

**GEDORE**  
TOOLS FOR LIFE

2021 | EN



# COMPENDIUM

PREMIUM TOOLS SINCE 1919



[gedore.com](http://gedore.com)



4

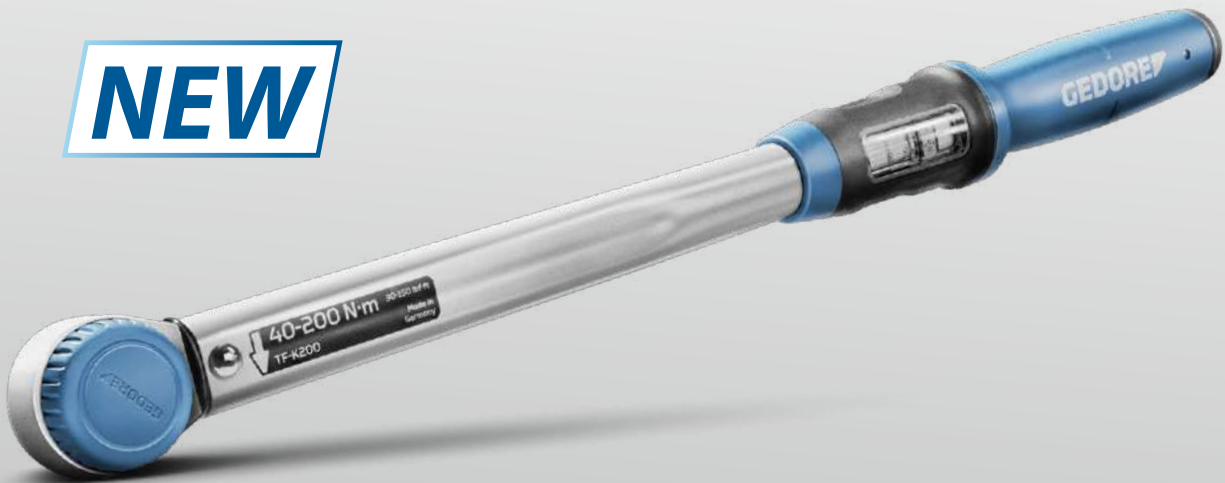
WORKSHOP EQUIPMENT



42

TOOL ASSORTMENTS

**NEW**



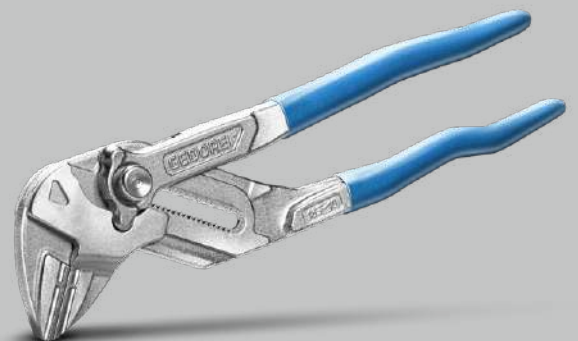
180

TORQUE TOOLS



76

SPANNERS



248

PLIERS





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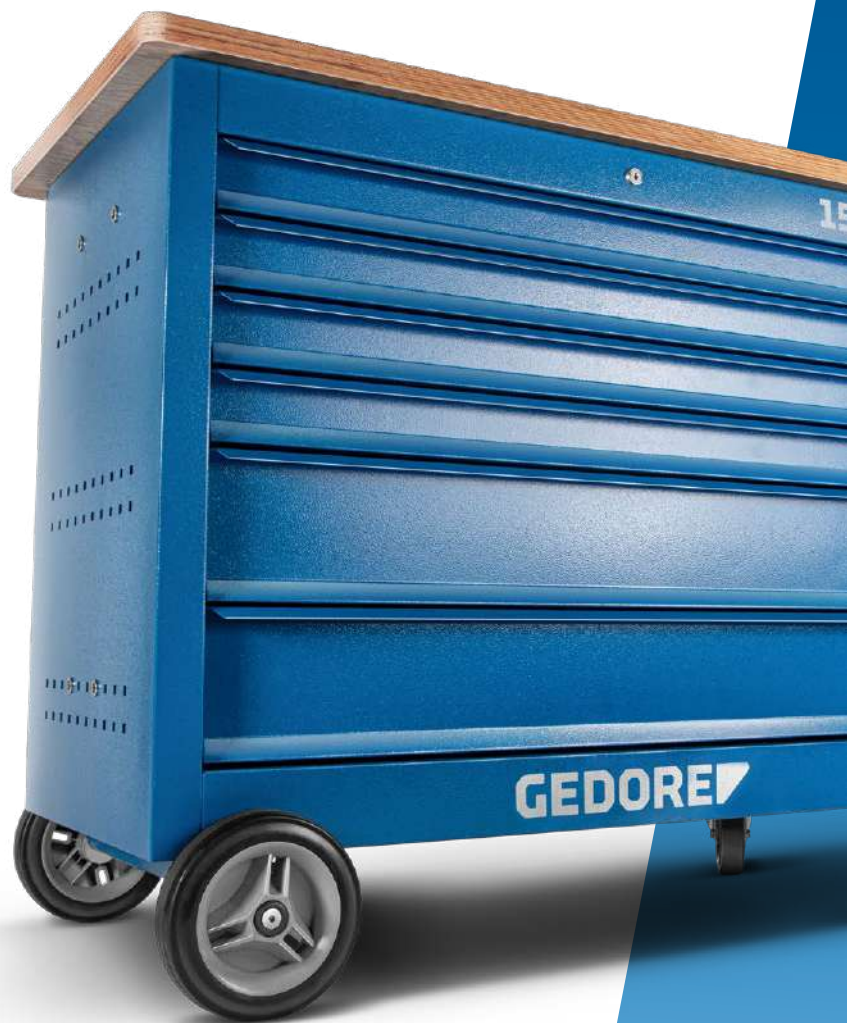
# WORKSHOP EQUIPMENT

Mobile or stationary: tool trolleys and workbenches from GEDORE are real organisational talents and mobile workplaces at the same time. They therefore prove to be indispensable helpers in workshops and industrial sites.

GEDORE has been developing and manufacturing tool trolleys and rolling workbenches since 1954. The early Inspector and Adjutant models are still classics today.

With technical evolution, GEDORE has constantly developed the features further. Robust and stable bodies made from particularly thick steel sheet, scratch-resistant powder coating, precision ball bearings for fixed and swivel castors and the special GEDORE high-performance chassis make the workshop assistants so special.

Everyday work is becoming increasingly systematised. Models with different drawer widths and depths, storage compartments and optionally available rear panels allow flexibility and speed. All tool trolleys and benches are compatible with GEDORE CT inserts and can be individually or modularly equipped.



## MAXIMUM WORK ORGANISATION

- 5 different drawer sizes
- Full compatibility with GEDORE tool modules
- Extensions with add-on chests, tool boards, hooks and drawer dividers







# DURABLE MANOEUVRABLE

## PERFECT IN FORM AND FUNCTION

- Wheels mounted on the outside for more stability
- Extremely robust, scratch and impact resistant and corrosion-resistant due to powder coating
- Extra-thick sheet steel and spot-welded components make for a heavy-duty body
- Special GEDORE chassis prevents damage to the axle and guarantees reliable running of the wheels



## INDIVIDUAL LOCKING SYSTEM

- Prevents unwanted opening, when being moved
- Easy release of the lock via tilt bar
- Automatically engages when closed



## CENTRAL LOCKING SYSTEM

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

## SMOOTH-RUNNING AND HIGH PERFORMANCE WHEELS

- Easy steering even when loaded
- Tyres made of special solid rubber
- roller bearings
- Abrasion resistant



2005  
Tool trolley



- > Dimensions: H 812 x W 771 x D 478 mm
- > Tough ABS worktop, with 3 compartments for small parts
- > Side walls with Euro perforation 10 x 38 mm
- > Added safety due to heel protection and edge protection
- > Central locking with cylinder lock
- > Wide drawers (W 640 x D 400 mm) fully extendable, removable

- > Each drawer with safety locking, single-hand operation
- > Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- > Total load capacity 500 kg
- > Special colours and designs available on request

| Code    | No.       | Configuration  | H   | W   | D   | LD  | CD | Weight |
|---------|-----------|--|-----|-----|-----|-----|----|--------|
| 1803018 | 2005 0511 | 5x Type 1, H = 67 mm, 1x Type 2, H = 137 mm, 1x Type 3, H = 207 mm | 985 | 875 | 606 | 10x | 2x | 83     |
| 2003546 | 2005 0321 | 3x Type 1, H = 67 mm, 2x Type 2, H = 137 mm, 1x Type 3, H = 207 mm | 985 | 875 | 606 | 6x  | 2x | 89     |
| 2003554 | 2005 0701 | 7x Type 1, H = 67 mm, 1x Type 3, H = 207 mm                        | 985 | 875 | 606 | 10x | 2x | 87     |
| 2003562 | 2005 0810 | 8x Type 1, H = 67 mm, 1x Type 2, H = 137 mm                        | 985 | 875 | 606 | 15x | 3x | 93     |

2005 0511 E  
Tool trolley with safe locking drawers



- > Dimensions: H 812 x W 771 x D 478 mm
- > Overall dimensions (incl. fixed castors and handle): H 985 x W 864 x D 606 mm
- > Tough ABS, worktop with 3 compartments for small parts
- > Side walls with Euro perforation 10 x 38 mm
- > Added safety due to heel protection and edge protection
- > Single pull-out lock prevents opening of more than one drawer

- > Central locking with cylinder lock
- > Wide drawers (W 640 x D 400 mm) fully extendable, removable
- > Each drawer has safety locking, easy single-hand operation
- > Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- > Total load capacity 500 kg
- > Special colours and design finishes available on request

| Code    | No.         | Configuration  | H   | W   | D   | LD  | CD | Weight |
|---------|-------------|--|-----|-----|-----|-----|----|--------|
| 2827379 | 2005 0511 E | 5x Type 1, H = 67 mm, 1x Type 2, H = 137 mm, 1x Type 3, H = 207 mm | 985 | 875 | 606 | 10x | 2x | 84     |

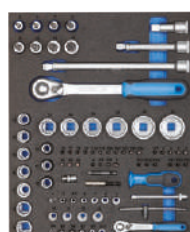
2005-TS-147  
Tool trolley with tool assortment  
147 pieces



- > Metric tool sizes
- > CT(Check Tool) bicolor foam tool modules

- > In tool trolley No. 2005 0511

| Code    | No.         | Contents   | H   | W   | D   | Weight |
|---------|-------------|--|-----|-----|-----|--------|
| 2980282 | 2005-TS-147 | 1/4"+1/2" socket key assortment in CT module No. TS CT2-D19-D20, 81 pcs<br>Combination spanner set in CT module No. TS CT2-7, 24 pcs<br>Tool assortment in CT module No. TS CT2-2154SK-119, 14 pcs<br>Pliers set in CT module No. TS CT2-142, 28 pcs<br>+ trolley with 7 drawers No. 2005 0511 | 985 | 775 | 475 | 104,3  |



TS CT2-D19-D20



TS CT2-7



TS CT2-2154SK-119

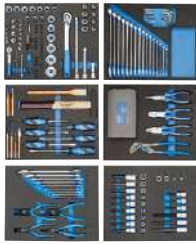


TS CT2-142



**2005-TS-190**

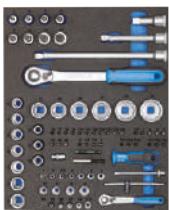
Tool trolley with tool assortment  
190 pieces



- > Tools in metric sizes
- > CT(Check Tool) bicolor foam tool modules

> In tool trolley No. 2005 0511

| Code    | No.         | Contents   | H   | W   | D   |       |
|---------|-------------|--|-----|-----|-----|-------|
| 2980290 | 2005-TS-190 | 1/4"+1/2" socket wrench assortment in CT module No. TS CT2-D19-D20, 81 pcs<br>Combination wrench set in CT module No. TS CT2-7, 24 pcs<br>Tool assortment in CT module No. TS CT2-2154SK-119, 14 pcs.<br>Pliers assortment in CT module No. TS CT2-142, 28 pcs.<br>Tool assortment in 2/4 CT module No. TS CT2-6-8000, 15 pcs.<br>1/2" set of screwdriver sockets in 2/4 CT module No. TS CT2-ITX19, 28 pcs<br>+ Tool trolley with 7 drawers No. 2005 0511 | 985 | 775 | 475 | 109,6 |



TS CT2-D19-D20



TS CT2-7



TS CT2-2154SK-119



TS CT2-142



TS CT2-6-8000



TS CT2-ITX19

**2005-TS-308**

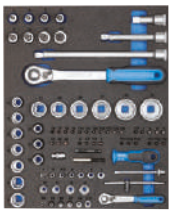
Tool trolley with tool assortment  
308 pieces



- > Tools in metric sizes
- > CT(Check Tool) bicolor foam tool modules

> In tool trolley No. 2005 0511

| Code    | No.         | Contents   | H   | W   | D   |       |
|---------|-------------|--|-----|-----|-----|-------|
| 2980304 | 2005-TS-308 | 1/4"+1/2" socket wrench assortment in CT module No. TS CT2-D19-D20, 81 pcs<br>Combination wrench set in CT module No. TS CT2-7, 24 pcs<br>Tool assortment in CT module No. TS CT2-2154SK-119, 14 pcs.<br>Pliers assortment in CT module No. TS CT2-142, 28 pcs.<br>Tool assortment in 2/4 CT module No. TS CT2-6-8000, 15 pcs.<br>1/2" set of screwdriver sockets in 2/4 CT module No. TS CT2-ITX19, 28 pcs<br>Tool assortment in 2/4 CT module No. TS CT2-2133-2163TX, 13 pcs<br>Wrench set in 2/4 CT module No. TS CT2-7R-2, 28 pcs<br>Tool assortment in 2/4 CT module No. TS CT2-D30, 59 pcs<br>Tool assortment in 2/4 CT module No. TS CT2-710, 17 pcs<br>Hacksaw No. 407 + Tool trolley with 7 drawers No. 2005 0511 | 985 | 775 | 475 | 121,6 |



TS CT2-D19-D20



TS CT2-7



TS CT2-2154SK-119



TS CT2-142



TS CT2-6-8000



TS CT2-ITX19



TS CT2-2133-2163TX



TS CT2-7R-2



TS CT2-D30



TS CT2-710



407

**2004**  
Tool trolley



- > Dimensions: H 812 x W 771 x D 478 mm
- > Tough ABS worktop, with 3 compartments for small parts
- > Storage compartment with perforated sheet (Euro perforation 10 x 38 mm), two removable drawers for small parts and door on the handle side
- > Front face with Euro perforation 10 x 38 mm
- > Added safety due to heel protection and edge protection

- > Central locking with cylinder lock
- > Wide drawers (W 480 x D 400 mm) fully extendable, removable
- > Each drawer and storage compartment with safety locking, single-hand operation
- > Total load capacity 500 kg

| Code    | No.       | Configuration  | H   | W   | D   | LD  | CD | Weight |
|---------|-----------|--|-----|-----|-----|-----|----|--------|
| 1640704 | 2004 0810 | 8x Type 1, H = 67 mm, 1x Type 2, H = 137 mm                        | 985 | 875 | 606 | 15x | 3x | 95     |
| 1640712 | 2004 0701 | 7x Type 1, H = 67 mm, 1x Type 3, H = 207 mm                        | 985 | 875 | 606 | 10x | 2x | 90     |
| 1640720 | 2004 0620 | 6x Type 1, H = 67 mm, 2x Type 2, H = 137 mm                        | 985 | 875 | 606 | 10x | 2x | 88     |
| 1640739 | 2004 0511 | 5x Typ 1, H = 67 mm, 1x Typ 2, H = 137 mm, 1x Typ 3, H = 207 mm    | 985 | 875 | 606 | 10x | 2x | 85     |
| 1640755 | 2004 0321 | 3x Type 1, H = 67 mm, 2x Type 2, H = 137 mm, 1x Type 3, H = 207 mm | 985 | 875 | 606 | 6x  | 2x | 82     |

**2004 0511 E**  
Tool trolley with safe locking drawers



- > Dimensions: H 812 x W 771 x D 478 mm
- > Tough ABS worktop, with 3 compartments for small parts
- > Storage compartment with perforated sheet lining (Euro hole 10 x 38 mm), two removable small part drawers and door on the handle side
- > Front face with Euro hole 10 x 38 mm
- > Added safety due to heel protection and edge protection

- > Single pull-out lock prevents opening of more than one drawer
- > Central locking with cylinder lock
- > Wide drawers (W 480 x D 400 mm) fully extendable, removable
- > Each drawer and storage compartment with safety locking, single-hand operation
- > Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- > Total load capacity 500 kg

| Code    | No.         | Configuration  | H   | W   | D   | LD  | CD | Weight |
|---------|-------------|--|-----|-----|-----|-----|----|--------|
| 2827360 | 2004 0511 E | 5x Type 1, H = 67 mm, 1x Type 2, H = 137 mm, 1x Type 3, H = 207 mm | 985 | 875 | 606 | 10x | 2x | 84     |

**WSL-M6**  
Tool trolley workster smartline with 6 drawers



- > Dimensions: H 903x B 629x D 510 mm
- > Worktop with PP plastic cover with front slit and non-slip protective edge
- > Front face with Euro hole 10 x 38 mm
- > Sides rounded off – a minimum of abutting edges
- > Individual drawer stopping stops more than one drawer being opened, one-handed operation
- > Central locking with cylinder lock

- > 6 wide drawers (W 480 x D 400 mm) fully extending
- > Load capacity per drawer 20 kg
- > Total load capacity 300 kg

| Code    | No.    | Configuration                               | H   | W   | D   | Weight |
|---------|--------|---|-----|-----|-----|--------|
| 3100707 | WSL-M6 | 5x Type 1, H = 80 mm, 1x Type 2, H = 160 mm | 903 | 629 | 510 | 48     |



### WSL-L7

Tool trolley workster smartline with 7 drawers



- > Dimensions: H 1045 x W 785 x D 510 mm
- > Worktop with PP plastic cover with front slit and non-slip protective edge, as well as additional small compartments
- > Front face with Euro hole 10 x 38 mm
- > Sides rounded off – a minimum of abutting edges
- > Individual drawer stopping stops more than one drawer being opened, one-handed operation
- > Central locking with cylinder lock
- > 7 wide drawers (W 640x D 400 mm) fully extending
- > Load capacity per drawer 20 kg
- > Total load capacity 400 kg

| Code    | No.    |   | H     | W   | D   |    |
|---------|--------|---|-------|-----|-----|----|
| 2977311 | WSL-L7 | 5x Type 1, H = 80 mm, 2x Type 2, H = 162,5 mm | 1.045 | 785 | 510 | 85 |

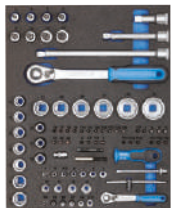
### WSL-L-TS-147

Tool trolley workster smartline with 147-piece tool assortment



- > Tools in metric sizes
- > CT(Check Tool) bicolor foam tool modules

| Code    | No.          | Contents  | H     | W   | D   |    |
|---------|--------------|---|-------|-----|-----|----|
| 2980312 | WSL-L-TS-147 | 1/4"+1/2" socket range in CT module no. TS CT2-D19-D20, 81 pcs.<br>Combination spanner set in CT module no. TS CT2-7, 24 pcs.<br>Tool assortment in CT module no. TS CT2-2154SK-119, 14 pcs.<br>Pliers range in CT module no. TS CT2-142, 28 pcs.<br>+ Tool trolley workster smartline no. WSL-L7 | 1.045 | 785 | 510 | 97 |



TS CT2-D19-D20



TS CT2-7



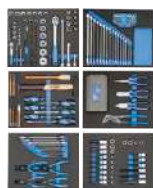
TS CT2-2154SK-119



TS CT2-142

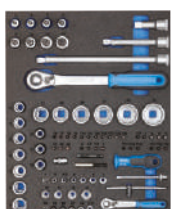
### WSL-L-TS-190

Tool trolley workster smartline 190 pieces



- > Tools in metric sizes
- > CT(Check Tool) bicolor foam tool modules

| Code    | No.          | Contents  | H     | W   | D   |      |
|---------|--------------|---|-------|-----|-----|------|
| 2980320 | WSL-L-TS-190 | 1/4"+1/2" socket wrench assortment in CT module No. TS CT2-D19-D20, 81 pcs<br>Combination wrench set in CT module No. TS CT2-7, 24 pcs<br>Tool assortment in CT module No. TS CT2-2154SK-119, 14 pcs.<br>Pliers assortment in CT module No. TS CT2-142, 28 pcs.<br>Tool assortment in 2/4 CT module No. TS CT2-6-8000, 15 pcs.<br>1/2" set of screwdriver sockets in 2/4 CT module No. TS CT2-ITX19, 28 pcs<br>+ Tool trolley workster smartline No. WSL-L7 | 1.045 | 785 | 510 | 93,6 |



TS CT2-D19-D20



TS CT2-7



TS CT2-2154SK-119



TS CT2-142



TS CT2-6-8000



TS CT2-ITX19

## Tool trolley

### WSL-L-TS-308

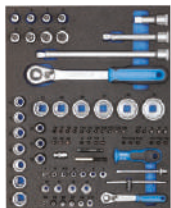
Tool trolley workster smartline  
308 pieces



> Tools in metric sizes

> CT(Check Tool) bicolor foam tool modules

| Code    | No.          | Contents   | H  | W   | D   |       |
|---------|--------------|--|----|-----|-----|-------|
| 2980347 | WSL-L-TS-308 | 1/4"+1/2" socket wrench assortment in CT module No. TS CT2-D19-D20, 81 pcs<br>Combination wrench set in CT module No. TS CT2-7, 24 pcs<br>Tool assortment in CT module No. TS CT2-2154SK-119, 14 pcs.<br>Pliers assortment in CT module No. TS CT2-142, 28 pcs.<br>Tool assortment in 2/4 CT module No. TS CT2-6-8000, 15 pcs.<br>1/2" set of screwdriver sockets in 2/4 CT module No. TS CT2-ITX19, 28 pcs<br>Tool assortment in 2/4 CT module No. TS CT2-2133-2163TX, 13 pcs<br>Wrench set in 2/4 CT module No. TS CT2-7R-2, 28 pcs<br>Tool assortment in 2/4 CT module No. TS CT2-D30, 59 pcs<br>Tool assortment in 2/4 CT module No. TS CT2-710, 17 pcs<br>Hacksaw No. 407<br>+ Tool trolley workster smartline No. WSL-L7 | 99 | 785 | 510 | 105,6 |



TS CT2-D19-D20



TS CT2-7



TS CT2-2154SK-119



TS CT2-142



TS CT2-6-8000



TS CT2-ITX19



TS CT2-2133-2163TX



TS CT2-7R-2



TS CT2-D30



TS CT2-710



407

### WHL-L7

Tool trolley workster highline  
with 7 drawers



- > Dimensions: H 1045 x W 785 x D 510 mm
- > Work platform with PP plastic cover with front flattening and roll protection edge, as well as small additional storage compartments, can and screwdriver holder
- > Stainless steel insert in top
- > Front face with Euro hole 10 x 38 mm
- > Sides rounded off – minimising abutting edges
- > Individual drawer stopping stops more than one drawer being opened, one-handed operation

- > Central locking with cylinder lock and security key
- > 5 flat, wide drawers (W 640 x D 400) with full extension
- > 2 high, wide drawers (W 640 x D 400) with full extension
- > Load capacity per drawer 40 kg
- > Total load capacity 500 kg

| Code    | No.    |   | H     | W   | D   |    |
|---------|--------|---|-------|-----|-----|----|
| 3033708 | WHL-L7 | 5x Type 1, H = 80 mm, 2x Type 2, H = 160 mm | 1.045 | 785 | 510 | 84 |



### 1580

Tool trolley  
with 4 drawers



- > Dimensions: H 930 x W 625 x D 400 mm
- > Double sided metal shutters to secure the whole internal space
- > worktop with tough ABS plastic plate
- > Front face with Euro hole 10 x 38 mm
- > Added safety due to heel protection and edge protection

- > Central locking with cylinder lock
- > 4 wide drawers (W 480 x D 325 x H 45 mm), all drawers extendable on both sides
- > 1 threaded insert M14x1.5 - M14, No. 181/210
- > Load capacity per drawer 20 kg
- > Total load capacity 300 kg

| Code    | No.  | H   | W   | D   | LD | CD |    |
|---------|------|-----|-----|-----|----|----|----|
| 6627550 | 1580 | 930 | 625 | 400 | 8x | 2x | 41 |

### 1578

Tool trolley



- > Dimensions: H 930 x W 605 x D 375 mm
- > Tough ABS worktop, with 3 compartments for small parts
- > Added safety due to heel protection

- > Central locking with cylinder lock
- > All drawers extendable on both sides
- > Load capacity per drawer 20 kg
- > Total load capacity 200 kg

| Code    | No.  | H   | W   | D   | LD | CD |    |
|---------|------|-----|-----|-----|----|----|----|
| 9018140 | 1578 | 930 | 605 | 375 | 6x | 2x | 43 |

### 1430

Tool chest



- > Especially suitable as attachment for tool trolley 1580
- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 305 x W 625 x D 400 mm
- > Shelf made of ABS plastic
- > Central locking with cylinder lock

- > 3 wide drawers (W 480 x D 325 mm) with full extension, removable
- > Each drawer with safety locking, single-hand operation
- > Load capacity per drawer 40 kg

| Code    | No.  | H   | W   | D   | LD | CD |    |
|---------|------|-----|-----|-----|----|----|----|
| 6618130 | 1430 | 305 | 625 | 400 | 6x | 2x | 24 |

### 2430

Tool chest



- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 345 x W 775 x D 475 mm
- > Tough ABS worktop, with 3 compartments for small parts
- > Central locking with cylinder lock

- > Wide drawers (W 640 x D 400 x H 67 mm) fully extendable, removable
- > Each drawer with safety locking, single-hand operation
- > Load capacity per drawer 40 kg

| Code    | No.  | H   | W   | D   | LD | CD |    |
|---------|------|-----|-----|-----|----|----|----|
| 1888927 | 2430 | 345 | 775 | 475 | 6x | 2x | 34 |

**2004 HP**  
Wood plate

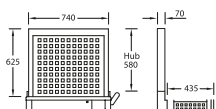


- > To be inserted into the plastic lid to obtain a flat working surface
- > Made of multiplex beech plywood
- > Suitable for tool trolleys 2004 and 2005 and tool chest 2430

- > No. 2004 HP until year of construction 03/2014 for depth 435 mm, No. 2004 HP-14 from year of construction 04/2014, for depth 475 mm

| Code    | No.        | W   | D   | mm | Version            |     |
|---------|------------|-----|-----|----|--------------------|-----|
| 1446967 | 2004 HP    | 590 | 410 | 30 | until year 03/2014 | 5,4 |
| 2879883 | 2004 HP-14 | 563 | 409 | 30 | from year 04/2014  | 5   |

**R 2004 L**  
Rear panel



- > Automatically liftable with 2 gas pressure springs, lockable with cylinder lock
- > Square holes 10 x 38 mm for tool hooks and holders No. 1500 H

- > Suitable for tool trolleys No. 2004 and No. 2005 (also for old No. 2002er/2003er trolleys)

| Code    | No.      | H   | W   | D   |    |
|---------|----------|-----|-----|-----|----|
| 1446169 | R 2004 L | 768 | 770 | 116 | 24 |

**RT 2004 L**  
Rear panel board



- > Can be attached to 2004 and 2005 (as well as old models 2002 and 2003)

- > Square holes 10 x 38 mm for tool hooks and holders No. 1500 H

| Code    | No.       | H   | W   | D  |    |
|---------|-----------|-----|-----|----|----|
| 2663104 | RT 2004 L | 715 | 765 | 30 | 11 |

**1505**  
Mobile workbench



- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 900 x W 1100 x D 652 mm
- > 40 mm thick multiplex beech plywood board, surface additionally protected by linseed oil varnish
- > Large usable storage space with shelf and door
- > Added safety due to heel protection
- > Central locking with cylinder lock
- > 5 wide drawers (W 480 x D 550 mm) with partial extension (505 mm), removable

- > Each drawer with safety locking, single-hand operation
- > Load capacity per drawer 40 kg
- > Total load capacity 2000 kg, 500 kg when mobile
- > Absolutely stable standing when lowered
- > Mobile due to hydraulic raising mechanism, just lift the pull handle
- > Special colours and designs available on request



| Code    | No.  | H   | W     | D   | mm | LD | CD |     |
|---------|------|-----|-------|-----|----|----|----|-----|
| 6621780 | 1505 | 900 | 1.100 | 652 | 40 | 9x | 9x | 139 |

## 1506 XL

Mobile workbench extra width



- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 985 x W 1250 x D 550 mm
- > 30 mm thick multiplex beech wood worktop, surface additionally protected by linseed oil varnish
- > With 2 similar drawer blocks
- > Added safety due to heel protection
- > Central locking with cylinder lock per drawer unit, keyed alike
- > Wide drawers (W 480 x D 400 mm) fully extendable, removable

- > Each drawer with safety locking, single-hand operation
- > Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- > GEDORE high-performance running gear, total load capacity 1000 kg, in mobile operation 750 kg
- > The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads
- > Special colours and designs available on request

| Code    | No.          | —   | H   | W     | D   | mm | LD  | CD | kg  |
|---------|--------------|---|-----|-------|-----|----|-----|----|-----|
| 2528088 | 1506 XL 2511 | 10x Type 1, H = 67 mm, 2x Type 2, H = 137 mm, 2x Type 3, H = 207 mm | 985 | 1.250 | 550 | 30 | 15x | 3x | 141 |
| 2528096 | 1506 XL 2810 | 16x Type 1, H = 67 mm, 2x Type 2, H = 137 mm                        | 985 | 1.250 | 550 | 30 | 15x | 3x | 156 |

## 1507 XL

Mobile workbench extra-wide drawers



- > Dimensions: H 985 x W 1200 x D 625 mm
- > 30 mm thick multiplex beech wood worktop, surface additionally protected by linseed oil varnish
- > One drawer unit in trolley width
- > Front face with Euro hole 10 x 38 mm
- > Added safety due to heel protection
- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Central locking with cylinder lock
- > Wide drawers (W 998 x D 474 mm) fully extendable, removable

- > Individual drawer stopping stops more than one drawer being opened, one-handed operation
- > Load capacity per drawer 80 kg
- > GEDORE high-performance running gear, total load capacity 1000 kg, in mobile operation 750 kg
- > The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads
- > Special colours and designs available on request

| Code    | No.           | —  | H   | W     | D   | mm | LD | CD | kg  |
|---------|---------------|--|-----|-------|-----|----|----|----|-----|
| 3127788 | 1507 XL 03200 | 3x Type 2, H = 101,5 mm, 2x Type 3, H = 155 mm                     | 985 | 1.200 | 635 | 30 | 1x | x  | 130 |
| 3127796 | 1507 XL 40200 | 4x Type 1, H = 75 mm, 2x Type 3, H = 155 mm                        | 985 | 1.200 | 635 | 30 | 3x | x  | 136 |
| 3127818 | 1507 XL 04010 | 4x Type 2, H = 101,5 mm, 1x Type 4, H = 208 mm                     | 985 | 1.200 | 635 | 30 | 1x | x  | 130 |
| 3127826 | 1507 XL 30101 | 3x Type 1, H = 75 mm, 1x Type 3, H = 155 mm, 1x Type 5, H = 235 mm | 985 | 1.200 | 635 | 30 | 3x | x  | 130 |
| 3127834 | 1507 XL 50001 | 5x Type 1, H = 75 mm, 1x Type 5, H = 235 mm                        | 985 | 1.200 | 635 | 30 | 3x | x  | 136 |

## 1504 XL

Mobile workbench extra width with 7 drawers



- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 985 x W 1250 x D 550 mm
- > 30 mm thick multiplex beech wood worktop, surface additionally protected by linseed oil varnish
- > Large usable storage space with shelf and door
- > Added safety due to heel protection
- > Central locking with cylinder lock
- > Each drawer with safety locking, single-hand operation

- > Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- > GEDORE high-performance running gear, total load capacity 1000 kg, in mobile operation 750 kg
- > The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads
- > Special colours and designs available on request

| Code    | No.     | —   | H   | W     | D   | mm | LD  | CD | kg  |
|---------|---------|---|-----|-------|-----|----|-----|----|-----|
| 1988468 | 1504 XL | 1x Type 1, H. = 67 mm extra wide<br>4x Type 2, H. = 67 mm<br>1x Type 3, H. = 137 mm<br>1x Type 4, H. = 207 mm | 985 | 1.250 | 550 | 30 | 10x | 2x | 124 |



1504  
Mobile workbench



- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 985 x B 1100 x D 550 mm
- > 30 mm thick multiplex beech wood worktop, surface additionally protected by linseed oil varnish
- > Large usable storage space with shelf and door
- > With rear panel, square holes 10 x 38 mm, can be lowered, can be extended by 2 gas pressure springs
- > Added safety due to heel protection
- > Central locking with cylinder lock
- > Wide drawers (W 480 x D 400 mm) fully extendable, removable

