T Forged head DIN 6475 made from special steel
- T Contoured ash (620 E) or hickory handle (620 H) DIN 5135
- T Additionally with long hardened handle protective steel sleeve
- T Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	/ Z	/ [	l
8886990	620 E-1000	1000	1190	6
8887020	620 E-1250	1250	1410	6
8887100	620 E-1500	1500	1735	6
8887290	620 E-2000	2000	2240	6
8887370	620 H-1000	1000	1190	6
8887450	620 H-1250	1250	1410	6
8887530	620 H-1500	1500	1735	6
8887610	620 H-2000	2000	2240	6

E 620 E + E 620 H

SPARE HANDLE ROTBAND-PLUS

- T Contoured ash (E 620 E) or hickory handle (E 620 H) DIN 5135
- T With hardened handle protective steel sleeve, fixing plate, tapered collar and wood screw
- T With this handle acc. to DIN, every standard DIN club hammer head can be converted to a ROTBAND-PLUS club hammer



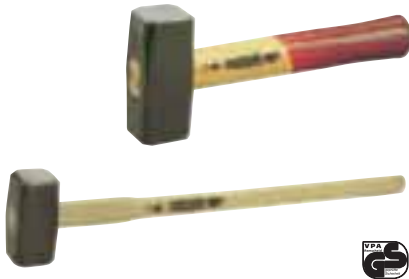
Code	No.	y	/	l
8678100	E 620 E-1000	260	190	1
8749650	E 620 E-1250	260	190	1
8676670	E 620 E-1500	280	225	1
8676750	E 620 E-2000	300	240	1
8677210	E 620 H-1000	260	190	1
8749730	E 620 H-1250	260	190	1
8677480	E 620 H-1500	280	225	1
8677560	E 620 H-2000	300	240	1



20 E + 20 H

CLUB HAMMER

- T Forged head DIN 6475
- T Carefully hardened and tempered
- T Striking faces polished, accurate chamfer
- T With ash (20 E) or hickory handle (20 H) DIN 5135



Code	No.	/ Z	/ [	l
8632460	20 E-1000	1000	1190	6
8632540	20 E-1250	1250	1410	6
8632620	20 E-1500	1500	1725	6
8632700	20 E-2000	2000	2240	6
8632890	20 E-3	3000	3460	1
8632970	20 E-4	4000	4620	1
8633000	20 E-5	5000	5925	1
8633190	20 E-6	6000	6925	1
8633270	20 E-8	8000	9100	1
8633350	20 E-10	10000	11100	1
8635210	20 H-1000	1000	1190	6
8635480	20 H-1250	1250	1410	6
8635560	20 H-1500	1500	1725	6
8635640	20 H-2000	2000	2240	6
8635720	20 H-3	3000	3460	1
8635800	20 H-4	4000	4620	1
8635990	20 H-5	5000	5925	1
8636020	20 H-6	6000	6925	1
8636100	20 H-8	8000	9100	1
8636290	20 H-10	10000	11100	1

E 20 E + E 20 H

SPARE HANDLE

- T Ash (E 20 E, E 9 E) or hickory (E 20 H, E 9 H)
- T E 20 acc. to DIN 5135
- T E 9 acc. to DIN 5112

Code	No.	for hammer	y	/	l
8633940	E 20 E-1000	20-1000, 20-1250, 46-1000, 46-1250	260	190	10
8634160	E 20 E-1500	20-1500, 46-1500	280	225	10
8634240	E 20 E-2000	20-2000, 46-2000	300	240	10
8636880	E 20 H-1000	20-1000, 20-1250	260	190	10
8637180	E 20 H-1500	20-1500	280	225	10
8637260	E 20 H-2000	20-2000	300	240	10
8613080	E 9 E-3	9-3, 10-3, 17-3, 20-3	600	460	1
8613160	E 9 E-4	9-4, 10-4, 17-4, 20-4	700	620	1
8613240	E 9 E-5	9-5, 9-6, 10-5, 10-6, 17-5, 17-6, 20-5, 20-6	800	925	1
8613400	E 9 E-8	9-8, 9-10, 17-8, 17-10, 20-8, 20-10	900	1100	1
8616500	E 9 H-3	9-3, 10-3, 17-3, 20-3	600	460	1
8616690	E 9 H-4	9-4, 10-4, 17-4, 20-4	700	620	1
8616770	E 9 H-5	9-5, 9-6, 10-5, 10-6, 17-5, 17-6, 20-5, 20-6	800	925	1
8616930	E 9 H-8	9-8, 9-10, 17-8, 17-10, 20-8, 20-10	900	1100	1

20 F

CLUB HAMMER

- T Forged head DIN 6475
- T Carefully hardened and tempered
- T Striking faces polished, accurate chamfer
- T Nearly unbreakable fibreglass handle with plastic grip and secured head



Code	No.	/ Z	/ [	l
8815620	20 F-1000	1000	1190	6
8815700	20 F-1250	1250	1410	6
8815890	20 F-1500	1500	1725	6
8815970	20 F-2000	2000	2240	6
8816000	20 F-3	3000	3460	1
8866530	20 F-4	4000	5050	1
8866610	20 F-5	5000	6100	1
8866880	20 F-6	6000	7100	1
8866960	20 F-8	8000	9150	1
8867180	20 F-10	10000	11200	1

20 ST

CLUB HAMMER

- T Forged head
- T Carefully hardened and tempered
- T Striking faces polished, accurate chamfer
- T With steel tube handle and plastic grip
- T Very robust and durable



Code	No.	/ Z	/ [	l
8640800	20 ST-1000	1000	1175	6
8640990	20 ST-1250	1250	1425	6

21

SOFT FACE CAP for club hammers



Code	No.	for club hammer g	/	l
8641960	21-1000	1000	315	1
8642180	21-1250	1250	305	1
8642260	21-1500	1500	290	1
8642340	21-2000	2000	275	1

646 H

DOUBLE FACED CLUB HAMMER ROTBAND-PLUS Dutch pattern

- T Forged hammer head made from special steel
- T Contoured hickory handle DIN 5135
- T Additionally with long hardened handle protective steel sleeve
- T Spare handles see club hammer No. 620 H
- T Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	/ Z	/ [	l
8683020	646 H-1000	1000	1190	6
8682720	646 H-1250	1250	1410	6
8682800	646 H-1500	1500	1725	6
8682990	646 H-2000	2000	2240	6

46 E

DOUBLE FACED CLUB HAMMER Dutch pattern

- T Forged hammer head, carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T With ash handle
- T Spare handles see club hammer No. 20 E



Code	No.	/ Z	/ [	l
8667090	46 E-1000	1000	1190	6
8667170	46 E-1250	1250	1410	6
8667250	46 E-1500	1500	1725	6
8667330	46 E-2000	2000	2240	6

Detailed information on products, promotions and trade fairs

... www.gedore.com





SLEDGE HAMMERS

609 H

SLEDGE HAMMER ROTBAND-PLUS

- T Forged hammer head DIN 1042
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T Hickory handle DIN 5112 with additional long and hardened steel sleeve
- T Patented handle joint, high working safety, long service life, best price-performance ratio
- T Execution -90 = 90 cm handle



Code	No.	/ Z	/ [	l
8673220	609 H-3	3000	3460	1
8673300	609 H-3-90	3000	4200	1
8673490	609 H-4	4000	4820	1
8673570	609 H-4-90	4000	5200	1
8673650	609 H-5	5000	6125	1
8673730	609 H-5-90	5000	6200	1
8673810	609 H-6	6000	7125	1
8674030	609 H-6-90	6000	7200	1
8674110	609 H-8	8000	9300	1
8674380	609 H-10	10000	11300	1



E 609 H

SPARE HANDLE ROTBAND-PLUS

- T Hickory handle DIN 5112 with long steel sleeve
- T For all hammer heads acc. to DIN 1042
- T Execution -90 = 90 cm handle



Code	No.	y	/	l
8681750	E 609 H-3	600	460	1
8740510	E 609 H-3-90	900	980	1
8681910	E 609 H-4	700	620	1
8740780	E 609 H-4-90	900	1020	1
8683530	E 609 H-5	800	925	1
8740860	E 609 H-5-90	900	1080	1
8740350	E 609 H-6	800	970	1
8747950	E 609 H-6-90	900	1090	1
8683610	E 609 H-8	900	1100	1
8740430	E 609 H-10	900	1180	1

9 E + 9 H

SLEDGE HAMMER

- T Forged hammer head DIN 1042
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T With ash (9 E) or hickory handle (9 H) DIN 5112
- T Execution -90 = 90 cm handle



Code	No.	/ Z	/ [	l
8612000	9 E-3	3000	3460	1
8809220	9 E-3-90	3000	3850	1
8612190	9 E-4	4000	4620	1
8809490	9 E-4-90	4000	4850	1
8612270	9 E-5	5000	5850	1
8809650	9 E-5-90	5000	5925	1
8612350	9 E-6	6000	6850	1
8809810	9 E-6-90	6000	6925	1
8612430	9 E-8	8000	9100	1
8612510	9 E-10	10000	11100	1
8615370	9 H-3	3000	3460	1
8812360	9 H-3-90	3000	3850	1
8615450	9 H-4	4000	4620	1
8812440	9 H-4-90	4000	4850	1
8615530	9 H-5	5000	5925	1
8812520	9 H-5-90	5000	5850	1
8615610	9 H-6	6000	6925	1
8812600	9 H-6-90	6000	6850	1
8615880	9 H-8	8000	9100	1
8615960	9 H-10	10000	11100	1

E 9 E + E 9 H

SPARE HANDLE

- T Ash (E 9 E) or hickory (E 9 H)
- T Acc. to DIN 5112
- T Execution -90 = 90 cm handle

Code	No.	for hammer	y	/	l
8613080	E 9 E-3	9-3, 10-3, 17-3, 20-3	600	460	1
8784210	E 9 E-3-90	9-3, 9-4	900	500	1
8613160	E 9 E-4	9-4, 10-4, 17-4, 20-4	700	620	1
8613240	E 9 E-5	9-5, 9-6, 10-5, 10-6, 17-5, 17-6, 20-5, 20-6	800	925	1
8784480	E 9 E-5-90	9-5, 9-6	900	680	1
8613400	E 9 E-8	9-8, 9-10, 17-8, 17-10, 20-8, 20-10	900	1100	1
8616500	E 9 H-3	9-3, 10-3, 17-3, 20-3	600	460	1
8786180	E 9 H-3-90	9-3, 9-4	900	650	1
8616690	E 9 H-4	9-4, 10-4, 17-4, 20-4	700	620	1
8616770	E 9 H-5	9-5, 9-6, 10-5, 10-6, 17-5, 17-6, 20-5, 20-6	800	925	1
8786260	E 9 H-5-90	9-5, 9-6	900	785	1
8616930	E 9 H-8	9-8, 9-10, 17-8, 17-10, 20-8, 20-10	900	1100	1

9 F

SLEDGE HAMMER

- T Forged hammer head DIN 1042
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T Nearly unbreakable fibreglass handle with plastic grip and secured head
- T Execution -90 = 90 cm handle



Code	No.	y	/ Z	/ [	l
8614130	9 F-3	600	3000	3790	1
8820380	9 F-3-90	900	3000	3955	1
8614210	9 F-4	700	4000	5050	1
8820890	9 F-4-90	900	4000	5050	1
8614480	9 F-5	800	5000	6100	1
8820970	9 F-5-90	900	5000	6420	1
8614560	9 F-6	800	6000	7100	1
8821000	9 F-6-90	900	6000	7230	1
8614640	9 F-8	900	8000	9150	1
8614720	9 F-10	900	10000	11200	1

10 E + 10 H

SLEDGE HAMMER

- T Forged hammer head DIN 1042
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T With ash (10 E) or hickory handle (10 H) DIN 5112



Code	No.	Spare handle	/ Z	/ [	l
8620530	10 E-3	E 9 E-3	3000	3460	1
8620610	10 E-4	E 9 E-4	4000	4620	1
8620880	10 E-5	E 9 E-5	5000	5925	1
8620960	10 E-6	E 9 E-5	6000	6925	1
8621500	10 H-3	E 9 H-3	3000	3460	1
8621690	10 H-4	E 9 H-4	4000	4620	1
8621770	10 H-5	E 9 H-5	5000	5925	1
8621850	10 H-6	E 9 H-5	6000	6925	1

17 E

STONE SLEDGE HAMMER

- T Hammer head forged with sharp cutting edge
- T Carefully hardened and tempered
- T Striking face and pein polished, accurate chamfer
- T With ash handle (17 E) DIN 5112



Code	No.	Spare handle	/ Z	/ [	l
8627540	17 E-3	E 9 E-3	3000	3455	1
8627620	17 E-4	E 9 E-4	4000	4620	1
8627700	17 E-5	E 9 E-5	5000	5875	1
8627890	17 E-6	E 9 E-5	6000	6875	1
8627970	17 E-8	E 9 E-8	8000	8870	1
8628000	17 E-10	E 9 E-8	10000	10870	1



BRICKLAYER'S HAMMERS

29 E

BRICKLAYER'S HAMMER Rhineland pattern
T Head only (29), or with ash handle (29 E)



Code	No.	/ Z	/ [	l
8656210	29-500	500	500	6
8656480	29-600	600	600	6
8656990	29 E-500	500	615	6
8657020	29 E-600	600	715	6
8657100	E 29 E-500	100	10	

29 ST

BRICKLAYER'S HAMMER Rhineland pattern
T With steel tube handle and plastic grip
T Very robust and durable



Code	No.	/ Z	/ [	l
8657370	29 ST	500	790	6

30 E

BRICKLAYER'S HAMMER Dutch pattern
T With ash handle



Code	No.	/ Z	/ [	l
8657530	30 E-500	500	640	6
8657610	30 E-700	700	870	6
8657880	E 30 E-500	125	10	
8657960	E 30 E-700	170	10	

94 E

BRICKLAYER'S HAMMER Berlin pattern
T With ash handle



Code	No.	/ Z	/ [	l
8696940	94 E-600	600	720	6
8697080	E 94 E-600	130	10	

94 ST

BRICKLAYER'S HAMMER Berlin pattern
T With steel tube handle and plastic grip
T Very robust and durable



Code	No.	/ Z	/ [	l
8697240	94 ST	600	890	6

93 ST

BUILDER'S HATCHET
T With steel tube handle and plastic grip
T Very robust and durable



Code	No.	/ Z	/ [	l
8696510	93 ST	600	890	6



CARPENTER'S HAMMERS

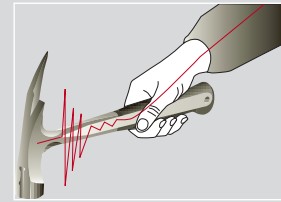
75 GSTM

CARPENTER'S HAMMER
T Head and handle forged in one piece, nearly unbreakable
T Ergonomic, air-cushioned 2-component handle
T Optimum impact force - a result of its perfect balance
T Fatigue-free working due to the new anti-vibration system
T With magnetic nail holder

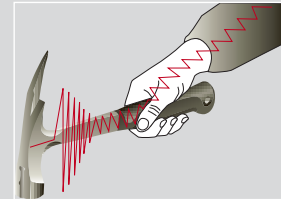


Code	No.	y	/	l
1576143	75 GSTM	340	765	6

T The anti-vibration system of the 75 GSTM and 71 GSTM allows safe, powerful hammer blows



T With conventional all-steel hammers, jarring vibrations are transmitted through to the user's arm on every impact



575 F + 575 FM

CARPENTER'S HAMMER
T Nearly unbreakable fibreglass handle with plastic grip and secured head
T With hardened handle protective steel sleeve
T 575 F without magnet
T 575 FM with magnet



Code	No.	/ Z	/ [	l
8863350	575 F	600	810	6
8863430	575 FM	600	810	6



75 ST + 75 STM

CARPENTER'S HAMMER

- T With steel tube handle and plastic grip
- T Acc. to DIN 7239
- T 75 ST without magnet
- T 75 STM with magnet
- T Very robust and durable



Code	No.	/ Z	/ [	l
8688920	75 ST	600	810	6
8689220	75 STM	600	810	6

75 STK + 75 STKM

CARPENTER'S HAMMER

- T With steel tube handle, plastic grip and secured head
- T Acc. to DIN 7239
- T 75 STK without magnet
- T 75 STKM with magnet
- T Very robust and durable



Code	No.	/ Z	/ [	l
8692440	75 STK	600	810	6
8813090	75 STKM	600	810	6

CLAW HAMMERS

71 GSTM

CLAW HAMMER, AMERICAN PATTERN

- T Head and handle forged in one piece, nearly unbreakable
- T Ergonomic, air-cushioned 2-component handle
- T Optimum impact force - a result of its perfect balance
- T Fatigue-free working due to the new anti-vibration system
- T With magnetic nail holder



Code	No.	oz Z	/ [	l
1629670	71 GSTM	27	20	730

Detailed information on products, promotions and trade fairs

... www.gedore.com



HAMMERS MISCELLANEOUS

79

BRICK BOLSTER

- T Special alloy steel



Code	No.	W	/	l
8692010	79-60	60	405	1
8692280	79-80	80	620	1
8692360	79-100	100	730	1



35 H

PAVING HAMMER Berlin pattern

- T With hickory handle

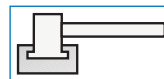
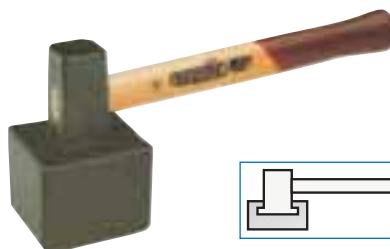


Code	No.	/ Z	/ [	l
1488295	35 H-1000	1000	1100	6
1488309	35 H-1500	1500	1600	6
1488317	35 H-2000	2000	2200	6
1476718	E 35 H-1000		190	10
1476726	E 35 H-1500		190	10
1476734	E 35 H-2000		190	10

18 E

PAVING HAMMER SQUARE

- T With welded plate
- T Large vulcanised rubber block
- T Ash handle



Code	No.	y	/	l
8883700	18 E	360	2600	1
8883890	E 18 E	360	345	1

19 E

PAVING HAMMER ROUND

- T With welded plate
- T Large vulcanised rubber block
- T Ash handle



Code	No.	y	/	l
1628216	19 E	360	2600	1
8883890	E 18 E	360	345	1

43 E

VENEER HAMMER

- T With ash handle (E 4 E-500) DIN 5111



Code	No.	W	/ Z	/ [	l
8665630	43 E-500	90	500	590	6
8588380	E 4 E-500			125	10

212 E

CARBIDE TILE HAMMER pointed or flat

- T Striking face not hardened
- T With ash handle and handle protective sleeve



Code	No.	/ Z	/ [	l
8882730	212 E-50 FL	50	70	6
8749490	212 E-75 FL	75	105	6
8882810	212 E-50 SP	50	70	6
8749570	212 E-75 SP	75	105	6

213 H - 214 H

TILE HAMMER pointed or flat

- T Head made from chrome-vanadium steel
- T Face hardened and tempered
- T With hickory handle, handle protective sleeve and safety screw for a durable safe connection of handle and hammer head
- T With point (213) or edge (214)



Code	No.	y	/ Z	/ [	l
8916300	213 H-50	290	50	75	6
8926960	213 H-75	290	75	105	6
8916490	214 H-50	290	50	75	6
8927180	214 H-75	290	75	105	6

**72 H****GLAZIERS HAMMER polished**

T With hickory handle, steel sleeve and safety screw for a durable safe connection of handle and hammer head



Code	No.	/ Z	/ [	l
1541935	72 H-100	100	190	6
1541730	E 72 H-100	40	10	

570 H**MAGNETIC HAMMER ROTBAND**

T Hickory handle with hardened handle protective steel sleeve
T With magnet



Code	No.	/ Z	/ [	l
8856490	570 H	100	150	6
2015684	E 570 H-100	48	10	

76 ST**GEOLOGIST'S HAMMER**

T With very robust and durable steel tube handle with plastic grip
T SCH with cutting edge
T SP with pointed tip