- > Each drawer with safety locking, single-hand operation
- > Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- > GEDORE high-performance running gear, total load capacity 700 kg, in mobile operation 500 kg
- > The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads
- > Special colours and designs available on request

| Code    | No.         | Icon | Version                                  | H   | W     | D   | mm | LD  | CD | Weight |
|---------|-------------|------|--|-----|-------|-----|----|-----|----|--------|
| 1814923 | 1504 0810   |      | Mobile workbench with 9 drawers          | 985 | 1.100 | 550 | 30 | 15x | 3x | 111    |
| 1814931 | 1504 0701   |      | Mobile workbench with 8 drawers          | 985 | 1.100 | 550 | 30 | 10x | 2x | 105    |
| 1814958 | 1504 0321   |      | Mobile workbench with 6 drawers          | 985 | 1.100 | 550 | 30 | 6x  | 2x | 99     |
| 6622830 | 1504 0511   |      | Mobile workbench with 7 drawers          | 985 | 1.100 | 550 | 30 | 10x | 2x | 102    |
| 6623050 | 1504 0511 S |      | Mobile workbench with 7 drawers and vice | 985 | 1.100 | 550 | 30 | 10x | 2x | 112,48 |

BR 1504  
Mobile workbench



- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 985 x B 1100 x D 550 mm
- > 30 mm thick multiplex beech wood worktop, surface additionally protected by linseed oil varnish
- > Large usable storage space with shelf and door
- > With rear panel, square holes 10 x 38 mm, can be lowered, can be extended by 2 gas pressure springs
- > Added safety due to heel protection
- > Central locking with cylinder lock
- > Wide drawers (W 480 x D 400 mm) fully extendable, removable

- > Each drawer with safety locking, single-hand operation
- > Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- > GEDORE high-performance running gear, total load capacity 700 kg, in mobile operation 500 kg
- > The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads
- > Special colours and designs available on request

| Code    | No.             | Designation                                 | H   | W     | D   | mm | LD  | CD | Weight |
|---------|-----------------|---|-----|-------|-----|----|-----|----|--------|
| 6623990 | BR 1504 0511 LH | Workbench with rear panel + hook assortment | 985 | 1.100 | 550 | 30 | 10x | 2x | 130    |
| 6624450 | BR 1504 0511 L  | Workbench with rear panel                   | 985 | 1.100 | 550 | 30 | 10x | 2x | 128    |

B 1500 L  
Workbench with tool cabinet



- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 900 x W 2000 x D 875 mm
- > 40 mm thick multiplex beech plywood board, surface additionally protected by linseed oil varnish
- > Large storage space with shutter
- > Added safety due to heel protection
- > Shutter with cylinder lock
- > Back panel with square holes 10 x 38 mm

- > Separate central locking of drawers and shutter with cylinder locks
- > 5 wide drawers (W 480 x D 550 mm) with partial extension (505 mm), removable
- > Load capacity per drawer 40 kg
- > Total load capacity (workbench) 2000 kg
- > Special colours and designs available on request

| Code    | No.        | Version                            | H     | W     | D   | mm | LD | CD | Weight |
|---------|------------|------------------------------------|-------|-------|-----|----|----|----|--------|
| 6618050 | B 1500 L   | Workbench with sheet metal shutter | 900   | 2.000 | 875 | 40 | 9x | 9x | 166    |
| 6618210 | BR 1500 LH | Workbench with tool cabinet        | 1.790 | 2.000 | 875 | 40 | 9x | 9x | 203,73 |

## 1502

Mobile workbench



- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 870 x W 950 x D 550 mm
- > Large, easily-accessible spaces for bulky parts
- > Added safety due to heel protection
- > Central locking with cylinder lock
- > Each drawer with safety locking, single-hand operation

- > Load capacity per drawer 40 kg, bottom heavy-duty drawer 60 kg
- > GEDORE high-performance running gear, total load capacity 1000 kg, in mobile operation 750 kg
- > The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads
- > Special colours and designs available on request

| Code    | No.    | Designation                | H   | W   | D   | mm | LD  | CD | kg |
|---------|--------|----------------------------|-----|-----|-----|----|-----|----|----|
| 6620540 | 1502   | Mobile workbench           | 870 | 950 | 550 | 25 | 10x | 2x | 82 |
| 6620620 | 1502 S | Mobile workbench with vice | 870 | 950 | 550 | 25 | 10x | 2x | 85 |

## B 1525

Folding workbench



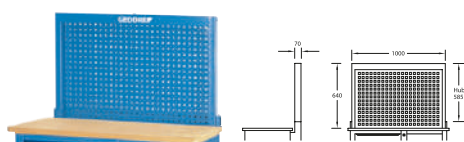
- > Dimensions: H 810/140 x W 1000 x D 700 mm
- > Strong beech wood worktop with zinc-plated steel edge protector, corrosion resistant

- > Total load capacity 500 kg
- > Steel tube, corrosion resistant and scratch-proof powder-coated, GEDORE blue

| Code    | No.    | H   | W     | D   | mm | kg |
|---------|--------|-----|-------|-----|----|----|
| 6622910 | B 1525 | 810 | 1.000 | 700 | 30 | 32 |

## R 1504 L

Rear panel



- > Can be attached to workbenches 1504 and 1505
- > Automatically liftable with 2 gas pressure springs, lockable with cylinder lock

- > Square holes 10 x 38 mm for tool hooks and holders No. 1500 H
- > Dimensions: H 640 x W 1000 x D 70 mm

| Code    | No.      | W     | D  | H   | kg |
|---------|----------|-------|----|-----|----|
| 6623800 | R 1504 L | 1.000 | 70 | 640 | 27 |

## RT 1504 L

Rear panel board



- > Can be attached to workbenches 1504 and 1505

- > Square holes 10 x 38 mm for tool hooks and holders No. 1500 H

| Code    | No.       | H   | W     | D  | kg |
|---------|-----------|-----|-------|----|----|
| 2477025 | RT 1504 L | 715 | 1.025 | 30 | 12 |

## R 1504 XL-L

Rear panel



- > Can be attached to workbenches 1504 XL and 1506 XL
- > Square holes 10 x 38 mm for tool hooks and holders No. 1500 H

- > Dimensions: H 640 x W 1190 x D 70 mm

| Code    | No.         | W     | H   | D  | kg |
|---------|-------------|-------|-----|----|----|
| 2251787 | R 1504 XL-L | 1.190 | 640 | 70 | 29 |

**1500 H 13**

Anti-slip mat  
Products sold by the metre



- > Enormous slip resistance on many different surfaces
- > Individually cut to size
- > Chemical resistant
- > Dimensions: W 475 x L 2000 mm

| Code    | No.       | L m | L   |      |
|---------|-----------|-----|-----|------|
| 5790250 | 1500 H 13 | 2   | 475 | 0,54 |

**E-1500 - E-2500**

Lengthwise divider  
slotted



- > In 2 different heights. The figures in brackets refer to the drawers that can be divided
- > In 5 different lengths for varying drawer depths

| Code    | No.          | H  | L   | Suitable for models                 |       |
|---------|--------------|----|-----|-------------------------------------|-------|
| 5315880 | E-B 1500/38  | 60 | 548 | B 1500 (1-3), 1505 (1-3)            | 0,312 |
| 5325840 | E-1580/14    | 42 | 317 | 1580                                | 0,136 |
| 5326490 | E-1504 KL/57 | 60 | 397 | 1502(1-5), 1504 (1-6), 2004 (Typ 1) | 0,208 |
| 5326570 | E-2500/62    | 60 | 320 | 1430                                | 0,19  |

**E-2005 CT**

Lengthwise divider  
without slots



- > As separator/fixing for the modules No. 2005 CT2

| Code    | No.            | H  |       |
|---------|----------------|----|-------|
| 2104601 | E-2005 CT H-40 | 40 | 0,248 |

**E-1580**

Crosswise divider



- > Suitable for no. 1580
- > In 3 different lengths, to fit the lengthwise dividers

| Code    | No.           | L   | H  |       |
|---------|---------------|-----|----|-------|
| 1394878 | E-1580/11-40  | 40  | 40 | 0,012 |
| 5325760 | E-1580/11-80  | 80  | 40 | 0,024 |
| 5326140 | E-1580/11-120 | 120 | 40 | 0,036 |

**E-3000**

Crosswise divider



- > Suitable for models: no. 1430, B 1500 (1-3), 1502 (1-5), 1504 (1-6), 1504 XL, 1505 (1-3), 1506 XL (type 1), 2004 (type 1), 2005 (type 1), 2430

| Code    | No.           | L   | H  |       |
|---------|---------------|-----|----|-------|
| 5326060 | E-3000/37-80  | 80  | 55 | 0,035 |
| 5326220 | E-3000/37-120 | 120 | 55 | 0,05  |

**E-S 1507 XL SF1**

Lengthwise divider set  
5 pcs



| Code    | No.             | Pieces |       |
|---------|-----------------|--------|-------|
| 3101258 | E-S 1507 XL SF1 | 5      | 0,001 |

**E-S 1507 XL SF2-5**

Lengthwise divider set  
2 pcs



| Code    | No.               | Pieces |      |
|---------|-------------------|--------|------|
| 3101274 | E-S 1507 XL SF2-5 | 2      | 1,62 |



### 1400 L

Tool cabinet



- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 970 x W 650 x D 250 mm
- > With shelf, 3 drawers and fixed tool holders
- > Including tool modules for sockets, ratchet, extensions etc.
- > Central locking with cylinder lock

| Code    | No.    | H   | W   | D   |    |
|---------|--------|-----|-----|-----|----|
| 6612600 | 1400 L | 970 | 650 | 250 | 33 |

### R 1500 L

Tool cabinet



- > Suitable as workbench top
- > Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORE blue
- > Dimensions: H 890 x W 1810 x D 170 mm
- > Rear panel with Euro holes 10 x 38 mm
- > Central locking with cylinder lock

| Code    | No.      | H   | W     | D   |    |
|---------|----------|-----|-------|-----|----|
| 6617910 | R 1500 L | 890 | 1.810 | 170 | 78 |

### 1450 L

Tool panel empty



- > Further panels can be added in either direction, with special spacers for wall fitting
- > Euro holes 10 x 38 mm
- > Dimensions: L 987 x H 493 mm

| Code    | No.    | L   | H   |     |
|---------|--------|-----|-----|-----|
| 5617110 | 1450 L | 987 | 493 | 5,5 |

### 1500 H 4

Base plate



- > With M6 thread for universal fixing
- > Suitable for perforated panels with square holes 10 x 38 mm

| Code    | No.      |       |
|---------|----------|-------|
| 1446185 | 1500 H 4 | 0,026 |

### 1500 H 2 - 1500 H 3

Spring clamp



- > Suitable for perforated panels with square holes 10 x 38 mm

| Code    | No.         | ↳ mm ▷ | ∅     |       |
|---------|-------------|--------|-------|-------|
| 2008351 | 1500 H 2-10 | 31     | 10-12 | 0,025 |
| 2008378 | 1500 H 2-16 | 31     | 16-18 | 0,027 |
| 5803760 | 1500 H 2-13 | 31     | 12-16 | 0,026 |
| 5803840 | 1500 H 3    | 44     | 23-29 | 0,028 |

### 1500 H 0

Tool hook straight mandrel



- > ∅ 4 mm especially suitable for GEDORE screwdrivers with hanging hole
- > Suitable for perforated panels with square holes 10 x 38 mm

| Code    | No.      | ↳ mm ▷ | ∅ |       |
|---------|----------|--------|---|-------|
| 5803410 | 1500 H 0 | 50     | 4 | 0,028 |

Workshop Equipment

**1500 H 18**  
Tool hook  
straight mandrel



> Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.           | ↳ mm ▷ | ∅ |  |
|----------------|---------------|--------|---|---|
| <b>2008386</b> | 1500 H 18-50  | 50     | 6 | 0,034   |
| <b>2008394</b> | 1500 H 18-100 | 100    | 6 | 0,046   |
| <b>2008408</b> | 1500 H 18-150 | 150    | 6 | 0,056   |

**1500 H 5**  
Paper roll holder



> Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.      | ↳ mm ▷ | ∅ |  |
|----------------|----------|--------|---|---|
| <b>5798660</b> | 1500 H 5 | 250    | 6 | 0,094   |

**1500 H 1**  
Tool hook  
inclined hook end



> Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.      | ↳ mm ▷ | ∅ |  |
|----------------|----------|--------|---|---|
| <b>5803680</b> | 1500 H 1 | 50     | 4 | 0,028   |

**1500 H 29**  
Tool hook  
inclined hook end



> Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.           | ↳ mm ▷ | ∅ |  |
|----------------|---------------|--------|---|---|
| <b>2008572</b> | 1500 H 29-50  | 50     | 6 | 0,034   |
| <b>2008580</b> | 1500 H 29-100 | 100    | 6 | 0,046   |

**1500 H 30**  
Tool hooks  
for sockets



> Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.       | L1 | L2 | ∅ |  |
|----------------|-----------|----|----|---|---|
| <b>2008599</b> | 1500 H 30 | 15 | 40 | 6 | 0,034   |

**1500 H 20**  
Tool hook  
vertical hook end



> Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.           | ↳ mm ▷ | ∅ |  |
|----------------|---------------|--------|---|---|
| <b>1879162</b> | 1500 H 20-35  | 35     | 6 | 0,034   |
| <b>2008440</b> | 1500 H 20-75  | 75     | 6 | 0,046   |
| <b>2008459</b> | 1500 H 20-135 | 135    | 6 | 0,056   |

**1500 H 39**Tool holder  
for pliers

- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.       | D   |  |
|----------------|-----------|-----|---|
| <b>2656582</b> | 1500 H 39 | 230 | 0,03  |

**1500 H 19**Tool hook  
double, straight mandrel

- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.           | ↳ mm ↲ | ∅ |  |
|----------------|---------------|--------|---|---|
| <b>2008416</b> | 1500 H 19-50  | 50     | 6 | 0,074   |
| <b>2008424</b> | 1500 H 19-100 | 100    | 6 | 0,098   |
| <b>2008432</b> | 1500 H 19-150 | 150    | 6 | 0,118   |

**1500 H 21**Tool hook  
double, vertical hook end

- > For hammers and ratchets
- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.          | ↳ mm ↲ | ∅ |  |
|----------------|--------------|--------|---|---|
| <b>2008475</b> | 1500 H 21-35 | 35     | 6 | 0,076   |
| <b>1879170</b> | 1500 H 21-50 | 50     | 6 | 0,08  |
| <b>2008483</b> | 1500 H 21-75 | 75     | 6 | 0,09  |

**1500 H 22**Tool holder  
for pliers

- > Suitable for perforated panels with square holes 10 x 38 mm


| Code           | No.          | W  | L  |  |
|----------------|--------------|----|----|--|
| <b>1879189</b> | 1500 H 22-55 | 55 | 20 | 0,066  |
| <b>2008491</b> | 1500 H 22-35 | 35 | 20 | 0,062  |

**1500 H 31**

Round holder



- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.       | W  | L  |  |
|----------------|-----------|----|----|---|
| <b>2008602</b> | 1500 H 31 | 27 | 65 | 0,068   |

**1500 H 23**Machine holder for  
battery screwdriver

- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.          | ∅    |  |
|----------------|--------------|------|---|
| <b>1879197</b> | 1500 H 23-60 | 60,0 | 0,068   |
| <b>2008513</b> | 1500 H 23-40 | 40,0 | 0,068   |

**1500 H 33**

Pipe holder



- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.           | W  | H  | D   | ∅     |  |
|----------------|---------------|----|----|-----|-------|---|
| <b>2008629</b> | 1500 H 33-60  | 58 | 67 | 74  | 60,0  | 0,114   |
| <b>2008637</b> | 1500 H 33-100 | 58 | 96 | 114 | 100,0 | 0,156   |



## Workshop Equipment

### 1500 H 24 Tool holder for screwdrivers




- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.          | Version      |  |
|----------------|--------------|--------------|---|
| <b>1879200</b> | 1500 H 24-6  | for 6 parts  | 0,1   |
| <b>2008548</b> | 1500 H 24-12 | for 12 parts | 0,4   |

### 1500 H 34 Drill-bit holder for 28 pieces



- > Suitable for perforated panels with square holes 10 x 38 mm
- > With 14 holes, diam.:  
2 ea. 3.0 4.2 6.5 7.5 8.5 16.5 mm, 1 ea. 10.5 12.5 mm

| Code           | No.          | L   | H  | D  |  |
|----------------|--------------|-----|----|----|---|
| <b>2008645</b> | 1500 H 34-14 | 200 | 60 | 37 | 0,2   |

### 1500 H 27 Socket holder




- > For 11 Sockets
- > Hole diameter 10x 25 mm and 1x 27.5 mm
- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.       | L   | H  | D  |  |
|----------------|-----------|-----|----|----|---|
| <b>1920634</b> | 1500 H 27 | 352 | 60 | 54 | 0,5   |

### 1500 H 25 Tool holder for 3 cans




- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.         | W   | Ø    |  |
|----------------|-------------|-----|------|---|
| <b>1879219</b> | 1500 H 25-3 | 300 | 70,0 | 0,6   |

### 1500 H 25-8 Spray can holder for 8 spray cans



- > Suitable for perforated panels with square holes 10 x 38 mm
- > With carrying handle

| Code           | No.         | W  |  |
|----------------|-------------|----|---|
| <b>3127907</b> | 1500 H 25-8 | 99 | 2,05  |

### 1500 H 37 Spanner holder



- > Suitable for perforated panels with square holes 10 x 38 mm
- > For 8 spanners no. 1 B, 2, 4, 6, 7, 7 R, 7 UR

| Code           | No.       | L   | H  | D   |  |
|----------------|-----------|-----|----|-----|---|
| <b>2008696</b> | 1500 H 37 | 124 | 66 | 145 | 0,22  |

### 1500 H 38 Spanner holder



- > Suitable for perforated panels with square holes 10 x 38 mm
- > For 10 spanners, suitable for no. 2, 6

| Code           | No.       | W      | H   | D  |  |
|----------------|-----------|--------|-----|----|---|
| <b>1920626</b> | 1500 H 38 | 75-147 | 227 | 60 | 0,4   |

### 1500 H 28

Shelf



- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.       | L   | H   | D   |      |
|----------------|-----------|-----|-----|-----|------|
| <b>1933191</b> | 1500 H 28 | 496 | 168 | 303 | 3,19 |

### 1500 H 40

Paper roll holder



- > For paper rolls up to diameter 320 mm and width 320 mm
- > Suitable for all tool trolleys/benches with Euro holes 10 x 38 mm

| Code           | No.       |     |
|----------------|-----------|-----|
| <b>2997754</b> | 1500 H 40 | 1,1 |

### 1500 H 9

Tray



- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.          | L   | H  | D   |       |
|----------------|--------------|-----|----|-----|-------|
| <b>1446924</b> | 1500 H 9-75  | 456 | 50 | 75  | 0,854 |
| <b>5792540</b> | 1500 H 9-100 | 456 | 50 | 100 | 0,854 |

### 1500 H 10

Tray



- > Quadruple divided
- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.           | L   | H  | D   |      |
|----------------|---------------|-----|----|-----|------|
| <b>5792620</b> | 1500 H 10-100 | 456 | 50 | 100 | 0,84 |

### VS 19 H

Tool tray



- > for sockets
- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.     | W   | D     |      |
|----------------|---------|-----|-------|------|
| <b>5152640</b> | VS 19 H | 570 | 25-45 | 0,55 |

### VS 1582

Tray



- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.       | L   | H   | D  |       |
|----------------|-----------|-----|-----|----|-------|
| <b>5150270</b> | VS 1582-3 | 320 | 100 | 90 | 1,118 |

### VS 245 H

Chisel holder empty



- > For 6 chisels
- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.      | L   | H  | D  |     |
|----------------|----------|-----|----|----|-----|
| <b>5456270</b> | VS 245 H | 195 | 95 | 22 | 0,3 |

### H 6

Holder



- > For double open ended spanner sets no. 6
- > Suitable for perforated panels with square holes 10 x 38 mm

| Code           | No.         | Version                                    |       |
|----------------|-------------|--|-------|
| <b>5073930</b> | E-PH 6-8 L  | Plastic holder empty for 8 spanners no. 6  | 0,018 |
| <b>5074070</b> | E-PH 6-12 L | Plastic holder empty for 12 spanners no. 6 | 0,038 |

# **i** GEDORE WORKMO

The mobile arrangement-, transport- and working-system for maximum flexibility and safety



## 1 LIGHT

- Low weight due to aluminum-plastic mix
- Ergonomic working heights

## 2 INDIVIDUAL

- WorkMo adapts exactly to the requirements of your individual working day
- With the foam configurator the tool equipment can be arranged individually

## 3 STURDY

- Robust handling – lockable - durable
- With rounded plastic edges as impact and scratch protection

## 4 FEXIBLE

- Expandable at any time (with castors, worktop etc.)
- For further system components see Sortimo®

## 5 COMPATIBLE

- with the Sortimo® L-BOXX® range
- with the GEDORE tool modules 1500 ES/1500 CT

## 6 DRAWER EQUIPMENT

- Ideal to equip WorkMo components with GEDORE tools – Be aware of the respective drawer widths:

• B2 = maximum 2x 1/3 modules or 1x 2/3 module



• B3 = maximum 4x 1/3 modules or 2x 2/3 modules



- Combines transport, order and work – ergonomically and efficiently
- Thanks to the modular design quickly disassembled into portable units
- Multifunctional – with system
- Ideal for all who need a flexible and mobile workplace
- Individual modules or directly as a workstation
- The intelligent way to work mobile and professionally!
- Light and load secured



Not included






**1110 WMW-2**

Tool trolley WorkMo W2



- > Consisting of: No. 1110 WM 24, 1110 WM 221, 1110 WMR 23 and 1110 WMHP 2
- > 6 drawers with full extension suitable for GEDORE 1500 ES/1500 CT modules

- > Wooden worktop for assembly work
- > Compatible with Sortimo® interior vehicle fittings and load safety
- > Dimensions: W 526 x D 396 x H 1172 mm

| Code    | No.        | W   | D   | H     |  |
|---------|------------|-----|-----|-------|---|
| 2954435 | 1110 WMW-2 | 526 | 396 | 1.172 | 42,6  |

**1110 WMW-3**

Tool trolley WorkMo W3



- > Consisting of: No. 1110 WM 34, 1110 WM 321, 1110 WMR 23 and 1110 WMHP 3
- > 6 drawers with full extension suitable for GEDORE 1500 ES/1500 CT modules

- > Wooden worktop for assembly work
- > Compatible with Sortimo® interior vehicle fittings and load safety
- > Dimensions: W 789 x D 396 x H 1172 mm

| Code    | No.        | W   | D   | H     |  |
|---------|------------|-----|-----|-------|---|
| 2954443 | 1110 WMW-3 | 789 | 396 | 1.172 | 52,8  |

**1110 WM 24**Tool box module WorkMo W2  
4 drawers H6

- > 4 drawers with full extension, suitable for GEDORE 1500 ES/1500 CT modules
- > Compatible with Sortimo® interior vehicle fittings and load safety

- > Load capacity per drawer 30 kg
- > Dimensions: 526 x 396 x 506 mm

| Code    | No.        | W   | D   | H   |  |
|---------|------------|-----|-----|-----|---|
| 2954311 | 1110 WM 24 | 526 | 396 | 506 | 18,6  |

**1110 WM 221**Tool box module WorkMo W2  
2 drawers H6, compartment for L-BOXX®

- > 2 drawers with full extension suitable for GEDORE 1500 ES/1500 CT modules
- > Compatible with Sortimo® interior vehicle fittings and load safety

- > Load capacity per drawer 30 kg
- > Dimensions: W 526 x D 396 x H 506 mm

| Code    | No.         | W   | D   | H   |  |
|---------|-------------|-----|-----|-----|---|
| 2954338 | 1110 WM 221 | 526 | 396 | 506 | 15,26   |

## Workshop Equipment

### 1110 WM 34

Tool box module WorkMo W3  
4 drawers H6



- > 4 drawers with full extension, suitable for GEDORE 1500 ES/1500 CT modules
- > Compatible with Sortimo® interior vehicle fittings and load safety

- > Load capacity per drawer 60 kg
- > Dimensions: W 789 x D 396 x H 506 mm

| Code    | No.       | W   | D   | H   |  |
|---------|-----------|-----|-----|-----|---|
| 2954346 | 1110WM 34 | 789 | 396 | 506 | 27,92   |

### 1110 WM 321

Tool box module WorkMo W3  
2 drawers H6, compartment for L-BOXX® + S-BOXX®



- > 2 drawers with full extension suitable for GEDORE 1500 ES/1500 CT modules
- > Compatible with Sortimo® vehicle and fixing equipment

- > Load capacity per drawer 60 kg
- > Dimensions: W 789 x D 396 x H 506 mm

| Code    | No.        | W   | D   | H   |  |
|---------|------------|-----|-----|-----|---|
| 2954354 | 1110WM 321 | 789 | 396 | 506 | 22,12   |

### 1110 WMHP 2

Wood plate  
for WorkMo B2



- > 20 mm thick laminated beech wood worktop
- > It is placed by clicking on the WorkMo Boxes B2 drawers to get a flat work surface
- > Dimensions: W 571 x D 426 x H 41 mm

| Code    | No.         | W   | D   | H  |  |
|---------|-------------|-----|-----|----|---|
| 2954362 | 1110 WMHP 2 | 571 | 426 | 41 | 4,5   |

### 1110 WMHP 3

Wood plate  
for WorkMo B3



- > 20 mm thick multiplex beech wood worktop
- > It is placed by clicking on the WorkMo Boxes B2 drawers to get a flat work surface
- > Dimensions: W 834 x D 426 x H 41 mm

| Code    | No.         | W   | D   | H  |  |
|---------|-------------|-----|-----|----|---|
| 2954370 | 1110 WMHP 3 | 834 | 426 | 41 | 4,5   |

### 1110 WMS 23

Locking system  
for WorkMo W2+W3




- > Protects drawers and BOXX®es against extraction
- > Secures the tools from unauthorised access

| Code    | No.         |  |
|---------|-------------|---|
| 2954389 | 1110 WMS 23 | 0,92  |

**1110 WMR 23**Roller skids (pair)  
for WorkMo W2+W3

- > Makes the tool box modules mobile
- > 4 steerable wheels, 2 with total brake
- > Max. Load capacity: 150 kg (per roller skate 75 kg)

| Code    | No.         |   |
|---------|-------------|---|
| 2954397 | 1110 WMR 23 | 3,2  |

**1110 WMR 24**

Roller for WorkMo W2



- > Makes the tool box modules mobile
- > Compatible with Sortimo® vehicle and fixing equipment
- > Load capacity: 200 kg
- > Dimensions: 612 x 493 x 144 mm

| Code    | No.         |   |
|---------|-------------|---|
| 3002721 | 1110 WMR 24 | 8  |

**1110 WMR 34**

Roller for WorkMo W3




- > Makes the tool box modules mobile
- > Compatible with Sortimo® vehicle and fixing equipment
- > Load capacity: 200 kg
- > Dimensions: 854 x 493 x 144 mm

| Code    | No.         |   |
|---------|-------------|---|
| 3002713 | 1110 WMR 34 | 9  |

**1110 WMT 23**Divider set  
for WorkMo drawers  
W2+W3

- > To divide the drawers
- > 1 cross divider, 2 lengthwise dividers and 7 mounting brackets

| Code    | No.         |  |
|---------|-------------|--|
| 2954419 | 1110 WMT 23 | 0,25  |

**1110 WMSB 3**S-BOXX® B3  
with window

- > Display window for quick content checking
- > Ideal for the storage of consumables, such as screws etc.

| Code    | No.         | W   | D   | H   |  |
|---------|-------------|-----|-----|-----|--|
| 2954427 | 1110 WMSB 3 | 147 | 351 | 153 | 0,68  |





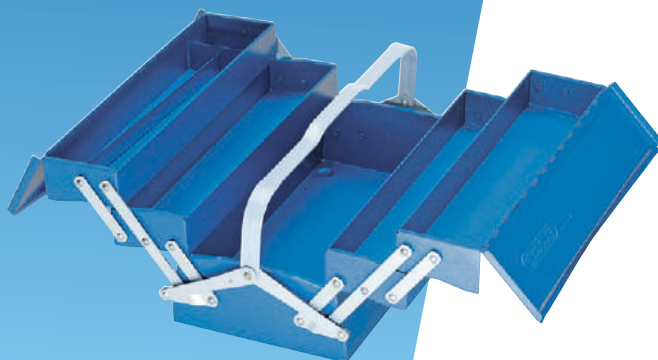
## MOBILE WORK SOLUTIONS

- Versatile combinations
- Easy to transport
- Mobile storage systems



### GEDORE MODULAR ASSEMBLY KIT MIXX&CLICK®

- Tool assortments in the Sortimo®Transportbox System
- Easy-Click connection system for simple combination of several L-BOXXes
- Can be integrated into vehicles with TÜV-certified Sortimo®vehicle equipment



### STORAGE SPACE MIRACLE - CHESTS, CASES AND TOOLBOXES

- Large storage volume
- Fully extendable tool compartments
- High stability
- Tools always within reach
- Expandable with tool cards for case lids

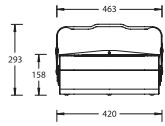
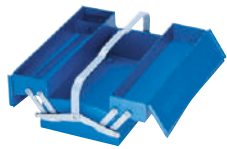
### DURABLE MATERIALS

- Toolboxes made of extremely robust sheet steel
- Made for continuous use - materials are subjected to strict controls and stress tests
- The storage solutions of the MIXX&CLICK series are made of particularly durable plastic

## Mobile Tool Storage

### 1263 L

Tool box  
3 compartments

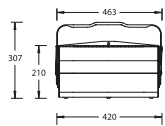
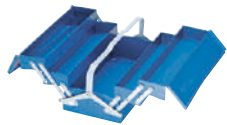


- > Great extendability of the tool compartments
- > Great stability even if only one side is opened
- > Dimensions:  
H 158 x W 420 x  
D 225 mm

| Code           | No.    | H   | W   | L   |     |
|----------------|--------|-----|-----|-----|-----|
| <b>6608250</b> | 1263 L | 158 | 420 | 225 | 4,4 |

### 1265 L

Tool box  
5 compartments

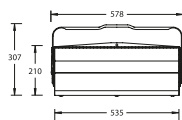
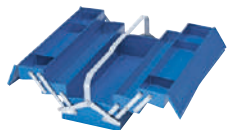


- > Great extendability of the tool compartments
- > Great stability even if only one side is opened
- > Dimensions:  
H 210 x W 420 x  
D 225 mm

| Code           | No.    | H   | W   | L   |      |
|----------------|--------|-----|-----|-----|------|
| <b>6609060</b> | 1265 L | 210 | 420 | 225 | 5,84 |

### 1335

Tool box  
5 compartments,  
long pattern



- > Great extendability of the tool compartments
- > Great stability even if only one side is opened
- > Dimensions:  
H 210 x W 535 x  
D 225 mm

| Code           | No.    | H   | W   | L   |      |
|----------------|--------|-----|-----|-----|------|
| <b>6610580</b> | 1335 L | 210 | 535 | 225 | 6,84 |

### WK 1072 L

Tool bag  
empty



- > With carrying handle and carrying strap
- > 17 open compartments, 1 of which with Velcro fastener

- > Additional 7 internal stretch tape holders

| Code           | No.       | W   | L   | H   |     |
|----------------|-----------|-----|-----|-----|-----|
| <b>3100421</b> | WK 1072 L | 515 | 335 | 360 | 2,4 |

### 1440 Z

Tool box JUMBO  
zinc-plated



- > Made of specially galvanised sheet steel, for tough everyday use
- > Optimum corrosion protection, spray water protected

- > Stopper to hold the lid open
- > Lockable through padlock

| Code           | No.       | H   | W   | L   |    |
|----------------|-----------|-----|-----|-----|----|
| <b>6628280</b> | 1440 Z-70 | 320 | 698 | 387 | 17 |
| <b>6628360</b> | 1440 Z-83 | 340 | 841 | 427 | 21 |
| <b>6629170</b> | 1440 Z-91 | 440 | 918 | 537 | 30 |




**1440**  
Tool box JUMBO



- > Sheet steel construction with strong handles (except 1440-45, 1440-64)
- > With robust fittings, handles and lid locking in open position

> No. 1440-45 without small parts insert


| Code           | No.      | H   | W   | L   |  |
|----------------|----------|-----|-----|-----|---|
| <b>6616510</b> | 1440-70  | 320 | 698 | 387 | 19  |
| <b>6616780</b> | 1440-83  | 340 | 841 | 427 | 23  |
| <b>6616860</b> | 1440-91  | 440 | 918 | 537 | 32  |
| <b>6616940</b> | 1440-100 | 320 | 998 | 387 | 25  |

**WK 1000 L**  
Tool case TOURING empty



- > Impact-resistant blown polypropylene, resistant to oil and acid and extremes of temperature and weather

> With Check-Tool inserts  
> Delivery without tools

| Code           | No.       | W   | L   | H   |  |
|----------------|-----------|-----|-----|-----|---|
| <b>2881381</b> | WK 1000 L | 430 | 360 | 160 | 1,96  |

**WK 1091 L**  
Tool case empty



- > Made from eco-friendly tanned cowhide
- > Quality workmanship with strong industrial seams
- > reinforced edges with aluminium angle brackets, metal parts durable riveted

> Anti-Theft protection by 2 locks, delivery includes 2 keys


| Code           | No.       | W   | L   | H   |  |
|----------------|-----------|-----|-----|-----|---|
| <b>1953729</b> | WK 1091 L | 430 | 200 | 290 | 4,2   |

**WK 1040 L**  
GEDORE Roller tool case empty



- > Drive handle with user-friendly telescopic handle
- > Wide wheelbase with 2 inline rollers provide for a tilt resistant drag
- > Robust aluminium frame with bumper protection, shells made of impact-resistant ABS plastic

> Lockable with 2 tilting cylinder locks and one combination lock


| Code           | No.       | W   | L   | H   |  |
|----------------|-----------|-----|-----|-----|---|
| <b>3065391</b> | WK 1040 L | 490 | 395 | 200 | 6,2   |

**WK 1041 L**  
Tool case large empty



- > Robust aluminium frame with bumper protection, shells made of impact-resistant ABS plastic
- > when the lid is open it is protected against unintentional closing by locking the safety lid holder

> Lockable with 2 tilting cylinder locks and one combination lock

| Code           | No.       | W   | L   | H   |  |
|----------------|-----------|-----|-----|-----|---|
| <b>3065405</b> | WK 1041 L | 490 | 395 | 185 | 4,9   |

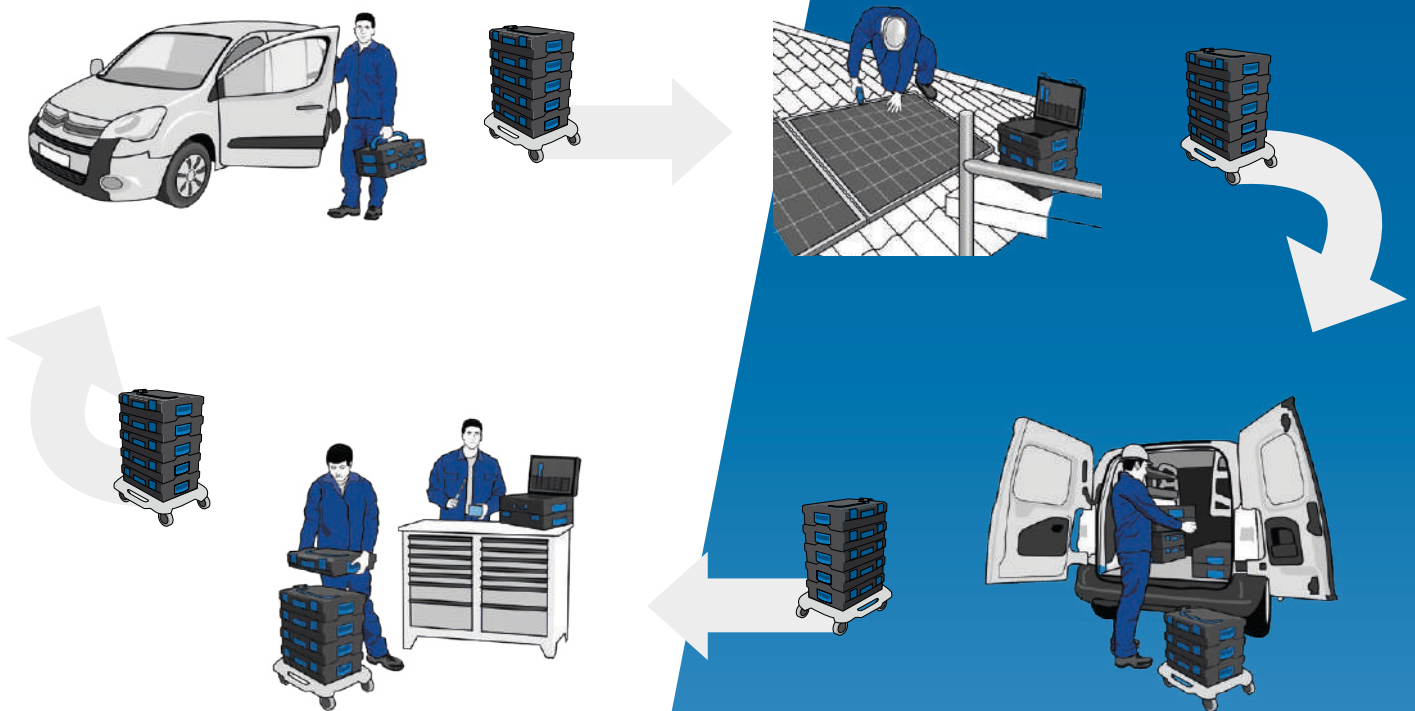


# i MOBILITY AT ITS BEST

## 2 powerful partners - 1 system

- Tools, machines and material must be easily, safely, quickly and conveniently transported to the place of use i.e. in a preferably resources-saving manner.
- Lengthy loading times must be avoided at all cost - guaranteed load securing a pre-condition here!
- GEDORE's Sortimo® transport box system relies on a tried-and-tested mobility standard
- The perfect alliance for intelligent, efficient process and project design planning

**Sortimo®**  
Intelligent Mobility



### FOR YOUR SAFETY

- The GEDORE L-BOXX®es are fully compatible with Sortimo® vehicle settings
- GEDORE L-BOXX® quality is constantly examined on the basis of the strict Sortimo® directives. Sortimo® has its quality endorsed through crash tests organised by TÜV.
- If it comes to the worst, at least the tools stay where they belong - securely in their GEDORE L-BOXX®

### YOUR ADVANTAGE

- Intelligent order systems
- Flexible, modular and individual
- Ideal for mobile deployments
- Diverse and highly efficient
- Quick accessing of tools - perfect organisation
- Transport box standard - e.g. compatible with electrical tool manufacturers
- Guaranteed safety

**1100-01**  
MECHANIC tool  
assortment  
58 pieces




1100 L



1100 CT2-01

- > Especially suitable for the handyman or DIY enthusiast
- > CT(Check Tool) bicolor foam tool modules
- > Made of impact and shock resistant ABS plastic
- > For integration in vehicles with Sortimo® vehicle equipment

| Code           | No.     | Contents   |  |
|----------------|---------|--|---|
| <b>2658194</b> | 1100-01 | 1/2" reversible ratchet No. 1993 U-20<br>1/2" extension no. 1990-10, 250 mm<br>1/2" universal joint No. 1995<br>1/2" socket wrench insert No. 19,<br>SW 10 11 12 13 14 15 16 17 18 19 21 22 24 mm<br>Adjustable open-end wrench No. 60 CP 8, 8".<br>Universal Pliers No. 142 10 JC, 10".<br>2-component handle power side cutter No. 8316-160 JC, 160 mm<br>2C-Handle Multiple Pliers No. 8133-180 JC, 180 mm<br>2C handle engineer's hammer No. 600 H-500, 500 g<br>Bricklayer's chisel No. 110-256, 250x16 mm<br>Control cabinet key UNIVERSAL No. 45 S, for control cabinets and locks<br>Miniature LED light No. TFK 649<br>Hinged base No. E-649 F for LED light No. TFK 649<br>Cable knife No. 0063-08, blade L. 80 mm<br>Offset screwdriver set No. H 42-10, hexagon<br>SW 1.3 1.5 2 2.5 3 4 5 6 8 10 mm<br>Offset screwdriver No. SCL 43 TX-80, T9 T10 T15 T20 T25 T30 T40<br>VDE Screwdriver set No. VDE 2170-2160 PH-077 Slot 2.5 4 5.5,<br>cross recess PH 0 1 2<br>Voltage Detector Slot No. 4615 3, 220-250 V, 3mm<br>Wooden folding rule No. 4533-2, 2 m<br>Warding file set no. 8728, flat file, triangular, square,<br>half-round, round file<br>+ GEDORE L-BOXX® 136 No. 1100 L | 9,5   |

|                |                |  |       |
|----------------|----------------|--|-------|
| <b>2936828</b> | 1100<br>CT2-01 | 1/2" reversible ratchet No. 1993 U-20<br>1/2" extension No. 1990-10, 250 mm<br>1/2" universal joint No. 1995<br>1/2" socket No. 19, AF 10 11 12 13 14 15 16 17 18 19 21 22 24 mm<br>Adjustable wrench, open end No. 60 CP 8, 8"<br>Universal pliers No. 142 10 JC, 10"<br>Power side cutter No. 8316-160 JC, 160 mm 2C handle<br>Multiple pliers No. 8133-180 JC, 180 mm 2C handle<br>Engineers' hammer No. 600 H-500, 500 g<br>Bricklayer's chisel No. 110-256, 250x16 mm<br>Multi fitting key UNIVERSAL No. 45 S,<br>for control cabinets and locking devices<br>Miniature LED lamp No. TFK 649<br>Swivel end No. E-649 F for LED lamp No. TFK 649<br>Cable knife No. 0063-08, blades L. 80 mm | 6,761 |
|----------------|----------------|--|-------|

| Code           | No.        | Designation                       |  |
|----------------|------------|-----------------------------------|---|
| <b>2690055</b> | EI-1100-01 | Foam insert 2/2 L-BOXX 136, empty | 0,2   |



# i MIXX & CLICK

## The GEDORE modular system



The Sortimo transport box system is perfectly suited to the needs of mobile use. The basis for the MIXX&CLICK modular system is the tried and tested GEDORE L-BOXX® 136 with front handles and tool card in the lid, as well as the GEDORE i-BOXX® 72. These are multi-compatible and therefore extremely flexible, allowing a high degree of customisation. The MIXX&CLICK system is particularly impressive because of the countless combination options offered by the pre-configured GEDORE tool assortments - modules from other manufacturers, such as Bosch power tools, can also be used. In combination with other components from the Sortimo® world (transport boxes and system components), you can create a well-organised workshop "to go", that is tailored to your personal needs.



### 1 TOOL CARD

For individual upgrading or adaptation of the L-BOXX®, depending on the area of application



### 2 TOOL MODULES

For individual assembly of the L-BOXX® with 1/2 and 2/2 modules



### 3 I-BOXX® RACK-ACTIVE CLICKSYSTEM

Enables safe transport of your i-BOXX® tool assortments and is compatible with all L-BOXX®s

### 4 L-BOXX® ROLLER

Connect rollers and BOXX®s by putting them on and clicking them together

#### GEDORE L-BOXX® 136 POWERED BY SORTIMO®



- Robust construction
- Tool easy and convenient to transport to the place of use
- Made of impact and shock-resistant ABS plastic
- Standard lid handle for carrying the L-BOXX® horizontally
- Additional hand-friendly front handle for carrying the L-BOXX® vertically
- Splash-proof
- With GEDORE tool card for more order and storage space
- Easy Click System: practical plug-in connection for two or more L-BOXX®s, for secure hold and easy transport
- Easy integration into vehicles with TÜV-tested Sortimo® vehicle equipment




**1100-02**


Tool case electrician in  
GEDORE L-BOXX® 136,  
36 pieces

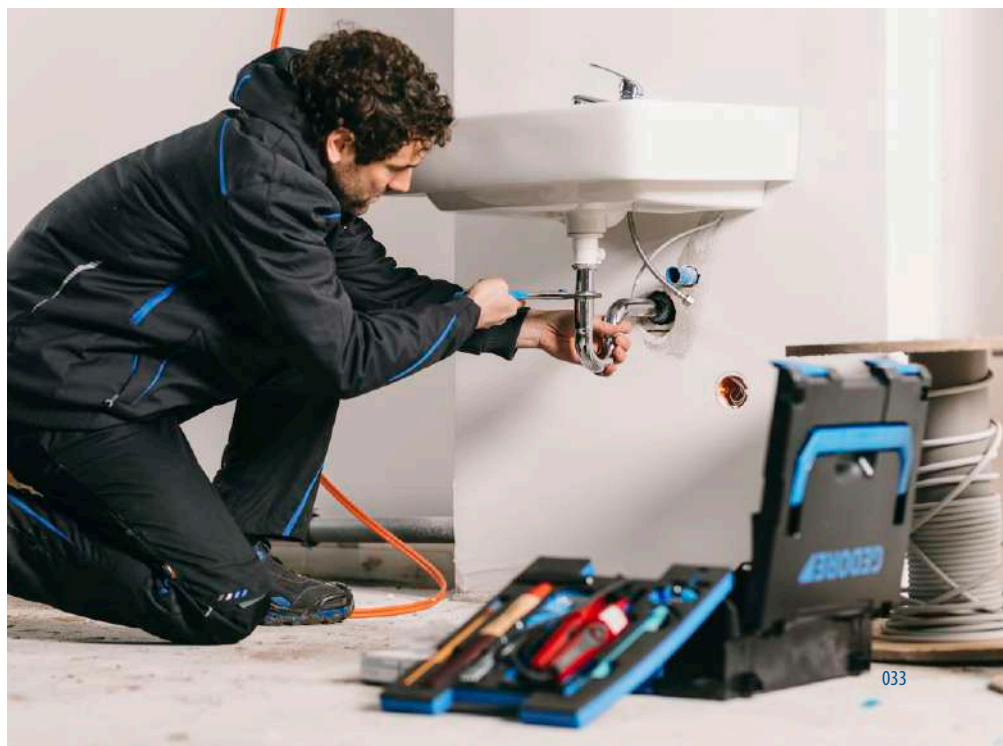
- › Especially suitable for professions in electrical engineering
- › CT (Check Tool) bicolor foam tool modules

**1100 L****1100 CT2-02**

| Code           | No.     | Contents  |  |
|----------------|---------|---|---|
| <b>2658208</b> | 1100-02 | Bricklayer's chisel No. 110-256, 250x16 mm<br>Electrician's chisel No. 112-2510, 4kt 250x10x7 mm<br>Engineer's hammer No. 600 H-500, 500 g<br>Adjustable open-end wrench No. 60 CP 8, 8".<br>Universal Pliers No. 142 10 JC, 10".<br>Wire stripper No. 8097, automatic<br>Multiple Pliers No.8133-180 JC, 180 mm 2C-Handle<br>VDE side cutter No. VDE 8314-160 H, 160 mm<br>VDE Flat nose pliers No. VDE 8132-200 H, 200 mm<br>VDE Flat Nose Pliers No. VDE 8132 AB-200 H, angled 200 mm<br>VDE Wire stripper No. VDE 8098-160 H, 160 mm<br>VDE cable cutter No. VDE 8094, 200 mm<br>Universal Cable Knife No. 4528, Blade-L. 50 mm<br>Electrical insulating tape no. 4629, tape L.10 m<br>Spatula No. 0175-06, sheet B. 60 mm<br>Offset screwdriver No. H 42-10, hexagon SW 1.3 1.5 2 2.5 3 4 5 6 8 10 mm<br>VDE Screwdriver set No. VDE 2170-2160 PH-077, slot 2.5 4 5.5 6.5 mm, cross recess PH 0 1 2<br>Voltage Detector Slot No. 4615 3, 220-250 V, 3mm<br>Voltage Detector Slot No. VDE 4616.12-1000 V, 3 mm<br>Switch cabinet key ELEKTRO No. 45 E<br>Wooden folding rule No. 4533-2, 2 m<br>+ GEDORE L-BOXX® 136 No. 1100 L | 7,674   |

|                |                |  |       |
|----------------|----------------|--|-------|
| <b>2936836</b> | 1100<br>CT2-02 | Bricklayer's chisel No. 110-256, 250x16 mm<br>Electrician's chisel No. 112-2510, 4kt 250x10x7 mm<br>Locksmith's hammer No. 600 H-500, 500 g<br>Adjustable open-end wrench No. 60 CP 8, 8"<br>Universal pliers No. 142 10 JC, 10"<br>Stripping pliers No. 8097<br>Automatic multi-purpose pliers No.8133-180 JC, 180 mm<br>VDE Side cutters No. VDE 8314-160 H, 160 mm<br>VDE Flat round nose pliers No. VDE 8132-200 H, 200 mm<br>VDE Flat round nose pliers No. VDE 8132 AB-200 H, angled 200 mm<br>VDE Wire strippers No. VDE 8098-160 H, 160 mm<br>VDE Cable cutter No. VDE 8094, 200 mm<br>Universal cable knife No. 4528, blade-L. 50 mm<br>electrical insulation tape No. 4629, tape-L.10 m<br>spatula No. 0175-06, sheet-B. 60 mm | 3,895 |
|----------------|----------------|--|-------|

| Code           | No.        | Designation                       |  |
|----------------|------------|-----------------------------------|---|
| <b>2690047</b> | EI-1100-02 | Foam insert 2/2 L-BOXX 136, empty | 0,2   |



**1100-03**  
 INSTALLATION tool  
 assortment in  
 GEDORE L-BOXX® 136,  
 44 pieces



1100 L



1100 CT2-03-100 B



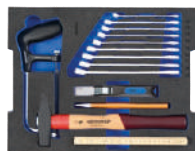
1100 CT2-03-600 D

- > Especially suitable for professions in sanitary, heating and air conditioning technology
- > CT(Check Tool) bicolor foam tool modules
- > With 2 stacked Check-Tool inserts

**1100-BASIC**  
 STARTER Tool kit  
 in L-BOXX® 136, 23  
 pieces



1100 L



1100 CT2-BASIC

- > Basic equipment for all trades

| Code           | No.     | Contents  | kg     |
|----------------|---------|---|--------|
| <b>2658216</b> | 1100-03 | Open-end wrench with ring ratchet No. 7 R, SW 10 13 17 19 24 mm<br>High-performance three-point pipe wrench ECK-SCHWEDE-snap No. 100 1.1/2, 1.1/2".<br>Universal Pliers No. 142 10 TL, 10".<br>Fitting wrench no. 322000, 260 mm<br>Pipe cutter No. 232001, Ø 4-32 mm<br>Pipe cutter No. 225011, stainless steel Ø 6-35 mm<br>Miniature pipe cutter MINI-QUICK No. 231000, Ø 4-16 mm<br>Cock block wrench set No. 381000 with extension 1/2" No. 1990-5<br>Combination Step Wrench No. 380100, with 5 graduations 3/8"-1<br>Engineer's hammer ROTBAND-PLUS No. 600 H-500 with hickory handle, 500 g<br>Bricklayer's chisel No. 110-256, 250x16 mm<br>Offset screwdriver No. SCL 43 TX-80, T9 T10 T15 T20 T25 T30 T40<br>Voltage Detector Slot No. VDE 4615. 12-1000 V, 3 mm<br>Professional key UNIVERSAL No. 45 P, for climate and locks<br>Offset screwdriver No. H 42-10, hexagon SW 1.3 1.5 2 2.5 3 4 5 6 8 10 mm<br>Stand tap wrench No. 316500, 260 mm<br>Wooden folding rule No. 4533-2, 2 m<br>VDE Screwdriver set No. VDE 2170-2160 PH-077, slot 2.5 4 5.5 6.5 mm, cross recess PH 0 1 2 | 10,306 |

|                |                          |  |      |
|----------------|--------------------------|--|------|
| <b>2940590</b> | 1100<br>CT2-03-<br>100 B | 7 R 10 13 17 19 24<br>100 1.1/2<br>142 10 TL<br>322000<br>232001<br>225011<br>231000<br>381000<br>380100 | 4,39 |
|----------------|--------------------------|--|------|

|                |                          |   |       |
|----------------|--------------------------|---|-------|
| <b>2940604</b> | 1100<br>CT2-03-<br>600 D | 600 H-500<br>110-256<br>SCL 43 TX-80<br>VDE 4616<br>45 P<br>H 42-10<br>316500 | 2,622 |
|----------------|--------------------------|---|-------|

| Code           | No.              | Designation                               | kg  |
|----------------|------------------|---|-----|
| <b>2689979</b> | EI-1100-03-100 B | Foam insert 2/2 L-BOXX 136, bottom, empty | 0,1 |
| <b>2690039</b> | EI-1100-03-600 D | Foam insert 2/2 L-BOXX 136, lid, empty    | 0,2 |

| Code           | No.        | Contents   | kg  |
|----------------|------------|--|-----|
| <b>2835983</b> | 1100-BASIC | L-BOXX® 136 No. 1100 L<br>+ Assortment No. S 1100 W-001<br>+ Assortment No. 1100 CT2-BASIC | 6,1 |

|                |                    |  |     |
|----------------|--------------------|--|-----|
| <b>2835967</b> | 1100 CT2-<br>BASIC | Open-end wrench with ring ratchet No. 7 R,<br>SW 10 12 13 14 15 16 17 18 19 mm<br>Universal cable knife No. 4528, blade-L. 50 mm<br>wood link scale No. 4533-2, 2 m<br>Hobby saw No.406, blade-L. 145 mm<br>flat chisel No. 95-200, 200x23x13 mm<br>engineer's hammer No. 600 H-500, 500 g | 2,4 |
|----------------|--------------------|--|-----|

| Code           | No.                   | Designation                       | kg  |
|----------------|-----------------------|-----------------------------------|-----|
| <b>2835975</b> | EI-1100 CT2-<br>BASIC | Foam insert 2/2 L-BOXX 136, empty | 0,2 |




**1100-1.04**

Universal puller set  
in L-BOXX® 136  
13 pieces

**1100 L****1100 CT2-1.04**

- > With 2- and 3-arm cross-beam
- > With rigid and slim legs and extensions
- > Extra slim Pulling hooks for narrow installation spaces are included for self-installation
- > 12 different pullers can be combined

| Code           | No.       | Contents  |  |
|----------------|-----------|---|---|
| <b>2838362</b> | 1100-1.04 | Universal puller HIGH POWER No. 1.04/HP1A-B, 2-arm, 130x100 mm<br>Cross-beam No. 107/1A03, 3-arm 180 mm<br>Pulling leg No. 106/A-100-B, all-steel, leg brake<br>3x extension No. 106/A-100-VB with leg brake 100 mm<br>3x pulling leg No. 106/A-100-S, slim 100 mm<br>3x pulling leg No. 106/S101-S, without clamping part<br>Spindle No. 1.1406200, 17 M14x1,5 200 mm<br>+ GEDORE L-BOXX® 136 No. 1100 L | 6,3   |

|                |               |  |     |
|----------------|---------------|--|-----|
| <b>2836068</b> | 1100 CT2-1.04 | Universal puller HIGH POWER No. 1.04/HP1A-B, 2-arm, 130x100 mm<br>Cross-beam No. 107/1A03, 3-arm 180 mm<br>Pulling leg No. 106/A-100-B, all-steel, leg brake<br>3x extension No. 106/A-100-VB with leg brake 100 mm<br>3x pulling leg No. 106/A-100-S, slim 100 mm<br>3x pulling leg No. 106/S101-S, without clamping part<br>Spindle No. 1.1406200, 17 M14x1,5 200 mm | 4,1 |
|----------------|---------------|--|-----|


| Code           | No.                 | Designation                       |  |
|----------------|---------------------|-----------------------------------|---|
| <b>2836076</b> | EI-1100<br>CT2-1.04 | Foam insert 2/2 L-BOXX 136, empty | 0,2   |

**1100-1.04/12A**


Puller assortment  
inside/outside  
in L-BOXX® 136

**1100 L****1100 CT2-1.04/12A**

- > Max. capacity 3 and 5 t
- > For clamping widths up to Ø 200 mm external, Ø 70-260 mm internal, and clamping depths up to 300 mm
- > Quick release hook with self-supporting T-profile for better power transmission
- > 2 steel extensions each 100 and 150 mm with leg brake for quick adjustment of the legs

| Code           | No.           | Contents   |  |
|----------------|---------------|--|---|
| <b>2927241</b> | 1100-1.04/12A | Universal puller No. 1x 1.04/1A, 2-arm 130x100 mm<br>Universal puller No. 1.04/2A 2-arm 200x150 mm<br>Extension with hook brake no. 106/A-100-VB, 100 mm<br>Extension with hook brake No. 106/B-150-VB, 150 mm<br>Spindle No. 1.1406200 SW 17 M14x1,5 200 mm<br>spindle No. 1.2106350KS, SW 22, G 1/2", 350 mm, with ball point<br>+ GEDORE L-BOXX® 136 No. 1100 L | 9,6   |

|                |                   |   |     |
|----------------|-------------------|---|-----|
| <b>2927268</b> | 1100 CT2-1.04/12A | Universal puller No. 1x 1.04/1A, 2-arm 130x100 mm<br>Universal puller No. 1.04/2A 2-arm 200x150 mm<br>Extension with hook brake no. 106/A-100-VB, 100 mm<br>Extension with hook brake No. 106/B-150-VB, 150 mm<br>Spindle No. 1.1406200 SW 17 M14x1,5 200 mm<br>spindle No. 1.2106350KS, SW 22, G 1/2", 350 mm, with ball point | 7,4 |
|----------------|-------------------|---|-----|

| Code           | No.                  | Designation                       |  |
|----------------|----------------------|-----------------------------------|---|
| <b>2927276</b> | EI-1100 CT2-1.04/12A | Foam insert 2/2 L-BOXX 136, empty | 0,2   |

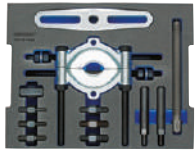
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**1100-1.41/2A**

Separator and puller set in L-BOXX® 136



1100 L



1100 CT2-1.41/2A

- > For clamping widths from Ø 22 to 115 mm and clamping depths up to 295 mm
- > Incl. thread adaptor for internal threads M8-M18
- > For loosening and removing tightly-seated parts e.g. taper roller bearings and inner bearing races

| Code           | No.          | Contents   |      |
|----------------|--------------|--|------|
| <b>2927284</b> | 1100-1.41/2A | Separator puller No. 1x 1.38/2, 70-215 mm<br>Separator No. 1.40/2, 22-115 mm<br>Set of threaded inserts No. 1.81/20, for 1 and 2-hole applications, M14x1.5<br>2x extension No. 1.38/CV M14x1.5<br>+ GEDORE L-BOXX® 136 No. 1100 L | 11,5 |

|                |                  |  |     |
|----------------|------------------|--|-----|
| <b>2927292</b> | 1100 CT2-1.41/2A | 1x 1.38/2<br>1x 1.40/2<br>1x 1.81/20<br>1x 1.38/CV | 7,9 |
|----------------|------------------|--|-----|

| Code           | No.                 | Designation                       |     |
|----------------|---------------------|-----------------------------------|-----|
| <b>2927306</b> | EI-1100 CT2-1.41/2A | Foam insert 2/2 L-BOXX 136, empty | 0,2 |

**1100-1.30**

Internal extractor set in L-BOXX® 136, 8-pieces



1100 L



1100 CT2-1.30

- > For inner diameter 12 - 35 mm
- > For extremely-tightly-packed ball bearings, bearing races, bushings, and shaft seals Simmering®
- > With slide hammer and counter support

| Code           | No.       | Contents  |     |
|----------------|-----------|---|-----|
| <b>2836041</b> | 1100-1.30 | Internal extractor No. 1.30/2, 12-15 mm<br>Internal extractor No. 1.30/3, 15-19 mm<br>Internal extractor No. 1.30/4, 19-25 mm<br>Internal extractor No. 1.30/4A, 25-30 mm<br>Internal extractor No. 1.30/45, 30-35 mm<br>Counter support No. 1.36/1 for 1.30/0 - 1.30/5<br>Sliding hammer No. 1.35/2, 500 mm, 1,7 kg<br>+ GEDORE L-BOXX® 136 No. 1100 L | 7,2 |

|                |               |  |   |
|----------------|---------------|--|---|
| <b>2836025</b> | 1100 CT2-1.30 | Internal extractor No. 1.30/2, 12-15 mm<br>Internal extractor No. 1.30/3, 15-19 mm<br>Internal extractor No. 1.30/4, 19-25 mm<br>Internal extractor No. 1.30/4A, 25-30 mm<br>Internal extractor No. 1.30/45, 30-35 mm<br>Counter support No. 1.36/1 für 1.30/0 - 1.30/5<br>Sliding hammer No. 1.35/2, 500 mm, 1,7 kg | 5 |
|----------------|---------------|--|---|

| Code           | No.              | Designation                       |     |
|----------------|------------------|-----------------------------------|-----|
| <b>2836033</b> | EI-1100 CT2-1.30 | Foam insert 2/2 L-BOXX 136, empty | 0,2 |

**1100 CT1-7**  
Combination  
spanner set  
in 1/2 L-BOXX® 136  
module, 12 pieces



| Code           | No.              | Contents  |     |
|----------------|------------------|---|-----|
| <b>2835908</b> | 1100 CT1-7       | Combination spanner No. 7, Size 8 10 12 13 14 15 16 17 18 19 22 24 mm | 1,5 |
| Code           | No.              | Designation   |     |
| <b>2835924</b> | EI-1100<br>CT1-7 | Foam insert 1/2 L-BOXX 136, empty                                     | 0,1 |

**1100 CT1-19**  
Socket set 1/2"  
in 1/2 L-BOXX® 136  
module, 21 pieces



| Code           | No.               | Contents   |       |
|----------------|-------------------|--|-------|
| <b>2836009</b> | 1100 CT1-19       | 1/2" socket No. 19, AF 8 9 10 11 12 13 14 15 16 17 18 19 21 22 24 27 30 32 mm<br>1/2" reversible ratchet No. 1993 U-20<br>1/2" universal extension No. 1990 KR-5 -10, 125 250 mm | 2,8   |
| Code           | No.               | Designation  |       |
| <b>2836017</b> | EI-1100<br>CT1-19 | Foam insert 1/2 L-BOXX 136, empty  | 0,085 |

**1100 CT1-20**  
Socket set 1/4"  
in 1/2 L-BOXX® 136  
module, 44 pieces



> universal with sockets  
and bits

| Code           | No.               | Contents  |       |
|----------------|-------------------|---|-------|
| <b>2835886</b> | 1100 CT1-20       | 1/4" socket No. 20, AF 4 5 5.5 6 7 8 9 10 11 12 13 mm<br>1/4" reversible ratchet 2093 U-20<br>1/4" extension No. 2090-4, 97 mm<br>1/4" bit holder No. 699, hex<br>Bit adapter No. 620, 1/4" hex x 1/4" square<br>1/4" multi-handle No. 676<br>1/4" screwdriver bit slotted No.680, 4 4.5 5.5 6.5 8 mm<br>1/4" screwdriver bit hex No. 685, 3 4 5 6 8 10 mm<br>1/4" screwdriver bit cross-slotted No.690, PH 1 2 3<br>1/4" screwdriver bit cross-slotted No. 690, PZ 1 2 3<br>1/4" screwdriver bit TX No. 687, T6 T7 T8 T9 T10 T15 T20 T25 T27 T30 T40 | 0,856 |
| Code           | No.               | Designation   |       |
| <b>2835894</b> | EI-1100<br>CT1-20 | Foam insert 1/2 L-BOXX 136, empty   | 0,16  |

**1100 CT1-350**  
Chisel set  
in 1/2 L-BOXX® 136  
module, 9 pieces



> Club hammer  
ROTBAND-PLUS for  
powerful blows

| Code           | No.                | Contents   |     |
|----------------|--------------------|--|-----|
| <b>2835932</b> | 1100 CT1-350       | Percussion tool set No. 106, 6 pcs.<br>electric chisel No. 112-2508, 250x8x6 mm<br>bricklayer's chisel No. 110-256, 250x16 mm<br>hammer No. 620 E-1000, 1000 g | 2,3 |
| Code           | No.                | Designation  |     |
| <b>2835959</b> | EI-1100<br>CT1-350 | Foam insert 1/2 L-BOXX 136, empty  | 0,1 |

**1101-7-7 R**

Combination spanner set in i-BOXX® 72, 15 pieces



- > Frequently used spanner widths as practical ratchet
- > In GEDORE i-BOXX® 72 No. 1101 L
- > Dimensions: W 367 x D 316 x H 72 mm

| Code           | No.        | Contents  |     |
|----------------|------------|---|-----|
| <b>2836114</b> | 1101-7-7 R | 7 R 10 13 17 19<br>7 6 8 11 12 14 15 16 18 21 22 24<br>+ 1101 L | 2,9 |

**1101-D 20**

Socket set 1/4" in i-BOXX® 72 58 pieces



- > universal with sockets and bits
- > In GEDORE i-BOXX® 72 No. 1101 L
- > Dimensions: W 367 x D 316 x H 72 mm

| Code           | No.       | Contents   |   |
|----------------|-----------|--|---|
| <b>2836165</b> | 1101-D 20 | 1/4" socket No. 20, AF 4 4.5 5 5.5 6 7 8 mm<br>1/4" reversible ratchet 2093 U-20<br>1/4" extension No. 2090-2 -4, 55 97 mm<br>1/4" universal joint No. 2095<br>Bit adaptor No. 620, 1/4" hex x 1/4" square<br>1/4" multi-handle No. 676<br>Adaptor No. 673 6.3, 1/4" hex x 1/4" square<br>1/4" bit holder No. 699, hex<br>1/4" screwdriver bit slotted No.680, 4 5.5 6.5 8 mm<br>1/4" screwdriver bit hex No. 685, 3 4 5 6 8 10 mm<br>1/4" screwdriver bit XZN No. 685 X, M5 M6 M8<br>1/4" screwdriver bit cross-slotted No.690, PH 1 2 3<br>1/4" screwdriver bit cross-slotted No. 690, PZ 1 2 3<br>1/4" screwdriver bit TX No. 687, T6 T7 T8 T9 T10 T15 T20 T25 T27 T30 T40<br>1/4" screwdriver bit TX with hole No. 688 T10 T15 T20 T25 T27 T30 T40<br>Inset box No. E-1101 BT, with two partitions | 2 |

**1101-19**

Socket set 1/2" in i-BOXX® 72, 21 pieces



- > In GEDORE i-BOXX® 72 No. 1101 L
- > Dimensions: W 367 x D 316 x H 72 mm

| Code           | No.     | Contents  |      |
|----------------|---------|---|------|
| <b>2836084</b> | 1101-19 | 1/2" socket No. 19, AF 8 9 10 11 12 13 14 15 16 17 18 19 21<br>22 24 27 30 32 mm<br>1/2" reversible ratchet No. 1993 U-20<br>1/2" universal extension No. 1990 KR-5 -10, 125 250 mm | 4,05 |