Code	No.	/ Z	/ [	l
8855330	76 ST SCH	500	810	6
8855410	76 ST SP	500	810	6

**SCALING HAMMERS****677 H****SCALING HAMMER ROTBAND-PLUS**

T Forged hammer head from special steel
T Contoured hickory handle
T With additional long, hardened steel sleeve
T Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	/ Z	/ [	l
8671950	677 H	300	420	6
1822357	E 677 H-300	150	10	

77 E**SCALING HAMMER**

T With ash handle (E 4 E) DIN 5111



Code	No.	/ Z	/ [	l
8690900	77 E-300	330	440	6
8588030	E 4 E-300	110	10	

77 ST**SCALING HAMMER**

T With steel tube handle



Code	No.	/ Z	/ [	l
8691200	77 ST-300	300	420	6
8691390	77 ST-400	400	520	6

41 E**SCALING HAMMER**

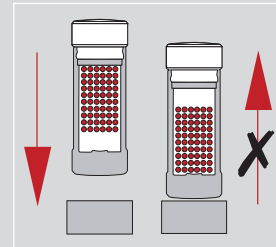
T With ash handle (E 4 E) DIN 5111



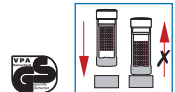
Code	No.	/ Z	/ [	l
8665390	41 E-500	500	610	6
8588380	E 4 E-500	125	10	

RECOILLESS HAMMERS

- T Due to the special filling insert in the hammer head a considerable higher striking effect is reached compared to standard engineers' and recoilless hammers
- T Universal use for service and assembly work, with all advantages of a recoilless hammer with higher striking effect
- T "Dead blows" with no recoil reduces stress on muscles, nerves and wrists
- T Reduction in expenses due to universal use as an engineer's and recoilless hammer
- T Recoilless hammers improve effect of impact and so protect sensitive surfaces
- T Each blow is up to 100% more effective than standard safety hammers
- T Available with hickory, tubular steel or fibreglass handles
- T Exchangeable inserts, resistant to breakage or wear, made of modified polyamide

**248 H****RECOILLESS HAMMER**

T With hickory handle
T Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C
T Powder-coated with silver hammer-effect enamel



Code	No.	y	/	l	
8728220	248 H-25	305	25	300	6
8868230	248 H-30	330	30	585	6
8868310	248 H-35	335	35	670	6
8868580	248 H-40	360	40	820	6
8868660	248 H-45	365	45	1030	6
8868740	248 H-50	370	50	1180	1
8868820	248 H-60	370	60	1800	1
8728300	248 H-70	370	70	2300	1
8728490	248 H-80	880	80	4000	1
8728570	248 H-100	1000	100	7000	1



E 248 H

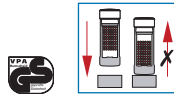
SPARE HANDLE HICKORY

Code	No.	y	/	l
8739690	E 248 H-25	280	6	10
8739770	E 248 H-30-35	300	10	10
8739850	E 248 H-40-45	320	14	10
8739930	E 248 H-50	320	14	10
8740000	E 248 H-60-70	310	18	10
8740190	E 248 H-80	800	81	10
8740270	E 248 H-100	900	88	10

248 F

RECOILLESS HAMMER

- T Nearly unbreakable fibreglass handle with handy plastic grip and secured head
- T Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C
- T Powder-coated with silver hammer-effect enamel

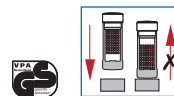


Code	No.	y	/	l
8724310	248 F-25	290	25	300 6
8867690	248 F-30	305	30	585 6
8867770	248 F-35	310	35	670 6
8867850	248 F-40	315	40	820 6
8867930	248 F-45	320	45	1030 6
8868070	248 F-50	325	50	1180 1
8868150	248 F-60	335	60	1800 1

248 ST

RECOILLESS HAMMER

- T With very robust and durable steel tube handle
- T Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C
- T Powder-coated with silver hammer-effect enamel



Code	No.	y	/	l
8724070	248 ST-25	270	25	370 6
8828950	248 ST-30	290	30	585 6
8829090	248 ST-35	295	35	670 6
8829170	248 ST-40	300	40	820 6
8829410	248 ST-45	305	45	1030 6
8829250	248 ST-50	310	50	1180 1
8829330	248 ST-60	335	60	1800 1
8724150	248 ST-70	335	70	2400 1

248 KL

RECOILLESS IMPACT TOOL

- T Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C
- T Powder-coated with silver hammer-effect enamel



Code	No.	y	/	l
8746980	248 KL-20	150	20	220 1
8747010	248 KL-25	154	25	330 1
8747280	248 KL-30	155	30	460 1
8747360	248 KL-35	155	35	650 1
8747440	248 KL-40	160	40	820 1
8747520	248 KL-45	160	45	1000 1
8747600	248 KL-50	165	50	1250 1

E 248

SPARE HEAD (PIECE)

- T Splinter-proof, shatter-proof and wear-resistant polyamide, 75 Shore D, tested to -20° C

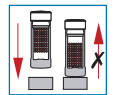
Code	No.	y	/	l
8747790	E 248-20	20	10	1
8747870	E 248-25	25	10	1
8830260	E 248-30	30	18	1
8830340	E 248-35	35	25	1
8830420	E 248-40	40	35	1
8829920	E 248-45	45	45	1
8830500	E 248-50	50	58	1
8830690	E 248-60	60	140	1
8748410	E 248-70	70	131	1
8748680	E 248-80	80	207	1
8748760	E 248-100	100	363	1



247 H

COMBINATION HAMMER KOMBI-PLUS R

- T Reduction in expenses due to universal use as an engineers' and recoilless hammer
- T With hickory handle (E 247 H)
- T With exchangeable insert in breakage and wear-resistant polyamide (E 247), 75 Shore D, tested to -20° C
- T DBGm (German utility patent)



Code	No.	y	/	l
1603299	247 H-30	305	30	520 6
1885979	247 H-30-200	200	30	480 6
1603396	247 H-35	310	35	670 6
1687883	247 H-40	330	40	820 6
1605313	E 247 H-30	270	10	1
1630709	E 247 H-35	270	14	1
1688014	E 247 H-40	290	135	1
1605305	E 247-30	30	19	1
1605380	E 247-35	35	27	1
1688022	E 247-40	40	40	1

VS 247 H

DISPLAY RACK FOR HAMMER KOMBI-PLUS R 11 pieces



Code	No.	O	l
1648985	VS 247 H 6x 247 H-30 5x 247 H-35	9.7	1

KOMBI-PLUS R

With exchangeable insert in breakage and wear-resistant polyamide

④

② Steel sleeve for protection from damage when the hammer misses its target

Ergonomically designed handle made from high-quality hickory, extremely bend resistant and fail safe

①

Handle is additionally secured by split pin

③





SAFETY HAMMER SOFT-PLUS

SOFT-PLUS heads

T Blue (B) = soft 20 Shore D
 - Material: Elastomer
 - For sensitive work pieces, light metal production, furniture industry, assembly works, etc.



T Black (S) = medium soft 45 Shore D
 - Material: Caoutchouc
 - For sturdy applications, pavement craft, etc.



T Yellow (G) = medium hard 63 Shore D
 - Material: Polyurethane
 - For universal applications, tooling and machine industry, automotive workshops, sheet metal work, etc.



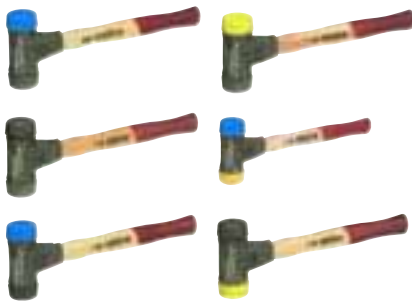
T Anthracite (A) = hard 70 Shore D
 - Material: Polyurethane
 - For high striking power, road building, etc.



250

SAFETY HAMMER SOFT-PLUS

- T Safety hammer with malleable cast iron shells
- T With hickory handle and interchangeable heads
- T Slots in the head and grooves in the shells provide an absolute safe connection
- T The screw is guided through the handle and connected with a self-locking nut. This provides highest safety

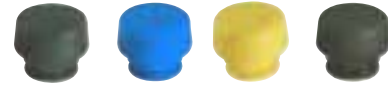


Code	No.	y	/	l
1446010	250 AB-30	30	330	6
1446029	250 AB-40	40	650	6
1446037	250 AB-50	50	1150	6
1445936	250 AG-30	30	330	6
1445960	250 AG-40	40	650	6
1445979	250 AG-50	50	1150	6
1446088	250 AS-30	30	330	6
1446118	250 AS-40	40	650	6
1446134	250 AS-50	50	1150	6
1445898	250 BG-30	30	330	6
1445901	250 BG-40	40	650	6
1445928	250 BG-50	50	1150	6
1446045	250 BS-30	30	330	6
1446053	250 BS-40	40	650	6
1446061	250 BS-50	50	1150	6
1445987	250 GS-30	30	330	6
1445995	250 GS-40	40	650	6
1446002	250 GS-50	50	1150	6

E 250

SPARE HEAD SOFT-PLUS

- T Splinter-proof, shatter-proof, wear-resistant
- T Colour fast
- T Cadmium free



Code	No.	y	/	l
1445200	E 250 A-30	30	20	1
1445219	E 250 A-40	40	45	1
1445227	E 250 A-50	50	85	1
1445111	E 250 B-30	30	20	1
1445154	E 250 B-40	40	45	1
1445162	E 250 B-50	50	85	1
1445170	E 250 G-30	30	20	1
1445189	E 250 G-40	40	45	1
1445197	E 250 G-50	50	85	1
1445235	E 250 S-30	30	20	1
1445243	E 250 S-40	40	45	1
1445251	E 250 S-50	50	85	1

E 250 H

SPARE HANDLE SOFT-PLUS

- T For safety hammer no. 250
- T Made from hickory



Code	No.	y	/	l
1445715	E 250 H-30	275	110	10
1445723	E 250 H-40	300	120	10
1445758	E 250 H-50	330	125	10

E 250 T

MALLEABLE CAST IRON SHELLS SOFT-PLUS

- T For safety hammer no. 250, 1 pair
- T Made from high-quality malleable cast iron
- T Safety connection included
- T Extremely resistant



Code	No.	y	/	l
1445073	E 250 T-30	30	180	1
1445081	E 250 T-40	40	380	1
1445103	E 250 T-50	50	640	1



SAFETY HAMMERS

224 E

PLASTIC HAMMER

- T With exchangeable heads made from yellow shatter-proof cellulose acetate
- T With ash handle (E 224 E)
- T 65 Shore



Code	No.	y	/	l
8821270	224 E-22	22	160	6
8821350	224 E-27	27	260	6
8821430	224 E-32	32	360	6
8821510	224 E-35	35	450	6
8821780	224 E-40	40	620	6
8821860	224 E-50	50	930	6
8821940	224 E-60	60	1320	6

Code	Spare head No.	y	/	l	E
8822590	E 224-22	22	33	1	
8822670	E 224-27	27	40	1	
8822750	E 224-32	32	80	1	
8822830	E 224-35	35	100	1	
8822910	E 224-40	40	130	1	
8823050	E 224-50	50	180	1	
8823130	E 224-60	60	300	1	

225 E

NYLON HAMMER

- T With exchangeable heads made from impact-resistant nylon
- T With ash handle (E 224 E)
- T 60 Shore



Code	No.	y	/	l
8805310	225 E-22	22	160	6
8805580	225 E-27	27	260	6
8805660	225 E-32	32	360	6
8805740	225 E-35	35	450	6
8805820	225 E-40	40	620	6
8805900	225 E-50	50	930	6
8806040	225 E-60	60	1320	6

Code	Spare head No.	y	/	l	E
8814220	E 225-22	22	30	1	
8814300	E 225-27	27	40	1	
8814490	E 225-32	32	80	1	
8814570	E 225-35	35	100	1	
8814650	E 225-40	40	130	1	
8814730	E 225-50	50	180	1	
8814810	E 225-60	60	300	1	





E 224 E
SPARE HANDLE for no. 224+225

Code	No.	y	/	l
8823210	E 224 E-22	250	55	10
8823480	E 224 E-27	270	60	10
8823560	E 224 E-32	280	110	10
8823640	E 224 E-35	290	120	10
8823720	E 224 E-40	320	125	10
8824290	E 224 E-50	340	130	10
8824370	E 224 E-60	380	170	10

226 E
RUBBER MALLET hard
T DIN 5128-90, 90 Shore
T With two flat surfaces
T **2 A** with one curved and one flat surface
T With ash handle (E 226 E)



Code	No.	V	/	l
8825500	226 E-0	80	40	180 6
8825690	226 E-1	90	55	310 6
8825770	226 E-2	115	65	540 6
8825850	226 E-2 A	115	65	540 6
8825930	226 E-3	130	75	800 6
8826070	226 E-4	140	90	1250 6

227 E
RUBBER MALLET soft
T DIN 5128-60, 60 Shore
T With two flat surfaces
T **2 A** with one curved and one flat surface
T With ash handle (E 226 E)

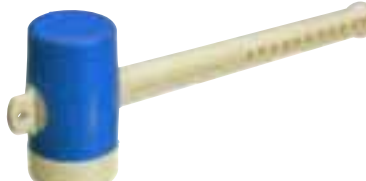


Code	No.	V	/	l
8826660	227 E-0	80	40	180 6
8826740	227 E-1	90	55	310 6
8826820	227 E-2	115	65	540 6
8826900	227 E-2 A	115	65	540 6
8827040	227 E-3	130	75	800 6
8827120	227 E-4	140	90	1250 6

E 226 E
SPARE HANDLE ASH for no. 226+227

Code	No.	y	/	l
8826230	E 226 E-0	260	60	10
8826310	E 226 E-1	320	80	10
8826580	E 226 E-2	340	110	10
8827200	E 226 E-3	380	125	10
8827390	E 226 E-4	380	170	10


216 K
PLASTIC HAMMER
T Colour leaves no stains, smears or other marks on the working materials or components
T White side PVC = soft, approx. 70 Shore
T Blue side PP = hard, approx. 95 Shore
T With plastic handle



Code	No.	V	/	l
1468286	216 K-1	85	55	245 6
1468294	216 K-2	110	60	365 6


WOODEN / COPPER / LEAD HAMMERS

228
WOODEN MALLET
T With round red-beech-wood handle
T Acc. to DIN 7462 A



Code	No.	y	/	l
8828010	228-60	300	60	324 6
8828280	228-70	340	70	514 6

229
WOODEN MALLET
T Head made from white beech wood with pressed steel holder
T With oval ash handle
T Acc. to DIN 7462 B




Code	No.	y	/	l
8601230	229-60	310	60	324 6
8601310	229-70	320	70	514 6
8605060	229-80	350	80	514 6

21 F
LIGHT METAL HAMMER
T Cylindrical pattern
T Nearly unbreakable fibreglass handle with plastic grip




Code	No.	y	/	Z	/	l	G
2015110	21 F-250	300	40	250	450	1	G
2015129	21 F-500	320	45	500	700	1	G
2015137	21 F-1000	360	60	1000	1300	1	G
2015145	21 F-1500	400	70	1500	1800	1	G

622 H
COPPER HAMMER ROTBAND-PLUS
T Club shape
T Forged hammer head
T With hickory handle DIN 5111 (E 600 H), with additional long hardened handle protective steel sleeve
T Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	y	/	Z	/	l
8672410	622 H-750	350	750	980	6	
8672680	622 H-1000	360	1000	1235	6	
8672760	622 H-1500	380	1500	1780	6	
8672840	622 H-2000	400	2000	2300	6	
8596640	E 600 H-800	350		170	10	
8597880	E 600 H-1000	360		235	10	
8597960	E 600 H-1500	380		255	10	
8599070	E 600 H-2000	400		345	10	

22 H
COPPER HAMMER
T Club shape
T Forged hammer head with accurate chamfer
T With hickory handle (E 4 H) DIN 5111



Code	No.	y	/	Z	/	l
1583999	22 H-250	280	250	325	6	
1584006	22 H-500	310	500	625	6	
8867260	22 H-750	350	750	980	6	
8867340	22 H-1000	360	1000	1235	6	
8867420	22 H-1500	380	1500	1780	6	
8867500	22 H-2000	400	2000	2300	6	
8591410	E 4 H-200	280		55	10	
8591760	E 4 H-400	310		120	10	
8592060	E 4 H-800	350		170	10	
8592140	E 4 H-1000	360		235	10	
8592220	E 4 H-1500	380		255	10	
8592300	E 4 H-2000	400		345	10	





23 E


COPPER HAMMER
T Club shape
T With ash handle (E 4 E) DIN 5111




Code	No.	X	Z	[	l
1599275	23 E-250	300	250	325	6
1599585	23 E-500	320	500	625	6
1599593	23 E-750	350	750	980	6
1599607	23 E-1000	360	1000	1235	6
1599623	23 E-1500	380	1500	1780	6
1599631	23 E-2000	400	2000	2300	6
8588030	E 4 E-300	300		110	10
8588380	E 4 E-500	320		125	10
8588540	E 4 E-800	350		170	10
8588620	E 4 E-1000	360		235	10
8588700	E 4 E-1500	380		255	10
8588890	E 4 E-2000	400		345	10

48 E

SQUARE FLATTER
T With ash handle



Code	No.	X	Z	[	l
8669620	48 E-70	70	1600	2240	1
8663930	E 37 E 1500			270	1

54 E

TOP SWAGE
T With ash handle



Code	No.	X	Z	[	l
8676830	54 E-10	10	1000	1290	1
8676910	54 E-15	15	1225	1480	1
8677050	54 E-20	20	1695	2050	1
8677130	54 E-25	25	1850	1880	1
8663930	E 37 E 1500			270	1

223 H


LEAD HAMMER
T With hickory handle (E 4 H) DIN 5111



Code	No.	X	Z	[	l
8820460	223 H-1000	310	1000	1230	6
8820540	223 H-1500	350	1500	1730	6
8591760	E 4 H-400	310		120	10
8592060	E 4 H-800	350		170	10

49 E


SET HAMMER
T With ash handle



Code	No.	X	Z	[	l
8670120	49 E-50	50	1900	2400	1
8663930	E 37 E 1500			270	1

55


BOTTOM SWAGE
T Pin 25 mm



Code	No.	X	Z	l
8677720	55-10	10	1000	1
8677800	55-15	15	1225	1
8677990	55-20	20	1695	1
8678020	55-25	25	2100	1

50


BOTTOM ANVIL TOOL
T Pin 25 mm



Code	No.	X	Z	l
8670550	50-50	50	1060	1

56 E

PUNCH HAMMER
T With ash handle
T Can be supplied with rebound-dampened tubular steel handle




Code	No.	X	Z	[	l
8679500	56 E-10	10	850	1010	1
8679690	56 E-15	15	1000	1480	1
8679770	56 E-20	20	1470	1770	1
8663930	E 37 E 1500			270	1

FORGING TOOLS

37 E

COLD CHISEL HAMMER
T With ash handle



Code	No.	Z	[	l
8663850	37 E-1500	1500	1810	1
8663930	E 37 E 1500		270	1

51 E


TOP FULLER
T With ash handle



Code	No.	X	Z	[	l
8671520	51 E-15	15	900	1310	1
8671600	51 E-20	20	950	1330	1
8663930	E 37 E 1500			270	1

38 E


HOT CHISEL HAMMER
T With ash handle



Code	No.	Z	[	l
8664310	38 E-1500	1500	1760	1
8663930	E 37 E 1500		270	1

53

BOTTOM FULLER
T Pin 25 mm



Code	No.	X	Z	l
8672090	53-15	15	1140	1
8672170	53-20	20	1132	1





58

HARDY
T Pin 25 mm



Code	No.	/	l
8680350	58-100	1000	1

59

ANVIL HORN
T Pin 25 mm



Code	No.	/	l
8680780	59-100	1000	1

60 E - 61 E

SCYTHE HAMMER
T 60 E = double edge with ash handle
T 61 E = single edge with ash handle



Code	No.	/	Z	/	l
8681160	60 E-500	500	590		6
8681400	61 E-500	500	590		6
8681590	E 60 E-500		120		10