**1101-142-2150**

Pliers and screwdriver assortment in i-BOXX® 72, 9 pieces



- > In GEDORE i-BOXX® 72 No. 1101 L
- > Dimensions: W 367 x D 316 x H 72 mm

| Code           | No.           | Contents  |     |
|----------------|---------------|---|-----|
| <b>2836149</b> | 1101-142-2150 | 3C screwdriver slot No. 2150, 4 5.5 6.5 mm<br>3C-Screwdriver Cross-recess No. 2160 PH 1 2<br>Voltage Detector Slot No. 4615 3, 220-250 V, 3 mm<br>Multiple Pliers No.8133-180 JC, 180 mm 2C handle<br>Power side cutters No. 8316-160 JC, 160 mm 2C handle<br>Universal Pliers no. 142 10 TL, 10" | 1,9 |

**1101-1.29/1K**

Ball bearing extractor set in i-BOXX® 72



- › Ball bearing extractor set for over 30 ball bearings
- › For removing ball bearings that are both on a shaft and in a housing
- › Non-destructive removal of deep-groove ball bearings without dismantling the shaft; no drilling of the bearing cage necessary (chip free)

| Code           | No.          | for ball bearing No. | Contents   | kg   |
|----------------|--------------|----------------------|--|------|
| <b>2963485</b> | 1101-1.29/1K | 6000 6001 6002 6003  | 129/104 Head                                       | 2,61 |
|                |              | 6005 6006 6007 6008  | 129.106 Spindle SW 14, M10x1,5, 160 mm             |      |
|                |              | 6009 6010 6011 6012  | 129/304 Head                                       |      |
|                |              | 6200 6201 6202 6203  | 129.306 Spindle SW 17, M14x2,0, 210 mm             |      |
|                |              | 6204 6205 6206 6207  | 129/10 Pulling leg 1 pc. 140 mm (4x)               |      |
|                |              | 6300 6301 6302 6303  | 129/15 Pulling leg 1 pc. 140 mm (4x)               |      |
|                |              | 6304 6305 6306 6307  | 129/25 Pulling leg 1 pc. 170 mm (4x)               |      |
|                |              | 6403 6404            | 129/30 Pulling leg 1 pc. 178mm with 3 Spacers (4x) |      |
|                |              |                      | 129/35 Pulling leg 1 pc. 178mm with 5 Spacers (4x) |      |
|                |              |                      | 1.29/0 burnished handle                            |      |
|                |              |                      | EI-1101 CT-1.29/3K Foam insert i-BOXX 72, empty    |      |
|                |              |                      | 1101 L GEDORE i-BOXX 72 empty                      |      |

|                |                 |                     |  |      |
|----------------|-----------------|---------------------|--|------|
| <b>2964414</b> | 1101 CT-1.29/1K | 6000 6001 6002 6003 | 129/104 head                                       | 1,75 |
|                |                 | 6005 6006 6007 6008 | 129.106 Spindle SW 14, M10x1.5, 160 mm             |      |
|                |                 | 6009 6010 6011 6012 | 129/304 head                                       |      |
|                |                 | 6200 6201 6202 6203 | 129.306 Spindle SW 17, M14x2.0, 210 mm             |      |
|                |                 | 6204 6205 6206 6207 | 129/10 pulling leg 1 pc. 140 mm (4x)               |      |
|                |                 | 6300 6301 6302 6303 | 129/15 pulling leg 1 pc. 140 mm (4x)               |      |
|                |                 | 6304 6305 6306 6307 | 129/25 pulling leg 1 pc. 170 mm (4x)               |      |
|                |                 | 6403 6404           | 129/30 pulling leg 1 pc. 178mm with 3 spacers (4x) |      |
|                |                 |                     | 129/35 pulling leg 1 pc. 178mm with 5 spacers (4x) |      |
|                |                 |                     | 1.29/0 handle burnished                            |      |
|                |                 |                     | EI-1101 CT-1.29/3K foam insert i-BOXX 72, empty    |      |

| Code           | No.                | Designation                  | kg   |
|----------------|--------------------|------------------------------|------|
| <b>2964449</b> | EI-1101 CT-1.29/3K | Foam insert i-BOXX 72, empty | 0,11 |

**1101-1.29/3K**

Ball bearing extractor set in i-BOXX® 72



- › Ball bearing extractor set for over 40 ball bearings
- › For removing ball bearings that are both on a shaft and in a housing
- › Non-destructive removal of deep-groove ball bearings without dismantling the shaft; no drilling of the bearing cage necessary (chip free)

| Code           | No.          | for ball bearing No. | Contents  | kg   |
|----------------|--------------|----------------------|---|------|
| <b>2964392</b> | 1101-1.29/3K | 6000 6001 6002 6003  | 129/104 head  | 5,78 |
|                |              | 6004 6005 6006 6007  | 129.106 Spindle SW 14, M10x1.5, 160 mm              |      |
|                |              | 6008 6009 6010 6011  | 129/304 head  |      |
|                |              | 6012 6200 6201 6202  | 129.306 Spindle SW 17, M14x2.0, 210 mm              |      |
|                |              | 6203 6204 6205 6206  | 129/404 head  |      |
|                |              | 6207 6208 6209 6210  | 129.406 Spindle SW 19, M18x2.5, 230 mm              |      |
|                |              | 6211 6212 6213 6300  | 129/504 head  |      |
|                |              | 6301 6302 6303 6304  | 129.506 Spindle SW 22, M20x2.5, 235 mm              |      |
|                |              | 6305 6306 6307 6308  | 129/10 pulling leg 1 pc. 140 mm (4x)                |      |
|                |              | 6309 6310 6311 6403  | 129/15 pulling leg 1 pc. 140 mm (4x)                |      |
|                |              | 6404 6405 6406 6407  | 129/25 pulling leg 1 pc. 170 mm (4x)                |      |
|                |              |                      | 129/30 pulling leg 1 pc. 178mm with 3 spacers (4x)  |      |
|                |              |                      | 129/35 pulling leg 1 pc. 178mm with 5 spacers (4x)  |      |
|                |              |                      | 129/40 pulling leg 1 pc. 226mm with 5 spacers (4x)  |      |
|                |              |                      | 129/45 pulling leg 1 pc. 226mm with 11 spacers (4x) |      |
|                |              |                      | 1.29/0 handle burnished                             |      |
|                |              |                      | EI-1101 CT-1.29/3K foam insert i-BOXX 72, empty     |      |
|                |              |                      | 1101 L GEDORE i-BOXX 72 empty                       |      |

|                |                 |                     |   |       |
|----------------|-----------------|---------------------|---|-------|
| <b>2964430</b> | 1101 CT-1.29/3K | 6000 6001 6002 6003 | 129/104 head  | 6,195 |
|                |                 | 6004 6005 6006 6007 | 129.106 Spindle SW 14, M10x1.5, 160 mm              |       |
|                |                 | 6008 6009 6010 6011 | 129/304 head  |       |
|                |                 | 6012 6200 6201 6202 | 129.306 Spindle SW 17, M14x2.0, 210 mm              |       |
|                |                 | 6203 6204 6205 6206 | 129/404 head  |       |
|                |                 | 6207 6208 6209 6210 | 129.406 Spindle SW 19, M18x2.5, 230 mm              |       |
|                |                 | 6211 6212 6213 6300 | 129/504 head  |       |
|                |                 | 6301 6302 6303 6304 | 129.506 Spindle SW 22, M20x2.5, 235 mm              |       |
|                |                 | 6305 6306 6307 6308 | 129/10 pulling leg 1 pc. 140 mm (4x)                |       |
|                |                 | 6309 6310 6311 6403 | 129/15 pulling leg 1 pc. 140 mm (4x)                |       |
|                |                 | 6404 6405 6406 6407 | 129/25 pulling leg 1 pc. 170 mm (4x)                |       |
|                |                 |                     | 129/30 pulling leg 1 pc. 178mm with 3 spacers (4x)  |       |
|                |                 |                     | 129/35 pulling leg 1 pc. 178mm with 5 spacers (4x)  |       |
|                |                 |                     | 129/40 pulling leg 1 pc. 226mm with 5 spacers (4x)  |       |
|                |                 |                     | 129/45 pulling leg 1 pc. 226mm with 11 spacers (4x) |       |
|                |                 |                     | 1.29/0 handle burnished                             |       |
|                |                 |                     | EI-1101 CT-1.29/3K foam insert i-BOXX 72, empty     |       |

| Code           | No.                | Designation                  | kg   |
|----------------|--------------------|------------------------------|------|
| <b>2964449</b> | EI-1101 CT-1.29/3K | Foam insert i-BOXX 72, empty | 0,11 |



**1100 W-001**

Tool board with pliers/  
screwdriver assortment  
9 pieces



> To retrofit existing  
L-BOXX®es 136



| Code           | No.             | Contents   |       |
|----------------|-----------------|--|-------|
| <b>2836181</b> | 1100<br>W-001   | Multiple Pliers No. 8133-180 JC, 180 mm 2C-Handle<br>Power side cutters No. 8316-180 JC, 180 mm 2-component handle<br>Universal Pliers No. 142 10 TL, 10".<br>3C-Screwdriver slot No. 2150, 4 5.5 6.5 mm<br>3C-Screwdriver Cross-recess No. 2160 PH 1 2<br>Voltage Detector Slot No. 4615, 3 mm<br>+ tool card No. ET-1100 W | 1,795 |
| <b>2836211</b> | S 1100<br>W-001 | Multiple Pliers No. 8133-180 JC, 180 mm 2C-Handle<br>Power side cutters No. 8316-180 JC, 180 mm 2-component handle<br>Universal Pliers No. 142 10 TL, 10".<br>3C-Screwdriver slot No. 2150, 4 5.5 6.5 mm<br>3C-Screwdriver Cross-recess No. 2160 PH 1 2<br>Voltage Detector Slot No. 4615, 3 mm                              | 1,1   |

**1100 W-002 VDE**

Tool board with  
VDE pliers/screwdriver  
assortment  
9 pieces



> To retrofit existing  
L-BOXX®es 136



| Code           | No.                    | Contents  |      |
|----------------|------------------------|---|------|
| <b>2836203</b> | 1100<br>W-002<br>VDE   | VDE side cutter No. VDE 8314-160 H, 160 mm<br>VDE Flat nose pliers No. VDE 8132-160 H, 160 mm<br>VDE Screwdriver slot No. VDE 2170, 2.5 3.5 5.5 mm<br>VDE Screwdriver Cross-recess No. VDE 2160 PH 1 2<br>VDE Screwdriver cross recess No. VDE 2160 PZ 1 2<br>+ Tool card No. ET-1100 | 1,52 |
| <b>2836238</b> | S 1100<br>W-002<br>VDE | VDE side cutter No. VDE 8314-160 H, 160 mm<br>VDE Flat nose pliers No. VDE 8132-160 H, 160 mm<br>VDE Screwdriver slot No. VDE 2170, 2.5 3.5 5.5 mm<br>VDE Screwdriver Cross-recess No. VDE 2160 PH 1 2<br>VDE Screwdriver cross recess No. VDE 2160 PZ 1 2                            | 0,8  |

**ET-1100 W**

Lid tool board  
empty



- > retrofittable for any L-BOXX®
- > Rubber straps and pockets for inserting tools

> Mounting material for L-BOXX® 136 is included

| Code           | No.       | W   | L  | H   |     |
|----------------|-----------|-----|----|-----|-----|
| <b>2678322</b> | ET-1100 W | 375 | 20 | 310 | 0,4 |

**1100 L**

GEDORE L-BOXX® 136 with easy carry handle



- > Made of impact and shock resistant ABS plastic
- > Top and front handle for variable transport of the L-BOXX®
- > With tool board for order and more storage space

> For integration in vehicles with Sortimo® vehicle equipment

| Code           | No.    | W   | L   | H   |     |
|----------------|--------|-----|-----|-----|-----|
| <b>2823691</b> | 1100 L | 442 | 357 | 151 | 2,2 |


### 1100 R

GEDORE L-BOXX® Roller



- > Practical, mobile trolley for all L-BOXX® types
- > 4 steerable wheels, 2 of which have brakes

- > Loadable up to 100 kg

| Code    | No.    | W   | L   | H   |  |
|---------|--------|-----|-----|-----|---|
| 2823756 | 1100 R | 646 | 492 | 184 | 4,4   |


### 1101 L

GEDORE i-BOXX® 72



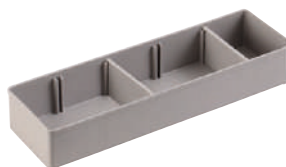
- > Small parts case with transparent lid for quick viewing
- > Optional inset boxes i3 for an individual sorting

- > Suitable for i-BOXX® Rack aktiv no. 1101 K

| Code    | No.    | W   | L   | H  |  |
|---------|--------|-----|-----|----|---|
| 2823705 | 1101 L | 367 | 316 | 72 | 0,9   |

### E-1101 BT

GEDORE Insetbox i3



- > For GEDORE i-BOXX® 72 no. 1101 L
- > As storage for small parts

- > Further subdivision possible with 2 partitions

| Code    | No.       | W   | L  | H  |  |
|---------|-----------|-----|----|----|---|
| 2840006 | E-1101 BT | 260 | 78 | 63 | 0,1   |


### 1102 L

GEDORE L-BOXX® Mini



- > Compatible with the GEDORE BOXX®en system
- > Especially suitable for small tools

- > Also usable as small parts box, incl. divider set

| Code    | No.    | W   | L   | H  |  |
|---------|--------|-----|-----|----|---|
| 2950529 | 1102 L | 260 | 155 | 63 | 0,36  |

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# TOOL ASSORTMENTS AND TOOL MODULES

This has not only been an issue since 5S: GEDORE has perfected workshop organisation and storage with its tool ranges and modules.

The areas of application in which the GEDORE tool range is used are just as varied as its range. To ensure that workers at every workplace has the optimally adapted set and the greatest flexibility in selecting the tools they need, GEDORE offers tool sets tailored to motor vehicles, commercial vehicles, plumbing, electrical installations or universal use.

Safe and organised storage of tools is increasingly important. That is why GEDORE has developed the module system: Tool inserts made of ES synthetic or CT foam, adapted to the drawer sizes of GEDORE tool trolleys and the compartments of toolboxes and chests.

The multitude of different module variants offer the possibility of equipping tool trolleys and rolling workbenches as desired and thus assembling the exact arrangement of tools for the tasks at hand. The large selection of pre-configured modules creates countless combination possibilities.



## CLEVER SOLUTIONS

Ideally suited for GEDORE tool trolleys and rolling workbenches with variable drawer arrangement



## EVERYTHING SAFELY STOWED AWAY

- Clearly arranged storage
- Safe transport
- Space-saving storage
- Versatile combination



VERSATILE  
SPACE-SAVING  
CLEARLY ARRANGED



### ES-PLASTIC MODULES

- Made of impact-resistant ABS plastic
- Oil and acid resistant
- The tool lies perfectly in position and is protected from damage
- Recessed grips make it easier to take out the tool

### CT-FOAM MODULES

- Simple visual check due to 2-coloured foam inserts
- Particularly suitable for work in sensitive areas where it must be ensured that no tools are left behind.
- Bottom layer blue, top layer black.  
The colour blue shows missing tools
- Clearly visible tool contours make it easier to put the tool back into the right nest
- The tool lies perfectly in place and is protected from damage
- Recessed grips make it easier to remove the tool
- Resistant to oils and greases
- Easy to clean with water and soap

1041-002

PROFI-tool assortment in case  
100 pieces




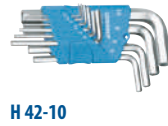
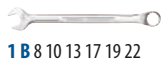
12,5 1/2" mm

- > Professional set for all trades
- > In a sturdy hard-shell case made of impact-resistant ABS plastic

- > Sturdy aluminium frame



| Code    | No.      | Contents   |  12,9 |
|---------|----------|--|--|
| 3082148 | 1041-002 | 100 piece tool assortment PROFi + case WK 1041 L |  |





**1041-001**


Tool assortment BASIC in case  
74 pieces



- > Basic equipment for all trades
- > In a sturdy hard-shell case made of impact-resistant ABS plastic

- > robust aluminium frame



| Code           | No.      | Contents  |  |
|----------------|----------|---|---|
| <b>3082121</b> | 1041-001 | 74 piece tool assortment BASIC + case WK 1041 L | 10,6  |



**1000**

Tool case TOURING  
49 pieces




12,5 1/2" mm

- > The perfect tool assortment
- > In a handy plastic case

- > GEDORE vanadium tools, chrome-plated
- > Dimensions: W 437 x D 397 x H 160 mm



| Code           | No.  | Contents  |  |
|----------------|------|---|---|
| <b>6600780</b> | 1000 | 49-piece tool assortment TOURING + case WK 1000 L | 7   |



1090

Tool case electrician  
90 pieces



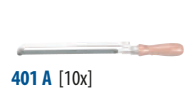
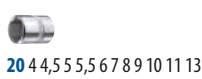
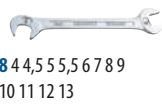
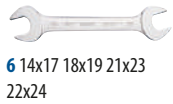
6,3 1/4 mm

- > The perfect tool set for the electrician or property manager
- > In a robust hard-shell case made of impact-resistant ABS plastic



- > GEDORE vanadium tools, chrome-plated
- > Dimensions: W 480 x D 370 x H 180 mm

| Code    | No.  | Contents                           |        |
|---------|------|------------------------------------|--------|
| 6601590 | 1090 | Assortment S 1090 + Case WK 1018 L | 13,155 |



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**1091**  
Electricians tool case  
18 pieces



- > Robust tool case with 18-piece assortment
- > Especially suitable for apprentices in electrical professions
- > Anti-Theft protection by 2 lockable latches, delivery includes 2 keys

> Inside dimensions: 430 x 200 x 290 mm



| Code           | No.  | Contents                           |  |
|----------------|------|------------------------------------|---|
| <b>1953710</b> | 1091 | Assortment S 1091 + Case WK 1091 L | 8,25  |



**VDE 2133** 7 8 10



**VDE 2160 PH** 1 2 3



**VDE 2170** 3 4 5,5



**4528**



**4533-2**



**VDE 4616**



**4629**



**8097**



**VDE 8132** -160 H



**VDE 8250** -180 H



**VDE 8316** -180 H



**E-1091 ST**

**S 1072-001**  
Tool bag with tool assortment  
29 pieces



- > With carrying handle and carrying strap
- > 17 open compartments, 1 of which with Velcro fastener

> Additional 7 internal stretch tape holders

| Code           | No.        | Contents                                      |  |
|----------------|------------|---|---|
| <b>3100448</b> | S 1072-001 | 29-piece tool assortment + tool bag WK 1072 L | 5,9   |



**7** 10 13 14 17 19



**D 19** 10 13 14 17 19



**1990** 125



**1993 U-20**



**2150** 5,5 8



**2160 PH** 12



**42** 2,5 3 4 5 6 8



**142** 12 TL



**4615-3** 220-250 V



**4534-3**



**8250-180 TL**



**95-150**



**4 E-300**

### S 1400 G

Universal tool assortment  
100 pieces



12,5 1/2"

- > Tools in metric sizes
- > Supplied in tool modules 1500 ES, suitable for fit in 5 drawers of the GEDORE tool trolleys (e.g. workster) and workbenches

> Also available in the 1400 L tool cabinet

| Code    | No.      | Contents                                   |      |
|---------|----------|--|------|
| 6612790 | S 1400 G | 100 Tools in metric sizes                  | 17,7 |
| 6613250 | 1400 G   | 100 Tools in metric sizes + cabinet 1400 L | 46,7 |



**H 42-10** 1,3 1,5 2 (S/64AF)  
2,5 3 4 5 6 8 10



**1500 ES-2**



**1500 ES-6**



**1500 ES-19**



**1500 ES-145**



**1500 ES-350**



**1500 ES-1993 T**



**1500 ES-2133**



**1500 ES-2150 PH**



**60 CP 8**



**137 10**



**600 E-500**



**406**



**403**



**132 -150**



**424026**



**225 E-40**



**8701 2-6**



**8719 2-6**



**8722 2-6**



**8728**



**1500 E-N L (3x)**

### S 1151

Tool assortment  
57 pieces

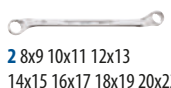


12,5 1/2"

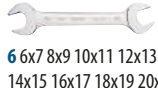
- > For workshops and service workstations
- > Tools in metric sizes

> Also available in tool box or on tool boards

| Code    | No.       | Contents                 |      |
|---------|-----------|--------------------------|------|
| 6607010 | S 1151    | 57 tools in metric sizes | 9,8  |
| 6610660 | 1151-1335 | 57 tools in metric sizes | 18,5 |



**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



**1993 U-10 T**



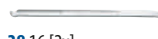
**1987**



**1990 -3-5-10**



**1995**



**38 16 [2x]**



**42** 2,5 3 4 5 6 8



**50**



**137 10**



**145 10 C**



**2150** 4,6,5,8



**2160 PH 2**



**299**



**4611**



**8250 -180 JC**



**8316 -160 JC**



**100 -12**



**99 10-4**



**97 -150**



**600 H -500**



S1007

Mechanic's tool assortment  
179 pieces
































































6,3 1/4" 12,5 1/2" 8 5/16"

- > A complete professional tool assortment
- > Suitable for mounting in GEDORE tool trolley No. WSL-L7 (workster)

> Tools in metric sizes

| Code    | No.    | Contents                           |  |
|---------|--------|------------------------------------|---|
| 6601080 | S 1007 | 179-piece tool assortment mechanic | 27,51   |

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| <br>2 6x7 8x9 10x11 12x13<br>14x15 16x17 18x19 20x22<br>21x23 24x27 25x28 30x32 | <br>6 6x7 8x9 10x11 12x13<br>14x15 16x17 18x19 20x22<br>21x23 24x27 25x28 30x32 | <br>20 4,5 5 5,5 6 7 8 9<br>10 11 13 | <br>19 8 10 11 12 13 14 15 16<br>17 18 19 21 22 23 24 26 27<br>28 30 32 | <br>2093-U3                 | <br>1993 U-10 T                             |
| <br>1987, 2087  | <br>1990 -5 -10, 2090 -4  | <br>1995, 2095                       | <br>IN 19 5 6 7 8 9 10 12 14 17   | <br>20 E                    | <br>PH 42-88 2 (5/64AF)<br>2,5 3 4 5 6 8 10 |
| <br>60 CP 8  | <br>298-04   | <br>137 10                          | <br>140   | <br>143 10 C               | <br>144 7 C                                |
| <br>2150 3 4 5,5 6,5 8 10   | <br>2153 6,5  | <br>156 S                          | <br>2160 PH 1 2 3   | <br>2160 PZ 1 2           | <br>2098                                  |
| <br>2161 PH 1 2   | <br>175 1.1/2   | <br>248 ST -40                     | <br>600 H -500  | <br>132 -200              | <br>139 -400                              |
| <br>100-10  | <br>99 10-3 12-5  | <br>97 -125 -150 -200              | <br>98 -125   | <br>119 -2 -3 -4 -5 -6 -8 | <br>424026                                |
| <br>404   | <br>407   | <br>640 -1800                      | <br>710   | <br>745                   | <br>KB 819, KB 820                        |
| <br>K 1900-018  | <br>0513-09   | <br>4534 -3                        | <br>8000 A1, A2   | <br>8000 A11, A21         | <br>8000 J1, J2                           |
| <br>8000 J11, J21   | <br>8250 -180 JC  | <br>8132 -160 JC                   | <br>8132 AB -160 JC   | <br>8316 -160 JC          | <br>8719 2-8                              |
| <br>8722 2-8  | <br>8725 2-8  | <br>8728                           | <br>8367 -160 JC  | <br>8551 1 2 3 4 5 6 7 8  | <br>8701 2-8                              |
| <br>8722  |  |   |  |  |  |


S 1151 A

Tool assortment inch  
57 pieces



12,5 1/2 "AF

- > For workshops and service stations
- > Tools in inch sizes
- > Also available in tool box

| Code    | No.      | Contents               |  |
|---------|----------|------------------------|---|
| 6607280 | S 1151 A | 57 Tools in inch sizes | 9,355   |

**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

**1993 U-10 T**

**1995**

**38**  
16 [2x]

**1987**

**42** 3/32AF 1/8AF 5/32AF 3/16AF  
7/32AF (5,5MM) 1/4AF

**2150** 4 6,5 8

**2160** 2

**50**

**137** 10

**145** 10 C

**299**

**100** -12

**99** 10-4

**97** -150

**4611**

**8250** -180 JC

**8316** -160 JC

**8606** 1

S 1500 ES-01


Module assortment small  
104 pieces



6,3 1/4" 12,5 1/2"

- > General basic assortment for beginners of all professions
- > Tools in metric sizes

- > Tool modules made of ABS plastic

| Code    | No.          | Contents  |  |
|---------|--------------|---|---|
| 2319845 | S 1500 ES-01 | Combination wrench set in 2/3 ES-module No. 1500 ES-1 B<br>1/2" set of socket wrench inserts in 1/3 ES-module No. 1500 ES-19, hexagon<br>1/2" accessories for socket wrench inserts in 1/3 ES module No. 1500 ES-1993 U-20<br>1/4" socket wrench assortment in 1/3 ES module No. 1500 ES-20<br>Pliers assortment in 1/3 ES module No. 1500 ES-145<br>Chisel assortment in 1/3 ES module No. 1500 ES-350<br>Screwdriver set in 1/3 ES module No. 1500 ES-2150 PH | 14,02   |



1500 ES-1 B



1500 ES-19



1500 ES-1993 U-20



1500 ES-20



1500 ES-145



1500 ES-350



1500 ES-2150 PH

S 1500 ES-02

Module assortment middle  
207 pieces




+



6,3 1/4 12,5 1/2 8 5/16

- > Basic equipment for the commercial sector or ambitious DIY enthusiast
- > Tools in metric sizes

> Tool modules made of ABS plastic

| Code    | No.             | Contents  |  |
|---------|-----------------|---|---|
| 2319853 | S 1500 ES-02    | Combination spanner set in 2/3 ES module No. 1500 ES-1 B<br>Double open ended spanner set in 1/3 ES module No. 1500 ES-6<br>1/2" set of socket wrench inserts in 1/3 ES module No. 1500 ES-19 IS<br>1/2" set screwdriver inserts in 1/3 ES module No. 1500 ES-ITX 19 LKP<br>1/2" set screwdriver inserts in 1/3 ES module No. 1500 ES-IN 19 LKM<br>1/2" accessories for socket wrench inserts in 1/3 ES module No. 1500 ES-1993 U-20<br>1/4" socket wrench assortment in 1/3 ES module No. 1500 ES-20<br>Socket wrench set in 1/3 ES module No. 1500 ES-2133<br>Set of open-end wrenches with ring ratchet in 1/3 ES module No. 1500 ES-7 R<br>Pliers assortment in 1/3 ES module No. 1500 ES-145<br>Chisel assortment in 1/3 ES module No. 1500 ES-350<br>Measuring assortment in 1/3 ES module No. 1500 ES-711<br>Screwdriver set in 1/3 ES module No. 1500 ES-2150 PH 1/2" ES-2150 PH<br>Screwdriver assortment in 1/3 ES module No. 1500 ES-K 1900<br>Set of mounting pliers in 1/3 ES module No. 1500 ES-8000<br>Distance module empty No.1500 ED-70 K, 475x77x40 mm [6x]. | 28,3  |
| 2657708 | 1500 ES-02-2004 | 207 tools in metric dimensions<br>+ Tool trolley with 8 drawers No. 2004 0620   | 117,1   |



1500 ES-1 B



1500 ES-6



1500 ES-19 IS



1500 ES-ITX 19 LKP



1500 ES-IN 19 LKM



1500 ES-1993 U-20



1500 ES-20



1500 ES-2133



1500 ES-7 R



1500 ES-145



1500 ES-350



1500 ES-711



1500 ES-2150 PH



1500 ES-K 1900



1500 ES-8000



1500 ED-70 K (6x)

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**S 1500 ES-03**  
Module assortment large  
325 pieces



6,3 1/4" 12,5 1/2" 6,3 1/4" 8 5/16"

- > Extensive industrial range for professionals
- > Tools in metric sizes

- > Tool modules made of ABS plastic

| Code           | No.             | Contents  |       |
|----------------|-----------------|---|-------|
| <b>2319861</b> | S 1500 ES-03    | Combination wrench set in 2/3 ES-module No. 1500 ES-1 B<br>1/2" set of socket wrench inserts in 1/3 ES-module No. 1500 ES-19 IS<br>1/2" accessories for socket wrench inserts in 1/3 ES module No. 1500 ES-1993 U-20<br>Double-end box wrench set in 1/3 ES module No. 1500 ES-2<br>Double ended ring wrench set in ES module No. 1500 ES-2 B, short pattern<br>1/4" socket wrench assortment in 1/3 ES module No. 1500 ES-20<br>1/4" socket wrench assortment in CT module No. 1500 CTD-20 BIT<br>Socket wrench set in 1/3 ES module No. 1500 ES-2133<br>Screwdriver set in 1/3 ES module No. 1500 ES-2150 PH<br>Screwdriver set in 1/3 ES module No. 1500 ES-2163 TX<br>Double jointed key set in 1/3 ES module No. 1500 ES-34<br>Chisel assortment in 1/3 ES module No. 1500 ES-350<br>Double ended ring wrench set in 1/3 ES module No. 1500 ES-400, open<br>Double open ended wrench set in 1/3 ES-module No. 1500 ES-6<br>Set of open-end wrenches with ring ratchet in 1/3 ES-module No. 1500 ES-7 R<br>Measuring assortment in 1/3 ES module No. 1500 ES-711<br>Set of mounting pliers in 1/3 ES module No. 1500 ES-8000<br>Offset screwdriver set in 2/3 ES module No. 1500 ES-DT 2142<br>1/2" set of screwdriver inserts in 1/3 ES module No. 1500 ES-IN 19 LKM<br>1/2" set of screwdriver inserts in 1/3 ES module No. 1500 ES-ITX 19 LKP<br>1/2" screwdriver assortment in 1/3 ES module No. 1500 ES-K 1900<br>VDE pliers assortment in 1/3 ES module, No. 1500 ES-VDE 145<br>VDE Screwdriver set in 1/3 ES module No. 1500 ES-VDE 2170 PZ<br>Screw extractor set No. 8551-55, M3-M18<br>Offset screwdriver set No. H 42 KEL-88, SW 2 2.5 3 4 5 6 8 10 mm, ball head<br>Offset screwdriver set No. H 43 KTX-07, SW TX T10 T15 T20 T25 T27 T30 T40<br>Warding file set No. 8728 Flat file, triangular, square, half-round, round file<br>Adjustable open-end wrench No. 60 P 8<br>10" Grip Pliers No. 137 10<br>Voltage Detector No. 4615 3, 220-250 V, 3mm<br>Cable knife No. 0513-09, 195 mm<br>1/2" fast turntable No. 1940<br>Distance module empty No. 1500 ED-70 K, 475x77x40 mm [7x]. | 38    |
| <b>2657716</b> | 1500 ES-03-2004 | 325 tools in metric dimensions<br>+ Tool trolley with 9 drawers No. 2004 0810   | 125,8 |



1500 ES-1 B



1500 ES-19 IS



1500 ES-1993 U-20



1500 ES 2



1500 ES-20



1500 ES-34



1500 CTD-20 BIT



1500 ES-2133



1500 ES-2150 PH



1500 ES-2163 TX



1500 ES-350



1500 ES-400



1500 ES-6



1500 ES-7 R



1500 ES-711



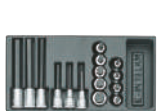
1500 ES-8000



1500 ES-K 1900



1500 ES-DT 42



1500 ES-IN 19 LKM



1500 ES-ITX 19 LKP



1500 ES-VDE 145



1500 ES-VDE 2170 PZ



1500 ES-1.07



8551-55



H 42 KEL-88



H 43 KTX-07



8728



60 P 8



137 10



4615 3



0513 09



1940




1500 ED-70 K (7x)

**TS-147**

Tool assortment in Check-Tool-Modules 147 pieces



- GEDORE Check-Tool-System: 2-colour foam insert to check that the set is complete
- Each tool is securely held in its own pocket, grip recesses facilitate removal of the tools


| Code           | No.    | Contents  |  |
|----------------|--------|---|---|
| <b>2955997</b> | TS-147 | 1/4"+1/2" socket range in CT module no. TS CT2-D19-D20, 81 pieces<br>Combination spanner set in CT module no. TS CT2-7, 24 pieces<br>Tool assortment in CT module no. TS CT2-2154SK-119, 14 pieces<br>Pliers range in CT module no. TS CT2-142, 28 pieces | 11,98   |

**TS-190**

Tool assortment in Check-Tool-Module 190 pieces



- GEDORE Check-Tool-System: 2-colour foam insert to check that the set is complete
- Each tool is securely held in its own pocket, grip recesses facilitate easy removal of the tools


| Code           | No.    | Contents   |  |
|----------------|--------|--|---|
| <b>2956527</b> | TS-190 | 1/4"+1/2" socket range in CT module no. TS CT2-D19-D20, 81 pieces<br>Combination spanner set in CT module no. TS CT2-7, 24 pieces<br>Tool assortment in CT module no. TS CT2-2154SK-119, 14 pieces<br>Pliers range in CT module no. TS CT2-142, 28 pieces<br>Tool assortment in 2/4 CT module no. TS CT2-6-8000, 15 pcs.<br>1/2" set screwdriver bits in 2/4 CT module no. TS CT2-ITX19, 28 pcs. | 17,08   |

**TS-308**

Tool assortment in Check-Tool-Module 308 pieces



- GEDORE Check-Tool-System: 2-colour foam insert to check that the set is complete
- Each tool is securely held in its own pocket, grip recesses facilitate easy removal of the tools

| Code           | No.    | Contents   |  |
|----------------|--------|--|---|
| <b>2956535</b> | TS-308 | 1/4" 1/2" socket wrench assortment in CT module No. TS CT2-D19-D20, 81 pcs<br>Combination spanner set in CT module No. TS CT2-7, 24 pcs<br>Tool assortment in CT module No. TS CT2-2154SK-119, 14 pcs.<br>Pliers assortment in CT module No. TS CT2-142, 28 pcs.<br>Tool assortment in 2/4 CT module No. TS CT2-6-8000, 15 pcs<br>1/2" set of screwdriver sockets in 2/4 CT module No. TS CT2-ITX19, 28 pcs<br>Tool assortment in 2/4 CT module No. TS CT2-2133-2163TX, 13 pcs<br>Wrench set in 2/4 CT module No. TS CT2-7R-2, 28 pcs<br>Tool assortment in 2/4 CT module No. TS CT2-D30, 59 pcs<br>Tool assortment in 2/4 CT module No. TS CT2-710, 17 pcs<br>Hacksaw No. 407 | 30,14   |



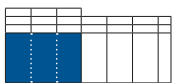
# i GEDORE MODULE SYSTEM

## Combine according to scheme

The areas of application in which the GEDORE tool range is used are just as varied as its range of tools. The GEDORE modular system was developed to ensure that every worker at every workplace has the best possible combination and the greatest possible flexibility in selecting the tools they need. The many different module variants offer the possibility of equipping tool trolleys and rolling workbenches as needed and thus assembling the exact arrangement of tools for the tasks at hand. The large selection of pre-configured modules offers countless combination possibilities.