62 - 63

SCYTHE ANVIL



Code	No.	/	l
8681830	62-500 tipped	500	1
8682050	63-500 edged	500	1

BLACKSMITH'S TONGS

230

BLACKSMITH'S TONGS
T Flat nosed

R



Code	No.	y	/	l
8842510	230-300	300	540	1
8842780	230-400	400	705	1
8842860	230-500	500	1185	1
8842940	230-600	600	1490	1

231

BLACKSMITH'S TONGS
T Round nosed

d



Code	No.	y	/	l
8843400	231-300	300	540	1
8843590	231-400	400	705	1
8843670	231-500	500	1185	1
8843750	231-600	600	1490	1

232

BLACKSMITH'S TONGS
T Half-round nosed

L



Code	No.	y	/	l
8844210	232-300	300	540	1
8844480	232-400	400	705	1
8844560	232-500	500	1185	1
8844640	232-600	600	1490	1

233

BLACKSMITH'S TONGS
T Half-round nosed

C



Code	No.	y	/	l
8845100	233-300	300	540	1
8845290	233-400	400	845	1
8845370	233-500	500	1320	1
8845450	233-600	600	1840	1

234

RIVETTING TONGS

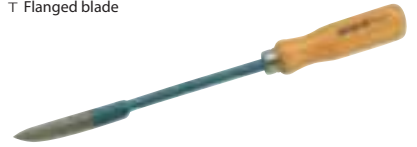


Code	No.	y	/	l
8846180	234-400	400	580	1
8846260	234-500	500	890	1

SCRAPERS

130

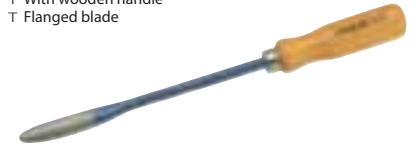
THREE-EDGED BEARING SCRAPER
T Made from special steel
T Working ends polished
T With wooden handle
T Flanged blade



Code	No.	M	N	/	l
8777270	130-125	125	225	95	10
8777350	130-150	150	270	120	10
8777430	130-200	200	315	150	10
8777510	130-250	250	365	200	10

131

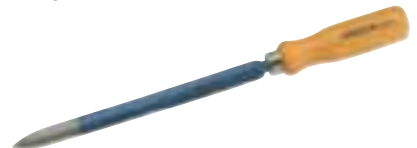
CURVED BEARING SCRAPER (LONG SCRAPER)
American pattern
T Made from special steel
T Working ends polished
T With wooden handle
T Flanged blade



Code	No.	M	N	/	l
8778160	131-125	125	225	95	10
8778240	131-150	150	270	120	10
8778320	131-200	200	315	150	10
8778400	131-250	250	365	200	10

132

THREE-EDGED HOLLOW GROUND SCRAPER
T Acc. to DIN 8350 Form C
T Made from special steel
T Working ends polished
T With wooden handle
T Flanged blade



Code	No.	M	N	/	l
8778910	132-100	100	200	70	10
8779050	132-125	125	225	80	10
8779130	132-150	150	270	100	10
8779210	132-175	175	295	120	10
8779480	132-200	200	315	155	10
8779560	132-250	250	365	210	10
8779640	132-300	300	415	290	10

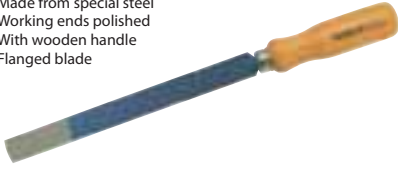




133 F

FLAT SCRAPER

- T Acc. to DIN 8350 Form A
- T Made from special steel
- T Working ends polished
- T With wooden handle
- T Flanged blade



Code	No.	M	N	/	I
8780220	133 F-100	100	200	115	10
8780300	133 F-125	125	225	125	10
8780490	133 F-150	150	270	140	10
8780570	133 F-175	175	295	150	10
8780650	133 F-200	200	315	220	10
8780730	133 F-250	250	365	310	10
8780810	133 F-300	300	415	290	10

133 H

HARD METAL TIP FLAT SCRAPER

- T Soldered hard metal tip
- T Wooden handle



Code	No.	K	M	N	/	I
4523000	133 H	30	250	365	350	3

133 D

GASKET SCRAPER

- T Made from special steel
- T With wooden handle
- T Flanged blade



Code	No.	M	N	/	I
1395262	133 D-150	150	270	102	10

133 K

GASKET SCRAPER

- T With plastic handle



Code	No.	z	y	K	/	I
6535190	133 K	10	240	22.5	200	5

134

THREE-EDGED FLAT GROUND SCRAPER

- T Acc. to DIN 8350 Form B
- T Made from special steel
- T Working ends polished
- T With wooden handle
- T Flanged blade



Code	No.	M	N	/	I
8781620	134-100	100	200	70	10
8781700	134-125	125	225	80	10
8781890	134-150	150	270	100	10
8781970	134-175	175	295	120	10
8782000	134-200	200	315	155	10
8782190	134-250	250	365	210	10
8782270	134-300	300	415	290	10

134 K

THREE-SQUARE SCRAPER

- T With ground edges
- T Shaft PVC coated
- T Black plastic handle



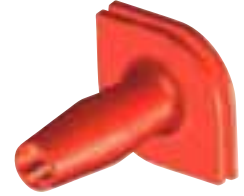
Code	No.	K	M	N	/	I
4646860	134 K	6	80	170	60	5

CHISELS

108 UNI

PROTECTIVE HAND GUARD

- T Made from PVC
- T Improved protective plate offers highest safety for the hand against impacts
- T Ergonomic design
- T Avoids injuries of the hand
- T No rolling away (elliptical-shaped)
- T Jarring blows do not move into the hand
- T No fatigue of the hand - optimum hold
- T All chisels from 250 mm length can be supplied with universal protective hand guard (HS)
- T DBGM (German utility patent)



Code	No.	oval	octagonal	/	I
8658500	108 UNI	20 x 12 23 x 13 26 x 13 26 x 7	14 16 18 20	182	1

STRIKING TOOLS

WHAT IS SO SPECIAL ABOUT GEDORE STRIKING TOOLS?



T The material (45 CrMoV7) used by GEDORE is a pure air-hardening steel which hardens at a temperature of about 850°C in still air. This material features very high stability and enormous strength. The tools cannot break even under the hardest working conditions. Pin punches, drift punches and centre punches are also hot forged in our factory and are thus provided with a very homogeneous structure.

T All tools are fully hardened over their whole length

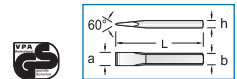
T The hammer heads of our tools are electro-inductively and hence extremely homogeneously tempered. In this way the maximum stability is achieved and splintering is avoided.



95

FLAT COLD CHISEL flat oval

- T Acc. to DIN 6453
- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished, free of burrs
- T * not standardised



Code	No.	*	L	a	b	h	/	I
8698560	95-100		100	15	14	9	75	10
8698640	95-125		125	15	14	9	125	10
8698720	95-150		150	18	17	11	225	10
8698800	95-175		175	21	20	12	270	10
8698990	95-200		200	24	23	13	400	10
8699610	95-225	*	225	24	23	13	440	10
8699020	95-253		250	25	23	13	480	10
8699100	95-250	*	250	28	26	13	560	10
8699290	95-303		300	26	23	13	560	10
8699370	95-300	*	300	30	26	13	700	10
8699450	95-400	*	400	30	26	13	905	10
8699530	95-500	*	500	30	26	13	1140	1

CHISELS

- T Wear safety glasses and safety gloves!
- T Before starting work, check that the chisel blade is sharp and the striking end is burr-free! The blades must be properly wet-sharpened!
- T Select the appropriate type and size of chisel for the work to be carried out!
- T Hold the chisel with a firm grip!
- T When working, keep your eyes on the chisel tip!
- T Wherever possible, use a chisel with hand guard.
- T Never use chisels on workpieces harder than 40 HRC!
- T Set safety guards in place to prevent splinters and chips posing a hazard for other people!

CENTRE PUNCHES, DRIFTS AND MORTISE CHISELS

- T These tools are subject to the same safety rules as chisels

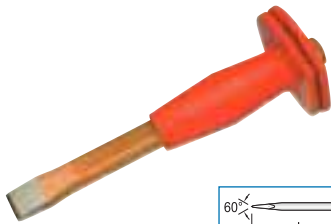




95 HS

FLAT COLD CHISEL flat oval

- T As no. 95 but with protective hand guard 108 UNI
- T Acc. to DIN 6453
- T * not standardised

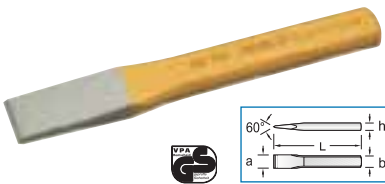


Code	No.	*	L	a	b	h	/	l
8699880	95 HS-253		250	25	23	13	640	1
8699960	95 HS-250	*	250	28	26	13	720	1
8700560	95 HS-303		300	25	23	13	720	1
8700640	95 HS-300	*	300	30	26	13	860	1
8700720	95 HS-400	*	400	30	26	13	1065	1
8700800	95 HS-500	*	500	30	26	13	1300	1

95 N

FLAT COLD CHISEL flat oval, extra slim pattern

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished, free of burrs

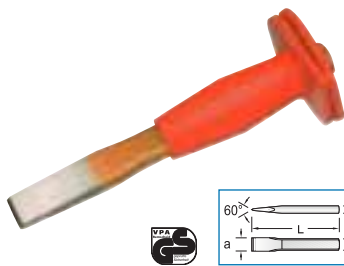


Code	No.	L	a	b	h	/	l
8700050	95 N-200	200	26	23	13	365	10
8700130	95 N-250	250	30	26	13	545	10
8700210	95 N-300	300	30	26	13	655	10
8700480	95 N-400	400	30	26	13	915	10

95 NHS

FLAT COLD CHISEL flat oval, extra slim pattern

- T As no. 95 N but with protective hand guard 108 UNI



Code	No.	L	a	b	h	/	l
8701530	95 NHS-250	250	30	26	13	705	1
8701610	95 NHS-300	300	30	26	13	815	1
8701880	95 NHS-400	400	30	26	13	1075	1

Detailed information on products, promotions and trade fairs

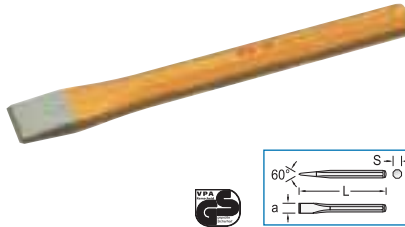
... www.gedore.com



97

FLAT COLD CHISEL octagonal

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished, free of burrs



Code	No.	L	a	s	/	l	G
8703820	97-125	125	12	10	90	10	
8703900	97-150	150	16	12	140	10	
8704040	97-175	175	20	16	240	10	
8704120	97-200	200	22	18	305	10	
2004666	97-250	250	24	20	405	10	G

104

SPLITTING CHISEL flat

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Forged
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished, free of burrs
- T 104 HS with protective hand guard 108 UNI

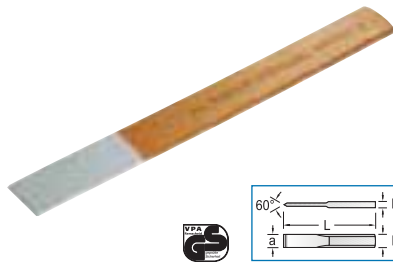


Code	No.	L	a	b	h	/	l
8723850	104	240	26	26	7	245	1
8723930	104 HS	240	26	26	7	405	1

2104

SPLITTING CHISEL extra flat

- T Chrome-vanadium steel
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered, copper colour varnished
- T Working edges polished and clear varnished, free of burrs

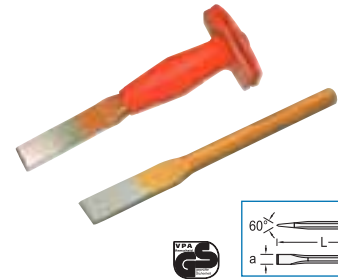


Code	No.	L	a	b	h	/	l
8911420	2104	240	26	26	4	185	10

105

SPLITTING CHISEL octagonal

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished, free of burrs
- T 105 HS with protective hand guard 108 UNI

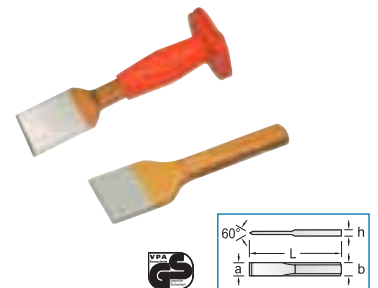


Code	No.	L	a	s	/	l
8724660	105-240	240	30	18	385	10
8856730	105-300	300	30	18	470	10
8724740	105 HS-240	240	30	18	545	1
8875280	105 HS-300	300	30	18	630	1

103

BRICK CUTTING CHISEL flat oval

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered, working edge silver colour
- T With broad blade to chisel joints into walls, plaster, tiles, etc.
- T 103 HS with protective hand guard 108 UNI



Code	No.	L	a	b	h	/	l
8723420	103-50	250	50	26	13	580	5
8723500	103-60	250	60	26	13	600	5
8723690	103-80	250	80	26	13	630	5
8746710	103 HS-50	250	50	26	13	740	1
8912310	103 HS-60	250	60	26	13	760	1
8721800	103 HS-80	250	80	26	13	790	1





109

BRICKLAYER'S CHISEL flat oval

T Acc. to DIN 7254 Form A
T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
T Carefully hardened and tempered along the full length
T Striking heads inductively tempered
T Working edge polished and clear varnished, free of burrs
T * not standardised

Code	No.	*	L	a	b	h	/	l
8728650	109-200		200	26	20	12		320 10
8728730	109-250		250	26	20	12		410 10
8728810	109-300		300	29	23	13		590 10
8729030	109-350		350	29	23	13		690 10
8729110	109-400		400	29	23	13		840 10
8729380	109-500		500	32	26	13		1210 1
8729460	109-600	*	600	32	26	13		1350 1
8729540	109-800	*	800	32	26	13		1950 1
8861140	109-1000	*	1000	32	26	13		2550 1

109 HS

BRICKLAYER'S CHISEL flat oval

T As no. 109 but with protective hand guard 108 UNI
T Acc. to DIN 7254 Form A
T * not standardised

Code	No.	*	L	a	b	h	/	l
8729620	109 HS-250		250	26	20	12		480 1
8729700	109 HS-300		300	29	23	13		570 1
8730550	109 HS-350		350	29	23	13		750 1
8730630	109 HS-400		400	29	23	13		1000 1
8730710	109 HS-500		500	32	26	13		1370 1
8730980	109 HS-600	*	600	32	26	13		1510 1
8732410	109 HS-800	*	800	32	26	13		2110 1
8911930	109 HS-1000	*	1000	32	26	13		2710 1

110

BRICKLAYER'S CHISEL octagonal

T Acc. to DIN 7254 Form B
T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
T Carefully hardened and tempered along the full length
T Striking heads inductively tempered
T Working edge polished and clear varnished, free of burrs
T * not standardised

Code	No.	*	L	a	s	/	l
8731280	110-216		200	23	16		295 10
8731440	110-256		250	23	16		380 10
8731600	110-316	*	300	23	16		460 10
8731790	110-318		300	26	18		635 10
8731870	110-358		350	26	18		700 10
8731950	110-418	*	400	26	18		810 10
8732090	110-420		400	30	20		970 10
8732170	110-520		500	30	20		1240 1
8732250	110-622	*	600	32	22		1510 1

110 HS

BRICKLAYER'S CHISEL octagonal

T As no. 110 but with protective hand guard 108 UNI
T Acc. to DIN 7254 Form B
T * not standardised

Code	No.	*	L	a	s	/	l
8732680	110 HS-256		250	23	16		540 1
8732840	110 HS-316	*	300	23	16		620 1
8733140	110 HS-318		300	26	18		635 1
8732920	110 HS-358		350	26	18		700 1
8733060	110 HS-418	*	400	26	18		810 1
8733220	110 HS-420		400	30	20		970 1
8733300	110 HS-520		500	30	20		1420 1

111

POINT CHISEL octagonal

T Acc. to DIN 7256
T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
T Carefully hardened and tempered along the full length
T Striking heads inductively tempered
T Working edge polished and clear varnished, free of burrs

Code	No.	L	s	/	l
8741080	111-216	200	16		315 10
8741240	111-256	250	16		380 10
8741400	111-316	300	16		460 10
8741590	111-318	300	18		600 10
8741670	111-358	350	18		700 10
8741750	111-418	400	18		810 10
8741830	111-420	400	20		970 10
8741910	111-520	500	20		1240 1
8742050	111-622	600	22		1510 1

111 HS

POINT CHISEL octagonal

T As no. 111 but with protective hand guard 108 UNI
T Acc. to DIN 7256

Code	No.	L	s	/	l
8742210	111 HS-256	250	16		540 1
8742560	111 HS-316	300	16		620 1
8742800	111 HS-318	300	18		760 1
8742640	111 HS-358	350	18		860 1
8742720	111 HS-418	400	18		970 1
8742990	111 HS-420	400	20		1130 1
8743020	111 HS-520	500	20		1400 1

112

ELECTRICIANS' CHISEL square

T Made from chrome-vanadium steel
T Carefully hardened and tempered along the full length
T Striking heads inductively tempered
T Working edge polished and clear varnished, free of burrs

Code	No.	L	a	s	/	l
8744500	112-2006	200	6	6		50 10
8744690	112-2008	200	8	6		55 10
8744770	112-2100	200	10	7		75 10
8744930	112-2508	250	8	6		70 10
8745070	112-2510	250	10	7		95 10
8745150	112-2512	250	12	8		120 10
8745230	112-2515	250	15	10		190 10
8745310	112-3000	300	15	10		240 10

112 A

ELECTRICIANS' CHISEL octagonal

T Made from chrome-molybdenum-vanadium air hardening steel
T Carefully hardened and tempered along the full length
T Striking heads inductively tempered
T Working edge polished and clear varnished, free of burrs

Code	No.	L	a	s	/	l
8745820	112 A-200	200	10	10		120 10
8745900	112 A-250	250	12	10		156 10
8746040	112 A-300	300	15	12		275 10

112 S

ELECTRICIANS' SPLITTING CHISEL

T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
T Carefully hardened and tempered along the full length
T Striking heads inductively tempered
T Working edge polished and clear varnished, free of burrs

Code	No.	L	s	/	l
8746550	112 S	200	200		10

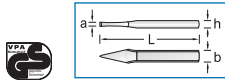




96

CROSS-CUT CHISEL flat oval

- T Acc. to DIN 6451
- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished, free of burrs
- T 96 HS with protective hand guard 108 UNI

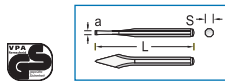
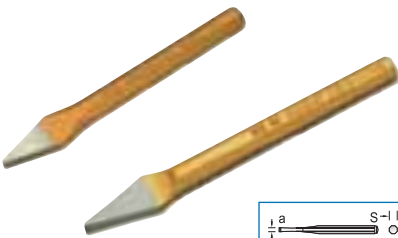


Code	No.	L	a	b	h	/	l
8702180	96-125	125	5	14	9	140	10
8702260	96-150	150	6	17	11	220	10
8702340	96-175	175	7	17	11	270	10
8702420	96-200	200	8	20	12	380	10
8702500	96-250	250	9	23	13	535	10
8702690	96-300	300	10	23	13	690	10
8702770	96 HS-250	250	9	23	13	695	1
8702850	96 HS-300	300	10	23	13	850	1

98

CROSS-CUT CHISEL octagonal

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished, free of burrs

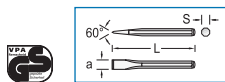


Code	No.	L	a	s	/	l
8704630	98-125	125	5	10	90	10
8704710	98-150	150	7	12	140	10
8704980	98-175	175	9	16	240	10
8705010	98-200	200	10	18	305	10

202

TILE CHISEL flat

- T Chrome-vanadium steel 59CrV4
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished

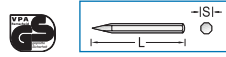


Code	No.	L	a	s	/	l
8879270	202-80	80	6	6	30	10
8879350	202-90	90	8	6	40	10
8879430	202-100	100	10	7	60	10

203

TILE CHISEL pointed

- T Chrome-vanadium steel 59CrV4
- T Driving point polished and clear varnished



Code	No.	L	s	/	l
8880010	203-80	80	6	30	10
8880280	203-100	100	7	50	10

207

CARBIDE TILE CHISEL

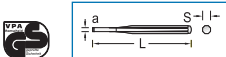


Code	No.	y	c	/	l
8881090	207-85	90	8	45	10

128

PARING CHISEL octagonal

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished

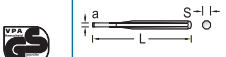


Code	No.	L	a	s	/	l
8775650	128-2	120	2	10	75	10
8775730	128-3	120	3	10	75	10

129

GROOVING CHISEL octagonal

- T Acc. to DIN 6455
- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished



Code	No.	L	a	s	/	l
8776380	129-2	150	2	10	75	10
8776460	129-3	150	3	10	80	10
8776540	129-4	150	4	10	85	10
8776620	129-5	150	5	10	85	10
8776700	129-6	150	6	10	90	10



DRIFT / CENTRE / PIN PUNCHES

HS 100 - HS 119

PROTECTIVE HAND GUARD made from PVC

- T For pin punches, centre punches and drift punches
- T Ergonomic and safe
- T Suitable for size 8-12 mm

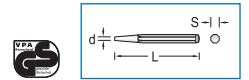


Code	No.	y	/	l
8749300	HS 100	63	10	1
8749220	HS 119	95	17	1

99

DRIFT PUNCH

- T Acc. to DIN 6458
- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished
- T Special types or sizes on request
- T * not standardised



Code	No.	*	L	s	d	/	l
8708700	99 10-1		120	10	1	60	10
8708970	99 10-2		120	10	2	60	10
8709190	99 10-3		120	10	3	60	10
8709350	99 10-4		120	10	4	60	10
8709510	99 10-5		120	10	5	60	10
8709780	99 10-6		120	10	6	60	10
8710520	99 12-1		120	12	1	90	10
8710790	99 12-2		120	12	2	90	10
8710950	99 12-3		120	12	3	90	10
8711170	99 12-4		120	12	4	90	10
8711330	99 12-5		120	12	5	90	10
8711410	99 12-6		120	12	6	90	10
8711680	99 12-7		120	12	7	100	10
8711760	99 12-8		120	12	8	105	10
8711840	99 12-9	*	120	12	9	105	10
8711920	99 12-10	*	120	12	10	110	10
8713890	99 15-9		150	12	9	130	10
8713970	99 15-10		150	12	10	135	10
8714430	99 15-12	*	150	14	12	185	10
8714940	99 15-14	*	150	16	14	245	10



100
CENTRE PUNCH
 T Acc. to DIN 7250
 T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
 T Carefully hardened and tempered along the full length
 T Striking heads inductively tempered
 T Working edge polished and clear varnished
 T * not standardised

Code	No.	*	L	s	d	/	l
8721050	100-10		120	10	4	60	10
8721130	100-12		120	12	5	95	10
8721210	100-15		150	12	5	120	10
8721480	100-16	*	150	16	8	240	10

100 A
CENTRE PUNCH with carbide tip
 T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7

Code	No.	L	s	d	/	l
8721720	100 A-10	120	10	4	45	10
1568396	100 A-12	130	12	4	110	10

101
AUTOMATIC CENTRE PUNCH with tip
 T For one hand operation
 T With spring mechanism
 T Impact power can be set by a screw thread
 T With hand protection for comfortable and safe working
 T Spare tip E 101

Code	No.	L	s	d	/	l
8722880	101	145	16	4	128	1
8870800	E 101			4	12	1

119
PIN PUNCH
 T Acc. to DIN 6450
 T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
 T Carefully hardened and tempered along the full length
 T Striking heads inductively tempered, working edge polished and clear varnished
 T No. 119-175 with pilot
 T Special types or sizes on request
 T * not standardised

Code	No.	*	L ₁	L ₂	d	s	/	l	G
2004658	119-1,5	*	110	30	1.5	8	65	10	G
8758640	119-2		150	30	2.0	10	65	10	
8758720	119-2,5	*	150	30	2.5	10	65	10	
8758800	119-3		150	40	3.0	10	65	10	
8758990	119-3,5	*	150	40	3.5	10	65	10	
8759020	119-4		150	50	4.0	10	65	10	
8759290	119-5		150	50	5.0	10	70	10	
8759370	119-6		150	50	6.0	10	75	10	
8759450	119-7	*	150	50	7.0	12	105	10	
8759530	119-8		150	50	8.0	12	110	10	
8759610	119-9	*	150	50	9.0	12	115	10	
8759880	119-10	*	150	50	10.0	12	125	10	
8759960	119-12	*	150	50	12.0	14	180	10	
8760110	119-84	*	180	80	4.0	10	80	10	
8760380	119-86	*	180	80	6.0	10	85	10	
8761350	119-175		175	85	6.0	10	85	10	

114
PIN PUNCH with guide sleeve
 T Driving point made from material 115CrV3, hardened 55-59 HRC
 T Shank knurled
 T Fine grinded and polished

Code	No.	L	d	/	l
8755460	114-09	80	0.9	10	10
8755540	114-14	85	1.4	10	10
8755620	114-18	88	1.8	11	10
8755700	114-24	92	2.4	24	10
8755890	114-28	96	2.8	24	10
8755970	114-34	96	3.4	25	10
8756000	114-39	100	3.9	26	10
8756190	114-59	100	5.9	34	10

115
PIN PUNCH SET 8 pieces
 T In metal case with lid
 T With guide sleeve
 T Driving point made from material 115CrV3, hardened 55-59 HRC
 T Shank knurled
 T Fine grinded and polished

Code	No.	/	l
8756780	115	180	1
	114-09 -14 -18 -24		
	-28 -34 -39 -59		

116 A - 116 L
PIN PUNCH SET 6 pieces
 T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
 T Carefully hardened and tempered along the full length
 T Striking heads inductively tempered, working edge polished and clear varnished
 T 116 L long pattern

Code	No.	Execution	/	l
8757240	116	wooden stand	730	1
	119-3 -4 -5 -6 -7 -8			
8758050	116 D	metal case with lid	800	1
	119-3 -4 -5 -6 -7 -8			
8757670	116 A	PVC holder	510	1
	119-3 -4 -5 -6 -7 -8			
8839990	116 L	PVC holder	525	1
	119-2 -3 -5 -84 -86 -175			

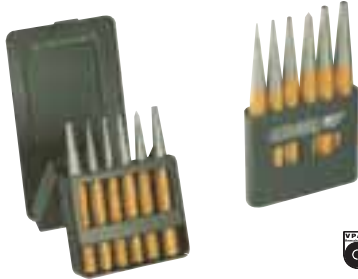




113 - 113 D

DRIFT PUNCH SET 6 pieces

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished



Code	No.	Execution	/	l
8753680	113	PVC holder	450	1
	99	10-1 2 3		
	99	12-4 5		
	100	10-10		
8754060	113 D	metal case with lid	720	1
	99	10-1 2 3		
	99	12-4 5		
	100	10-10		

Detailed information on products, promotions and trade fairs

... www.gedore.com



106 - 106 D

CHISEL AND PUNCH SET 6 pieces

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished



Code	No.	Execution	/	l
8725200	106	PVC holder	550	1
	97	125-150		
	99	12-3		
	100	10-10		
	119	4		
8725710	106 D	Metal case with lid	820	1
	97	125-150		
	99	12-3		
	100	10-10		
	119	4		

102

CHISEL AND PUNCH SET 6 pieces

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished
- T In wooden stand

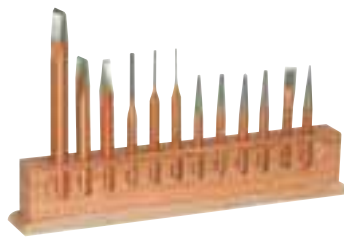


Code	No.	/	l
8723340	102	785	1
	97	125 150	
	99	12-3	
	100	10-10	
	119	4	

107

CHISEL AND PUNCH SET 12 pieces

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished
- T In wooden stand



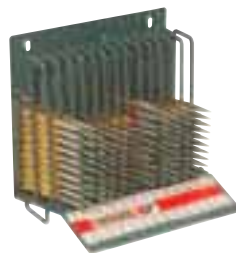
Code	No.	/	l
8726440	107	2075	1
	95	150 200	
	96	150	
	97	125	
	99	10-2 3 4 5	
	100	10-10	
	119	2 3 5	

MERCHANDISER

1130

MERCHANDISER FOR STRIKING TOOLS 130 pieces

- T Tools made from chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Merchandiser made from sheet metal



Code	No.	l
8901970	1130	12.4 1
	10 pieces each	
	119	2 3 4 5 6 7 8
	99	10-2 3 4 5
	100	10-10 12

1132

CHISEL MERCHANDISER 132 pieces

- T Chisels made from chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Merchandiser made from acrylic sheeting, colour printed



Code	No.	l
8779800	1132	24.0 1
	6 pieces each	
	95	150 200 250 300
	96	150 200
	99	10-2 3 4 5
	99	12-6 8
	100	10-10 12
	119	2 3 4 5 6 7 8
	104	

1190

CHISEL MERCHANDISER 90 pieces

- T Chisels made from chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Merchandiser made from sheet metal



Code	No.	l
8913040	1190	39.8 1
	10 pieces each	
	95	200 95-250
	103	60
	104	
	109	300
	110	316
	111	316
	112	A-250
	112	2508

3200

CHISEL MERCHANDISER 320 pieces

- T Assortment of best selling articles
- T Chisels made from chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Merchandiser made from sheet metal



Code	No.	l
8604840	3200	99.0 1
	10 pieces each	
	95	150 175 200 250
	96	175 99 10-2 3 4
	100	12 15 104
	109	250 300 350 400
	110	256 316 418
	111	256 316 418
	112	2006 2508 2512
	112	A-300 119-2 3 4 5
	202	100 203-100
	5 pieces each	103-60 80

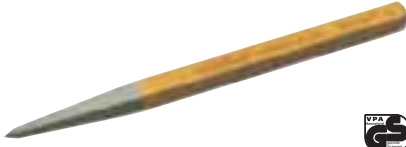


VARIOUS

206

TILER'S SETTING TOOL

- T Chrome-vanadium steel 59CrV4
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T Working edge polished and clear varnished



Code	No.	y	c	/	l
8880600	206-150	150	8	90	10

208

CARBIDE SCRIBER hexagonal



Code	No.	y	c	/	l
8881680	208-150	150	6	60	10

126

RIVETTING SETTER

- T DIN 6434
- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Working edge polished and clear varnished



Code	No.	for rivet shaft Ø				
		mm	internal Ø	L	s	/ l
8774090	126-2	2	2.5	100	10	60 10
8774170	126-3	3	3.5	100	10	60 10
8774250	126-4	4	4.5	100	12	90 10
8774330	126-5	5	6.0	110	12	90 10
8774410	126-6	6	7.0	110	14	140 10
8774680	126-8	8	9.0	120	16	190 10

127

RIVETTING SNAP DIE

- T DIN 6435
- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Working edge polished and clear varnished



Code	No.	for rivet shaft Ø				
		mm	internal Ø	L	s	/ l
8775060	127-2	2	3.5	100	10	60 10
8775140	127-3	3	5.2	100	10	60 10
8775220	127-4	4	7.0	100	12	60 10
8775300	127-5	5	8.8	110	14	90 10
8775490	127-6	6	10.5	110	16	180 10
8775570	127-8	8	14.0	120	20	325 10

Deviant packing units see article description.

125 B

SET OF RIVETTING SETTERS AND SNAP DIES

- 6 pieces
- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Working edge polished and clear varnished
- T In PVC holder



Code	No.	/	l
8773600	125 B	480	1
	126-2 3 4		
	127-2 3 4		

90 HS

RIVET SETTER octagonal

- T Chrome-vanadium steel 59CrV4, zinc-plated
- T Carefully hardened and tempered along the full length
- T Striking heads inductively tempered
- T With black protective hand guard for safe comfortable working
- T DBGM (= German Utility Patent)

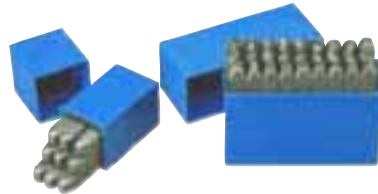


Code	No.	L	s	/	l
8885830	90 HS-4	160	18	490	1
8886130	90 HS-6	160	18	490	1

2200 - 2201

LETTER AND NUMBER PUNCHES

- T To label finished parts such as signs, tools, etc.
- T Made from hardened steel with hardened handle and tempered striking head
- T No. 2200 = 9 numbers, 6 mm printing height
- T No. 2201 = 27 letters, 6 mm printing height



Code	No.	y	c	/	l
8605140	2200-6	70	9	400	1
8605220	2201-6	70	9	1200	1

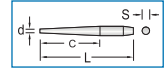


BENDING BARS / PRYBARS

135

SETTING PUNCH

- T Chrome-vanadium steel 59CrV4
- T Hardened and tempered along the full length
- T Special sizes available on request

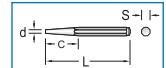


Code	No.	L	c	d	s	/	l
8782350	135-5	180	110	5	12	110	1
8782430	135-6	200	120	6	13	150	1
8782510	135-8	200	130	8	16	220	1
8782780	135-9	200	130	9	20	340	1
8782860	135-10	230	140	10	22	460	1
8782940	135-11	250	155	11	25	620	1
8783080	135-12	280	170	12	27	870	1
8783160	135-14	315	190	14	30	1260	1
8783240	135-15	340	200	15	32	1570	1
8783320	135-16	380	220	16	36	2230	1

136

TAPER PUNCH octagonal

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length

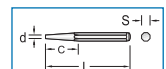


Code	No.	L	c	d	s	/	l
8783400	136-500	500	170	5	20	970	1

137

BENDING BAR

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length



Code	No.	L	c	d	s	/	l
8783590	137-600	600	120	5	20	1300	1





138

BENDING TOOL

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7, nickel-plated
- T Carefully hardened and tempered along the full length



Code	No.	y	/	l
1396609	138-400	400	610	1

139

PRYBAR

- T Chrome-vanadium steel 31CrV3, nickel-plated



Code	No.	y	/	l
1396595	139-400	400	490	1

140

UNIVERSAL PRYBAR

- T Made from special steel
- T Hardened along the full length, cutting edge polished
- T With three nail pullers



Code	No.	y	/	l
8894310	140-380	380	635	1

141

PRYBAR

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7, chromated
- T Hardened along the full length
- T With plastic handle
- T Very robust and resilient



Code	No.	y	K	/	l
1471945	141-300	300	11	195	1
1471937	141-390	390	13	371	1
1471929	141-600	600	20	768	1

S 141-3

PRYBAR SET 3 pieces

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7, chromated
- T Hardened along the full length
- T With plastic handle
- T Very robust and resilient



Code	No.	/	l
1525476	S 141-3	510	1
	141-300 390 600		

142

ALUMINIUM PRYBAR

- T Forged of high-class aluminium
- T Carefully hardened
- T Extremely light and very robust
- T For universal use - with pry and tip



Code	No.	y	/	l
1859188	142-430	430	400	1



NAIL LIFTER / CROWBARS

120

WRECKING BAR octagonal

- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7, copper colour varnished
- T Carefully hardened and tempered along the full length



Code	No.	y	octagonal	/	l
8769330	120-350	350	18	890	1
8769410	120-500	500	18	1195	1
8769680	120-600	600	18	1440	1
8769760	120-700	700	18	1635	1
8769840	120-800	800	18	1860	1
8769920	120-1000	1000	18	2390	1

121

NAIL LIFTER octagonal

- T For lifting very long nails
- T No underlay aids are necessary because of the ratchet function
- T Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- T Carefully hardened and tempered along the full length



Code	No.	y	octagonal	/	l
8577930	121-600	600	18	1718	1

122

CROWBAR

- T With straight cutting edge and point



Code	No.	y	Ø	Ø	l
8770500	122-1000	1000	30	5.5	1
8770690	122-1250	1250	30	6.9	1
8770770	122-1500	1500	30	8.3	1
8852580	122-2000	2000	30	11.0	1

123

CROWBAR

- T With curved cutting edge and point



Code	No.	y	Ø	Ø	l
8771230	123-1000	1000	30	5.5	1
8771310	123-1250	1250	30	6.9	1
8771580	123-1500	1500	30	8.3	1
8852660	123-2000	2000	30	11.0	1

124

CROWBAR

- T With claw and point



Code	No.	y	Ø	Ø	l
8772040	124-1000	1000	30	5.5	1
8772120	124-1250	1250	30	6.9	1
8772200	124-1500	1500	30	8.3	1
8852740	124-2000	2000	30	11.0	1

150

CROWBAR

- T Heavy-duty model, edged
- T With curved cutting edge and point



Code	No.	y	Ø	l
8823990	150-1000	1000	4.5	1
8824020	150-1250	1250	6.7	1
8824100	150-1500	1500	8.1	1
8824450	150-2000	2000	13.6	1

151

CROWBAR

- T Heavy-duty model
- T With round head and cutting edge



Code	No.	y	Ø	Ø	l
8824530	151-1000	1000	30	6.0	1
8824610	151-1250	1250	30	7.1	1
8824880	151-1500	1500	30	8.4	1

152

CROWBAR

- T Heavy-duty model
- T With round head and point



Code	No.	y	Ø	Ø	l
8824960	152-1000	1000	30	6.0	1
8825180	152-1250	1250	30	7.1	1
8825260	152-1500	1500	30	8.4	1

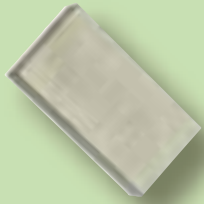




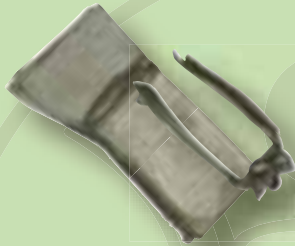
FORESTRY AND CARPENTER'S TOOLS

OUT OF THE FORGE ...

... AND INTO THE FOREST



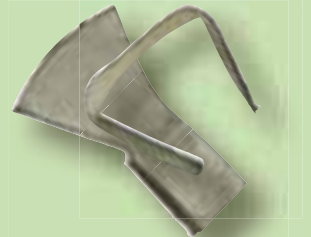
① The forged blanks are sawn off from rolled C60 tempering steel.



② The red-hot blank is shaped on a forging press and the hole is made for the eye. Excess burring is removed.



③ The glowing blade is beaten out on the forging roll.



④ Final shaping under the forging hammer. Trimming excess material and rough-grinding the axe.



⑤ Permanent marking by means of a stamp bearing the manufacturer's symbol. Tempering (hardening and tempering) the cutting edge ensures hardness and toughness.



⑥ Sand-blasting the surface. Fine-grinding the cutting edge. A crowned cut increases stability. Transparent varnish protects the axe head from corrosion.






⑦ Inserting and clamping the handle. The triple clamp provided by one wooden wedge and two ring wedges ensures a lasting and safe connection.