GEDORE also has an ideal solution for special cases and requirements that are not covered by the module range: the iMOD range allows individual design of the tool modules and precise coordination with your own needs and guarantees perfect tool organisation.

### Drawer size with loading grid of the tool trolleys and rolling workbenches



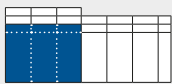
S  
W 480 x D 325 mm



1578



1580



M  
W 480 x D 400 mm



WSL-M6



2004 0511



2004 0810



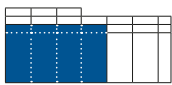
1504



1502



1506 XL



L  
W 640 x D 400 mm



WHL-L7



WSL-L7



2005 0511



2005 0810

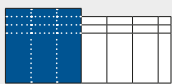


1504 XL



GTT B-S-177

LIMITED EDITION



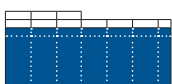
XL  
W 480 x D 550 mm  
Partial extract D 505 mm



1505



B 1500 L



XXL 1  
W 1055 x D 400 mm



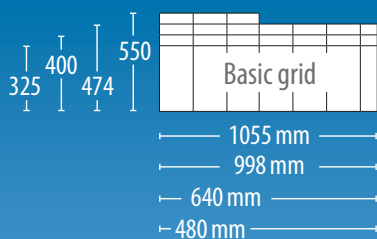
1504 XL



XXL 2  
W 998 x D 474 mm



1507 XL



The drawer sizes and module variants are shown using a common basic grid.

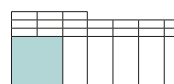
The respective drawers (blue) can be individually combined with the tool and distance modules (coloured) according to the grid.



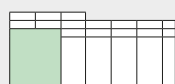
### Module variants for individual assembly



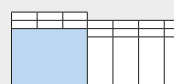
**1/3 MODULE**  
ES + CT1 MODULE  
W 157,5 x D 310 mm



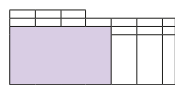
**2/3 MODULE**  
ES + CT2 MODULE  
W 315 x D 310 mm



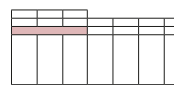
**2/4 MODULE**  
2005 + CT2 MODULE  
W 316,5 x D 390 mm



**3/4 MODULE**  
2005+ CT3 MODULE  
W 472,5 x D 390 mm



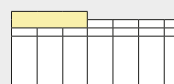
**4/4 MODULE**  
2005 + CT4 MODULE  
W 633 x D 390 mm



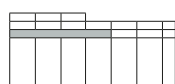
**70/70K MODULE**  
W 475 x D 77 mm



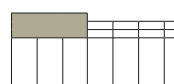
**1/3 MODULE DISTANCE MODULE**  
W 152 x D 77 mm



**150 K DISTANCE MODULE**  
W 480 x D 150 mm



**70 XL DISTANCE MODULE**  
W 625 x D 77 mm



**230 CT DISTANCE MODULE**  
W 475 x D 230 mm



## Modules

### 1500 ES-1 B

Combination  
spanner set  
in 2/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.         | Contents  |      |
|----------------|-------------|---|------|
| <b>6612280</b> | 1500 ES-1 B | 1 B 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22<br>PH 42-88 (2,2,5 3 4 5 6 8 10) | 2,79 |

| Code           | No.           |      |
|----------------|---------------|------|
| <b>5620330</b> | 1500 E-1B-7 L | 0,25 |

### 1500 ES-2

Double ended  
ring spanner set  
in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.       | Contents                                      |       |
|----------------|-----------|---|-------|
| <b>6621190</b> | 1500 ES-2 | 2 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 | 1,616 |

| Code           | No.        |      |
|----------------|------------|------|
| <b>5626290</b> | 1500 E-2 L | 0,25 |

### 1500 ES-400

Double ended  
ring spanner set, open  
in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.         | Contents                         |       |
|----------------|-------------|----------------------------------|-------|
| <b>1731157</b> | 1500 ES-400 | 400 8x10 10x11 12x14 13x15 17x19 | 0,824 |

| Code           | No.          | Designation     |      |
|----------------|--------------|-----------------|------|
| <b>1731173</b> | 1500 E-400 L | ES-Module empty | 0,12 |

### 1500 ES-6

Double open  
ended spanner set  
in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.       | Contents  |       |
|----------------|-----------|---|-------|
| <b>6621000</b> | 1500 ES-6 | 6 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 | 1,702 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>5626100</b> | 1500 E-6-7R L | ES-Module empty | 0,25 |

### 1500 ES-7

Combination  
spanner set  
in 2/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.       | Contents  |       |
|----------------|-----------|---|-------|
| <b>6612520</b> | 1500 ES-7 | 7 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22<br>PH 42-88 (2,2,5 3 4 5 6 8 10) | 2,232 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>5620330</b> | 1500 E-1B-7 L | ES-Module empty | 0,25 |

### 1500 ES-7-32

Combination  
spanner set  
in 2/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.          | Contents         |       |
|----------------|--------------|------------------|-------|
| <b>1761145</b> | 1500 ES-7-32 | 7 23 24 27 30 32 | 2,348 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>1761153</b> | 1500 E-7-32 L | ES-Module empty | 0,33 |

**1500 ES-7 R**  
Combination ratchet spanner set in 1/3 ES-Module

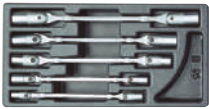


- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.         | Contents                         |     |
|----------------|-------------|----------------------------------|-----|
| <b>2305429</b> | 1500 ES-7 R | 7 R 8 10 12 13 14 15 16 17 18 19 | 1,5 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>5626100</b> | 1500 E-6-7R L | ES-Module empty | 0,25 |

**1500 ES-34**  
Swivel head wrench double ended set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.        | Contents                       |       |
|----------------|------------|--------------------------------|-------|
| <b>6605070</b> | 1500 ES-34 | 34 8x9 10x11 12x13 14x15 16x17 | 1,272 |

| Code           | No.         | Designation     |      |
|----------------|-------------|-----------------|------|
| <b>5622890</b> | 1500 E-34 L | ES-Module empty | 0,15 |

**1500 ES-534**  
Set combination swivel head wrenches in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.         | Contents                           |       |
|----------------|-------------|------------------------------------|-------|
| <b>1813196</b> | 1500 ES-534 | 534 10 11 13 14 15 17 19 26 RS 1 2 | 1,614 |

| Code           | No.          | Designation     |      |
|----------------|--------------|-----------------|------|
| <b>1813226</b> | 1500 E-534 L | ES-Module empty | 0,14 |

**1500 ES-2133**  
Socket set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.          | Contents            |       |
|----------------|--------------|---------------------|-------|
| <b>1751239</b> | 1500 ES-2133 | 2133 5,5 6 7 8 9 10 | 1,038 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>2823829</b> | 1500 E-2133 L | ES-Module empty | 0,14 |

**1500 ES-20**  
Socket set 1/4" in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.        | Contents  |       |
|----------------|------------|---|-------|
| <b>6626230</b> | 1500 ES-20 | 20 4 5 5,5 6 7 8 9 10 11 12 13 14<br>IN 20 3 4 5 6 8<br>TX 20 E4 E5 E6 E7 E8 E10<br>ITX 20 T8 T9 T10 T15 T20 T25 T27 T30 T40<br>2087<br>2090-4<br>2095<br>2098<br>2093 U-10 | 1,066 |

| Code           | No.         | Designation     |      |
|----------------|-------------|-----------------|------|
| <b>5621490</b> | 1500 E-20 L | ES-Module empty | 0,14 |

**1500 ES-30**  
Socket set 3/8" in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.        | Contents  |      |
|----------------|------------|---|------|
| <b>6626070</b> | 1500 ES-30 | 30 6 7 8 9 10 11 12 13 14 15 16 17 18 19<br>IN 30 4 5 6 8 10<br>3095<br>3087<br>3090-5 -10<br>3093 U-10 | 1,83 |

| Code           | No.         | Designation     |      |
|----------------|-------------|-----------------|------|
| <b>5621220</b> | 1500 E-30 L | ES-Module empty | 0,14 |

## Modules

### 1500 ES-ITX 30

Screwdriver bit socket set 3/8" in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.            | Contents   |       |
|----------------|----------------|--|-------|
| <b>1640860</b> | 1500 ES ITX 30 | IN 30 L 4 5 6 7 8 10<br>ITX 30 T20 T25 T27 T30 T40 T45 T50<br>ITX 30 L T20 T25 T27 T30 T40 T45 T50<br>TX 30 E5 E6 E7 E8 E10 E11 E12 E14<br>IS 30 5,5 6,5 8 10 12<br>IKS 30 1 2 3<br>IKS 30 PZD 1 2 3 | 2,346 |

| Code           | No.             | Designation     |      |
|----------------|-----------------|-----------------|------|
| <b>1643363</b> | 1500 E-ITX 30 L | ES-Module empty | 0,14 |

### 1500 ES-19

Sockets 1/2", hexagon in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.        | Contents  |       |
|----------------|------------|---|-------|
| <b>6626580</b> | 1500 ES-19 | 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32<br>IN 19 6 7 8 9 10 12 14 | 2,956 |

| Code           | No.         | Designation     |      |
|----------------|-------------|-----------------|------|
| <b>5621650</b> | 1500 E-19 L | ES-Module empty | 0,14 |

### 1500 ES-D 19

Socket set 1/2", UD-Profile in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.          | Contents  |     |
|----------------|--------------|---|-----|
| <b>1899694</b> | 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<br>IN 19 6 7 8 9 10 12 14 | 2,9 |

| Code           | No.         | Designation     |      |
|----------------|-------------|-----------------|------|
| <b>5621650</b> | 1500 E-19 L | ES-Module empty | 0,14 |

### 1500 ES-19 IS

Socket set 1/2" in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.           | Contents  |       |
|----------------|---------------|---|-------|
| <b>1733109</b> | 1500 ES-19 IS | 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32<br>IS 19 10x1,6 12x2<br>IKS 19 2 3 4<br>INX 19 8 10 | 2,984 |

| Code           | No.         | Designation     |      |
|----------------|-------------|-----------------|------|
| <b>5621650</b> | 1500 E-19 L | ES-Module empty | 0,14 |

### 1500 ES-IN 19 LKM

Screwdriver bit socket set 1/2" in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.               | Contents   |       |
|----------------|-------------------|--|-------|
| <b>1402234</b> | 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<br>14-140 | 2,124 |

| Code           | No.              | Designation     |      |
|----------------|------------------|-----------------|------|
| <b>1402714</b> | 1500 E-IN 19 LKM | ES-Module empty | 0,15 |

### 1500 ES-ITX 19 LKP

Screwdriver bit socket set 1/2" in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.                | Contents   |       |
|----------------|--------------------|--|-------|
| <b>1402226</b> | 1500 ES-ITX 19 LKP | ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60<br>ITX 19 L T20-100 T25-100 T27-100 T30-100 T40-100 T45-100 T50-100<br>T55-100 T60-100<br>708 | 2,156 |

| Code           | No.               | Designation     |      |
|----------------|-------------------|-----------------|------|
| <b>1402706</b> | 1500 E-ITX 19 LKP | ES-Module empty | 0,15 |



### 1500 ES-1993 U-20

Accessories for socket wrenches 1/2" in 1/3 ES-Module



12,5 1/2"

- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.              | Contents                                |     |
|----------------|------------------|---|-----|
| <b>1550756</b> | 1500 ES-1993U-20 | 1993 U-20<br>1987<br>1995<br>1990-5 -10 | 1,9 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>5621810</b> | 1500 E-1993 L | ES-Module empty | 0,14 |

### 1500 ES-1993 T

Accessories for socket wrenches 1/2" in 1/3 ES-Module



12,5 1/2"

- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.            | Contents                                  |       |
|----------------|----------------|---|-------|
| <b>6626740</b> | 1500 ES-1993 T | 1993 U-10 T<br>1987<br>1995<br>1990-5 -10 | 1,984 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>5621810</b> | 1500 E-1993 L | ES-Module empty | 0,14 |

### 1500 ES-K 19 L

Set impact sockets 1/2" in 1/3 ES-Module



12,5 1/2" 

- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.            | Contents                                   |       |
|----------------|----------------|--|-------|
| <b>1640836</b> | 1500 ES K 19 L | K 19 L 10 13 14 16 17 18 19 21 22 23 24 27 | 3,394 |

| Code           | No.             | Designation     |      |
|----------------|-----------------|-----------------|------|
| <b>1643371</b> | 1500 E-K 19 L L | ES-Module empty | 0,12 |

### 1500 ES-K 1900

Impact driver set 1/2" in 1/3 ES-Module



12,5 1/2"    

- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

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

| Code           | No.             | Designation     |      |
|----------------|-----------------|-----------------|------|
| <b>1402722</b> | 1500 E-K 1900 L | ES-Module empty | 0,15 |

### 1500 ES-DT 2142

Hexagon allen key set in 2/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.             | Contents                     |       |
|----------------|-----------------|------------------------------|-------|
| <b>1543474</b> | 1500 ES-DT 2142 | DT 2142 2 2,5 3 4 5 6 7 8 10 | 1,337 |

| Code           | No.              | Designation     |      |
|----------------|------------------|-----------------|------|
| <b>1543490</b> | 1500 E-DT 2142 L | ES-Module empty | 0,27 |

### 1500 ES-2150 PH

Screwdriver set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.             | Contents                        |      |
|----------------|-----------------|---------------------------------|------|
| <b>1523708</b> | 1500 ES-2150 PH | 2150 4 5 5 6,5 8<br>2160 PH 1 2 | 0,82 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>2823829</b> | 1500 E-2133 L | ES-Module empty | 0,14 |

## Modules

### 1500 ES-2150 PZ Screwdriver set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.             | Contents                        |       |
|----------------|-----------------|---------------------------------|-------|
| <b>1523694</b> | 1500 ES-2150 PZ | 2150 4,5,5 6,5 8<br>2160 PZ 1 2 | 0,846 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>2823829</b> | 1500 E-2133 L | ES-Module empty | 0,14 |

### 1500 ES-2163 TX Screwdriver set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.             | Contents                       |       |
|----------------|-----------------|--------------------------------|-------|
| <b>1582666</b> | 1500 ES-2163 TX | 2163 TX T8 T10 T15 T20 T25 T30 | 0,638 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>2823829</b> | 1500 E-2133 L | ES-Module empty | 0,14 |

### 1500 ES-2163 TXB Screwdriver set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.              | Contents                         |       |
|----------------|------------------|----------------------------------|-------|
| <b>1616625</b> | 1500 ES-2163 TXB | 2163 TXB T10 T15 T20 T25 T30 T40 | 0,724 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>2823829</b> | 1500 E-2133 L | ES-Module empty | 0,14 |

### 1500 ES-VDE 2170 PZ VDE Screwdriver set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.                 | Contents                                |       |
|----------------|---------------------|---|-------|
| <b>1733095</b> | 1500 ES-VDE 2170 PZ | VDE 2170 4,5,5 6,5 8<br>VDE 2160 PZ 1 2 | 0,846 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>2823829</b> | 1500 E-2133 L | ES-Module empty | 0,14 |

### 1500 ES-145 Pliers set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.         | Contents   |     |
|----------------|-------------|--|-----|
| <b>6614650</b> | 1500 ES-145 | 142 10 JC<br>8250-180 JC<br>8132-160 JC<br>8316-160 JC | 1,4 |

| Code           | No.          | Designation     |      |
|----------------|--------------|-----------------|------|
| <b>5620840</b> | 1500 E-145 L | ES-Module empty | 0,14 |

### 1500 ES-VDE 145 VDE Pliers set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.             | Contents   |      |
|----------------|-----------------|--|------|
| <b>1733079</b> | 1500 ES-VDE 145 | 142 10 C<br>VDE 8250-180 H<br>VDE 8132-160 H<br>VDE 8314-160 H | 1,32 |

| Code           | No.          | Designation     |      |
|----------------|--------------|-----------------|------|
| <b>5620840</b> | 1500 E-145 L | ES-Module empty | 0,14 |

**1500 ES-8000**

Circlip pliers for retaining rings in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.          | Contents   |       |
|----------------|--------------|--|-------|
| <b>1402196</b> | 1500 ES-8000 | 8000 A 1<br>8000 A 2<br>8000 A 21<br>8000 J 1<br>8000 J 2<br>8000 J 21 | 1,136 |

| Code           | No.           | Designation     |      |
|----------------|---------------|-----------------|------|
| <b>1446479</b> | 1500 E-8000 L | ES-Module empty | 0,15 |

**1500 ES-137**

Grip wrench set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.         | Contents                             |      |
|----------------|-------------|--------------------------------------|------|
| <b>2188198</b> | 1500 ES-137 | 138 7<br>137 10<br>137 KR-7<br>138 Y | 1,97 |

| Code           | No.          | Designation     |      |
|----------------|--------------|-----------------|------|
| <b>2188139</b> | 1500 E-137 L | ES-Module empty | 0,14 |

**1500 ES-350**

Chisel set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.         | Contents  |       |
|----------------|-------------|---|-------|
| <b>6613760</b> | 1500 ES-350 | 97-250<br>98-125<br>99 12-5<br>100-12<br>119-1,5 3 4<br>600 H-300 | 1,818 |

| Code           | No.          | Designation     |      |
|----------------|--------------|-----------------|------|
| <b>5620680</b> | 1500 E-350 L | ES-Module empty | 0,14 |

**1500 ES-711**

Precision mechanics in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.         | Contents                                  |       |
|----------------|-------------|---|-------|
| <b>1402218</b> | 1500 ES-711 | 140<br>4534-5<br>708<br>711<br>720<br>745 | 0,972 |

| Code           | No.          | Designation     |      |
|----------------|--------------|-----------------|------|
| <b>1402692</b> | 1500 E-711 L | ES-Module empty | 0,15 |

**1500 ES-1.07**

Puller set in 1/3 ES-Module



- > Made of impact-resistant ABS plastic, black grained
- > Oil and acid resistant

| Code           | No.          | Contents  |      |
|----------------|--------------|---|------|
| <b>1933213</b> | 1500 ES-1.07 | 1x 106/103<br>1x 107/103<br>1x 1.1406140<br>3x 106/S100-E | 1,98 |

| Code           | No.           | Designation     |     |
|----------------|---------------|-----------------|-----|
| <b>1933248</b> | 1500 E-1.07 L | ES-Module empty | 0,2 |


## Modules

### 1500 ED-30

Distance module empty



- > For fixing the tool modules No. 1500 ES in the drawer sizes W 480 x D 350 mm
- > Made of impact-resistant ABS plastic, black grained
- > Dimensions: W 157 x D 30 x H 42 mm

| Code           | No.        | W   | D  | H  |  |
|----------------|------------|-----|----|----|---|
| <b>5626370</b> | 1500 ED-30 | 157 | 30 | 42 | 0,03  |

### 1500 ED-70

Distance module with small boxes



- > For balancing and fixing tool modules No. 1500 ES in the large capacity drawers W 480 x L 400 mm for tool trolley No. 2004 and workbenches No. 1502, 1504, 1505 and 1506 XL
- > Sheet steel module with 4 practical transparent boxes, version L without boxes
- > Dimensions: W 475 x D 77 x H 40 mm


| Code           | No.          | W   | D  | H  |  |
|----------------|--------------|-----|----|----|---|
| <b>5627930</b> | 1500 ED-70 L | 475 | 77 | 40 | 0,75  |
| <b>6627120</b> | 1500 ED-70   | 475 | 77 | 40 | 0,9   |

### 1500 ED-70 K

Distance module empty



- > For balancing and fixing tool modules No. 1500 ES in drawers of depth 400 mm, for tool trolleys No. 2004 and workbenches No. 1502, 1504, 1505 and 1506 XL
- > Made of impact-resistant ABS plastic, black grained
- > Dimensions: W 475 x D 77 x H 40 mm


| Code           | No.          | W   | D  | H  |  |
|----------------|--------------|-----|----|----|---|
| <b>1618687</b> | 1500 ED-70 K | 475 | 77 | 40 | 0,12  |

### 1500 ED-70 S

Distance module 1/3 empty



- > For tool trolley No. WSL-L7 (workster) and No. 2005, workbench No. 1504 XL and tool chest No. 2430, suitable as spacer for 1/3 module
- > Module in sheet steel
- > Dimensions: W 152 x D 77 x H 40 mm

| Code           | No.          | W   | D  | H  |  |
|----------------|--------------|-----|----|----|---|
| <b>1851462</b> | 1500 ED-70 S | 152 | 77 | 40 | 0,15  |



**1500 ED-70 XL**Distance module  
empty

- > suitable for torque wrenches and other long hand tools or small pieces
- > For tool trolley No. WSL-L7 (workster) and No. 2005, workbench No. 1504 XL and tool chest No. 2430
- > Module in sheet steel
- > Dimensions:  
W 625 x D 77 x H 40 mm

| Code           | No.           | W   | D  | H  |  |
|----------------|---------------|-----|----|----|---|
| <b>1803069</b> | 1500 ED-70 XL | 625 | 77 | 40 | 0,854   |

**1500 ED-230 CT**Distance module  
empty

| Code           | No.            | W   | D   | H  |  |
|----------------|----------------|-----|-----|----|---|
| <b>3036650</b> | 1500 ED-230 CT | 475 | 230 | 35 | 0,055   |

**1500 ED-85**Distance module  
empty

- > Module in sheet steel
- > Dimensions:  
W 538 x D 85 x H 40 mm



| Code           | No.        | W   | D  | H  |  |
|----------------|------------|-----|----|----|---|
| <b>1972588</b> | 1500 ED-85 | 538 | 85 | 40 | 0,845   |

**1500 ED-150 K**Distance module  
empty

- > suitable for torque wrenches and other long hand tools or small pieces
- > Made of impact-resistant ABS plastic, black grained
- > Dimensions:  
W 480 x D 150 x H 42 mm



| Code           | No.           | W   | D   | H  |  |
|----------------|---------------|-----|-----|----|---|
| <b>1879243</b> | 1500 ED-150 K | 480 | 150 | 42 | 0,15  |

[WWW.GEDORE.COM](http://WWW.GEDORE.COM)

## Modules

### 1500 CT2-1 B

Combination  
spanner set  
in 2/3 Check-Tool-Module



> Dimensions:  
315 x 310 x 35 mm

| Code           | No.          | Contents  |       |
|----------------|--------------|---|-------|
| <b>2308819</b> | 1500 CT2-1 B | 1 B 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22<br>PH 42-88 (2,2,5 3 4 5 6 8 10) | 2,385 |

| Code           | No.                 | Designation             |      |
|----------------|---------------------|-------------------------|------|
| <b>2322277</b> | EI-1500<br>CT2-1B L | Check-Tool-Module empty | 0,07 |

### 1500 CT1-2

Double ended ring  
spanner set  
in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.        | Contents   |      |
|----------------|------------|--|------|
| <b>2308827</b> | 1500 CT1-2 | Double-ended ring spanner UD profile No. 2 6x7 8x9 10x11 12x13<br>14x15 16x17 18x19 20x22 mm | 1,36 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2322285</b> | EI-1500<br>CT1-2 L | Check-Tool-Module empty | 0,05 |

### 1500 CT1-400

Double ended ring  
spanner set, open  
in 1/3 Check-Tool-Module



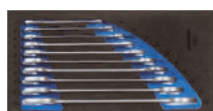
> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.          | Contents  |       |
|----------------|--------------|---|-------|
| <b>2309068</b> | 1500 CT1-400 | Double ended ring spanner open hex No. 400, AF 8x10 10x11 12x14<br>13x15 17x19 mm | 0,565 |

| Code           | No.                   | Designation             |      |
|----------------|-----------------------|-------------------------|------|
| <b>2324210</b> | EI-1500 CT1-<br>400 L | Check-Tool-Module empty | 0,05 |

### 1500 CT1-6

Double open ended  
spanner set  
in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.        | Contents  |      |
|----------------|------------|---|------|
| <b>2308851</b> | 1500 CT1-6 | Double open-ended spanner No. 6, AF 6x7 8x9 10x11 12x13 14x15<br>16x17 18x19 20x22 21x23 24x27 mm | 1,44 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2322307</b> | EI-1500<br>CT1-6 L | Check-Tool-Module empty | 0,05 |

### 1500 CT2-7

Combination  
spanner set  
in 2/3 Check-Tool-Module



> Dimensions:  
315 x 310 x 35 mm

| Code           | No.        | Contents  |      |
|----------------|------------|---|------|
| <b>2308878</b> | 1500 CT2-7 | Combination wrench No. 7, SW 6 7 8 9 10 11 12 13 14 15 16 17 18 19<br>20 21 22 mm<br>Offset screwdriver set No. PH 42-88 hexagon SW 2 2,5 3 4 5 6 8 10 mm | 1,75 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2324164</b> | EI-1500<br>CT2-7 L | Check-Tool-Module empty | 0,07 |

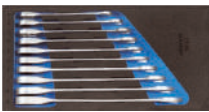
**1500 CT2-7-32**  
Combination  
spanner set  
in 2/3 Check-Tool-Module



> Dimensions:  
315 x 310 x 35 mm

| Code           | No.                | Contents  |       |
|----------------|--------------------|---|-------|
| <b>2308886</b> | 1500 CT2-7-32      | Combination spanner No. 7, Size 23 24 27 30 32 mm | 1,865 |
| Code           | No.                | Designation                                       |       |
| <b>2324172</b> | EI-1500 CT2-7-32 L | Check-Tool-Module empty                           | 0,07  |

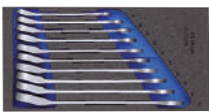
**1500 CT1-7 R**  
Combination ratchet  
spanner set  
in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.                 | Contents  |      |
|----------------|---------------------|---|------|
| <b>2308894</b> | 1500 CT1-7 R        | Combination ratchet spanner No. 7 R, SW 8 10 12 13 14 15 16 17 18 19 mm | 1,24 |
| Code           | No.                 | Designation   |      |
| <b>2322315</b> | EI-1500 CT1-7R-UR L | Check-Tool-Module empty   | 0,05 |

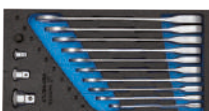
**1500 CT1-7 UR**  
Combination ratchet  
spanner set, reversible  
in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.                 | Contents   |       |
|----------------|---------------------|--|-------|
| <b>2331969</b> | 1500 CT1-7 UR       | Combination ratchet spanner No. 7 UR, SW 8 10 12 13 14 15 16 17 18 19 mm | 1,245 |
| Code           | No.                 | Designation  |       |
| <b>2322315</b> | EI-1500 CT1-7R-UR L | Check-Tool-Module empty  | 0,05  |

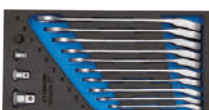
**1500 CT1-7 RA**  
Combination ratchet  
spanner set  
in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.                  | Contents   |      |
|----------------|----------------------|--|------|
| <b>2327686</b> | 1500 CT1-7 RA        | 7 R 8 10 12 13 14 15 16 17 18 19<br>7 RA-12,5 -10 -6,3<br>7 RB-6,3 | 1,27 |
| Code           | No.                  | Designation  |      |
| <b>2327708</b> | EI-1500 CT1-7RA-URAL | Check-Tool-Module empty  | 0,05 |

**1500 CT1-7 URA**  
Combination ratchet  
spanner set, reversible  
in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.                  | Contents  |      |
|----------------|----------------------|---|------|
| <b>2327678</b> | 1500 CT1-7 URA       | 7 UR 8 10 12 13 14 15 16 17 18 19<br>7 RA-12,5 -10 -6,3<br>7 RB-6,3 | 1,28 |
| Code           | No.                  | Designation   |      |
| <b>2327708</b> | EI-1500 CT1-7RA-URAL | Check-Tool-Module empty   | 0,05 |

## Modules

### 1500 CT1-534

Set combination swivel head wrenches in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.          | Contents                              |       |
|----------------|--------------|---------------------------------------|-------|
| <b>2309076</b> | 1500 CT1-534 | 534 10 11 13 14 15 17 19<br>26 RS 1 2 | 1,405 |

| Code           | No.               | Designation             |      |
|----------------|-------------------|-------------------------|------|
| <b>2322455</b> | EI-1500 CT1-534 L | Check-Tool-Module empty | 0,05 |

### 1500 CT1-2133

Socket set in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.           | Contents  |      |
|----------------|---------------|---|------|
| <b>2309122</b> | 1500 CT1-2133 | Socket wrench with 3C handle No. 2133, SW 5.5 6 7 8 9 10 mm | 0,82 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2322501</b> | EI-1500 CT1-2133 L | Check-Tool-Module empty | 0,05 |

### 1500 CT1-20

Socket set 1/4" in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.         | Contents   |       |
|----------------|-------------|--|-------|
| <b>2308967</b> | 1500 CT1-20 | 1/4" socket No.20 hex AF 4 5 5.5 6 7 8 9 10 11 12 13 14 mm<br>1/4" screwdriver bit socket No. IN 20 hex AF 3 4 5 6 8 mm<br>1/4" screwdriver bit socket No. ITX 20,<br>AF T8 T9 T10 T15 T20 T25 T27 T30 T40 mm<br>1/4" socket No. TX 20, E4 E5 E6 E7 E8 E10<br>1/4" sliding T-bar with slider No. 2087, 115 mm<br>1/4" extension No. 2090-4. 97 mm<br>1/4" universal joint No. 2095<br>1/4" square plug-in handle No. 2098, 2C handle<br>1/4" reversible ratchet U-10, 127 mm | 0,845 |

| Code           | No.              | Designation             |      |
|----------------|------------------|-------------------------|------|
| <b>2322374</b> | EI-1500 CT1-20 L | Check-Tool-Module empty | 0,05 |

### 1500 CTD-20 BIT

Socket assortment 1/4" in CT-module



> Only suitable for tool trolley 2004, and workbenches 1502, 1504, 1505 and 1506 XL  
> For models No. 2005, No. WSL-L7 (workster), No. 2430 and No. 1504 XL order additional distance module No. 1500 ED-70 S  
> Dimensions:  
W 475 x D 77 x H 40 mm

| Code           | No.             | Contents   |     |
|----------------|-----------------|--|-----|
| <b>1733419</b> | 1500 CTD-20 BIT | 1/4" socket wrench insert No. 20 L, SW 4 4.5 5 6 7 8 9 10 12 13 mm<br>1/4" screwdriver bit No. 680, SW 4 5.5 6.5 8 mm<br>1/4" screwdriver bit No. 685, SW 2.5 3 4 5 6 mm<br>1/4" screwdriver bit No. 685 X 5 6 8 mm<br>1/4" screwdriver bit No. 687 TX<br>T6 T7 T8 T9 T10 T15 T20 T25 T27 T30 T40<br>1/4" screwdriver bit No. 690 1 2 3<br>1/4" screwdriver bit No. 690 PZD 1 2 3<br>Miniature LED light No.649<br>Insert holder No. 673 6,3<br>Bit holder No. 699<br>1/4" bit adapter No. 620<br>Multi-handle No. 676<br>Combination holding tool No. 639 | 0,7 |



**1500 CT1-30**  
Socket set 3/8" in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm



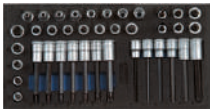
| Code           | No.         | Contents   |      |
|----------------|-------------|--|------|
| <b>2308975</b> | 1500 CT1-30 | 3/8" socket hex No. 30, AF 6 7 8 9 10 11 12 13 14 15 16 17 18 19<br>3/8" screwdriver bit socket hex, No. IN 30, AF 4 5 6 8 10 mm<br>3/8" universal joint No. 3095, 51 mm<br>3/8" sliding T-bar No. 3087<br>3/8" extension No. 3090 -5 -10, 125 250 mm<br>3/8" reversible ratchet No. 3093 U-10, 200 mm | 1,67 |

| Code           | No.              | Designation             |      |
|----------------|------------------|-------------------------|------|
| <b>2322382</b> | EI-1500 CT1-30 L | Check-Tool-Module empty | 0,05 |