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Partner of the Group



Wrench/spanner test torques in accordance with DIN ISO 1711-1 (minimum guaranteed values) Nm						Test torques for tightening tools for hexagon socket head screws									
+	-	With square socket head as per DIN 3120					DIN EN ISO 4762	No. 42T, DT42 No. 42, 42EL	No. IN 34	With hexagon head as per DIN 7422					
		6,3	10	12,5	20	25				6,3	10	12,5	20	25	
		No. 20 No. D 20	No. 30 No. D 30	No. 19 No. D 19	No. 32 No. D 32	No. D 21				No. IN 20	No. IN30	No. IN 19	No. IN 32	No. IN 21	
							∩								
		1/4"	3/8"	1/2"	3/4"	1"				1/4"	3/8"	1/2"	3/4"	1"	
M 2	4	10,4					1,5	0,82							
M 2,2	4,5*	12,6					2	1,9		1,9					
M 2,5	5	15,1													
M 3	5,5	17,8					2,5	3,8		3,8					
M 3,5	6*	20,6	23,2												
M 4	7	26,8	33,2				3	6,6	6,6	6,6					
M 5	8	33,6	45,5	94,1			4	16	16	16	16	16			
	9*	41,1	59,9	119,2											
M 6	10	49,1	76,7	147			5	30	30	30	30	30			
M 7	11	57,8	96	178											
	12*	67,0	118	212											
M 8	13	68,6	141	249			6	52	52	52	52	52			
	14*	68,6	169	288			7	80		80	80				
M 10	15		198	331			8	120	120	120	120	120			
	16		225	377											
	17*		225	425			9	165			165				
M 12	18		225	477			10	220	220		220	220			
	19*		225	531											
	20*		225	569			12	370	370		370				
M 14	21		225	569	569										
	22*		225	569	569										
	23*			569	569										
M 16	24			569	569		14	590	590			590	590		
	25*			569	583										
	26*			569	624										
M 18	27			569	665										
	28*			569	707										
M 20	30			569	795		17	980	980			1000	1000	1000	
M 22	32*			569	888										
	34			569	984										
M 24	36				1084	1677	19	1360	1360			1400	1400	1400	
M 27	41				1353	1910									
M 30	46				1569	2143	22	2110				2100	2100		
M 33	50				1569	2329	24	2750							
M 36	55				1569	2562	27	3910						2700	
M 39	60				1569	2795	30	4000							
M 42	65					2795	32	4000							
M 45	70					2795									
M 48	75					2795	36	4000							
M 52	80					2795									
M 56	85														
M 60	90														
M 64	95														

The matching test torques are derived from the theoretical load capability of the connecting square drive.

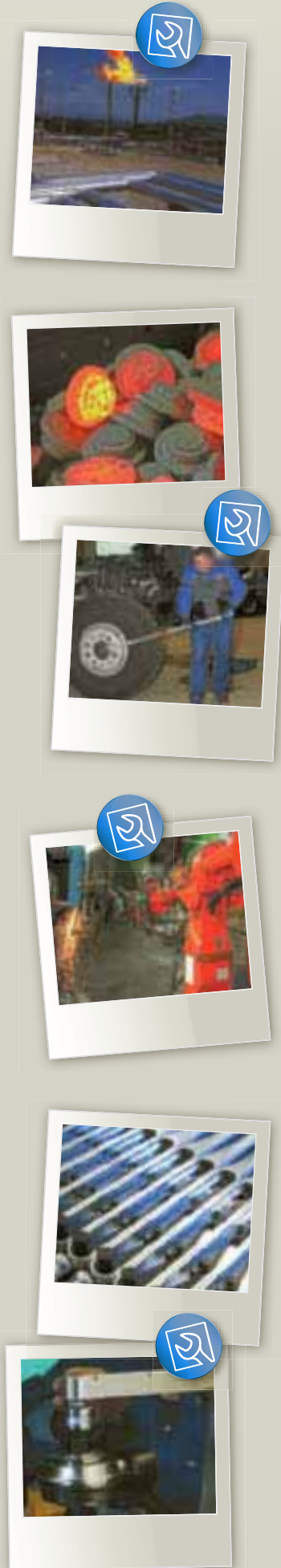
Attention:

Hand tightening sockets are unsuited to use with impact drivers. Inappropriate use poses an accident risk. Power driver sockets can be found up from page 137.



--				Head widths		Thread Ø		Head widths	
	Metric as per DIN ISO 272	Metric for high-tensile bolted structural joints as per EN 14399-4	=	inch	mm	#	BS 916 1083	inch	mm
2,5	1								
3	1,4 and 1,2								
3,2	1,6								
4	2		5/32	0,1562	3,97	8 BA		0,152	3,86
4,5	2,3					7 BA		0,172	4,37
5	2,5		3/16	0,1875	4,76	6 BA		0,193	4,90
5,5	3		7/32	0,2187	5,56	5 BA		0,220	5,59
6	3,5		1/4	0,2500	6,35	4 BA		0,248	6,30
						1/16 W		0,256	6,90
7	4		9/32	0,2812	7,14	3 BA		0,282	7,16
7+8	5		5/16	0,3125	7,94	3/32 W		0,297	7,54
						2 BA		0,324	8,23
9	5 Old		11/32	0,3438	8,73	1/8 W	(3/16)	0,340	8,64
			3/8	0,3750	9,52	1 BA		0,365	9,27
8+10	6		13/32	0,4062	10,32	0 BA	(7/32)	0,413	10,49
11	7		7/16	0,4375	11,11	3/16 W	1/4	0,445	11,30
12									
10+13	8		1/2	0,5000	12,70	1/4 W	5/16	0,525	13,34
14*	8 Old		9/16	0,5625	14,29				
15	10 KFZ		19/32	0,5938	15,08	5/16 W	3/8	0,600	15,24
16	10		5/8	0,6250	15,88				
13+15+17	10		11/16	0,6875	17,46				
18						3/8 W	7/16	0,710	18,03
15+18+19	12		3/4	0,7500	19,05				
20*			25/32	0,7812	19,84				
18+21	14		13/16	0,8125	20,64	7/16 W	1/2	0,820	20,83
22+24	14	12	7/8	0,8750	22,22				
23*									
21+24*	16		15/16	0,9375	23,81	1/2 W	9/16	0,920	23,37
25*+27*			1.	1,0000	25,40				
26*									
27	18	16	1.1/16	1,0625	26,99	9/16 W	5/8	1,010	25,65
27+28*+30						5/8 W	(11/16)	1,100	27,94
27+30+34	20		1.1/8	1,1250	28,58				
32+36+41	22	20	1.3/16	1,1875	30,16	11/16 W	3/4	1,200	30,48
			1.1/4	1,2500	31,75				
34	22		1.5/16	1,3125	33,34	3/4 W	7/8	1,300	33,02
36+41	24	22	1.3/8	1,3750	34,92	13/16 W	(15/16)	1,390	35,31
			1.7/16	1,4375	36,51				
38*									
41+46	27	24	1.1/2	1,5000	38,10	7/8 W	1.	1,480	37,59
			1.5/8	1,6250	41,28				
			1.11/16	1,6875	42,86	1. W	1.1/8	1,670	42,42
46+50	30	27	1.3/4	1,7500	44,45				
			1.13/16	1,8125	46,04	1.1/8 W	1.1/4	1,860	47,24
			1.7/8	1,8750	47,62				
50+55	33	30	2.	2,0000	50,80				
			2.1/16	2,0625	52,39	1.1/4 W	1.3/8	2,050	52,07
55+60	36		2.3/16	2,1875	55,56				
60+65	39	36	2.1/4	2,2500	57,15	1.3/8 W	1.1/2	2,220	56,39
			2.3/8	2,3750	60,32				
			2.7/16	2,4375	61,91	1.1/2 W	1.5/8	2,410	61,21
65	42		2.9/16	2,5625	65,09	1.5/8 W	1.3/4	2,580	65,53
			2.5/8	2,6250	66,68				
70	45		2.3/4	2,7500	69,85	1.3/4 W	2.	2,760	70,10
75	48		2.13/16	2,8125	71,44				
			2.15/16	2,9375	74,61				
			3	3,0000	76,20	(1.7/8 W)			76,70
80	52		3.1/8	3,1250	79,38		2.1/4	3,150	80,01
85	56		3.3/8	3,3750	85,72				
90	60		3.1/2	3,5000	88,90		2.1/2	3,550	90,17
95	64		3.3/4	3,7500	95,25				
100	68		3.7/8	3,8750	98,42		2.3/4	3,890	98,81
105	72		4.1/8	4,1250	104,78		3.	4,180	106,17
110	76		4.1/4	4,2500	107,95				
115	80		4.1/2	4,5000	114,30		3.1/4	4,530	115,06
120	85		4.5/8	4,6250	117,48				
125*			4.7/8	4,8750	123,82		3.1/2	4,850	123,19
			5.	5,0000	127,00				
130	90		5.1/4	5,2500	133,35		3.3/4	5,180	131,57
135	95		5.3/8	5,3750	136,52				
140*			5.5/8	5,6250	142,88		4.	5,550	140,97
145	100		5.3/4	5,7500	146,05				
150	105		6.	6,0000	152,40				
155	110		6.1/8	6,1250	155,58		4.1/2	6,380	162,05
160*									
165	115								
170	120								
175*									
180	125								
185	130								
200	140								
210	150								

* not standardised





Conversion tables inches to decimal-inches and mm

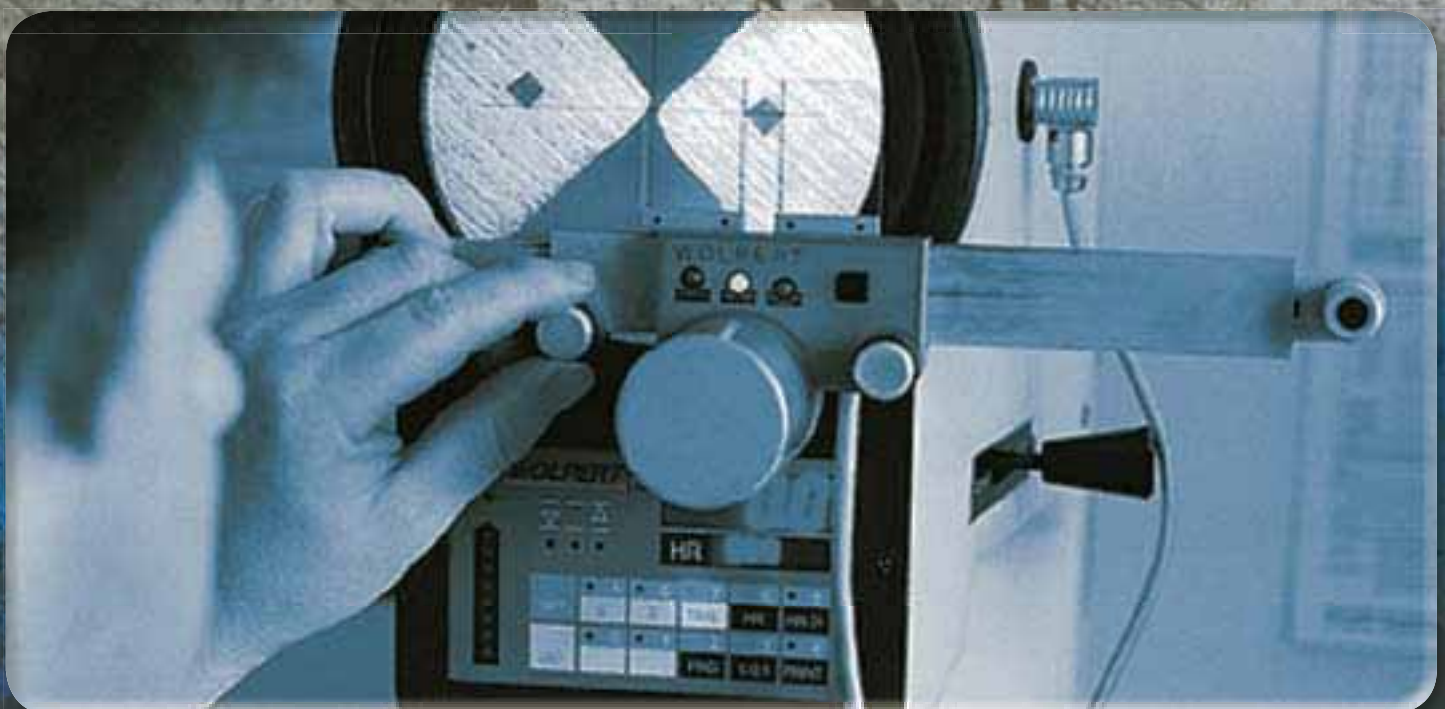
in.	dec. in.	mm	in.	dec. in.	mm
0	0	0	1/2	0.5	12,7000
1/64	0.015625	0,3969	33/64	0.515625	13,0969
1/32	0.03125	0,7938	17/32	0.53125	13,4938
3/64	0.046875	1,1906	35/64	0.546875	13,8906
1/16	0.0625	1,5875	9/16	0.5625	14,2875
5/64	0.078125	1,9844	37/64	0.578125	14,6844
3/32	0.09375	2,3812	19/32	0.59375	15,0812
7/64	0.109375	2,7781	39/64	0.609375	15,4781
1/8	0.125	3,1750	5/8	0.625	15,8750
9/64	0.140625	3,5719	41/64	0.640625	16,2719
5/32	0.15625	3,9688	21/32	0.65625	16,6688
11/64	0.171875	4,3656	43/64	0.671875	17,0656
3/16	0.1875	4,7625	11/16	0.6875	17,4625
13/64	0.203125	5,1594	45/64	0.703125	17,8594
7/32	0.21875	5,5562	23/32	0.71875	18,2562
15/64	0.234375	5,9531	47/64	0.734375	18,6531
1/4	0.25	6,3500	3/4	0.75	19,0500
17/64	0.265625	6,7469	49/64	0.765625	19,4469
9/32	0.28125	7,1438	25/32	0.78125	19,8438
19/64	0.296875	7,5406	51/64	0.796875	20,2406
5/16	0.3125	7,9375	13/16	0.8125	20,6375
21/64	0.328125	8,3344	53/64	0.828125	21,0344
11/32	0.34375	8,7312	27/32	0.84375	21,4312
23/64	0.359375	9,1281	55/64	0.859375	21,8281
3/8	0.375	9,5250	7/8	0.875	22,2250
25/64	0.390625	9,9219	57/64	0.890625	22,6219
13/32	0.40625	10,3188	29/32	0.90625	23,0188
27/64	0.421875	10,7156	59/64	0.921875	23,4156
7/16	0.4375	11,1125	15/16	0.9375	23,8125
29/64	0.453125	11,5094	61/64	0.953125	24,2094
15/32	0.46875	11,9062	31/32	0.96875	24,6062
31/64	0.484375	12,3031	63/64	0.984375	25,0031
			1	1	25,4000

Nominal size/s in mm	Tolerance class 1 as per ISO 691 dimensions		Tolerance class 2 ^a as per ISO 691 dimensions	
	min.	max.	min.	max.
2 ≤ s < 3	+ 0,02	+ 0,08	+ 0,02	+ 0,12
3 ≤ s < 4	+ 0,02	+ 0,10	+ 0,02	+ 0,14
4 ≤ s < 6	+ 0,02	+ 0,12	+ 0,02	+ 0,16
6 ≤ s < 10	+ 0,03	+ 0,15	+ 0,03	+ 0,19
10 ≤ s < 12	+ 0,04	+ 0,19	+ 0,04	+ 0,24
12 ≤ s < 14	+ 0,04	+ 0,24	+ 0,04	+ 0,30
14 ≤ s < 17	+ 0,05	+ 0,27	+ 0,05	+ 0,35
17 ≤ s < 19	+ 0,05	+ 0,30	+ 0,05	+ 0,40
19 ≤ s < 26	+ 0,06	+ 0,36	+ 0,06	+ 0,46
26 ≤ s < 33	+ 0,08	+ 0,48	+ 0,08	+ 0,58
33 ≤ s < 55	+ 0,10	+ 0,60	+ 0,10	+ 0,70
55 ≤ s < 75	+ 0,12	+ 0,72	+ 0,12	+ 0,92
75 ≤ s < 105	+ 0,15	+ 0,85	+ 0,15	+ 1,15
105 ≤ s < 150	+ 0,20	+ 1,00	+ 0,20	+ 1,40
150 ≤ s < 210	+ 0,25	+ 1,25	-	-

^a This tolerance class applies only to ring spanners that have not been manufactured by material removal.

Spanner sizes in accordance with this international standard must be marked with:

- a. Spanner head size
- b. Reference to the international standard, i.e. ISO 691
- c. Nominal size s in millimetres
- d. Tolerance class 1 or 2



Torque conversion factors

Units to be	Corresponding unit								
	= mN-m	= cN-m	= N-m	= oz-in	= lbf-in	= lbf-ft	= gf-cm	= kgf-cm (kp-cm)	= kgf-m (kp-m)
1 mN-m	1	0,1	0,001	0,142	0,009	0,0007	10,2	0,01	0,0001
1 cN-m	10	1	0,01	1,416	0,088	0,007	102	0,102	0,001
1 N-m	1000	100	1	141,6	8,851	0,738	10197	10,2	0,102
1 oz-in	7,062	0,706	0,007	1	0,0625	0,005	72	0,072	0,0007
1 lbf-in	113	11,3	0,113	16	1	0,083	1152,1	1,152	0,0115
1 lbf-ft	1356	135,6	1,356	192	12	1	13826	13,83	0,138
1 gf-cm	0,098	0,01	0,0001	0,014	0,0009	0,00007	1	0,001	0,00001
1 kgf-cm (kp-cm)	98,07	9,807	0,098	13,89	0,868	0,072	1000	1	0,01
1 kgf-m (kp-m)	9807	980,7	9,807	1389	86,8	7,233	100000	100	1

APPLICATION

Conversion formula:
Units to be converted x factor = corresponding unit

Example:
Convert of 5 lbf-ft in cN-m

Solution:
 $5 \times 135,6 = 678 \text{ cN-m}$

Conversion from N-m in kgf-m (kp-m)

N-m	1 N-m = 0,102 kgf-m									
	0	1	2	3	4	5	6	7	8	9
0	0,00	0,10	0,20	0,31	0,41	0,51	0,61	0,71	0,82	0,92
10	1,02	1,12	1,22	1,33	1,43	1,53	1,63	1,73	1,84	1,94
20	2,04	2,14	2,24	2,35	2,45	2,55	2,65	2,75	2,86	2,96
30	3,06	3,16	3,26	3,37	3,47	3,57	3,67	3,77	3,87	3,98
40	4,08	4,18	4,28	4,38	4,49	4,59	4,69	4,79	4,89	5,00
50	5,10	5,20	5,30	5,40	5,51	5,61	5,71	5,81	5,91	6,02
60	6,12	6,22	6,32	6,42	6,53	6,63	6,73	6,83	6,93	7,04
70	7,14	7,24	7,34	7,44	7,55	7,65	7,75	7,85	7,95	8,06
80	8,16	8,26	8,36	8,46	8,57	8,67	8,77	8,87	8,97	9,08
90	9,18	9,28	9,38	9,48	9,59	9,69	9,79	9,89	9,99	10,10
100	10,20	10,30	10,40	10,50	10,60	10,71	10,81	10,91	11,01	11,11

Conversion from kgf-m (kp-m) in N-m

kgf-m (kp-m)	1 kgf-m (kp-m) = 9,807 N-m									
	0	1	2	3	4	5	6	7	8	9
0	0,00	9,81	19,61	29,42	39,23	49,03	58,84	68,65	78,45	88,26
10	98,07	107,87	117,68	127,49	137,29	147,10	156,91	166,71	176,52	186,33
20	196,13	205,94	215,75	225,55	235,36	245,17	254,97	264,78	274,59	284,39
30	294,20	304,01	313,81	323,62	333,43	343,23	353,04	362,85	372,65	382,46
40	392,27	402,07	411,88	421,69	431,49	441,30	451,11	460,91	470,72	480,53
50	490,33	500,14	509,95	519,75	529,56	539,37	549,17	558,98	568,79	578,59
60	588,40	598,21	608,01	617,82	627,63	637,43	647,24	657,05	666,85	676,66
70	686,47	696,27	706,08	715,89	725,69	735,50	745,31	755,11	764,92	774,73
80	784,53	794,34	804,15	813,95	823,76	833,57	843,37	853,18	862,99	872,79
90	882,60	892,41	902,21	912,02	921,83	931,63	941,44	951,25	961,05	970,86
100	980,67	990,47	1000,28	1010,08	1019,89	1029,70	1039,50	1049,31	1059,12	1068,92