**1500 CT1-ITX 30**  
Screwdriver bit  
socket set 3/8" in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm



| Code           | No.             | Contents   |       |
|----------------|-----------------|--|-------|
| <b>2308983</b> | 1500 CT1-ITX 30 | Socket wrench insert 3/8" No. TX 30<br>E5 E6 E7 E8 E10 E11 E12 E14<br>Screwdriver bit socket 3/8" No. IN 30 L, hexagon SW 4 5 6 7 8 10 mm<br>Screwdriver bit socket 3/8" No. ITX 30 T20 T25 T27 T30 T40 T45 T50<br>Screwdriver bit socket 3/8" No. ITX 30 L T20 T25 T27 T30 T40 T45 T50<br>Screwdriver bit socket 3/8" slot No. IS 30, SW 5.5 6.5 8 10 12 mm<br>Screwdriver bit socket 3/8" No. IKS 30 1 2 3<br>Screwdriver bit socket 3/8" No. IKS 30 PZD 1 2 3 | 2,175 |

| Code           | No.                 | Designation             |      |
|----------------|---------------------|-------------------------|------|
| <b>2322390</b> | EI-1500 CT1-ITX30 L | Check-Tool-Module empty | 0,05 |

**1500 CT1-19**  
Socket set 1/2",  
hexagon in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm



| Code           | No.         | Contents   |      |
|----------------|-------------|--|------|
| <b>2308908</b> | 1500 CT1-19 | Socket wrench insert No. 19,<br>SW 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 mm<br>Screwdriver bit insert No. IN 19, SW 6 7 8 9 10 12 14 mm | 2,79 |

| Code           | No.              | Designation             |       |
|----------------|------------------|-------------------------|-------|
| <b>2322323</b> | EI-1500 CT1-19 L | Check-Tool-Module empty | 0,047 |

**1500 CT1-D 19**  
Socket set 1/2",  
UD-Profile in  
1/3 Check-Tool-module



> Dimensions:  
157,5 x 310 x 35 mm



| Code           | No.           | Contents   |      |
|----------------|---------------|--|------|
| <b>2308916</b> | 1500 CT1-D 19 | Socket wrench insert 1/2" No. D 19,<br>SW 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 mm<br>Screwdriver bit socket 1/2" No. IN 19, SW 6 7 8 9 10 12 14 mm | 2,68 |

| Code           | No.              | Designation             |       |
|----------------|------------------|-------------------------|-------|
| <b>2322323</b> | EI-1500 CT1-19 L | Check-Tool-Module empty | 0,047 |

**1500 CT1-19 IS**  
Socket set 1/2" in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm



| Code           | No.            | Contents  |       |
|----------------|----------------|---|-------|
| <b>2308924</b> | 1500 CT1-19 IS | 19 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32<br>IS 19 10x1,6 12x2<br>IKS 19 2 3 4<br>INX 19 8 10 | 2,765 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2322331</b> | EI-1500 CT1-19IS L | Check-Tool-Module empty | 0,05 |

Modules

**1500 CT1-IN 19 LKM**

Screwdriver bit socket set 1/2" in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.                | Contents  |     |
|----------------|--------------------|---|-----|
| <b>2308932</b> | 1500 CT1-IN 19 LKM | Screwdriver bit socket 1/2" No. IN 19, SW 6 7 8 9 10 12 14 mm<br>Screwdriver bit socket 1/2" No. IN 19 L 6-140 7-140 8-140 9-140 10-140 12-140 14-140 | 1,9 |

| Code           | No.                  | Designation             |      |
|----------------|----------------------|-------------------------|------|
| <b>2957647</b> | EI-1500 CT1-IN 19LKM | Check-Tool-Module empty | 0,05 |

**1500 CT1-INX 19 LK**

Screwdriver bit socket set 1/2" in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.                | Contents   |       |
|----------------|--------------------|--|-------|
| <b>2957957</b> | 1500 CT1-INX 19 LK | INX 19 8 10 12 14 16 18<br>INX 19 L 6-100 8-100 10-100 12-100 14-100 | 1,044 |

| Code           | No.                  | Designation             |      |
|----------------|----------------------|-------------------------|------|
| <b>2957949</b> | EI-1500 CT1-INX 19LK | Check-Tool-Module empty | 0,05 |

**1500 CT1-ITX 19 LKP**

Screwdriver bit socket set 1/2" in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.                 | Contents  |       |
|----------------|---------------------|---|-------|
| <b>2308940</b> | 1500 CT1-ITX 19 LKP | Screwdriver bit socket 1/2" No. ITX 19<br>T20 T25 T27 T30 T40 T45 T50 T55 T60<br>Screwdriver bit socket 1/2" No. ITX 19 L<br>T20-100 T25-100 T27-100 T30-100 T40-100 T45-100<br>T50-100 T55-100 T60-100<br>TX Screw Gauge No. 708 | 1,915 |

| Code           | No.                  | Designation             |      |
|----------------|----------------------|-------------------------|------|
| <b>2322366</b> | EI-1500CT1-ITX19LKPL | Check-Tool-Module empty | 0,05 |

**1500 CT1-1993 U-20**

Accessories for socket wrenches 1/2" in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.                | Contents                                |     |
|----------------|--------------------|---|-----|
| <b>2309114</b> | 1500 CT1-1993 U-20 | 1993 U-20<br>1987<br>1995<br>1990-5 -10 | 1,7 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2322498</b> | EI-1500 CT1-1993 L | Check-Tool-Module empty | 0,05 |

**1500 CT1-1993 T**

Accessories for socket wrenches 1/2" in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.             | Contents  |       |
|----------------|-----------------|---|-------|
| <b>2309106</b> | 1500 CT1-1993 T | 1/2" reversible ratchet No. 1993 U-10 T<br>1/2" sliding T-bar No.1987, 292 mm<br>1/2" universal joint No. 1995<br>1/2" extension No. 1990, 125 250 mm | 1,765 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2322498</b> | EI-1500 CT1-1993 L | Check-Tool-Module empty | 0,05 |

**1500 CT1-K 1900**  
Impact driver set 1/2" in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.             | Contents  |       |
|----------------|-----------------|---|-------|
| <b>2309092</b> | 1500 CT1-K 1900 | K 19 10 13 14 17 19<br>K 19 LS 17 19 21 22<br>880 7 8 9 12<br>885 5 6 8 10<br>890 1 2 3 4<br>KB 819<br>K 1900 | 2,645 |

| Code           | No.                  | Designation             |      |
|----------------|----------------------|-------------------------|------|
| <b>2322471</b> | EI-1500 CT1-K 1900 L | Check-Tool-Module empty | 0,05 |

**1500 CT2-DT 2142**  
Hexagon allen key set in 2/3 Check-Tool-Modul



> Dimensions:  
315 x 310 x 35 mm

| Code           | No.              | Contents   |     |
|----------------|------------------|--|-----|
| <b>2309009</b> | 1500 CT2-DT 2142 | Offset screwdriver with 2CT-handle No. DT 2142, SW 2 2.5 3 4 5 6 7 8 10 mm | 0,9 |

| Code           | No.                  | Designation             |      |
|----------------|----------------------|-------------------------|------|
| <b>2322412</b> | EI-1500 CT2-DT2142 L | Check-Tool-Module empty | 0,07 |

**1500 CT1-2150 PH**  
Screwdriver set in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.              | Contents  |      |
|----------------|------------------|---|------|
| <b>2309130</b> | 1500 CT1-2150 PH | 3C screwdriver slotted No. 2150, 4 5.5 6.5 8 mm<br>3C screwdriver cross-slotted No. 2160 PH 1 2 | 0,63 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2322528</b> | EI-1500 CT1-2150 L | Check-Tool-Module empty | 0,05 |

**1500 CT1-2150 PZ**  
Screwdriver set in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.              | Contents  |      |
|----------------|------------------|---|------|
| <b>2309149</b> | 1500 CT1-2150 PZ | 3C screwdriver slotted No. 2150, 4 5.5 6.5 8 mm<br>3C screwdriver cross-slotted No. 2160 PZ 1 2 | 0,63 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2322528</b> | EI-1500 CT1-2150 L | Check-Tool-Module empty | 0,05 |

**1500 CT1-2163 TX**  
Screwdriver set in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.              | Contents  |     |
|----------------|------------------|---|-----|
| <b>2309157</b> | 1500 CT1-2163 TX | 3C screwdriver recessed TX with drill hole No. 2163 TXB, AF T8 T10 T15 T20 T25 T30 mm | 0,4 |

| Code           | No.                 | Designation             |      |
|----------------|---------------------|-------------------------|------|
| <b>2322544</b> | EI-1500 CT1-2163 TX | Check-Tool-Module empty | 0,05 |

Modules

**1500 CT1-2163 TXB**  
Screwdriver set in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm



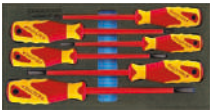
| Code           | No.               | Contents  |     |
|----------------|-------------------|---|-----|
| <b>2309165</b> | 1500 CT1-2163 TXB | 3C screwdriver recessed TX with drill hole No. 2163 TXB, AFT T10 T15 T20 T25 T30 T40 mm | 0,5 |

| Code           | No.                  | Designation             |      |
|----------------|----------------------|-------------------------|------|
| <b>2324237</b> | EI-1500 CT1-2163 TXB | Check-Tool-Module empty | 0,05 |

**1500 CT1-VDE 2170 PZ**  
VDE Screwdriver set in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm



| Code           | No.                  | Contents  |       |
|----------------|----------------------|---|-------|
| <b>2309173</b> | 1500 CT1-VDE 2170 PZ | VDE Screwdriver slotted no. VDE 2170, SW 4 5.5 6.5 8 mm<br>VDE Screwdriver cross recess No. VDE 2160 PZ 1 2 | 0,625 |

| Code           | No.                 | Designation             |      |
|----------------|---------------------|-------------------------|------|
| <b>2322552</b> | EI-1500CT1-VDE 2170 | Check-Tool-Module empty | 0,05 |

**1500 CT1-142**  
Pliers set in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm



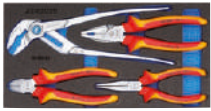
| Code           | No.          | Contents   |       |
|----------------|--------------|--|-------|
| <b>2309025</b> | 1500 CT1-142 | 10" universal pliers No. 142 10 JC, 2C handle<br>Power combination pliers No. 8250-180 JC, 180 mm 2C handle<br>Bent nose pliers No. 8132-160 JC, 160 mm 2C handle<br>Power side cutter No. 8316-160 JC, 160 mm 2C handle | 1,217 |

| Code           | No.               | Designation             |      |
|----------------|-------------------|-------------------------|------|
| <b>2322420</b> | EI-1500 CT1-142 L | Check-Tool-Module empty | 0,05 |

**1500 CT1-VDE 142**  
VDE Pliers set in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm



| Code           | No.              | Contents   |       |
|----------------|------------------|--|-------|
| <b>2309033</b> | 1500 CT1-VDE 142 | Universal Pliers No. 142 10 C, 10".<br>VDE Power combination pliers No. VDE 8250-180 H<br>VDE Flat-nosed Pliers No. VDE 8132-160 H<br>VDE Side cutter No. VDE 8314-160 H | 1,158 |

| Code           | No.                  | Designation             |      |
|----------------|----------------------|-------------------------|------|
| <b>2322439</b> | EI-1500 CT1-VDE142 L | Check-Tool-Module empty | 0,05 |

**1500 CT1-8000**  
Set of circlip pliers  
in 1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm



| Code           | No.           | Contents   |       |
|----------------|---------------|--|-------|
| <b>2309181</b> | 1500 CT1-8000 | Circlip pliers for external retaining rings No. 8000 A 1 A 2 A 21<br>Circlip pliers for internal retaining rings No. 8000 J 1 J 2 J 21 | 1,009 |

| Code           | No.                | Designation             |      |
|----------------|--------------------|-------------------------|------|
| <b>2322560</b> | EI-1500 CT1-8000 L | Check-Tool-Module empty | 0,05 |



**1500 CT1-350**  
Chisel set in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.          | Contents   |       |
|----------------|--------------|--|-------|
| <b>2309041</b> | 1500 CT1-350 | Flat chisel No. 97-250, 250x24 mm<br>Cross-cut chisel No. 98-125, 125 mm<br>Drift punch No. 99 12-5 12-8, Ø 5 8 mm<br>Centre punch No. 100-12, 120x12x5 mm<br>Pin punch, No. 119-1.5 3 4 mm<br>Engineers' hammer ROTBAND-PLUS No.600 H-300,<br>with hickory shaft 300g | 1,425 |

| Code           | No.               | Designation             |      |
|----------------|-------------------|-------------------------|------|
| <b>2322447</b> | EI-1500 CT1-350 L | Check-Tool-Module empty | 0,05 |

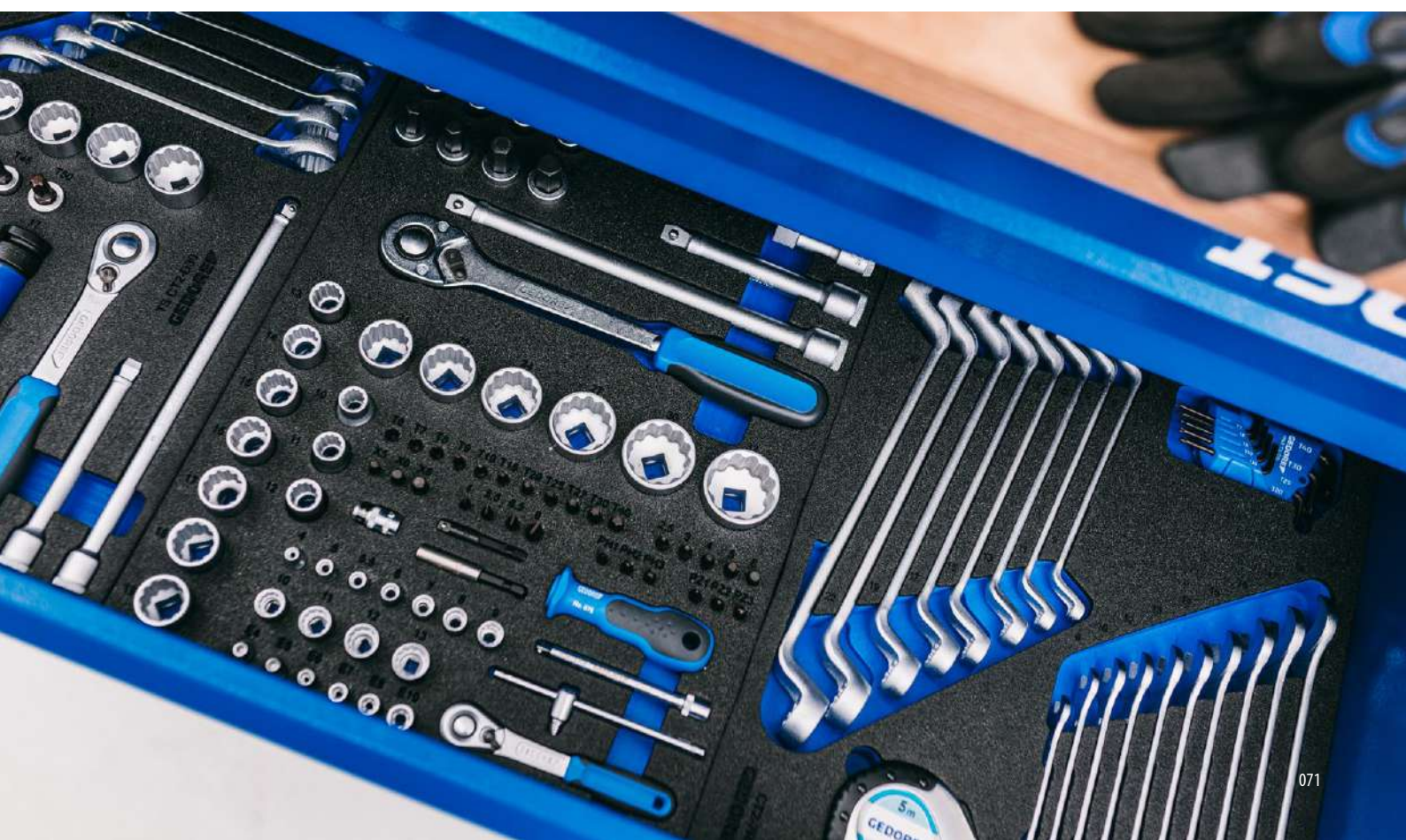
**1500 CT1-711**  
Precision mechanics in  
1/3 Check-Tool-Module



> Dimensions:  
157,5 x 310 x 35 mm

| Code           | No.          | Contents                                  |      |
|----------------|--------------|---|------|
| <b>2309084</b> | 1500 CT1-711 | 140<br>4534-5<br>708<br>711<br>720<br>745 | 0,93 |

| Code           | No.               | Designation             |      |
|----------------|-------------------|-------------------------|------|
| <b>2322463</b> | EI-1500 CT1-711 L | Check-Tool-Module empty | 0,05 |



IN 3 SIZES:

# CT-MODULE 2005 CT

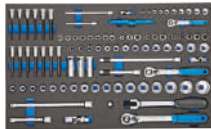
For XL volume drawers

- CT4 = 1/1 drawer 2005, workster (633 x 390 x 35 mm)
- CT4 suitable for 2005, workster, 1504 XL, 2430




## 2005 CT4-U-20

Socket set  
1/4"-3/8"-1/2" in  
4/4 Check-Tool-Module



**6,3** **1/4"**

> Dimensions:  
633 x 390 x 35 mm

| Code           | No.              | Contents   |  |
|----------------|------------------|--|---|
| <b>2016257</b> | 2005<br>CT4-U-20 | 1/4" socket wrench insert No. 20, SW 5.5 6 7 8 9 10 11 12 13 14 mm<br>1/4" reversible ratchet No. 2093 U-20 1/4" cross-handle ratchet No. 2093 U-3 T<br>1/4" extension No. 2090-4 -6, 97 148 mm<br>1/4" universal joint No. 2095<br>3/8" socket wrench insert No. D 30, SW 8 9 10 11 12 13 14 15 16 17 18 19 21 22 mm<br>3/8" screwdriver bit socket No. IN 30 L, SW 4 5 6 7 8 10<br>3/8" screwdriver bit insert No. ITX 30 L, T20 T25 T27 T30 T40 T45 T50<br>3/8" socket wrench insert No. TX 30, ES E6 E7 E8 E10 E11 E12 E14<br>3/8" screwdriver bit socket No. IKS 30, 1 2 3<br>3/8" screwdriver bit socket No. IKS 30 PZD 1 2 3<br>3/8" screwdriver bit insert No. IS 30, SW 5.5 6.5 8 10 12 mm<br>3/8" spark plug insert with retaining spring 20.8 mm 3/8" spark plug insert with retaining spring 16 mm<br>3/8" spark plug insert with retention spring 18 mm<br>3/8" reversible ratchet No. 3093 U-20<br>3/8" extension with release no. 3090 A-5 -10<br>3/8" universal joint No. 3095<br>1/2" socket wrench insert No. D 19, SW 10 11 12 13 14 15 16 17 18 19 21 22 23 24 27 30 32 mm<br>1/2" reversible ratchet 1/2" No. 1993 U-20<br>1/2" extension 1/2" No. 1990-5 -10, 125 250 mm<br>1/2" reducer 1/2" to 3/8" No. 1930<br>1/2" universal joint 1/2" No. 1995<br>1/2" articulated handle No. 1996, 255 mm | 7,64  |


## 2005 CT2-D 19

Socket  
assortment 1/2" in  
2/4 Check-Tool-Module



**12,5** **1/2"**

> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.           | Contents   |  |
|----------------|---------------|--|---|
| <b>2016494</b> | 2005 CT2-D 19 | D 19 10 11 12 13 14 15 16 17 18 19 20 21 22 23<br>24 25 26 27 28 29 30 32 34 36<br>1990-5 -10<br>1993 U-20<br>1995<br>1996 | 4,7   |


## 2005 CT2-D 30

Socket set 3/8" in  
2/4 Check-Tool-Module

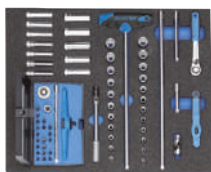


**10** **3/8"**

> Dimensions:  
316.5 x 390 x 35 mm


| Code           | No.           | Contents  |  |
|----------------|---------------|---|---|
| <b>2016486</b> | 2005 CT2-D 30 | D 30 10 11 12 13 14 15 16 17 18 19 20 21 22<br>D 30 1/4 5/16 3/8 13/32 7/16 1/2 9/16 19/32 5/8 11/16 3/4 13/16<br>25/32 7/8 15/16 1"<br>D 30 L 10 13 17 19 22<br>52 53 56<br>3090-3 -5 -10<br>3093 U-20<br>3095<br>3096 | 3,6   |

**2005 CT2-D 20**  
Socket  
assortment 1/4" in  
2/4 Check-Tool-Module



**6.3** **1/4"**

> Dimensions:  
316.5 x 390 x 35 mm


| Code           | No.              | Contents  |  |
|----------------|------------------|---|---|
| <b>2016478</b> | 2005 CT2-D<br>20 | D 20 4 4,5 5 5,5 6 7 8 9 10 11 12 13<br>D 20 3/16 7/32 1/4 9/32 5/16 11/32 13/32 3/8 7/16 1/2 9/16"<br>20 L 4 4,5 5 5,5 6 7 8 9 10 11 12 13<br>2093 U-20, 2093 U-3 T<br>2093 HR-94<br>2090-2 -4 -6 -12<br>2095<br>2097<br>2098 T<br>620<br>639<br>680 4 6,5<br>685 3 4 5 6<br>685 X 5 6 8<br>690 1 2<br>690 PZD 1 2 3<br>687 TX T8 T9 T10 T15 T20 T25 T27 T30 T40 | 1,9   |

**2005 CT3-32**  
Socket  
assortment 3/4" in  
3/4 Check-Tool-Module

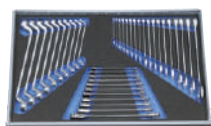


**20** **3/4"**


> Dimensions:  
472.5 x 390 x 50 mm  
> Suitable for: all drawers  
of models B 1500,  
1502, 1505 only drawers  
with height 137 and  
207 mm of models  
1504, 1504 XL, 1506,  
2004, 2005, workster

| Code           | No.         | Contents   |  |
|----------------|-------------|--|---|
| <b>2752727</b> | 2005 CT3-32 | Socket wrench insert 3/4" hexagon UD profile<br>No. 32, SW 22 24 27 30 32 36 38 41 46 50<br>Extension 3/4" No. 3290-8 -16 200 mm, 400 mm<br>reversible ratchet 3/4" No. 3293 U-2, 510 mm<br>Cross handle 3/4" No. 3287 | 9   |

**2005 CT4-2-7**  
Combination  
spanner set in  
4/4 Check-Tool-Module



> Dimensions:  
633 x 390 x 35 mm

| Code           | No.          | Contents   |  |
|----------------|--------------|--|---|
| <b>2016265</b> | 2005 CT4-2-7 | 2 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27<br>7 6 7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 24 27<br>7 R 10 11 12 13 14 15 16 17 18 19 22 | 5,9   |

**2005 CT4-7 XL**  
Combination  
spanner set in  
4/4 Check-Tool-Module




> Dimensions:  
633 x 390 x 35 mm

| Code           | No.              | Contents   |  |
|----------------|------------------|--|---|
| <b>2704226</b> | 2005 CT4-7<br>XL | Combination spanner No. 7 XL, Size 10 11 12 13 14 15 16 17<br>18 19 21 22 24 27 30 32 36 41 mm | 8,15  |

**2005 CT2-25PK**  
Tubular box  
spanner set in  
2/4 Check-Tool-Module

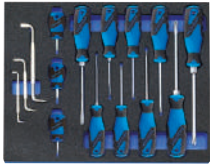


> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.               | Contents                              |  |
|----------------|-------------------|---------------------------------------|---|
| <b>2841851</b> | 2005 CT2-<br>25PK | 25 PK 8 10 11 12 13 14 15 16 17 18 19 | 2,6   |

Modules

**2005 CT2-2160**  
Screwdriver set in  
2/4 Check-Tool-Module



> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.           | Contents   |     |
|----------------|---------------|--|-----|
| <b>2016311</b> | 2005 CT2-2160 | 2160 PH 1 2 3<br>2160 PZ 1 2 3<br>2150 3,5 5,5 8<br>2153 4<br>2161 PH 1<br>2161 PZ 1<br>173 4 8<br>174 1 | 1,6 |

**2005 CT2-119**  
Tool assortment in  
2/4 Check-Tool-Module



> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.          | Contents  |      |
|----------------|--------------|---|------|
| <b>2016338</b> | 2005 CT2-119 | 95-200<br>99 12-3 12-5 12-6 12-8<br>100-12<br>119-3-4-5-6-8-84-86-175<br>132-150<br>133 F-150<br>133D-150<br>702 20 M<br>706 711 4612 | 2,73 |

**2005 CT4-2160-119**  
Tool assortment in  
4/4 Check-Tool-Module



> Dimensions:  
633 x 390 x 35 mm

| Code           | No.               | Contents   |      |
|----------------|-------------------|--|------|
| <b>2016435</b> | 2005 CT4-2160-119 | 2160 PH 1 2 3<br>2160 PZ 1 2 3<br>2150 3,5 5,5 8<br>2153 4<br>2161 PH 1<br>2161 PZ 1<br>173 4 8<br>174 1<br>95-200<br>99 12-3 12-5 12-6 12-8<br>100-12<br>119-3-4-5-6-8-84-86-175<br>132-150<br>133-150<br>133 D-150<br>702 20 M<br>706<br>711<br>4612 | 4,05 |

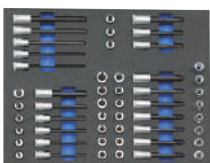
**2005 CT4-8000**  
Tool assortment in  
4/4 Check-Tool-Module



> Dimensions:  
633 x 390 x 35 mm

| Code           | No.           | Contents  |     |
|----------------|---------------|---|-----|
| <b>2016303</b> | 2005 CT4-8000 | Engineers' hammer ROTBAND-PLUS No. 600 H-300 -500<br>Recoilless hammer No. 248 ST-40<br>Universal pliers No. 142 10 JC<br>Bent nose pliers No. 8132-160 JC<br>Power side cutter No. 8316-160 JC<br>Power combination pliers No. 8250-180 JC<br>Circlip pliers for external retaining rings No. 8000 A 1 2 21<br>Circlip pliers for internal retaining rings No. 8000 J 1 2 21 | 4,1 |

**2005 CT2-TX 30**  
Socket set 3/8" in  
2/4 Check-Tool-Module



> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.            | Contents  |     |
|----------------|----------------|---|-----|
| <b>2016508</b> | 2005 CT2-TX 30 | IN 30 4 5 6 7 8 10<br>IN 30 L 4-95 5-95 6-95 7-95 8-95 10-95<br>IN 30 LK 4 5 6 8 10<br>ITX 30 T20 T25 T27 T30 T40 T45 T50<br>ITX 30 L T20 T25 T27 T30 T40 T45 T50<br>ITX 30 B T20 T25 T27 T30 T40 T45 T50<br>TX 30 E5 E6 E7 E8 E10 E11 E12 E14<br>INX 30 5 6 8<br>INX 30 L 6 8 10 | 3,2 |



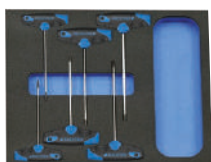
**2005 CT2-D 19L**  
Socket  
assortment 1/2" in  
2/4 Check-Tool-Module



> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.            | Contents   |     |
|----------------|----------------|--|-----|
| <b>2016516</b> | 2005 CT2-D 19L | D 19 L 10 12 13 14 15 16 17 18 19 21 22 24 27 30 32 34<br>IN 19 10 12 14 17 19<br>IN 19 L 12-140 14-140<br>IN 19 LK 10-140 12-140<br>INX 19 12 14<br>INX 19 L 12-100 14-100<br>ITX 19 T55 T60<br>ITX 19 L T55-100 T60-100<br>ITX 19 B T50 T55 T60<br>TX 19 E16 E18 E20 E24 | 6,9 |

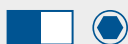
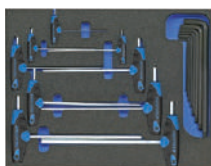
**2005 CT2-2142 TX**  
Screwdriver set in  
2/4 Check-Tool-Module



> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.              | Contents                        |     |
|----------------|------------------|---------------------------------|-----|
| <b>2016559</b> | 2005 CT2-2142 TX | 2142 TX T15 T20 T25 T27 T30 T40 | 0,7 |

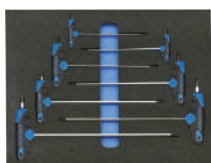
**2005 CT2-DT 2142**  
Hexagon  
allen key set in  
2/4 Check-Tool-Module



> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.              | Contents   |      |
|----------------|------------------|--|------|
| <b>2016540</b> | 2005 CT2-DT 2142 | DT 2142 2 2,5 3 4 5 6 7 8 10<br>H 42 KEL-88 (2,2,5 3 4 5 6 8 10) | 1,45 |

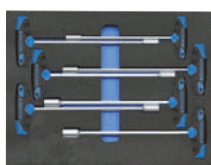
**2005 CT2-2143 KTX**  
Hexagon  
allen key set in  
2/4 Check-Tool-Module



> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.               | Contents                                |      |
|----------------|-------------------|---|------|
| <b>2016567</b> | 2005 CT2-2143 KTX | DT 2143 KTX T10 T15 T20 T25 T27 T30 T40 | 0,62 |

**2005 CT2-2133 T**  
Socket set in  
2/4 Check-Tool-Module



> Dimensions:  
316.5 x 390 x 35 mm

| Code           | No.             | Contents                 |       |
|----------------|-----------------|--------------------------|-------|
| <b>2016532</b> | 2005 CT2-2133 T | 2133 T 7 8 9 10 11 12 13 | 1,351 |



# SPANNERS

The key to success: perfect work results can only be reached with the perfect spanner. The name GEDORE stands for exact nominal dimensions, long service life, full torque transmission and work safety worldwide.

The GEDORE story began with the spanner in 1919. Since then, the range of open-end, ring, ring ratchet and special spanners has grown steadily. Classics such as the No. 6 and the 7R ratchet spanner continue to set standards in terms of precision and reliability. All GEDORE spanners are manufactured from high-quality steel in a forging

furnace, have precise nominal dimensions and a complex surface finish. Quality made in Germany for optimum working quality and safety.



## PRECISION, CORRECT MEASUREMENTS AND PERFECT FIT

- The most important requirements for a safe working environment
- Easy transmission of available torque
- Long life of nut and bolt
- Profiles easy on the bolt heads (UD, jaw, hexagon)
- Minimum production tolerances ensure that spanners fit perfectly on bolts





### WHY MATT CHROME-PLATED?

- Secure grip, even with oily hands
- Double corrosion protection



PRECISE  
RELIABLE



### DURABLE AND VERY RESILIENT

- For hard continuous use and safety in use
- High bending stiffness - bending instead of breaking or splintering when overloaded
- Extreme hardness for long service life

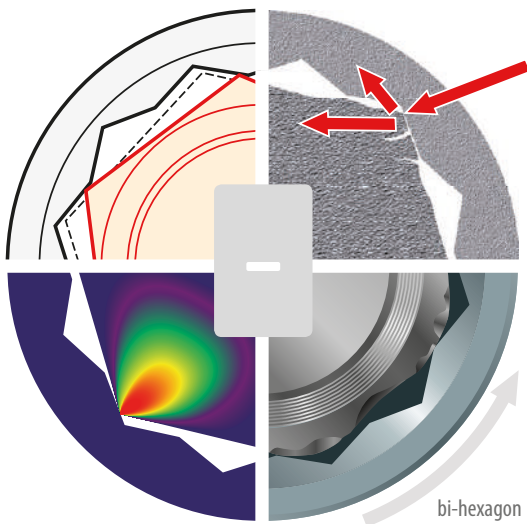
### WIDEST RANGE

- Extremely wide range in standard, non-standard, metric (mm), imperial (AF) and Whitworth (W) dimensions.
- Available individually or in convenient sets or modules

# GEDORE UNIT-DRIVE

The GEDORE UNIT-DRIVE profile prevents the "round turning" of screw heads by means of a wave profile without pointed or sharp edges.

TRADITIONAL PROFILE



**1** The reduced contact surface lessens the force closure. Certain torque transfer is no longer possible and can become a risk.

**2** The influence exerted of the sharp edges raises the notching effect on the bolt. The profile is ruined.

**3** Since there is no longer any torque transfer, the rounded bolt profiles cannot be unscrewed - the tool keeps on slipping.

**4** Pronounced force on the tip of the bolt profile. Concentrated pressure deforms the bolt.

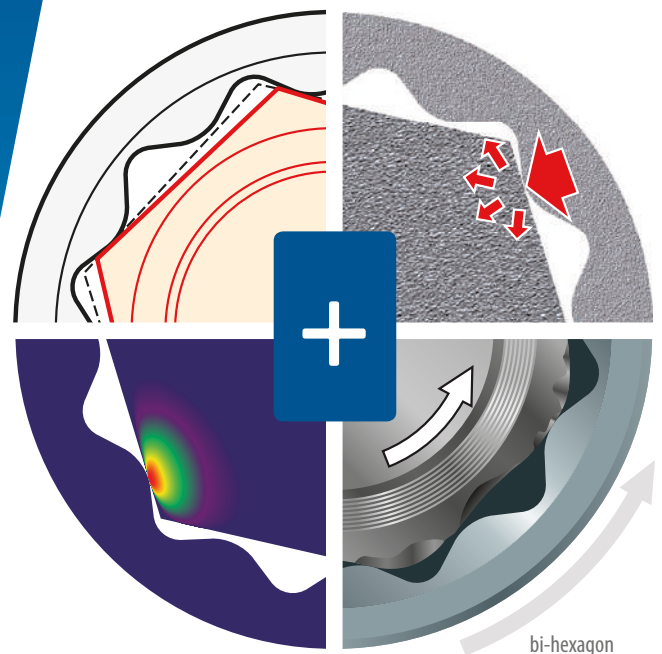
**1** A large contact surface provides a secure force closure even for those bolts whose sizes lie outside of the tolerances.

**2** Uniform distribution of the force on the bolt flanks. The resulting reduced notching effect stops the bolt from turning round and round.

**3** Gentle torque transfer enables even worn bolts to be unscrewed with every certainty - no slipping of the tool at all.

**4** Thanks to the optimally distributed force up to 20 % higher torques can be transferred.

GEDORE UNIT-DRIVE PROFILE (UD-PROFILE)



## OPTIMUM FRICTIONAL LOCKING PROTECTS SCREW HEADS



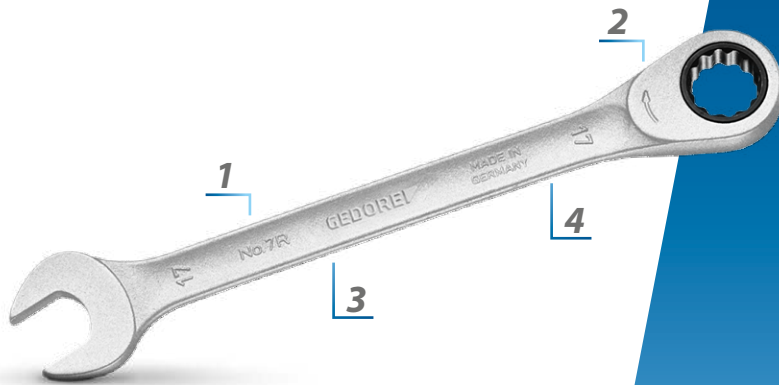
Enlarged, round contact surfaces of GEDORE tools ensure reliable torque transmission, which acts evenly on the screw head.

The notch effect, reduced to a minimum as a result, prevents damage to the screw head profile - a plus for safety, as slipping and spinning is prevented, even with damaged screw heads.



# **i** SPANNER RATCHET

The revolution



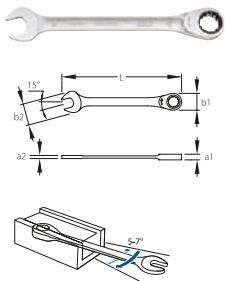
- 1** HOLLOW PROFILE  
COMFORTABLE TO HOLD
- 2** FOR RATCHET LOOSENING  
AND FAST TIGHTENING
- 3** WARP-RESISTANT GEOMETRY  
WITH DOUBLE T-GIRDER EFFECT
- 4** NON-GLARE LOOK THANKS TO  
MATT CHROME-PLATING

- With same size each end
- UD profile
- High torque transfer
- GEDORE vanadium steel 31CrV3
- Non-glare look thanks to matt chrome plating, locking insert and pawl manganese-phosphated

- Hot forged
- Jaw: ground precisely to exact nominal size for optimum contact areas
- In combination with adaptor no. 7 RA or 7 RB (please order separately) the spanner no. 7 R and 7 UR can be used as a (bit) ratchet

## 7 R

Combination ratchet spanner  
Flat pattern



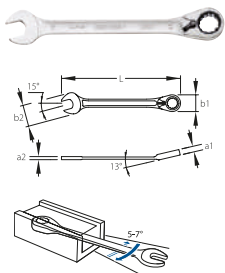
- > With same size each end
- > For ratcheting release or quick tightening
- > Flat pattern
- > High torque transfer

| Code    | No.    | Ø mm | L   |
|---------|--------|------|-----|
| 2297051 | 7 R 8  | 8,0  | 140 |
| 2297078 | 7 R 9  | 9,0  | 150 |
| 2297086 | 7 R 10 | 10   | 160 |
| 2297094 | 7 R 11 | 11   | 164 |
| 2297108 | 7 R 12 | 12,0 | 170 |
| 2297116 | 7 R 13 | 13,0 | 180 |
| 2297124 | 7 R 14 | 14,0 | 190 |
| 2297132 | 7 R 15 | 15,0 | 200 |
| 2297140 | 7 R 16 | 16,0 | 212 |
| 2297159 | 7 R 17 | 17,0 | 225 |

| Code    | No.    | Ø mm | L   |
|---------|--------|------|-----|
| 2297167 | 7 R 18 | 18,0 | 237 |
| 2297175 | 7 R 19 | 19,0 | 250 |
| 2219433 | 7 R 21 | 21,0 | 274 |
| 2297191 | 7 R 22 | 22,0 | 292 |
| 2297205 | 7 R 24 | 24,0 | 325 |
| 2297213 | 7 R 27 | 27,0 | 359 |
| 2297221 | 7 R 30 | 30,0 | 399 |
| 2297248 | 7 R 32 | 32,0 | 424 |
| 2219549 | 7 R 34 | 34,0 | 449 |
| 2219557 | 7 R 36 | 36,0 | 480 |

## 7 UR

Combination ratchet spanner, reversible



- > With same size each end
- > For ratchet loosening and fast tightening
- > Ring 13° offset from shaft, reversible
- > High torque transfer

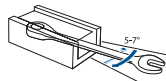
| Code    | No.     | Ø mm | L   |
|---------|---------|------|-----|
| 2297256 | 7 UR 8  | 8,0  | 140 |
| 2297264 | 7 UR 9  | 9,0  | 150 |
| 2297272 | 7 UR 10 | 10,0 | 160 |
| 2297280 | 7 UR 11 | 11,0 | 164 |
| 2297299 | 7 UR 12 | 12,0 | 170 |
| 2297302 | 7 UR 13 | 13,0 | 180 |
| 2297310 | 7 UR 14 | 14,0 | 190 |
| 2297329 | 7 UR 15 | 15,0 | 200 |

| Code    | No.     | Ø mm | L   |
|---------|---------|------|-----|
| 2297337 | 7 UR 16 | 16,0 | 212 |
| 2297345 | 7 UR 17 | 17,0 | 225 |
| 2297353 | 7 UR 18 | 18,0 | 237 |
| 2297361 | 7 UR 19 | 19,0 | 250 |
| 2244500 | 7 UR 21 | 21,0 | 274 |
| 2297388 | 7 UR 22 | 22,0 | 292 |
| 2297396 | 7 UR 24 | 24,0 | 325 |

## Spanners

### 7 R-005

Combination ratchet spanner set  
5 pieces

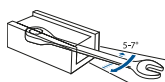


- > Practical composition
- > For ratchet loosening and fast tightening
- > Flat pattern
- > In plastic case

| Code    | No.     | Contents             | Pieces |       |
|---------|---------|----------------------|--------|-------|
| 2297434 | 7 R-005 | 7 R 8 10 13 17 19 mm | 5      | 0,932 |

### 7 R-012

Combination ratchet spanner set  
12 pieces



- > Practical composition
- > For ratchet loosening and fast tightening
- > Flat pattern
- > In robust sheet metal case

| Code    | No.     | Contents                            | Pieces |      |
|---------|---------|-------------------------------------|--------|------|
| 2297442 | 7 R-012 | 7 R 8 10 12 13 14 15 16 17 18 19 mm | 12     | 2,84 |

### 7 UR-005

Combination ratchet spanner set, reversible  
5 pieces



- > Practical composition
- > For ratchet loosening and fast tightening
- > Ring 13° offset from shaft, reversible
- > In plastic case

| Code    | No.      | Contents              | Pieces |      |
|---------|----------|-----------------------|--------|------|
| 2327651 | 7 UR-005 | 7 UR 8 10 13 17 19 mm | 5      | 0,93 |

### 7 UR-012

Combination ratchet spanner set, reversible  
12 pieces



- > Practical composition
- > For ratchet loosening and fast tightening
- > Ring 13° offset from shaft, reversible
- > In robust sheet metal case

| Code    | No.      | Contents                                  | Pieces |      |
|---------|----------|---|--------|------|
| 2297418 | 7 UR-012 | 7 UR 8 9 10 11 12 13 14 15 16 17 18 19 mm | 12     | 2,84 |

### 7 RA

Adaptor for 7 R / 7 UR



- > The adaptor transforms the ring ratchet spanner into a ratchet
- > With push-button release, wear-resistant and manganese phosphated
- > Fast-turning ring for swift release or tightening
- > Secure adaptor fit in the ring ratchet thanks to circlip

| Code    | No.       |    |      |      | H  |       |
|---------|-----------|----|------|------|----|-------|
| 2320495 | 7 RA-6,3  | 10 | 1/4" | 6,3  | 18 | 0,011 |
| 2320487 | 7 RA-10   | 13 | 3/8" | 10,0 | 24 | 0,03  |
| 2320479 | 7 RA-12,5 | 19 | 1/2" | 12,5 | 32 | 0,07  |



## 7 RB

Bit adaptor  
for 7 R/7 UR



- > The adaptor transforms the ring ratchet spanner into a bit ratchet
- > Secure adaptor fit in the ring ratchet thanks retaining ball
- > With magnetic holder

| Code    | No.      | mm | "     | mm  | H    | kg    |
|---------|----------|----|-------|-----|------|-------|
| 2329239 | 7 RB-6,3 | 10 | 1/4"  | 6,3 | 20,5 | 0,011 |
| 2327643 | 7 RB-8   | 10 | 5/16" | 8,0 | 23   | 0,015 |

## i NO. 1 B

### The strong all-rounder



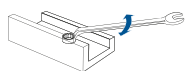
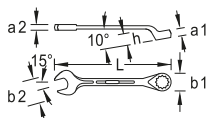
- 1** JAW: GROUND PRECISELY TO EXACT NOMINAL SIZE FOR OPTIMUM CONTACT AREAS
- 2** NON-GLARE LOOK THANKS TO MATT CHROME-PLATING
- 3** RING: 10° OFFSET FROM SHAFT, WITH UD PROFILE FOR GENTLE TRANSMISSION OF FORCE
- 4** SLIM RIBBED OPEN END FOR ADDED STRENGTH GUARANTEES MAXIMUM TORQUES

- Acc. to DIN 3113 Form B, ISO 3318, ISO 7738
- Sizes 5 and 5.5 mm with hexagonal ring, up from size 6 mm with UD profile
- GEDORE vanadium steel 31CrV3, chrome plated
- Carefully forged and professionally machined

- Ring: cranked and angled 10°, with UD Profi for gentle power transmission
- Overloading indicated by deformation
- The offset ring ensures a better grip on deep seated or inset nuts or bolts
- Top-grade industrial quality for the hardest of continuous use

## 1 B (MM)

Combination spanner  
with same size each end  
metric



- > Size 5 and 5.5 mm with hexagonal ring, from 6 mm with UD profile for gentle power transmission
- > Ring cranked and angled 10°
- > For actuating recessed or deep-set nuts or screws

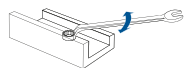
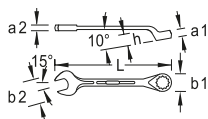
\* not standardised

| Code     | No.     | mm  | L   | Code     | No.    | mm | L   |
|----------|---------|-----|-----|----------|--------|----|-----|
| 6000240  | 1 B 5   | 5   | 100 | 6002450* | 1 B 25 | 25 | 328 |
| 6000320  | 1 B 5,5 | 5,5 | 100 | 6002530* | 1 B 26 | 26 | 340 |
| 6000400  | 1 B 6   | 6   | 100 | 6002610  | 1 B 27 | 27 | 352 |
| 6000590  | 1 B 7   | 7   | 112 | 6002880* | 1 B 28 | 28 | 370 |
| 6000670  | 1 B 8   | 8   | 125 | 6002960* | 1 B 29 | 29 | 370 |
| 6000750  | 1 B 9   | 9   | 138 | 6003180  | 1 B 30 | 30 | 390 |
| 6000830  | 1 B 10  | 10  | 148 | 6003260  | 1 B 32 | 32 | 412 |
| 6000910  | 1 B 11  | 11  | 158 | 6003340* | 1 B 33 | 33 | 412 |
| 6001050  | 1 B 12  | 12  | 168 | 6004150  | 1 B 34 | 34 | 412 |
| 6001130  | 1 B 13  | 13  | 185 | 6003420  | 1 B 36 | 36 | 460 |
| 6001210  | 1 B 14  | 14  | 198 | 6003500* | 1 B 38 | 38 | 460 |
| 6001480  | 1 B 15  | 15  | 210 | 6003690  | 1 B 41 | 41 | 520 |
| 6001560  | 1 B 16  | 16  | 220 | 6003770  | 1 B 46 | 46 | 550 |
| 6001640  | 1 B 17  | 17  | 232 | 6003850  | 1 B 50 | 50 | 580 |
| 6001720  | 1 B 18  | 18  | 245 | 6003930  | 1 B 55 | 55 | 620 |
| 6001800  | 1 B 19  | 19  | 258 | 6004070  | 1 B 60 | 60 | 660 |
| 6001990* | 1 B 20  | 20  | 270 | 6004660* | 1 B 65 | 65 | 710 |
| 6002020  | 1 B 21  | 21  | 280 | 6004740* | 1 B 70 | 70 | 760 |
| 6002100  | 1 B 22  | 22  | 292 | 6004820* | 1 B 75 | 75 | 810 |
| 6002290* | 1 B 23  | 23  | 305 | 6004900* | 1 B 80 | 80 | 860 |
| 6002370  | 1 B 24  | 24  | 318 |          |        |    |     |

## Spanners

### 1 B (AF)

Combination spanner with same size each inch

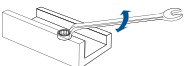
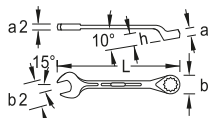


- > With UD profile for gentle power transmission, from SW 1.3/8" 12-edge ring
- > Ring cranked and angled 10
- > For actuating recessed or deep-set nuts or screws

| Code    | No.          | AF      | L   | Code    | No.           | AF       | L   |
|---------|--------------|---------|-----|---------|---------------|----------|-----|
| 6005120 | 1 B 1/4AF    | 1/4"    | 100 | 6006870 | 1 B 1.1/4AF   | 1.1/4"   | 412 |
| 6005200 | 1 B 5/16AF   | 5/16"   | 125 | 6006950 | 1 B 1.5/16AF  | 1.5/16"  | 412 |
| 6005390 | 1 B 3/8AF    | 3/8"    | 148 | 6007090 | 1 B 1.3/8AF   | 1.3/8"   | 460 |
| 6005470 | 1 B 7/16AF   | 7/16"   | 158 | 6007170 | 1 B 1.7/16AF  | 1.7/16"  | 460 |
| 6005550 | 1 B 1/2AF    | 1/2"    | 185 | 6007250 | 1 B 1.1/2AF   | 1.1/2"   | 460 |
| 6005630 | 1 B 9/16AF   | 9/16"   | 198 | 6007330 | 1 B 1.5/8AF   | 1.5/8"   | 520 |
| 6005710 | 1 B 5/8AF    | 5/8"    | 220 | 6007410 | 1 B 1.3/4AF   | 1.3/4"   | 550 |
| 6005980 | 1 B 11/16AF  | 11/16"  | 245 | 6007680 | 1 B 1.13/16AF | 1.13/16" | 550 |
| 6006010 | 1 B 3/4AF    | 3/4"    | 258 | 6007760 | 1 B 1.7/8AF   | 1.7/8"   | 550 |
| 6006280 | 1 B 13/16AF  | 13/16"  | 280 | 6007840 | 1 B 2AF       | 2"       | 580 |
| 6006360 | 1 B 7/8AF    | 7/8"    | 292 | 6007920 | 1 B 2.1/16AF  | 2.1/16"  | 580 |
| 6006440 | 1 B 15/16AF  | 15/16"  | 318 | 6008060 | 1 B 2.3/16AF  | 2.3/16"  | 620 |
| 6006520 | 1 B 1.AF     | 1"      | 340 | 6008140 | 1 B 2.1/4AF   | 2.1/4"   | 620 |
| 6006600 | 1 B 1.1/16AF | 1.1/16" | 352 | 6008220 | 1 B 2.3/8AF   | 2.3/8"   | 660 |
| 6006790 | 1 B 1.1/8AF  | 1.1/8"  | 370 | 6008300 | 1 B 2.7/16AF  | 2.7/16"  | 660 |

### 1 B (WW)

Combination spanner with same size each Whitworth

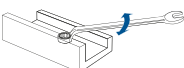
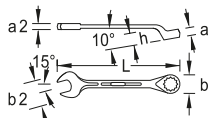


- > With 12-sided ring
- > Ring cranked and angled 10
- > For actuating recessed or deep-set nuts or screws

| Code    | No.       | Whitw. | L   | Code    | No.        | Whitw. | L   |
|---------|-----------|--------|-----|---------|------------|--------|-----|
| 6009540 | 1 B 1/8W  | 1/8W   | 138 | 6010120 | 1 B 1/2W   | 1/2W   | 305 |
| 6009620 | 1 B 3/16W | 3/16W  | 158 | 6010200 | 1 B 9/16W  | 9/16W  | 340 |
| 6009700 | 1 B 1/4W  | 1/4W   | 185 | 6010390 | 1 B 5/8W   | 5/8W   | 370 |
| 6009890 | 1 B 5/16W | 5/16W  | 210 | 6010470 | 1 B 11/16W | 11/16W | 390 |
| 6009970 | 1 B 3/8W  | 3/8W   | 245 | 6010550 | 1 B 3/4W   | 3/4W   | 412 |
| 6010040 | 1 B 7/16W | 7/16W  | 280 |         |            |        |     |

### 1 B (MM) / 1 B (AF)

Combination spanner set metric

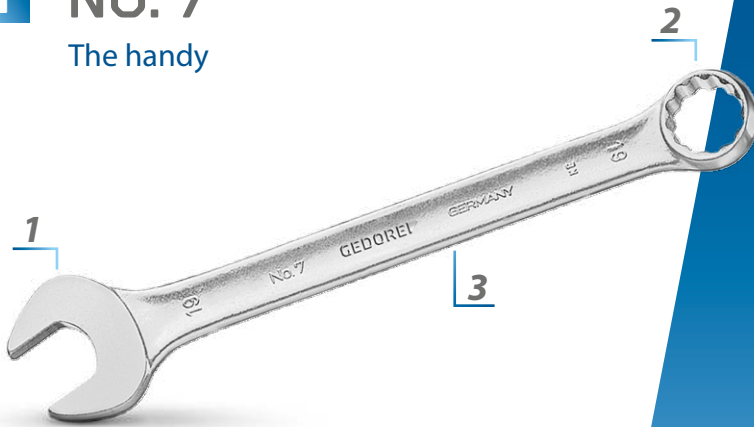


- > With UD profile for gentle power transmission, from SW 1.3/8" 12-edge ring
- > Ring cranked and angled 10
- > For actuating recessed or deep-set nuts or screws

| Code    | No.      | Contents   | pieces | kg    |
|---------|----------|--|--------|-------|
| 6011870 | 1 B-08   | 10 12 13 14 17 19 22 24 mm   | 8      | 2,6   |
| 6011950 | 1 B-080  | 8 9 10 11 13 14 17 19 mm   | 8      | 1     |
| 6013300 | 1 B-08A  | 3/8 7/16 1/2 9/16 5/8 3/4 7/8 1"   | 8      | 1,41  |
| 6012250 | 1 B-011  | 8 9 10 11 12 13 14 15 17 19 22 mm  | 11     | 1,19  |
| 6012170 | 1 B-012  | 10 11 12 13 14 17 19 22 24 27 30 32 mm                                       | 12     | 3,39  |
| 6012840 | 1 B-0112 | 6 7 8 9 10 11 12 13 14 15 17 19 mm   | 12     | 0,925 |
| 6013650 | 1 B-014A | 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8 1 1.1/16 1.1/8 1.1/4"         | 14     | 3,488 |
| 6000160 | 1 B-0115 | 6 7 8 9 10 11 12 13 17 19 22 24 27 30 32 mm                                  | 15     | 3,385 |
| 6012680 | 1 B-017  | 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 mm                            | 17     | 2,3   |
| 6013060 | 1 B-020  | 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 30 32 mm                 | 20     | 5,5   |
| 6012920 | 1 B-026  | 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 mm | 26     | 7,5   |

# i NO. 7

The handy



**1** JAW: GROUND PRECISELY TO EXACT NOMINAL SIZE FOR OPTIMUM CONTACT AREAS

**2** RING: 15° OFFSET FROM SHAFT, WITH UD PROFILE FOR GENTLE TRANSMISSION OF FORCE

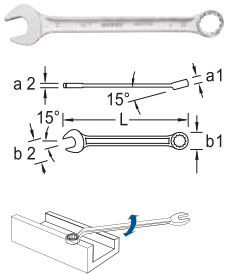
**3** NON-GLARE LOOK THANKS TO MATT CHROME-PLATING

- Acc. to DIN 3113 Form A, ISO 3318, ISO 7738
- GEDORE vanadium steel 31CrV3, chrome plated
- Carefully forged and professionally machined
- Slim jaw and jaw walls make this spanner lighter overall
- Overloading indicated by deformation

- Secure grip thanks to hollow shaft - very ergonomic and handy
- Non-glare look thanks to matt chrome-plating
- Designed for universal use
- Top-grade industrial quality for the hardest of continuous use

## 7 (MM)

Combination spanner with same size each end metric



- > Slim jaw and jaw walls make this spanner lighter overall
- > Ring 15° angled, with UD profile - for gentle power transmission
- > Mouth position 15°, precisely ground to exact nominal dimension for optimum contact surfaces

\* not standardised

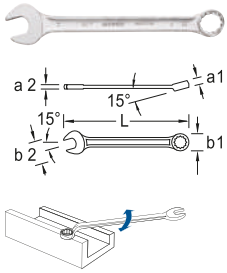
| Code     | No.   | Ø mm | L   | Code     | No.  | Ø mm | L   |
|----------|-------|------|-----|----------|------|------|-----|
| 6080680* | 7 3   | 3    | 78  | 6090720  | 7 17 | 17   | 210 |
| 6080760* | 7 3,2 | 3.2  | 78  | 6091880  | 7 18 | 18   | 220 |
| 6080840* | 7 3,5 | 3.5  | 78  | 6090800  | 7 19 | 19   | 230 |
| 6080920* | 7 4   | 4    | 85  | 6091960* | 7 20 | 20   | 240 |
| 6081060* | 7 4,5 | 4.5  | 85  | 6092180  | 7 21 | 21   | 252 |
| 6081140* | 7 5   | 5    | 92  | 6090990  | 7 22 | 22   | 262 |
| 6081220* | 7 5,5 | 5.5  | 92  | 6092260* | 7 23 | 23   | 270 |
| 6089550  | 7 6   | 6    | 100 | 6091020  | 7 24 | 24   | 282 |
| 6089630  | 7 7   | 7    | 110 | 6092340* | 7 25 | 25   | 290 |
| 6089710  | 7 8   | 8    | 120 | 6092420* | 7 26 | 26   | 302 |
| 6089980  | 7 9   | 9    | 130 | 6091100  | 7 27 | 27   | 310 |
| 6090050  | 7 10  | 10   | 140 | 6092500* | 7 28 | 28   | 320 |
| 6090130  | 7 11  | 11   | 150 | 6092690* | 7 29 | 29   | 330 |
| 6090210  | 7 12  | 12   | 160 | 6091290  | 7 30 | 30   | 340 |
| 6090480  | 7 13  | 13   | 170 | 6091370  | 7 32 | 32   | 370 |
| 6090560  | 7 14  | 14   | 180 | 1827987  | 7 34 | 34   | 420 |
| 6090640  | 7 15  | 15   | 190 | 6089470  | 7 36 | 36   | 460 |
| 6091610  | 7 16  | 16   | 200 |          |      |      |     |

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## Spanners

### 7 (AF)

Combination spanner with same size each end inch

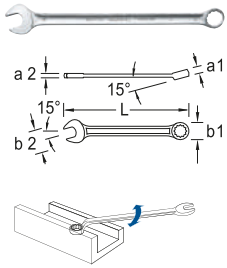


- > Slim jaw and jaw walls make this spanner lighter overall
- > Ring 15° angled, with UD profile - for gentle power transmission
- > Mouth position 15°, precisely ground to exact nominal dimension for optimum contact surfaces

| Code    | No.       | ⌀ "AF" | L   | Code    | No.       | ⌀ "AF" | L   |
|---------|-----------|--------|-----|---------|-----------|--------|-----|
| 1436767 | 7 3/16AF  | 3/16"  | 85  | 6099510 | 7 9/16AF  | 9/16"  | 180 |
| 1436775 | 7 7/32AF  | 7/32"  | 92  | 6099780 | 7 5/8AF   | 5/8"   | 200 |
| 6098700 | 7 1/4AF   | 1/4"   | 100 | 6099860 | 7 11/16AF | 11/16" | 220 |
| 6098890 | 7 5/16AF  | 5/16"  | 120 | 6099940 | 7 3/4AF   | 3/4"   | 230 |
| 6098970 | 7 11/32AF | 11/32" | 130 | 6100030 | 7 13/16AF | 13/16" | 252 |
| 6099190 | 7 3/8AF   | 3/8"   | 140 | 6100110 | 7 7/8AF   | 7/8"   | 262 |
| 6099270 | 7 7/16AF  | 7/16"  | 150 | 6100380 | 7 15/16AF | 15/16" | 282 |
| 6099430 | 7 1/2AF   | 1/2"   | 170 | 6100460 | 7 1AF     | 1"     | 302 |

### 7 XL

Combination spanner extra long



- > With same size each end
- > Extra long shaft for deep range of use and more torque
- > Slim jaw and jaw walls make this spanner lighter overall
- > Ring 15° angled, with UD profile - for gentle power transmission
- > Mouth position 15°, precisely ground to exact nominal dimension for optimum contact surfaces

| Code    | No.     | ⌀ mm | L   | Code    | No.     | ⌀ mm | L   |
|---------|---------|------|-----|---------|---------|------|-----|
| 1394916 | 7 XL 7  | 7    | 160 | 6101000 | 7 XL 19 | 19   | 310 |
| 6080090 | 7 XL 8  | 8    | 170 | 6080410 | 7 XL 21 | 21   | 340 |
| 6080170 | 7 XL 9  | 9    | 180 | 6101190 | 7 XL 22 | 22   | 350 |
| 6097300 | 7 XL 10 | 10   | 190 | 6101270 | 7 XL 24 | 24   | 400 |
| 6097490 | 7 XL 11 | 11   | 200 | 6101350 | 7 XL 27 | 27   | 450 |
| 6100540 | 7 XL 12 | 12   | 210 | 6101780 | 7 XL 30 | 30   | 480 |
| 6100620 | 7 XL 13 | 13   | 225 | 6101430 | 7 XL 32 | 32   | 500 |
| 6100700 | 7 XL 14 | 14   | 235 | 6101940 | 7 XL 34 | 34   | 520 |
| 6100890 | 7 XL 15 | 15   | 250 | 6101510 | 7 XL 36 | 36   | 550 |
| 6080250 | 7 XL 16 | 16   | 265 | 6102080 | 7 XL 41 | 41   | 600 |
| 6100970 | 7 XL 17 | 17   | 280 | 6102160 | 7 XL 46 | 46   | 640 |
| 6080330 | 7 XL 18 | 18   | 295 |         |         |      |     |

### 7 XL

Combination spanner set extra long

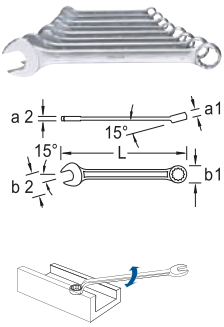


- > With same size each end
- > Extra long shaft for deep range of use and more torque
- > Slim jaw and jaw walls make this spanner lighter overall
- > Ring 15° angled, with UD profile - for easy power transmission
- > Mouth position 15°, precisely ground to exact nominal dimension for optimum contact surfaces

| Code    | No.       | Contents                               | pieces | kg    |
|---------|-----------|--|--------|-------|
| 6104880 | 7 XL-080  | 8 9 10 11 13 14 17 19 mm               | 8      | 0,962 |
| 6104960 | 7 XL-0111 | 8 10 11 12 13 14 16 17 18 19 22 mm     | 11     | 1,794 |
| 6095950 | 7 XL-012  | 10 11 12 13 14 17 19 22 24 27 30 32 mm | 12     | 4,41  |

**7 (MM) / 7 (AF)**Combination  
spanner set  
metric

- > Practical composition
- > With same size each end
- > Ring 15° angled, with UD profile - for gentle power transmission
- > Mouth position 15°, precisely ground to exact nominal dimension for optimum contact surfaces



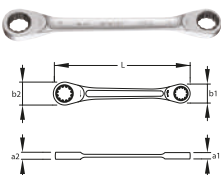
| Code           | No.    | Contents   | pieces |       |
|----------------|--------|--|--------|-------|
| <b>6092770</b> | 7-08   | 10 12 13 14 17 19 22 24 mm   | 8      | 0,973 |
| <b>6092850</b> | 7-080  | 8 9 10 11 13 14 17 19 mm   | 8      | 0,536 |
| <b>6091450</b> | 7-08A  | 3/8 7/16 1/2 9/16 5/8 3/4 7/8 1"   | 8      | 1,047 |
| <b>6093070</b> | 7-011  | 8 9 10 11 12 13 14 15 17 19 22 mm  | 11     | 0,868 |
| <b>6091530</b> | 7-0112 | 6 7 8 9 10 11 12 13 14 15 17 19 mm   | 12     | 0,686 |
| <b>6093150</b> | 7-012  | 10 11 12 13 14 17 19 22 24 27 30 32 mm                                       | 12     | 2,7   |
| <b>6093580</b> | 7-017  | 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 mm                            | 17     | 1,465 |
| <b>6093660</b> | 7-020  | 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 30 32 mm                 | 20     | 3,36  |
| <b>6093740</b> | 7-026  | 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 mm | 26     | 4,665 |

**i NO. 4 R**

The double with ratchet



- Flat pattern
- Thin walled rings
- UD profile
- Working angle: 7° up to 14x15 mm, 6° from 16x17 mm to 18x19 mm
- For ratchet loosening and fast tightening
- GEDORE vanadium steel 31CrV3
- Non-glare look thanks to matt chrome plating, locking insert and pawl manganese phosphated
- Hot forged
- Tried-and-tested GEDORE technology combined anew: stable hollow shaft of no. 7 and refined mechanism of the U-20 ratchets
- In combination with adaptor no. 7 RA or 7 RB (please order separately) the spanner no. 4 R can be used as a (bit) ratchet

**4 R (MM)**Double ring ratchet  
spanner

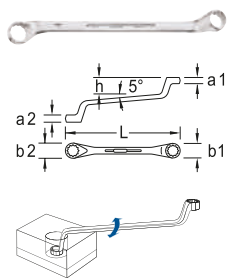
- > With different key widths
- > Flat pattern
- > Thin walled rings
- > For ratchet loosening and fast tightening
- > With adaptor No. 7 RA or 7 RB (please order separately) the No. 4 R becomes a (bit) ratchet
- > Return angle 7° to 14x15 mm, 6° 16x17 mm to 18x19 mm

| Code           | No.       | mm      | L     |      |
|----------------|-----------|---------|-------|------|
| <b>2306719</b> | 4 R 8X9   | 8 x 9   | 134   | 0,04 |
| <b>2306743</b> | 4 R 10X11 | 10 x 11 | 153,5 | 0,07 |
| <b>2306751</b> | 4 R 10X13 | 10 x 13 | 165,5 | 0,08 |
| <b>2306786</b> | 4 R 12X13 | 12 x 13 | 174,5 | 0,09 |
| <b>2306794</b> | 4 R 14X15 | 14 x 15 | 197   | 0,14 |
| <b>2306816</b> | 4 R 17X19 | 17 x 19 | 235   | 0,22 |
| <b>2306832</b> | 4 R 18X19 | 18 x 19 | 248   | 0,23 |



## 2

Double ended ring spanner



- > With different key widths
- > Rings deeply cranked and angled at 5°
- > For extremely deep or inset bolts