Conversion from N-m in lbf-ft

N-m	1 N-m = 0,7386 lbf-ft									
	0	1	2	3	4	5	6	7	8	9
0	0,00	0,74	1,48	2,21	2,95	3,69	4,43	5,16	5,90	6,64
10	7,38	8,11	8,85	9,59	10,33	11,06	11,80	12,54	13,28	14,01
20	14,75	15,49	16,23	16,96	17,70	18,44	19,18	19,91	20,65	21,39
30	22,13	22,86	23,60	24,34	25,08	25,81	26,55	27,29	28,03	28,76
40	29,50	30,24	30,98	31,72	32,45	33,19	33,93	34,67	35,40	36,14
50	36,88	37,62	38,35	39,09	39,83	40,57	41,30	42,04	42,77	43,52
60	44,25	44,99	45,73	46,47	47,20	47,94	48,68	49,42	50,15	50,89
70	51,63	52,37	53,10	53,84	54,58	55,32	56,05	56,79	57,53	58,27
80	59,00	59,74	60,48	61,22	61,96	62,69	63,43	64,17	64,91	65,64
90	66,38	67,12	67,86	68,59	69,33	70,07	70,81	71,54	72,28	73,02
100	73,76	74,49	75,23	75,97	76,71	77,44	78,18	78,92	79,66	80,39

Conversion from lbf-ft in N-m

lbf-ft	1 lbf-ft = 1,356 N-m									
	0	1	2	3	4	5	6	7	8	9
0	0,00	1,36	2,71	4,07	5,42	6,78	8,13	9,49	10,85	12,20
10	13,56	14,91	16,27	17,63	18,98	20,34	21,69	23,05	24,40	25,76
20	27,12	28,47	29,83	31,18	32,54	33,90	35,25	36,61	37,96	39,32
30	40,67	42,03	43,39	44,74	46,10	47,45	48,81	50,16	51,52	52,88
40	54,23	55,59	56,94	58,30	59,66	61,01	62,37	63,72	65,08	66,43
50	67,79	69,15	70,50	71,86	73,21	74,57	75,93	77,28	78,64	79,99
60	81,35	82,70	84,06	85,42	86,77	88,13	89,48	90,84	92,20	93,55
70	94,91	96,26	97,62	98,97	100,33	101,69	103,04	104,40	105,75	107,11
80	108,46	109,82	111,18	112,53	113,89	115,24	116,60	117,96	119,31	120,67
90	122,02	123,38	124,73	126,09	127,45	128,80	130,16	131,51	132,87	134,23
100	135,58	136,94	138,29	139,65	141,00	142,36	143,72	145,07	146,43	147,78

Conversion from N-m in lbf-in

N-m	1 N-m = 8,851 lbf-in									
	0	1	2	3	4	5	6	7	8	9
0	0,00	8,85	17,70	26,55	35,40	44,25	53,10	61,96	70,81	79,66
10	88,51	97,36	106,21	115,06	123,91	132,76	141,61	150,46	159,31	168,16
20	177,02	185,87	194,72	203,57	212,42	221,27	230,12	238,97	247,82	256,67
30	265,52	274,37	283,22	292,08	300,93	309,78	318,63	327,48	336,33	345,18
40	354,03	362,88	371,73	380,58	389,43	398,28	407,14	415,99	424,84	433,69
50	442,54	451,39	460,24	469,09	477,94	486,79	495,64	504,49	513,34	522,20
60	531,05	539,90	548,75	557,60	566,45	575,30	584,15	593,00	601,85	610,70
70	619,55	628,40	637,26	646,11	654,96	663,81	672,66	681,51	690,36	699,21
80	708,06	716,91	725,76	734,61	743,46	752,32	761,17	770,02	778,87	787,72
90	796,57	805,42	814,27	823,12	831,97	840,82	849,67	858,52	867,38	876,23
100	885,08	893,93	902,78	911,63	920,48	929,33	938,18	947,03	955,88	964,73

Conversion from lbf-in in N-m

lbf-in	1 lbf-in = 0,113 N-m									
	0	1	2	3	4	5	6	7	8	9
0	0,00	0,11	0,23	0,34	0,45	0,56	0,68	0,79	0,90	1,02
10	1,13	1,24	1,36	1,47	1,58	1,69	1,81	1,92	2,03	2,15
20	2,26	2,37	2,49	2,60	2,71	2,82	2,94	3,05	3,16	3,28
30	3,39	3,50	3,62	3,73	3,84	3,95	4,07	4,18	4,29	4,41
40	4,52	4,63	4,75	4,86	4,97	5,08	5,20	5,31	5,42	5,54
50	5,65	5,76	5,87	5,99	6,10	6,21	6,33	6,44	6,55	6,67
60	6,78	6,89	7,00	7,12	7,23	7,34	7,46	7,57	7,68	7,80
70	7,91	8,02	8,13	8,25	8,36	8,47	8,59	8,70	8,81	8,93
80	9,04	9,15	9,26	9,38	9,49	9,60	9,72	9,83	9,94	10,06
90	10,17	10,28	10,39	10,51	10,62	10,73	10,85	10,96	11,07	11,19
100	11,30	11,41	11,52	11,64	11,75	11,86	11,98	12,09	12,20	12,31



**Important prefix characters**

Giga	G	1.000.000.000	= 10 ⁹
Mega	M	1.000.000	= 10 ⁶
Kilo	k	1.000	= 10 ³
Hecto	H	100	= 10 ²
Deca	Da	10	= 10 ¹
Deci	d	0,1	= 10 ⁻¹
Centi	c	0,01	= 10 ⁻²
Milli	m	0,001	= 10 ⁻³
Micro	μ	0,000001	= 10 ⁻⁶
Nano	n	0,000000001	= 10 ⁻⁹

Important SI units with conversions to old but still commonly used units

Length	metre	m	
Masa	kilogramme	kg	
Time	second	s	
Force	newton	N	= kg m/s ² 1 N = 0,102 kp
Torque	newton metre	N-m	9,81 N-m = 1 kp-m
Energy (work)	joule	J	= N-m
Heat quantity	joule	J	1 J = 0,239 cal
Power	watt	W	= N-m/s 1 kW = 1,36 PS = 860 kcal/h
Pressure	pascal	Pa	= N/m ² 100 000 Pa = 1 bar = 10 mWS
Electrical current	ampere	A	
Temperature	kelvin	K	1 K = 1 °C

Conversion table, mass and weight

1 megagramme (Mg)	= 1.000 kg	= 10.000 hg	= 100.000 dag	= 1.000.000 g
1 ton (to.)	= 1.000 kg			
1 kilogramme (kg)		= 10 hg	= 100 dag	= 1000 g
1 hectogramme (hg)			= 10 dag	= 100 g
1 decagramme (dag)				= 10 g
1 gramme (g)	= 10 dg	= 100 cg	= 1000 mg	
1 decigramme (dg)		= 10 cg	= 100 mg	
1 centigramme (cg)			= 10 mg	
1 miligramme (mg)			= 1 mg	

Conversion table, force and torque

1 newton (N)	= 0,102 kp
1 kilopond (kp)*	= 9,81 N
1 kilopond metre (kp-m)*	= 9,81 N-m

* Statutory unit in the Federal Republic of Germany until 1977

Material properties

	Density g/cm ³	Expansion 1/°C	Melting point °C	Modulus of elasticity N/mm
Aluminium	2,7	0,000024	660,1	72 000
Lead	11,3	0,000029	327,3	16 000
Iron (steel)	7,86	0,000012	1540	210 000
Gold	19,3	0,000014	1063	79 000
Copper	8,9	0,000017	1083	126 000
Zinc	7,1	0,000026	419	94 000
Glass	2,2-2,9	0,000008	800-1500	68 000
Air	0,0013	0,0036		
Wood	0,5-0,7			10 000
Plastics/synthetic materials:				
PS	1,05	0,00008		3 400
PP	0,9	0,00018		1 200
ABS	1,05	0,00010		2 500

EXAMPLES

Example 1: Expansion of a steel body of 100 mm in length at a temperature of 10 °C. Length y expansion coefficient x °C exp. = 100 mm x 0,000012 x 10 = 0,012 mm = 12 μm

Example 2: Elastic expansion e = s/E.
A body of 100 mm in length made of ABS is stretched with s= 50 N/mm². e = 50 N/mm²: 2500 N/mm² = 0,02. The expansion is: 100 mm x 0,02 = 2 mm.

Example 3: Two steel plates with a total thickness of 20 mm are pre-stressed by means of a screw connection of s = 50 N/mm²; e = 50: 210000 = 0,00024. The compression in the surrounding area of the screw is 20 mm x 0,00024 = 0,0048 mm = 5 μm.

The elastic compression induces a continuous pre-tension of the screw connection. A properly tensed screw connection is selfinhibiting.

Vickers hardness HV 30	Brinell hardness HB 30	Rockwell hardness HRB	Rockwell hardness HRC	Tensile strength sB N/mm ²
80	80,7	36,4	-	270
85	85	42,4	-	290
90	90	47,4	-	310
95	95	52,0	-	320
100	100	56,4	-	340
105	105	60,0	-	360
110	110	63,4	-	380
115	115	66,4	-	390
120	120	69,4	-	410
125	125	72,0	-	420
130	130	74,4	-	440
135	135	76,4	-	460
140	140	78,4	-	470
145	145	80,4	-	490
150	150	82,2	-	500
155	155	83,8	-	520
160	160	85,4	-	540
165	165	86,8	-	550
170	170	88,2	-	570
175	175	89,6	-	590
180	180	90,8	-	600
185	185	91,8	-	620
190	190	91,5	-	640
195	195	94,0	-	660
200	200	95,0	-	670
205	205	95,8	-	680
210	210	96,6	-	710
215	215	97,4	-	720
220	220	98,2	-	730
225	225	99,0	-	750
230	230	-	19,2	760
235	235	-	20,2	780
240	240	-	21,2	800
245	245	-	22,1	820
250	250	-	23,0	830
255	255	-	23,8	850
260	260	-	24,6	870
265	265	-	25,4	880
270	270	-	26,9	900
275	275	-	27,1	920
280	280	-	27,6	940
285	285	-	28,3	950
290	290	-	29,0	970
295	295	-	29,6	990
300	300	-	30,3	1010
310	310	-	31,5	1040
320	320	-	32,7	1080
330	330	-	33,8	1110
340	340	-	34,9	1140
350	350	-	36,0	1170
360	359	-	37,0	1200
370	368	-	38,0	1230
380	376	-	38,9	1260
390	385	-	39,8	1290
400	392	-	40,7	1320
410	400	-	41,5	1350
420	408	-	42,4	1380
430	415	-	43,2	1410
440	423	-	44,0	1430
450	430	-	44,8	1460
460	-	-	45,6	(1490)
470	-	-	46,3	(1520)
480	-	-	47,0	(1550)
490	-	-	47,7	(1580)
500	-	-	48,3	(1600)
510	-	-	49,1	(1630)
520	-	-	49,7	(1660)
530	-	-	50,4	(1690)
540	-	-	51,0	(1710)
550	-	-	51,6	(1740)
560	-	-	52,2	(1770)
570	-	-	52,8	(1790)
580	-	-	53,3	(1820)
590	-	-	53,9	(1850)
600	-	-	54,4	(1870)
610	-	-	55,0	(1900)
620	-	-	55,5	(1930)
630	-	-	56,0	(1950)
640	-	-	56,5	(1980)
650	-	-	57,0	(2000)
660	-	-	57,5	(2030)
670	-	-	58,0	(2050)
680	-	-	58,5	(2080)
690	-	-	59,0	(2110)
700	-	-	59,5	(2130)
720	-	-	60,4	(2170)
740	-	-	61,2	(2220)
760	-	-	62,0	(2260)
780	-	-	62,8	(2300)
800	-	-	63,6	-
820	-	-	64,3	-
840	-	-	65,0	-
860	-	-	65,7	-
880	-	-	66,3	-
900	-	-	66,9	-
920	-	-	67,5	-
940	-	-	68,0	-





Choosing the right friction value

In order to exactly define the pre-tension force and the tightening torque, it is essential to know the coefficient friction.

However, it would seem almost impossible to specify definite values for the coefficients of friction for the large variety of possible surface and lubrication conditions and above all for their variance.

Added to this are the variances of the various different tightening methods which also constitute a greater or lesser factor of uncertainty. For this reason, it is only possible to make recommendations on the choice of the coefficient of friction. 80% of the tightening-torque values apply for countersunk head screws on account of the remaining base thickness.



Screw thread		blackened or Zinc-phosphate			Steel	
		pressed rolled	rolled cut	sharpened	cadmiumplated 6µ	zincplated 6µ
Steel	ground	0,14	0,10	0,16	0,10	0,10
	sharpened	0,16	0,10	0,16	0,10	0,10
	ground sharpened	0,14		0,10		
	turned sharpened					
	turned sharpened	0,10				
	turned sharpened	0,10		0,10	0,10	0,10
	cadmium-plated				0,14	
	zinc-plated					0,10
	cadmium-plated	0,10		0,10	0,14	
	zinc-plated				0,10		0,14

Guideline values for the coefficient of friction μ

In order to exactly define the pre-tension force and the tightening torque, it is essential to know the coefficient of friction. However, it would seem almost impossible to specify definite values for the coefficients of friction for the large variety of possible surface and lubrication conditions and above all for their variance.

The following circumstances influence the friction value:

The surfaces and the nature of the materials being screwed, the method of lubrication, the sliding path due to the flexibility and the tightening method, i.e. the number and the speed of the tightening cycles and finally the tightening path – the so-called hard or soft screw case. The sum total of these items represents a greater or lesser factor of uncertainty. Even DIN-equivalent screws can differ considerably in their friction value because of being delivered by different suppliers, depending on the screw lot and depending on their storage and, in particular, on the oiling or greasing performed in the course of installation. Please note that around 80 to 90% of the tightening torque in most tightening procedures is required for overcoming the friction in the screw.

Important remark:

For this reason, it is only possible to give recommendations on the choice of the friction value. We point out explicitly that the following tables only contain guideline values. In all cases, a detailed screw calculation is more reliable than these tables! That applies particularly for parts which are relevant to safety, are subject to official regulations or perform sealing functions. The tables should only be utilised where the manufacturer of the screws or elements being connected has made no specifications on the required tightening torques.



Friction value μ_{ges} 0,10

Shank screws with metric ISO-medium threads in accordance with DIN 13 Part 12 (selection)

μ_{ges} 0,10	P mm	4.6		5.6		6.8		8.8		10.9		12.9	
		Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m
M 2	0,4	367	0,108	459	0,135	734	0,216	979	0,288	1.376	0,405	1.651	0,486
M 2,5	0,45	610	0,221	763	0,276	1.221	0,441	1.628	0,588	2.289	0,827	2.747	0,993
M 3	0,5	915	0,392	1.144	0,491	1.830	0,785	2.441	1,047	3.432	1,472	4.118	1,766
M 3,5	0,6	1.228	0,617	1.535	0,771	2.456	1,234	3.274	1,645	4.605	2,313	5.526	2,776
M 4	0,7	1.587	0,914	1.983	1,142	3.173	1,827	4.231	2,436	5.950	3,426	7.139	4,111
M 4,5	0,75	2.059	1,325	2.574	1,656	4.118	2,649	5.491	3,532	7.722	4,967	9.266	5,961
M 5	0,8	2.593	1,843	3.242	2,304	5.187	3,686	6.915	4,915	9.725	6,912	11.670	8,294
M 6	1	3.661	3,140	4.576	3,925	7.322	6,280	9.762	8,373	13.728	11,775	16.473	14,130
M 8	1,25	6.713	7,609	8.391	9,511	13.426	15,218	17.901	20,291	25.173	28,534	30.208	34,240
M 10	1,5	10.683	15,06	13.354	18,82	21.366	30,11	28.488	40,15	40.061	56,46	48.073	67,75
M 12	1,75	15.571	26,24	19.463	32,80	31.142	52,48	41.522	69,97	58.390	98,39	70.068	118,07
M 14	2	21.377	41,92	26.721	52,40	42.753	83,83	57.004	111,78	80.162	157,19	96.195	188,62
M 16	2	29.373	64,80	36.717	81,01	58.747	129,61	78.329	172,81	110.150	243,02	132.180	291,62
M 18	2,5	35.742	89,80	44.678	112,25	71.484	179,60	95.312	239,46	134.033	336,75	160.840	404,09
M 20	2,5	45.896	126,57	57.370	158,21	91.792	253,14	122.389	337,52	172.109	474,64	206.531	569,57
M 22	2,5	57.312	172,1	71.640	215,1	114.623	344,2	152.831	459,0	214.919	645,4	257.902	774,5
M 24	3	66.090	218,7	82.612	273,4	132.180	437,4	176.240	583,2	247.837	820,2	297.405	984,2
M 27	3	86.922	319,7	108.653	399,6	173.845	639,3	231.793	852,4	325.959	1.198,7	391.150	1.438,4
M 30	3,5	105.686	434,0	132.107	542,5	211.371	868,0	281.828	1.157,3	396.321	1.627,4	475.585	1.952,9
M 33	3,5	131.646	589,0	164.557	736,3	263.292	1.178,1	351.056	1.570,8	493.672	2.208,9	592.407	2.650,7
M 36	4	154.529	757,7	193.161	947,1	309.057	1.515,4	412.076	2.020,5	579.482	2.841,4	695.379	3.409,6
M 39	4	185.617	978	232.021	1.223	371.233	1.957	494.978	2.609	696.062	3.669	835.275	4.403
M 42	4,5	212.619	1.212	265.774	1.515	425.238	2.424	566.983	3.232	797.321	4.545	956.785	5.454
M 45	4,5	248.834	1.510	311.043	1.888	497.669	3.020	663.559	4.027	933.129	5.663	1.119.755	6.795
M 48	5	279.956	1.819	349.945	2.274	559.912	3.638	746.550	4.850	1.049.836	6.821	1.259.803	8.185
M 52	5	335.711	2.346	419.639	2.932	671.422	4.692	895.229	6.256	1.258.916	8.797	1.510.700	10.557
M 56	5,5	387.206	2.919	484.007	3.649	774.412	5.839	1.032.549	7.785	1.452.022	10.948	1.742.427	13.137
M 60	5,5	452.319	3.632	565.399	4.540	904.639	7.265	1.206.185	9.686	1.696.198	13.621	2.035.438	16.345
M 64	6	511.800	4.392	639.751	5.490	1.023.601	8.784	1.364.801	11.713	1.919.252	16.471	2.303.102	19.765
M 68	6	586.272	5.319	732.840	6.649	1.172.545	10.638	1.563.393	14.184	2.198.521	19.947	2.638.225	23.936

Shank screws with metric ISO-fine-pitch thread in accordance with DIN 13 Part 12 (selection)

M 8	1	7.343	8,10	9.179	10,13	14.687	16,20	19.582	21,60	27.537	30,38	33.045	36,45
M 10	1	12.288	16,57	15.360	20,71	24.576	33,14	32.768	44,19	46.080	62,14	55.297	74,57
M 12	1,5	16.522	27,34	20.653	34,17	33.045	54,68	44.060	72,91	61.959	102,52	74.351	123,03
M 14	1,5	23.624	44,89	29.530	56,11	47.249	89,78	62.998	119,70	88.591	168,33	106.309	202,00
M 16	1,5	31.988	68,63	39.984	85,79	63.975	137,26	85.300	183,01	119.953	257,36	143.944	308,83
M 18	1,5	41.612	99,49	52.015	124,36	83.223	198,98	110.965	265,30	156.044	373,08	187.253	447,70
M 20	1,5	52.497	138,4	65.621	173,0	104.993	276,8	139.991	369,1	196.862	519,0	236.235	622,8
M 22	1,5	64.642	186,3	80.803	232,8	129.284	372,6	172.379	496,7	242.408	698,5	290.890	838,3
M 24	1,5	78.048	244,1	97.560	305,1	156.096	488,1	208.129	650,8	292.681	915,2	351.217	1.098,3

Friction value μ_{ges} 0,14

Shank screws with metric ISO-medium threads in accordance with DIN 13 Part 12 (selection)

μ_{ges} 0,14	P mm	4.6		5.6		6.8		8.8		10.9		12.9	
		Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m
M 2	0,4	338	0,130	422	0,163	675	0,261	901	0,348	1.267	0,489	1.520	0,587
M 2,5	0,45	563	0,269	703	0,336	1.125	0,537	1.500	0,716	2.110	1,007	2.532	1,209
M 3	0,5	845	0,480	1.056	0,600	1.689	0,961	2.253	1,281	3.168	1,801	3.801	2,161
M 3,5	0,6	1.133	0,754	1.416	0,942	2.266	1,507	3.021	2,009	4.248	2,826	5.098	3,391
M 4	0,7	1.463	1,115	1.829	1,393	2.927	2,229	3.902	2,972	5.487	4,180	6.585	5,016
M 4,5	0,75	1.901	1,621	2.376	2,026	3.801	3,242	5.068	4,323	7.127	6,079	8.553	7,295
M 5	0,8	2.395	2,261	2.994	2,827	4.790	4,523	6.387	6,030	8.982	8,480	10.778	10,176
M 6	1	3.379	3,843	4.224	4,803	6.758	7,685	9.011	10,247	12.671	14,410	15.205	17,292
M 8	1,25	6.202	9,349	7.753	11,686	12.404	18,698	16.539	24,931	23.258	35,059	27.909	42,070
M 10	1,5	9.876	18,54	12.345	23,18	19.752	37,09	26.336	49,45	37.034	69,54	44.441	83,44
M 12	1,75	14.400	32,37	18.000	40,46	28.801	64,74	38.401	86,32	54.001	121,38	64.801	145,66
M 14	2	19.775	51,77	24.719	64,71	39.551	103,54	52.734	138,06	74.158	194,14	88.989	232,97
M 16	2	27.221	80,62	34.027	100,77	54.443	161,24	72.591	214,98	102.080	302,32	122.497	362,78
M 18	2,5	33.078	111,09	41.347	138,86	66.155	222,17	88.207	296,23	124.041	416,58	148.850	499,89
M 20	2,5	42.534	157,46	53.167	196,82	85.067	314,91	113.423	419,88	159.501	590,46	191.401	708,55
M 22	2,5	53.175	215,1	66.469	268,9	106.350	430,2	141.800	573,7	199.406	806,7	239.288	968,0
M 24	3	61.248	272,1	76.560	340,1	122.497	544,2	163.329	725,6	229.681	1.020,3	275.617	1.224,4
M 27	3	80.670	399,9	100.837	499,9	161.339	799,9	215.119	1.066,5	302.512	1.499,7	363.014	1.799,7
M 30	3,5	98.027	541,7	122.533	677,2	196.054	1.083,4	261.405	1.444,6	367.600	2.031,5	441.120	2.437,7
M 33	3,5	122.241	738,5	152.801	923,2	244.482	1.477,1	325.976	1.969,4	458.404	2.769,5	550.084	3.323,4
M 36	4	143.413	948,0	179.266	1.185,0	286.826	1.896,0	382.434	2.528,0	537.798	3.555,0	645.358	4.265,9
M 39	4	172.420	1.229	215.525	1.536	344.839	2.457	459.786	3.276	646.574	4.607	775.888	5.529
M 42	4,5	197.407	1.519	246.758	1.899	394.813	3.038	526.417	4.050	740.275	5.696	888.329	6.835
M 45	4,5	231.206	1.898	289.007	2.373	462.412	3.796	616.549	5.062	867.022	7.118	1.040.426	8.541
M 48	5	260.008	2.282	325.010	2.853	520.015	4.565	693.354	6.086	975.029	8.559	1.170.035	10.211
M 52	5	312.056	2.954	390.070	3.692	624.112	5.907	832.149	7.876	1.170.209	11.076	1.404.251	13.292
M 56	5,5	359.843	3.672	449.804	4.591	719.686	7.345	959.581	9.793	1.349.411	13.772	1.619.293	16.526
M 60	5,5	420.651	4.582	525.813	5.728	841.301	9.164	1.121.735	12.219	1.577.440	17.183	1.892.928	20.619
M 64	6	475.860	5.536	594.825	6.920	951.720	11.071	1.268.960	14.762	1.784.476	20.759	2.141.371	24.911
M 68	6	545.427	6.720	681.784	8.400	1.090.855	13.440	1.454.473	17.919	2.045.353	25.199	2.454.423	30.239

Shank screws with metric ISO-fine-pitch thread in accordance with DIN 13 Part 12 (selection)

M 8	1	6.805	10,08	8.507	12,60	13.611	20,15	18.148	26,87	25.520	37,79	30.624	45,35
M 10	1	11.418	20,83	14.272	26,04	22.835	41,66	30.447	55,55	42.816	78,11	51.379	93,73
M 12	1,5	15.312	34,01	19.140	42,51	30.624	68,02	40.832	90,69	57.420	127,54	68.904	153,05
M 14	1,5	21.934	56,25	27.418	70,32	43.868	112,51	58.491	150,01	82.253	210,96	98.703	253,15
M 16	1,5	29.741	86,50	37.177	108,12	59.483	172,99	79.310	230,66	111.530	324,36	133.836	389,23
M 18	1,5	38.733	125,95	48.417	157,44	77.467	251,91	103.289	335,88	145.250	472,33	174.300	566,80
M 20	1,5	48.910	175,9	61.138	219,8	97.82							

Friction value μ_{ges} 0,16
Shank screws with metric ISO medium threads in accordance with DIN 13 Part 12 (selection)

μ_{ges} 0,16	P mm	4.6		5.6		6.8		8.8		10.9		12.9	
		Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m	Fsp N	M _A N-m
M 2	0,4	324	0,140	405	0,175	647	0,280	863	0,373	1.214	0,525	1.456	0,630
M 2,5	0,45	539	0,289	674	0,361	1.079	0,578	1.439	0,770	2.023	1,083	2.428	1,300
M 3	0,5	810	0,517	1.013	0,647	1.620	1,035	2.161	1,380	3.038	1,940	3.646	2,328
M 3,5	0,6	1.086	0,811	1.358	1,014	2.173	1,622	2.897	2,163	4.074	3,042	4.889	3,650
M 4	0,7	1.403	1,199	1.754	1,499	2.806	2,398	3.742	3,198	5.262	4,497	6.314	5,396
M 4,5	0,75	1.823	1,746	2.279	2,182	3.646	3,492	4.861	4,656	6.836	6,547	8.204	7,857
M 5	0,8	2.298	2,438	2.872	3,047	4.596	4,875	6.127	6,500	8.617	9,141	10.340	10,969
M 6	1	3.241	4,139	4.051	5,173	6.482	8,277	8.643	11,036	12.154	15,520	14.584	18,623
M 8	1,25	5.951	10,083	7.438	12,603	11.901	20,165	15.868	26,887	22.315	37,809	26.778	45,371
M 10	1,5	9.477	20,01	11.847	25,02	18.955	40,03	25.273	53,37	35.540	75,05	42.648	90,06
M 12	1,75	13.821	34,96	17.277	43,69	27.642	69,91	36.857	93,22	51.830	131,08	62.195	157,30
M 14	2	18.982	55,93	23.728	69,91	37.964	111,86	50.619	149,15	71.183	209,74	85.419	251,69
M 16	2	26.145	87,30	32.682	109,13	52.291	174,61	69.721	232,81	98.045	327,39	117.654	392,87
M 18	2,5	31.755	120,08	39.694	150,10	63.510	240,15	84.680	320,20	119.081	450,29	142.897	540,34
M 20	2,5	40.852	170,52	51.065	213,14	81.704	341,03	108.939	454,71	153.195	639,43	183.834	767,32
M 22	2,5	51.093	233,3	63.867	291,7	102.187	466,6	136.249	622,2	191.600	875,0	229.921	1.050,0
M 24	3	58.827	294,7	73.534	368,3	117.654	589,3	156.872	785,7	220.601	1.104,9	264.721	1.325,9
M 27	3	77.519	433,9	96.899	542,4	155.038	867,9	206.717	1.157,2	290.696	1.627,2	348.835	1.952,7
M 30	3,5	94.179	587,3	117.724	734,2	188.358	1.174,6	251.144	1.566,2	353.172	2.202,5	423.806	2.642,9
M 33	3,5	117.488	801,9	146.860	1.002,3	234.977	1.603,8	313.302	2.138,3	440.581	3.007,0	528.697	3.608,5
M 36	4	137.811	1.028,6	172.264	1.285,7	275.623	2.057,2	367.497	2.742,9	516.793	3.857,2	620.152	4.628,6
M 39	4	165.738	1.335	207.172	1.668	331.475	2.669	441.967	3.559	621.516	5.005	745.819	6.006
M 42	4,5	189.724	1.649	237.155	2.061	379.448	3.298	505.930	4.397	711.465	6.183	853.758	7.420
M 45	4,5	222.267	2.063	277.834	2.578	444.534	4.125	592.712	5.500	833.501	7.735	1.000.201	9.282
M 48	5	249.916	2.479	312.395	3.099	499.833	4.958	666.444	6.610	937.186	9.296	1.124.624	11.155
M 52	5	300.035	3.212	375.043	4.014	600.069	6.423	800.093	8.564	1.125.130	12.043	1.350.156	14.452
M 56	5,5	345.954	3.992	432.442	4.990	691.908	7.984	922.544	10.645	1.297.327	14.969	1.556.793	17.963
M 60	5,5	404.516	4.985	505.645	6.232	809.031	9.970	1.078.709	13.294	1.516.934	18.695	1.820.321	22.433
M 64	6	457.571	6.021	571.964	7.526	915.142	12.042	1.220.189	16.056	1.715.891	22.579	2.059.069	27.095
M 68	6	524.576	7.315	655.720	9.143	1.049.152	14.629	1.398.869	19.506	1.967.160	27.430	2.360.592	32.916

Shank screws with metric ISO-fine-pitch thread in accordance with DIN 13 Part 12 (selection)

M 8	1	6.536	10,91	8.170	13,64	13.073	21,83	17.430	29,10	24.511	40,92	29.413	49,11
M 10	1	10.976	22,64	13.720	28,29	21.952	45,27	29.270	60,36	41.161	84,88	49.393	101,86
M 12	1,5	14.707	36,83	18.383	46,04	29.413	73,66	39.218	98,22	55.150	138,12	66.180	165,74
M 14	1,5	21.080	61,07	26.351	76,34	42.161	122,14	56.214	162,86	79.052	229,02	94.862	274,82
M 16	1,5	28.598	94,08	35.748	117,60	57.196	188,16	76.262	250,88	107.243	352,80	128.692	423,35
M 18	1,5	37.260	137,20	46.575	171,50	74.519	274,40	99.359	365,87	139.724	514,51	167.669	617,41
M 20	1,5	47.065	191,8	58.831	239,7	94.130	383,6	125.506	511,4	176.494	719,2	211.792	863,0
M 22	1,5	58.014	259,2	72.517	324,0	116.027	518,4	154.703	691,2	217.551	971,9	261.062	1.166,3
M 24	1,5	70.106	340,7	87.632	425,9	140.212	681,5	186.949	908,6	262.897	1.277,7	315.477	1.533,3

Specifications given without warranty.

LEGEND

- μ_{ges} = Average friction value for thread and underhead seat
- P = Pitch of the thread
- F_{sp} = Axial pre-tension force in the screw for 90 % utilisation of the screw yield point (determined in accordance with the shape-changing-energy hypothesis)
- M_A = Tightening torque during installation

Important remarks:

Please make sure to read our information relating to the guideline values of the thread friction values on page 416. Taking into consideration the friction values, the above-specified table values only apply for headless screws (expanding screws generally require lower tightening values). The effective friction diameter in the screw underhead seat was defined as 1.3 x external thread diameter. For this reason, it is only possible to use them in the case of normal shank screws, generally hexagon-headed and cylindrical-head screws (e.g. DIN EN ISO 4014, 4017, 4764, DIN 7984). When screws of high strengths (8.8 to 12.9) and tensed parts made of „soft“ construction materials are used, a verification of the interfacial pressure under the screw head is strongly recommended.





The properties of screws and nuts are described with the aid of strength classes.

This is shown in the table below on the basis of 10 strength classes for which the properties such as tensile strength, hardness, yield point, elongation after fracture etc. are shown.

Section ISO 898-1	Mechanical and physical properties	Strength class											
		3.6	4.6	4.8	5.6	5.8	6.8	8.8 d ≤ 16 mm	8.8 d > 16 mm	9.8	10.9	12.9	
5.1	Norm, tensile strength Rm, nominal	N/mm ²	300	400	400	500	500	600	800	800	900	1000	1200
5.2	Norm, tensile strength Rm, min. 4, 5	N/mm ²	330	400	420	500	520	600	800	830	900	1040	1220
5.3	Vickers hardness HV F ≥ 98 N	min.	95	120	130	155	160	190	250	255	290	320	385
		max.	220 6	220 6	220 6	220 6	220 6	250	320	335	360	380	435
5.4	Brinell hardness HB F = 30 D ²	min.	90	114	124	147	152	181	238	242	276	304	366
		max.			209 6			238	304	318	342	361	414
5.5	Rockwell hardness HR	min.	HRB	52	67	71	79	82	89	–	–	–	–
		min.	HRC	–	–	–	–	–	–	22	23	28	32
		max.	HRB	95,0 6	95,0 6	95,0 6	95,0 6	95,0 6	99,5	–	–	–	–
		max.	HRC	–	–	–	–	–	–	32	34	37	39
5.6	Surface hardness HV 0,3	max.	–	–	–	–	–	–	–	–	–	7	
5.7	Lower yield point Rel 8 in N/mm ²	Nominal value	180	240	320	300	400	480	–	–	–	–	–
		min.	190	240	340	300	420	480	–	–	–	–	–
5.8	0,2%-yield strength Rp0,2 9 in N/mm ² raised	Nominal value	–	–	–	–	–	–	640	640	720	900	1080
		min.	–	–	–	–	–	–	640	660	720	940	1100
5.9	Wind-up force under test force	Sp/ReL	0,94	0,94	0,91	0,93	0,90	0,92	0,91	0,91	0,90	0,88	0,88
		Sp/Rp0,2 Sp	180	225	310	280	380	440	580	600	650	830	970
5.10	Fracture torque Mb	N·m min.	–	–	–	–	–	–	see ISO 898-7				
5.11	Elongation after fracture A in	% min.	25	22	–	20	–	–	12	12	10	9	8
5.12	Fracture construction Z	% min.	–	–	–	–	–	–	52	52	48	48	44
5.13	Strength under diagonal pull strain 5		The values under diagonal pull strain for whole screws (not pin screws) must not fall below the minimum tensile strengths stated in Section.										
5.14	Notched bar impact KU	J min.	–	–	–	25	–	–	30	30	25	20	15
5.15	Notched impact strength		No fracture										
5.16	Minimum height of the non-decarbonised thread zone E Maximum depth of decarburisation G	mm	–	–	–	–	–	–	1/2 H _t	1/2 H _t	1/2 H _t	2/3 H _t	3/4 H _t
		mm	–	–	–	–	–	–	0,015	0,015	0,015	0,015	0,015
5.17	Hardness after tempering		–	–	–	–	–	–	Hardness drop max. 20 HV				
5.18	Surface condition		in accordance with ISO 6157-1 or ISO 6157-3, where applicable										

- 1 In the case of screws of the strength class 8.8 having a thread diameter $d \leq 16$ mm, an increased danger of scraping exists for nuts if the screw connection is tightened with a force exceeding the test force of the screw. It is recommended to comply with the standard ISO 898-2.
- 2 The strength class 9.8 only applies for nominal thread diameters ≤ 16 mm.
- 3 For steel screws, the limit is 12 mm.
- 4 The minimum tensile strengths apply for screws with nominal lengths $l \geq 2.5 d$. The minimum hardness values apply for screws with nominal length $l < 2.5 d$ and for those products which cannot be tested in a tensile test (e.g. on account of their head shape).
- 5 For tests on full screws, the fracture forces used to calculate Rm must concur with the properties of the screws at higher temperature.
- 6 A hardness value at the end of the screw is permitted to be 250 HV, 238 HB or 99,5 HRB at most.
- 7 The surface hardness on the relevant product must not exceed 30 Vickers points of the measured core hardness if both the surface hardness and the core hardness are determined with HV 0.3. For the strength class 10.9, a surface hardness of 390 HV must not be exceeded.
- 8 If the lower yield point ReL cannot be determined, the 0.2 % yield strength Rp0,2, lower, applies. For the strength classes 4.8, 5.8 and 6.8, the values for ReL are only specified as a calculation basis – they are not tested.
- 9 The yield point ratio corresponding to the description of the strength class and the minimum wind-up force on the 0.2 % yield strength Rp0,2 both apply for machine-processed test pieces. When full screws are tested, these values vary on account of the effects of the manufacturing process and the size factors.

Excerpt from EN ISO 898-1

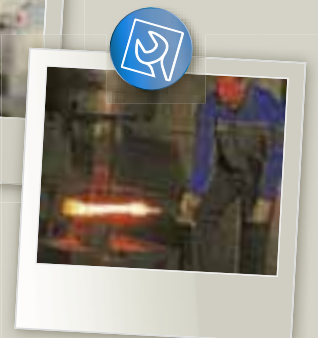
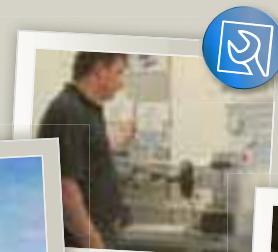
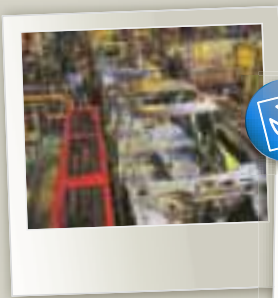


Lorry (in the case of aluminium wheel rims, comply with the manufacturer's specifications!)

Vehicle manufacturer	Thread	Tightening value N-m Pin centring	Tightening value N-m Middle centring	
DAF	Sherpa 1,7-2,5; 400/500 Turbo F1100-F95	90		
		176 - 203		
		216 - 270	290 - 360	
	F45	M 18 x 1,5	297 - 351	410 - 510
		M 20 x 1,5		540 - 670
		M 22 x 2	378 - 459	
		M 18 x 1,5		340 - 400
F45	M 20 x 1,5		450 - 520	
F55	M 20 x 1,5		450 - 520	
F65CF, F75CF, F85CF, F95CF	M 22 x 1,5	700 ± 21	700 ± 21	
FAUN	M 18 x 1,5	290 - 320		
	M 20 x 1,5	370 - 400		
	M 22 x 1,5	430 - 460		
FIAT	Transporter	M 20 x 1,5	450	
		M 22 x 1,5	550	
FORD		7/8" BSF	575 (SMMT-wheel)	
		M 22 x 1,5	575 without R. rear axle [R = Rockwell]	
		M 22 x 1,5	575 with R. rear axle, 10 bolts	
			465 with R. rear axle, 8 bolts 380 with R. rear axle, 6 bolts	
IVECO MAGIRUS	65-75E, Euro Cargo	M 18 x 1,5	335 - 410	
	80-100E, 120-130E	M 20 x 1,5	440 - 540	
	Euro-Tech, -Star, -Trakker		M 22 x 1,5	
KÄSSBOHRER/ SETRA		M 18 x 1,5	300	
		M 20 x 1,5	400	
		M 22 x 1,5	600	
MAN		M 18 x 1,5	370 - 410	
		M 20 x 1,5	370 - 410	
		M 22 x 1,5	450 - 500	
			550 - 600	
MAZDA	E2000, 2200	M 12 x 1,25	90 - 120	
	B2500	M 12 x 1,25	120 - 150	
MERCEDES		M 14 x 1,5	170	
		M 18 x 1,5	250	
		M 20 x 1,5	300	
		M 22 x 1,5	450	
			600	

Vehicle manufacturer	Thread	Tightening value N-m Pin centring	Tightening value N-m Middle centring
MITSUBISHI	L 300 2500 case	M 12 x 1,5	120 - 140
	L 300 1600 case	M 12 x 1,5	120 - 140
	Canter T 35		165 - 225
	Canter T 60		400 - 540
	Canter T 75		370 - 410
NEOPLAN		M 22 x 1,5	450
		M 20 x 1,5	360
OPEL		7/16"	70
		18 mm	300
		7/8"	380
PEUGEOT	All models		180
RVI/RENAULT	S 100; S 110; S 130		320
	S 150		400
	S 170		500
	Master		160
		M 22 x 1,5	500 ± 50
TATRA			480 ± 80
UNIMOG	407 V 600		290
	417 V 900, 1150; 1250; 227 V 1200		320
	427 V 1400, 1600 2100, 437 V 1700		600
VOLVO	FL 6	M 18 x 1,5	375 ± 65
	FL 6	M 20 x 1,5	525 ± 75
	Other models	M 22 x 1,5	670 ± 30
		7/8" - 14 UNF		670 ± 30
VW	LT 1997, Van Typ 2	M 14 x 1,5	180
	LT 28, 31	M 14 x 1,5	200
	LT 35, 40, 45, 50	M 18 x 1,5	
			110
	Caddy, Pick-up		360
TRAILER		M 14 x 1,5	110 - 120
		M 18 x 1,5	270
		M 20 x 1,5	350
		M 22 x 1,5	450 - 500
			600 - 650

Specifications given without warranty.





Cars (in the case of aluminium wheel rims, comply with the manufacturer's specifications!)

Vehicle manufacturer		Tightening torque value N·m	Vehicle manufacturer		Tightening torque value N·m	Vehicle manufacturer		Tightening torque value N·m	
ALFA ROMEO	Alfa 33	88-108	ISUZU	Trooper (until 92)	80-118	NISSAN	Micra (1992-02)/X-Trail	98-117	
	Alfa 145/146/147/Spider/GTV	83-103		Trooper (from 92)	118		Almera (2002-02)/Maxima (2000-02)/Serena (1996-02)	98-118	
	Alfa 155 (V6)	73-90		Campo (until 97)	78-98		Terrano II/Patrol GR/Pick-Up	118-147	
	Alfa 156	98		Campo (from 98)	82				
	Alfa 164	95-105	JAGUAR	X-Type (2001-02)	68-92	OPEL	Agila	85	
Alfa 166	86	S-Type		128	Frontera-B (1999-02)		120		
		XJ6		65-85	Other models		110		
AUDI	A2/A3/S3/A4/A6/100/A8/S8/TT	120		XJR/XJ12	88-102	PEUGEOT	106/206/Estate	85	
	Audi 80/Coupé/Cabriolet/Audi	200		XJ8/XJ-S	66-82		306	80	
	Audi Quattro	110			307/406/605/607		90		
BMW	3 Serie/5 Serie	90-110	KIA	Pride/Mentor/Sephia/	88-118		806/Expert	100	
	M5	100		Clarus/Carens	88-108	Boxer	160-180		
	Z3	100-110		Besta	90-120				
	X5	140	LADA	Samara/Riva	70-78	PORSCHE	All models	130	
CHRYSLER	Neon (1994-99)/Stratus/	109-150		Niva	88-91		RENAULT	Twingo/Clio/Megane/	90
	Neon (1999-02)/PT Cruiser	115-155	LANCIA	Other models	86	Safrane/Kangoo			
	Voyager (1987-90)/Caravan	129		Dedra/Kappa	98	R5		80	
	Voyager (2001-02)	110-135	LAND ROVER	Freelander	115	Clio Sport/Scenix RX4		105	
	Jeep Wrangler (1993-96)	102		Defender	100-120	Laguna/Espace	100		
	Jeep Wrangler (1996-02)	109-150		Discovery (bis 98)	129	Traffic (2000-02)	142		
	Jeep Cherokee (1997-01)	115-150		Discovery (ab 98)	140	Master	155		
CITROËN	AX10/AX11/AX14/AX GT/AX	90	Range Rover (ab 94)	108	ROVER	Mini Cooper	57		
	GTI/AX Sport/ZK	85	LEXUS	All models		103	25/45/MG	110	
	Saxo/Xsara	90		LOTUS		Elise (lighthweight metal wheel rims)	90	75 Tourer/MG ZT-T	125
	Xantia/XM	90	Elan (lighthweight metal wheel rims)		80-88	SAAB	900 (1993-98)	90-110	
	C5	80-100	Excel (lighthweight metal wheel rims)		88		9000 (1989-97)	105-125	
	C15E	70	Esprit (lighthweight metal wheel rims)		100		9-3	110	
	Berlingo	85	MAZDA	121 (from 1995)	85		9-5	120	
	Dispatch	100		323 (from 1998)	90-117	SEAT	Arosa/Inca	110	
C25	180	626 (from 1997)		80-115	Ibiza/Cordoba		110		
DAEWOO	Matiz	90-110		Xedos 6 (from 1994)/			Toledo (1999-02)/Leon	120	
	Nexia/Lanos/Espero/Nubira	80		MX-6 (from 1994)/			Alhambra	140	
	Leganza	100		MVP (from 1999)	89-117	SKODA	Fabia/Octavia	120	
	Tacuma	108		Xedos 9	88-127		SUBARU	All models	78-98
Musso/Korando/	80-120	MX-5 (from 1998)		90-117	SUZUKI			Alto	70-100
Cuore/Applause/YRV/Move/		Demio		87-117		Swift		80-80	
Grand Move/Terios	88-118	Premacy		80-117		Liana/Ignis/Baleono/Wagon			
Charade/Sirion/Hi-Jet	89-118	Tribute		133		R/Super Carry (1999-02)	85		
Sportrak	90-120	E-Series		90-120	Jimmy/Grand Vitara	95			
FIAT	Other models	86	MERCEDES-BENZ	Other models	110	Vitara	80-100		
	Stilo/Croma/Coupé/	98		S-Class (1998-02)/M-Class	150	TOYOTA	Yaris, Corolla, Carina,		
	Ulysee/Scudo	100		CL (1999-02)	150		Avensis, Camry, MR2, Paseo,	103	
Ducato/Talento	160	V-Class (1995-02)/Vito		175	Celica, Supra, Picnic, Previa,				
Ducato Maxi	180	200GE/230GE		190	RAV4, 4 Runner				
FORD	KA/Mondeo (1996-00)/	85		Sprinter (1995-02)	180 + 20	Landcruiser Colorado/Prado			
	Scorpio/Puma			MB 100D	140	(1996-02)	110		
	Fiesta (1990-93)	70-100	508D/510	160-180	Landcruiser Amazon (1998-02)	209			
	Fiesta (1994-02)/	85	814 DA	250	Hi-Ace Power Van (1996-02)	102			
	Focus (1998-02)		MINI	Mini One/Mini Cooper	90-110	VOLKS-WAGEN	Lupo, Caddy, Golf, Polo	110	
	Escort/Estate (1995-00)/Sierra	100		MITSUBISHI	Colt/Lancer (1996-02)/			Passat (1996-02), Beetle	120
	Probe	88-117			Galant (1997-02)		98	Sharan (2001-02)	170
	Cougar	128			Carisma		98-117	Transporter (1996-02),	180
	Galaxy (2001-02)	170	Eclipse (1996-02)		117-137	LT (1996-02)			
	Maverick (2001-02)	133	3000 GT (1993-01)/L200	120-140	VOLVO	S40/V40 (1998-02), S70/V70	110		
	Explorer	135	Space Star	98-117		(1997-00), C70	140		
Transit 80/100 (1991-00)	75-95	Space Runner (1998-02)	98	S60 (2002-02), V70 (2000-02),					
Transit 130 (außer 1995)/150	155-180 (175)	Space Wagon (1998-02)	98	S80					
Transit (2002-02)	200	Shogun Pinin	98						
HONDA	All models	108-110	Shogun Pajero	100-120					
	HYUNDAI	Other models	90-110						
Pony (bis 90)/Stellar/		70-80							
S Coupé (90-92)		88-108							
H1/H200		120-140							

10 N·m ≈ 1 kp·m

Specifications given without warranty.

Mounting wheels:

Using a torque wrench, lighten the wheel nuts and screws uniformly over the cross up to the specified torque. Without fail, check the torque following a travelling distance of approx. 50 km after the wheel is mounted and at regular intervals. If a wheel-specific general operating licence is the case, it must comply with the tightening torque specified here.

Use regulation-compliant wheel attachment elements

(Do not mix up spherical and conical, different lengths, parts for steel and lightweight-metal wheels etc.! Ensure sound strength quality!) Replace difficult-to-manipulate or corroded screws and nuts! Exercise caution with lubricants!





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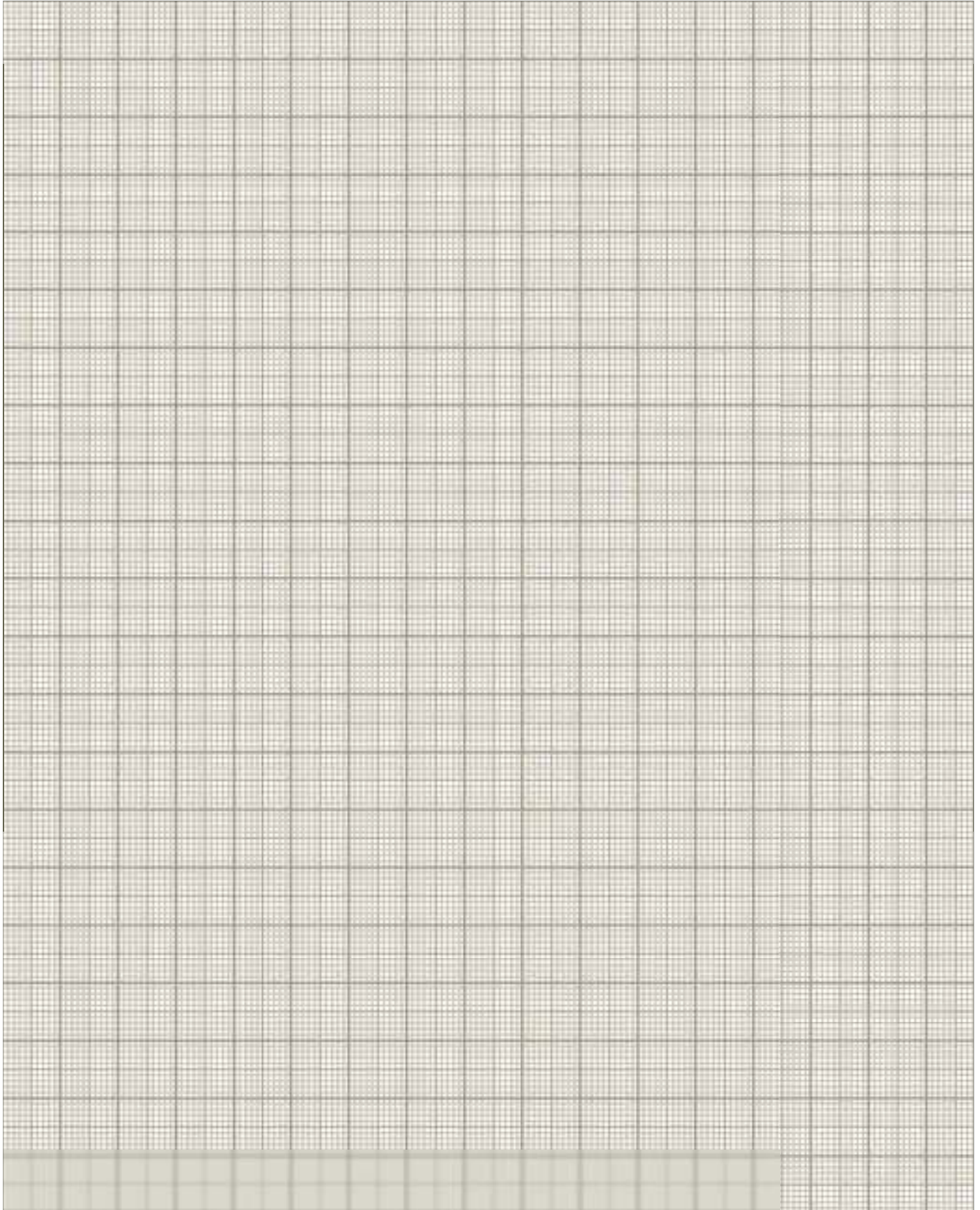
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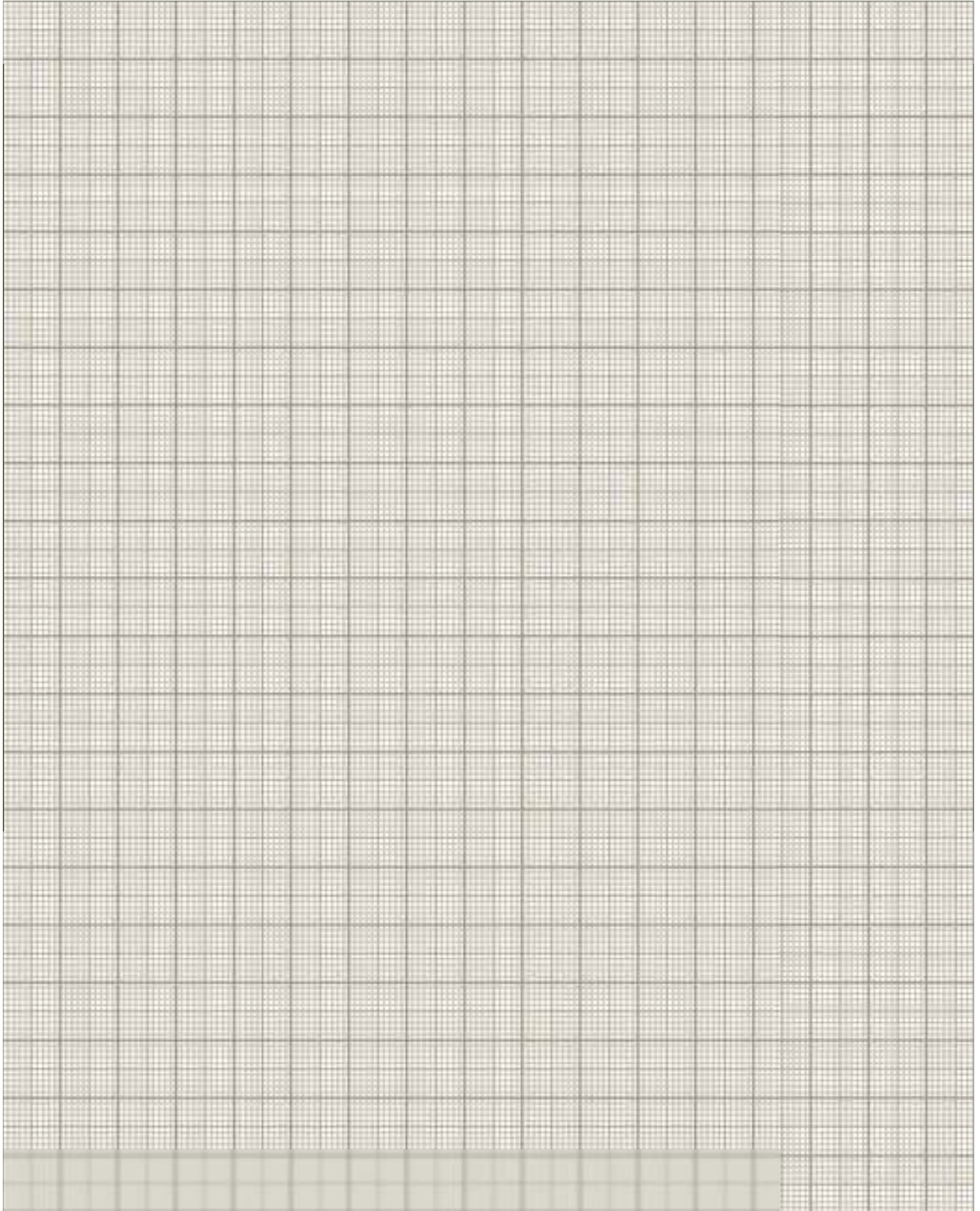


NOTES

A large rectangular area filled with a fine grid pattern, intended for taking notes. The grid consists of small squares, with a slightly larger square in the bottom right corner.



NOTES



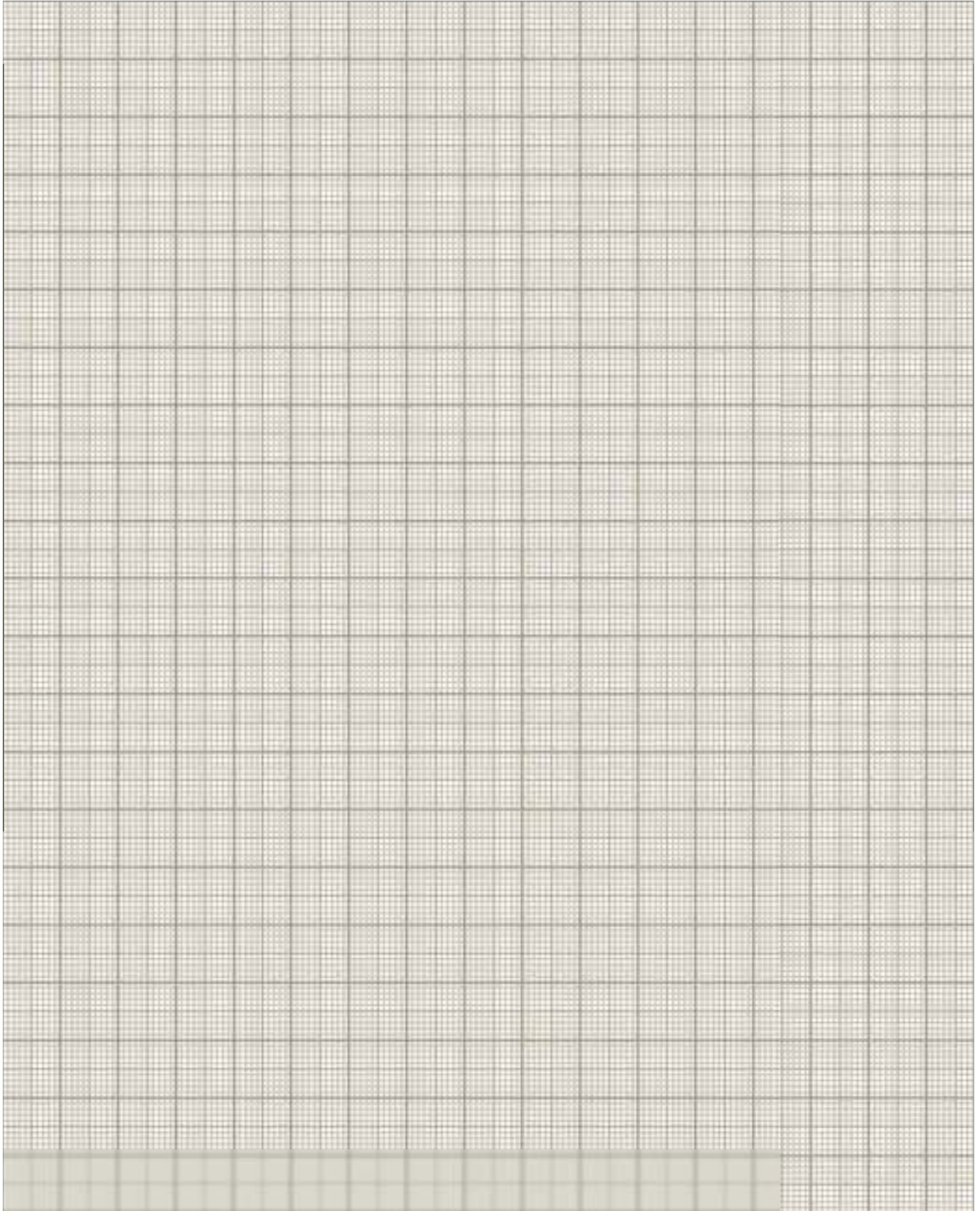


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NOTES





NOTES

A large rectangular area filled with a fine grid pattern, intended for taking notes. The grid consists of small squares, with a slightly larger square in the bottom right corner.

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