\* not standardised

| Code     | No.     | Ø mm  | L   | Code     | No.     | Ø mm  | L   |
|----------|---------|-------|-----|----------|---------|-------|-----|
| 6010630* | 2 5,5X7 | 5.5x7 | 170 | 6018020* | 2 21X23 | 21x23 | 305 |
| 6015350  | 2 6X7   | 6x7   | 170 | 6018100  | 2 22X24 | 22x24 | 307 |
| 6015430  | 2 7X8   | 7x8   | 180 | 6018370* | 2 24X26 | 24x26 | 325 |
| 6015510  | 2 8X9   | 8x9   | 182 | 6018450  | 2 24X27 | 24x27 | 325 |
| 6015780  | 2 8X10  | 8x10  | 182 | 6018530  | 2 24X30 | 24x30 | 345 |
| 6015860* | 2 9X11  | 9x11  | 195 | 6018610* | 2 25X28 | 25x28 | 345 |
| 6015940  | 2 10X11 | 10x11 | 195 | 6018880* | 2 27X29 | 27x29 | 345 |
| 6016080* | 2 10X12 | 10x12 | 195 | 6018960  | 2 27X30 | 27x30 | 345 |
| 6016160  | 2 10X13 | 10x13 | 212 | 6019180  | 2 27X32 | 27x32 | 370 |
| 6016320  | 2 11X13 | 11x13 | 212 | 6019260  | 2 30X32 | 30x32 | 370 |
| 6016590  | 2 12X13 | 12x13 | 212 | 6019340  | 2 30X36 | 30x36 | 400 |
| 6016670  | 2 12X14 | 12x14 | 212 | 6019420  | 2 32X36 | 32x36 | 400 |
| 6016750  | 2 13X14 | 13x14 | 225 | 6019500  | 2 36X41 | 36x41 | 440 |
| 6016830  | 2 13X15 | 13x15 | 225 | 6019690* | 2 38X42 | 38x42 | 440 |
| 6016910  | 2 14X15 | 14x15 | 225 | 6019770  | 2 41X46 | 41x46 | 485 |
| 6017050  | 2 13X17 | 13x17 | 245 | 6019850  | 2 46X50 | 46x50 | 535 |
| 6017130  | 2 14X17 | 14x17 | 245 | 6019930* | 2 55X60 | 55x60 | 610 |
| 6017210  | 2 16X17 | 16x17 | 245 | 6025660  | 2 16X18 | 16x18 | 265 |
| 6017480  | 2 17X19 | 17x19 | 265 | 6025740  | 2 18X21 | 18x21 | 285 |
| 6017560  | 2 18X19 | 18x19 | 265 | 6025820  | 2 21X24 | 21x24 | 307 |
| 6017720  | 2 19X22 | 19x22 | 287 | 6025900  | 2 30X34 | 30x34 | 375 |
| 6017800* | 2 20X22 | 20x22 | 287 | 6026040  | 2 34X36 | 34x36 | 420 |
| 6017990  | 2 19X24 | 19x24 | 305 |          |         |       |     |

## i NO. 2

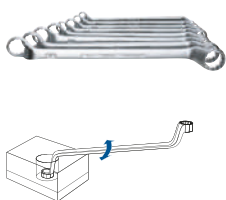
### Offset



- Rings deep offset, strong but thin walls
- Acc. to DIN 838, ISO 3318, ISO 1085, ISO 10104
- GEDORE vanadium steel 31CrV3, chrome plated \* not standardised
- Carefully forged and professionally machined:
- Ring: thin-walled, 5° deep offset from shaft, with UD profile for gentle transmission of force
- High bending strength - does not fracture or splinter when overloaded, thus minimising the risk of injury
- Overloading indicated by deformation
- Non-glare look thanks to matt chrome-plating
- Specialist for extremely deep or inset bolts
- Top-grade industrial quality for the hardest of continuous use

## 2

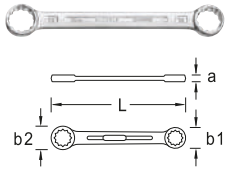
Double ended ring spanner set



- > Practical composition
- > With different key widths
- > Rings deeply cranked and angled at 5°

| Code    | No.       | Contents   | Pieces | kg    |
|---------|-----------|--|--------|-------|
| 6030580 | 2-8       | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm                         | 8      | 1,297 |
| 6030740 | 2-10      | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 mm             | 10     | 2,225 |
| 6031120 | 2-100     | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 24x27 30x32 mm             | 10     | 2,555 |
| 6030900 | 2-12      | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32 mm | 12     | 4,06  |
| 6031040 | 2-120     | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32 mm | 12     | 4     |
| 6031390 | 2-122 ISO | 6x7 8x9 10x11 12x13 14x15 16x18 17x19 20x22 21x23 24x26 27x32 30x34 mm | 12     | 3,73  |

4

Double ended  
ring spanner  
straight

- > With different key widths
- > Flat pattern
- > Thin walled rings

\* not standardised

| Code     | No.     | mm    | L   | kg    |
|----------|---------|-------|-----|-------|
| 6052710  | 4 6X7   | 6x7   | 99  | 0,014 |
| 6053010  | 4 8X9   | 8x9   | 114 | 0,024 |
| 6053280  | 4 8X10  | 8x10  | 115 | 0,022 |
| 6053440  | 4 10X11 | 10x11 | 131 | 0,034 |
| 6053520  | 4 10X13 | 10x13 | 149 | 0,045 |
| 6053870  | 4 12X13 | 12x13 | 149 | 0,049 |
| 6054170  | 4 13X15 | 13x15 | 161 | 0,064 |
| 6054250  | 4 14X15 | 14x15 | 161 | 0,064 |
| 6054330  | 4 13X17 | 13x17 | 167 | 0,074 |
| 6054410  | 4 14X17 | 14x17 | 169 | 0,077 |
| 6054680  | 4 16X17 | 16x17 | 169 | 0,084 |
| 6054760  | 4 17X19 | 17x19 | 186 | 0,098 |
| 6054840  | 4 18X19 | 18x19 | 186 | 0,106 |
| 6054920  | 4 19X22 | 19x22 | 209 | 0,136 |
| 6055060* | 4 20X22 | 20x22 | 209 | 0,134 |
| 6055140* | 4 19X24 | 19x24 | 233 | 0,176 |
| 6055220* | 4 21X23 | 21x23 | 233 | 0,171 |
| 6055300  | 4 22X24 | 22x24 | 233 | 0,184 |
| 6055490* | 4 24X26 | 24x26 | 261 | 0,23  |
| 6055570  | 4 24X27 | 24x27 | 260 | 0,249 |
| 6055650  | 4 24X30 | 24x30 | 290 | 0,303 |
| 6055730* | 4 25X28 | 25x28 | 289 | 0,273 |
| 6055810  | 4 27X32 | 27x32 | 320 | 0,373 |
| 6056030  | 4 30X32 | 30x32 | 320 | 0,399 |
| 6056110  | 4 30X36 | 30x36 | 357 | 0,469 |
| 6056380  | 4 32X36 | 32x36 | 357 | 0,492 |
| 6056460  | 4 36X41 | 36x41 | 391 | 0,616 |
| 6056540  | 4 41X46 | 41x46 | 431 | 0,789 |
| 6056620  | 4 46X50 | 46x50 | 473 | 1,035 |

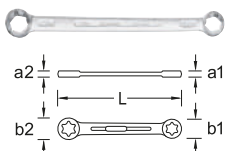
4

Double ended ring  
spanner set

- > Practical composition
- > With different key widths
- > Flat pattern
- > Thin walled rings

| Code    | No.   | Contents   | Pieces | kg    |
|---------|-------|--|--------|-------|
| 6061700 | 4-8   | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm                         | 8      | 0,521 |
| 6062000 | 4-12  | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32 mm | 12     | 1,549 |
| 6062190 | 4-120 | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32 mm | 12     | 2     |

TX 4

Double ended ring spanner  
straight, for external TX

- > With different key widths

| Code    | No.          | mm               | L   | kg    |
|---------|--------------|------------------|-----|-------|
| 6059800 | TX 4 E6XE8   | 5,74 x 7,52 mm   | 110 | 0,014 |
| 6059990 | TX 4 E10XE12 | 9,42 x 11,17 mm  | 140 | 0,039 |
| 6060140 | TX 4 E14XE18 | 12,90 x 16,70 mm | 180 | 0,074 |
| 6060220 | TX 4 E20XE24 | 18,45 x 22,16 mm | 226 | 0,163 |

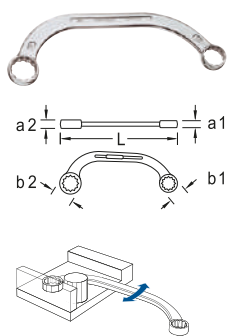
# i SPECIAL



- Thin walled rings
- GEDORE vanadium steel 31CrV3, chrome plated
- Specialists in tight spaces

## 304 (MM)

Half-moon ring spanner

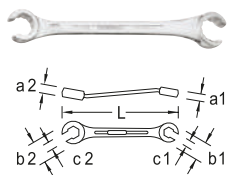


- > Thin walled rings
- > For working in extremely difficult to access areas

| Code    | No.       | Ø mm  | L   | kg    |
|---------|-----------|-------|-----|-------|
| 6470040 | 304 11X13 | 11x13 | 150 | 0,077 |
| 6470120 | 304 13X17 | 13x17 | 185 | 0,14  |
| 6470200 | 304 14X16 | 14x16 | 185 | 0,137 |
| 6470390 | 304 14X17 | 14x17 | 185 | 0,144 |
| 6470470 | 304 15X17 | 15x17 | 185 | 0,15  |
| 6470550 | 304 19X22 | 19x22 | 230 | 0,261 |
| 6470630 | 304 13X15 | 13x15 | 185 | 0,129 |
| 6567550 | 304 16X18 | 16x18 | 185 | 0,163 |

## 400 (MM)

Double ended ring spanner open



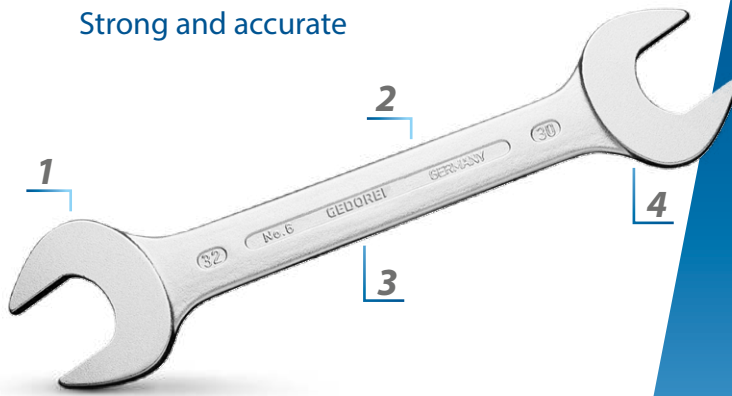
- > With different key widths
- > Application on hydraulic/brake lines
- > Sizes 8x10 to 12x14 mm with hexagon
- > Heads 15° angled
- > hexagonal opening 30° offset, UD profile opening 15° offset

\* not standardised

| Code     | No.       | Ø mm  | L   | kg    |
|----------|-----------|-------|-----|-------|
| 6057190  | 400 8X10  | 8x10  | 140 | 0,045 |
| 6056970* | 400 9X11  | 9x11  | 145 | 0,059 |
| 6057270  | 400 10X11 | 10x11 | 150 | 0,064 |
| 6051070* | 400 10X12 | 10x12 | 150 | 0,073 |
| 6057350  | 400 11X13 | 11x13 | 160 | 0,077 |
| 6057430  | 400 12X14 | 12x14 | 170 | 0,106 |
| 6057000* | 400 13X15 | 13x15 | 180 | 0,116 |
| 6057510  | 400 14X17 | 14x17 | 195 | 0,136 |
| 6057780  | 400 17X19 | 17x19 | 210 | 0,179 |
| 6058670  | 400 19X22 | 19x22 | 230 | 0,246 |
| 6057860  | 400 22X24 | 22x24 | 250 | 0,335 |
| 6058750  | 400 24X27 | 24x27 | 270 | 0,408 |
| 6058830  | 400 30X32 | 30x32 | 300 | 0,575 |
| 1933175* | 400 36X41 | 36x41 | 351 | 0,98  |
| 2297183* | 400 46X50 | 46x50 | 396 | 0,8   |

# i NO. 6

Strong and accurate



- Acc. to DIN 3110, ISO 3318, ISO 1085, ISO 10102
- Top-grade industrial quality for the hardest of continuous use
- Overloading indicated by deformation
- GEDORE vanadium steel 31CrV3, heads finely polished, chrome-plated

**1** JAW: GROUND PRECISELY TO EXACT NOMINAL SIZE FOR OPTIMUM CONTACT AREAS

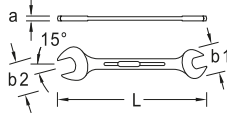
**2** NON-GLARE LOOK THANKS TO MATT CHROME-PLATING

**3** SECURE GRIP THANKS TO SLIM PROFILE SHAFT

**4** SLIM PATTERN

## 6 (MM)

Double open ended spanner metric



- > With different key widths
- > For hard to reach places thanks to very flat head

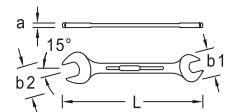
\* not standardised

| Code     | No.     | Ø mm  | L   | Code     | No.     | Ø mm  | L   |
|----------|---------|-------|-----|----------|---------|-------|-----|
| 2312107* | 6 55X60 | 55x60 | 560 | 6066500  | 6 18X19 | 18x19 | 222 |
| 6063400* | 6 4X4,5 | 4x4.5 | 100 | 6066690* | 6 17X22 | 17x22 | 236 |
| 6063590* | 6 4X5   | 4x5   | 100 | 6066770  | 6 19X22 | 19x22 | 236 |
| 6063670* | 6 5X5,5 | 5x5.5 | 100 | 6066850* | 6 20X22 | 20x22 | 236 |
| 6063750* | 6 5,5X7 | 5.5x7 | 122 | 6066930  | 6 19X24 | 19x24 | 250 |
| 6063830  | 6 6X7   | 6x7   | 122 | 6067070* | 6 21X23 | 21x23 | 247 |
| 6063910* | 6 6X8   | 6x8   | 122 | 6067150  | 6 22X24 | 22x24 | 250 |
| 6064050  | 6 7X8   | 7x8   | 140 | 6067230* | 6 22X27 | 22x27 | 266 |
| 6064130* | 6 7X9   | 7x9   | 140 | 6067310* | 6 24X26 | 24x26 | 266 |
| 6064210  | 6 8X9   | 8x9   | 140 | 6067580  | 6 24X27 | 24x27 | 266 |
| 6064480  | 6 8X10  | 8x10  | 140 | 6067660  | 6 24X30 | 24x30 | 280 |
| 6064560* | 6 9X10  | 9x10  | 157 | 6067740* | 6 25X28 | 25x28 | 280 |
| 6064640* | 6 9X11  | 9x11  | 157 | 6067820* | 6 27X29 | 27x29 | 302 |
| 6064720  | 6 10X11 | 10x11 | 157 | 6067900  | 6 27X30 | 27x30 | 302 |
| 6064800* | 6 10X12 | 10x12 | 157 | 6068040  | 6 27X32 | 27x32 | 302 |
| 6064990  | 6 10X13 | 10x13 | 172 | 6068120  | 6 30X32 | 30x32 | 302 |
| 6065100  | 6 11X13 | 11x13 | 172 | 6068200  | 6 30X36 | 30x36 | 328 |
| 6065290* | 6 11X14 | 11x14 | 172 | 6068390  | 6 32X36 | 32x36 | 328 |
| 6065370  | 6 12X13 | 12x13 | 172 | 6068470  | 6 36X41 | 36x41 | 360 |
| 6065450  | 6 12X14 | 12x14 | 172 | 6068550* | 6 38X42 | 38x42 | 360 |
| 6065530  | 6 13X14 | 13x14 | 178 | 6068630  | 6 41X46 | 41x46 | 400 |
| 6065610  | 6 13X15 | 13x15 | 188 | 6068710  | 6 46X50 | 46x50 | 450 |
| 6065880  | 6 14X15 | 14x15 | 188 | 6068980  | 6 13X16 | 13x16 | 190 |
| 6065960  | 6 13X17 | 13x17 | 205 | 6069360  | 6 18X21 | 18x21 | 236 |
| 6066180  | 6 14X17 | 14x17 | 205 | 6069440  | 6 21X24 | 21x24 | 250 |
| 6066260  | 6 16X17 | 16x17 | 205 | 6069520  | 6 30X34 | 30x34 | 302 |
| 6066340  | 6 16X18 | 16x18 | 205 | 6069600  | 6 34X36 | 34x36 | 328 |
| 6066420  | 6 17X19 | 17x19 | 222 |          |         |       |     |

## Spanners

### 6 (AF)

Double open ended spanner inch

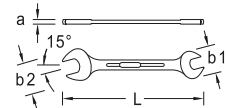


- > With different key widths
- > For hard to reach places thanks to very flat head

| Code    | No.               | ⊘ "AF"          | L   |
|---------|-------------------|-----------------|-----|
| 6070020 | 6 1/4X5/16AF      | 1/4"x5/16"      | 122 |
| 6070100 | 6 5/16X3/8AF      | 5/16"x3/8"      | 140 |
| 6070290 | 6 3/8X7/16AF      | 3/8"x7/16"      | 157 |
| 6070370 | 6 7/16X1/2AF      | 7/16"x1/2"      | 172 |
| 6070450 | 6 1/2X9/16AF      | 1/2"x9/16"      | 190 |
| 6070530 | 6 9/16X5/8AF      | 9/16"x5/8"      | 190 |
| 6070610 | 6 19/32X11/16AF   | 19/32"x11/16"   | 205 |
| 6070880 | 6 5/8X11/16AF     | 5/8"x11/16"     | 205 |
| 6070960 | 6 5/8X3/4AF       | 5/8"x3/4"       | 222 |
| 6071260 | 6 3/4X25/32AF     | 3/4"x25/32"     | 222 |
| 6071340 | 6 3/4X7/8AF       | 3/4"x7/8"       | 236 |
| 6071420 | 6 25/32X13/16AF   | 25/32"x13/16"   | 236 |
| 6071500 | 6 13/16X7/8AF     | 13/16"x7/8"     | 236 |
| 6071690 | 6 7/8X15/16AF     | 7/8"x15/16"     | 250 |
| 6071770 | 6 15/16X1AF       | 15/16"x1"       | 266 |
| 6071930 | 6 1.X1.1/8AF      | 1"x1.1/8"       | 280 |
| 6072070 | 6 1.1/16X1.1/8AF  | 1.1/16"x1.1/8"  | 302 |
| 6072150 | 6 1.1/16X1.1/4AF  | 1.1/16"x1.1/4"  | 302 |
| 6072230 | 6 1.1/8X1.5/16AF  | 1.1/8"x1.5/16"  | 302 |
| 6072310 | 6 1.3/16X1.5/16AF | 1.3/16"x1.5/16" | 302 |
| 6072580 | 6 1.1/4X1.3/8AF   | 1.1/4"x1.3/8"   | 328 |
| 6072820 | 6 1.3/8X1.1/2AF   | 1.3/8"x1.1/2"   | 328 |
| 6073550 | 6 7/8X1.1/16AF    | 7/8"x1.1/16"    | 266 |

### 6 (MM)

Double open ended spanner set

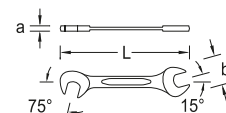


- > Practical composition
- > With different key widths
- > For hard to reach places thanks to very flat head

| Code    | No.       | Contents   | Pieces | kg    |
|---------|-----------|--|--------|-------|
| 6077380 | 6-8       | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm                         | 8      | 0,819 |
| 6079400 | H6-8      | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm                         | 8      | 0,995 |
| 6077540 | 6-10      | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 mm             | 10     | 1,412 |
| 6077620 | 6-100     | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 24x27 30x32 mm             | 10     | 1,66  |
| 6077700 | 6-12      | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32 mm | 12     | 2,5   |
| 6077890 | 6-120     | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32 mm | 12     | 2,52  |
| 6078350 | 6-122 ISO | 6x7 8x9 10x11 12x13 14x15 16x18 17x19 20x22 21x23 24x26 27x32 30x34 mm | 12     | 2,383 |
| 6079750 | H6-120    | 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32 mm | 12     | 2,645 |

### 8 (MM)

Double open ended spanner small



- > Small version
- > With same size each end
- > Jaw set at 15° and 75°

| Code    | No.   | ⊘ mm    | L    | Code    | No.  | ⊘ mm  | L     |
|---------|-------|---------|------|---------|------|-------|-------|
| 6093900 | 8 4   | 4x4     | 69   | 6094630 | 8 9  | 9x9   | 103,8 |
| 6094040 | 8 4,5 | 4.5x4.5 | 69   | 6094710 | 8 10 | 10x10 | 103,8 |
| 6094120 | 8 5   | 5x5     | 77,3 | 6094980 | 8 11 | 11x11 | 115,2 |
| 6094200 | 8 5,5 | 5.5x5.5 | 77,3 | 6095010 | 8 12 | 12x12 | 115,2 |
| 6094390 | 8 6   | 6x6     | 77,3 | 6095280 | 8 13 | 13x13 | 130,5 |
| 6094470 | 8 7   | 7x7     | 89,5 | 6095360 | 8 14 | 14x14 | 130,5 |
| 6094550 | 8 8   | 8x8     | 95,5 |         |      |       |       |



**8-011**

Double open ended spanner set  
11 pieces



- > With same size each end
- > Jaw set at 15° and 75°
- > In plastic case

| Code           | No.   | Contents                         | Pieces |      |
|----------------|-------|----------------------------------|--------|------|
| <b>1879146</b> | 8-011 | 4,5 5 5,5 6 7 8 9 10 11 12 13 mm | 11     | 0,28 |

**8-0100**

Double open ended spanner set  
10 pieces

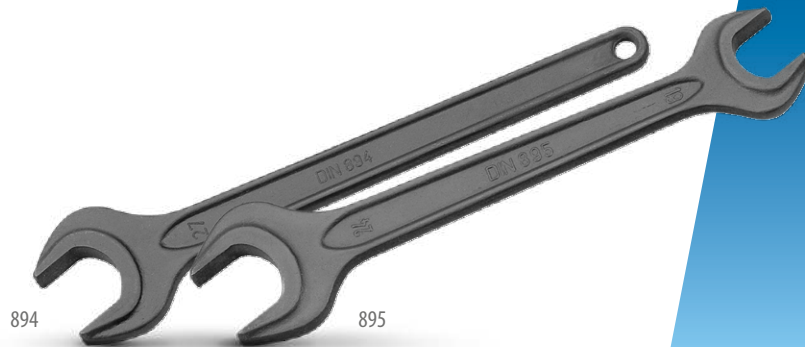


- > With same size each end
- > Jaw set at 15° and 75°
- > In plastic bag

| Code           | No.    | Contents                   | Pieces |       |
|----------------|--------|----------------------------|--------|-------|
| <b>6099000</b> | 8-0100 | 5,5 6 7 8 9 10 11 12 13 mm | 10     | 0,225 |

## **i** NO. 895 UND NO. 894

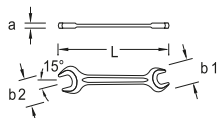
The single in doubles and the single



- Carefully forged and professionally machined
- Jaw: ground precisely to exact nominal size for optimum contact areas
- Overloading indicated by deformation
- Secure grip thanks to profile shaft - very ergonomic and handy
- Jaw set at 15°
- GEDORE vanadium steel 31CrV3

**895**

Double open ended spanner  
metric



- > Manganese phosphate finish up to 34x36 mm, steel-grey up from 36x41 mm
- > Jaw set at 15°

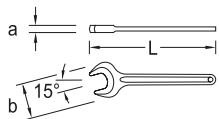
**\* not standardised**

| Code            | No.       |       | L   | Code            | No.       |       | L   |
|-----------------|-----------|-------|-----|-----------------|-----------|-------|-----|
| <b>6583080</b>  | 895 34X36 | 34x36 | 320 | <b>6586340</b>  | 895 17X19 | 17x19 | 171 |
| <b>6583910</b>  | 895 7X8   | 7x8   | 107 | <b>6586420*</b> | 895 17X22 | 17x22 | 192 |
| <b>6584130</b>  | 895 8X9   | 8x9   | 108 | <b>6586500*</b> | 895 18X19 | 18x19 | 171 |
| <b>6584640*</b> | 895 9X11  | 9x11  | 122 | <b>6587150*</b> | 895 22X27 | 22x27 | 233 |
| <b>6584720</b>  | 895 10X11 | 10x11 | 124 | <b>6587230</b>  | 895 24X27 | 24x27 | 246 |
| <b>6584990</b>  | 895 10X13 | 10x13 | 128 | <b>6587580</b>  | 895 24X30 | 24x30 | 269 |
| <b>6585100</b>  | 895 11X13 | 11x13 | 140 | <b>6587740</b>  | 895 27X32 | 27x32 | 275 |
| <b>6585370*</b> | 895 12X13 | 12x13 | 140 | <b>6587820</b>  | 895 30X32 | 30x32 | 278 |
| <b>6585450</b>  | 895 12X14 | 12x14 | 140 | <b>6587900</b>  | 895 30X36 | 30x36 | 306 |
| <b>6585880*</b> | 895 14X15 | 14x15 | 154 | <b>6588040</b>  | 895 32X36 | 32x36 | 310 |
| <b>6586180</b>  | 895 14X17 | 14x17 | 158 | <b>6588120</b>  | 895 36X41 | 36x41 | 347 |
| <b>6586260*</b> | 895 16X17 | 16x17 | 158 | <b>6588200</b>  | 895 41X46 | 41x46 | 383 |

## Spanners

### 894 (MM) / (AF)

Single open ended spanner metric

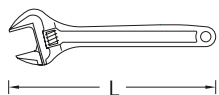


- > Jaw set at 15°
- \* not standardised

| Code     | No.    | mm | "AF | L   | Code     | No.          | mm  | "AF     | L     |
|----------|--------|----|-----|-----|----------|--------------|-----|---------|-------|
| 6573600  | 894 6  | 6  |     | 73  | 6577350  | 894 60       | 60  |         | 494   |
| 6573790  | 894 7  | 7  |     | 78  | 6577430  | 894 65       | 65  |         | 528   |
| 6573870  | 894 8  | 8  |     | 94  | 6577510  | 894 70       | 70  |         | 572   |
| 6573950  | 894 9  | 9  |     | 100 | 6577780  | 894 75       | 75  |         | 610   |
| 6574090  | 894 10 | 10 |     | 106 | 6577860  | 894 80       | 80  |         | 645   |
| 6574170  | 894 11 | 11 |     | 112 | 6577940  | 894 85       | 85  |         | 690   |
| 6574250  | 894 12 | 12 |     | 124 | 6578080* | 894 90       | 90  |         | 690   |
| 6574330  | 894 13 | 13 |     | 132 | 6578160* | 894 95       | 95  |         | 847   |
| 6574410  | 894 14 | 14 |     | 140 | 6578240* | 894 100      | 100 |         | 847   |
| 6574680  | 894 15 | 15 |     | 145 | 6578320* | 894 105      | 105 |         | 1.000 |
| 6574760  | 894 16 | 16 |     | 155 | 6578400* | 894 110      | 110 |         | 1.000 |
| 6574840  | 894 17 | 17 |     | 159 | 6578590* | 894 115      | 115 |         | 1.000 |
| 6575220  | 894 18 | 18 |     | 165 | 6578670* | 894 120      | 120 |         | 1.000 |
| 6575060  | 894 19 | 19 |     | 170 | 6576030* | 894 125      | 125 |         | 1.000 |
| 6575300  | 894 22 | 22 |     | 193 | 6576110* | 894 130      | 130 |         | 1.000 |
| 6575570  | 894 24 | 24 |     | 217 | 6576460* | 894 135      | 135 |         | 1.000 |
| 6575650* | 894 25 | 25 |     | 217 | 6579720  | 894 3/8AF    |     | 3/8"    | 100   |
| 6575810  | 894 27 | 27 |     | 239 | 6579990  | 894 7/16AF   |     | 7/16"   | 112   |
| 6576380  | 894 30 | 30 |     | 263 | 6580140  | 894 9/16AF   |     | 9/16"   | 140   |
| 6576540  | 894 32 | 32 |     | 275 | 6580300  | 894 5/8AF    |     | 5/8"    | 155   |
| 6575730  | 894 34 | 34 |     | 290 | 6580570  | 894 3/4AF    |     | 3/4"    | 170   |
| 6576700  | 894 36 | 36 |     | 305 | 6580730  | 894 13/16AF  |     | 13/16"  | 170   |
| 6576890* | 894 38 | 38 |     | 305 | 6580810  | 894 7/8AF    |     | 7/8"    | 193   |
| 6576970  | 894 41 | 41 |     | 344 | 6581030  | 894 15/16AF  |     | 15/16"  | 217   |
| 6577000  | 894 46 | 46 |     | 380 | 6581380  | 894 1.1/16AF |     | 1.1/16" | 239   |
| 6577190  | 894 50 | 50 |     | 413 | 6581460  | 894 1.1/8AF  |     | 1.1/8"  | 239   |
| 6577270  | 894 55 | 55 |     | 459 |          |              |     |         |       |

### 60 CP

Single open ended spanner adjustable, chromed

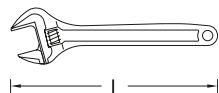


- > Swedish pattern, roller with left hand thread
- > Jaw set at 15°
- > With adjusting scale

| Code    | No.      | Size " | L   | mm | "inch  | kg    |
|---------|----------|--------|-----|----|--------|-------|
| 6380990 | 60 CP 6  | 6      | 155 | 20 | 25/32  | 0,145 |
| 6381020 | 60 CP 8  | 8      | 205 | 25 | 1      | 0,27  |
| 6381100 | 60 CP 10 | 10     | 255 | 30 | 1.3/16 | 0,42  |
| 6381290 | 60 CP 12 | 12     | 305 | 36 | 1.7/16 | 0,785 |

### 60 P

Single open ended spanner adjustable, 6°

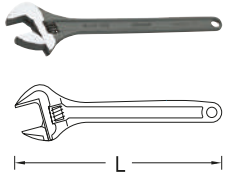


- > Swedish pattern, roller with left hand thread
- > Jaw set at 15°
- > With adjusting scale

| Code    | No.     | Size " | L   | mm | "inch  | kg    |
|---------|---------|--------|-----|----|--------|-------|
| 6380560 | 60 P 6  | 6      | 155 | 20 | 25/32  | 0,145 |
| 6380640 | 60 P 8  | 8      | 205 | 25 | 1      | 0,295 |
| 6380720 | 60 P 10 | 10     | 255 | 30 | 1.3/16 | 0,43  |
| 6380800 | 60 P 12 | 12     | 305 | 36 | 1.7/16 | 0,705 |

**62 P**

Single open ended spanner adjustable, 6°

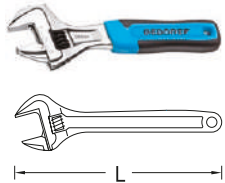


- > Swedish pattern, roller with left hand thread
- > Sturdy industrial design
- > Sizes 6" - 18" = ISO 6787, jaw position 15
- > Size 24" = ISO 6787, jaw position 22.5°.

| Code           | No.     | Size " | L   | mm | "inch   |       |
|----------------|---------|--------|-----|----|---------|-------|
| <b>6368430</b> | 62 P 15 | 15     | 380 | 43 | 1.11/16 | 1,06  |
| <b>6368510</b> | 62 P 18 | 18     | 455 | 53 | 2.1/16  | 1,715 |
| <b>6360880</b> | 62 P 24 | 24     | 610 | 63 | 2.1/2   | 3,555 |

**60 S**

Single open ended spanner adjustable 0-30 mm



- > Swedish pattern, roller with left hand thread
- > Jaw set at 15°
- > With adjusting scale

| Code           | No.        | Size " | L     | mm |       |
|----------------|------------|--------|-------|----|-------|
| <b>2668815</b> | 60 S 6 P   | 6      | 153   | 20 | 0,16  |
| <b>1966294</b> | 60 S-8 P   | 8      | 206,5 | 25 | 0,34  |
| <b>2171023</b> | 60 S 10 P  | 10     | 254,5 | 30 | 0,251 |
| <b>2668823</b> | 60 S 6 JP  | 6      | 153   | 20 | 0,18  |
| <b>1966308</b> | 60 S 8 JP  | 8      | 206,5 | 25 | 0,36  |
| <b>2171015</b> | 60 S 10 JP | 10     | 254,5 | 30 | 0,5   |
| <b>2668831</b> | 60 S 6 C   | 6      | 153   | 20 | 0,18  |
| <b>2668882</b> | 60 S 12 JP | 12     | 305   | 36 | 0,86  |
| <b>2668890</b> | 60 S 12 C  | 12     | 305   | 36 | 0,78  |
| <b>1966316</b> | 60 S 8 C   | 8      | 206,5 | 25 | 0,34  |
| <b>2171007</b> | 60 S 10 JC | 10     | 254,5 | 30 | 0,5   |
| <b>2170973</b> | 60 S 10 C  | 10     | 254,5 | 30 | 0,48  |
| <b>2668858</b> | 60 S 6 JC  | 6      | 153   | 20 | 0,18  |
| <b>1966324</b> | 60 S 8 JC  | 8      | 206,5 | 25 | 0,36  |
| <b>2668904</b> | 60 S 12 JC | 12     | 305   | 36 | 0,86  |

## NO. 2 A

The strong



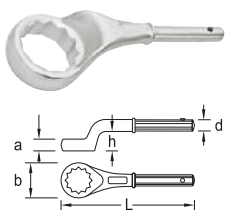
- Heavy-duty pattern for highest torques
- GEDORE vanadium steel 31CrV3, chrome plated
- **Special sizes available on request**
- Optional accessories: No. 2 AR extension tube for extending the lever arm



No. 2A + 2AR

**2 A**

Single ended ring spanner



- > Heavy-duty pattern for highest torques
- > Special sizes available on request
- > Optional accessories: No. 2 AR extension tube for extending the lever arm

| Code           | No.    | mm | L   | Code           | No.    | mm | L   |
|----------------|--------|----|-----|----------------|--------|----|-----|
| <b>6033840</b> | 2 A 24 | 24 | 180 | <b>6034650</b> | 2 A 55 | 55 | 300 |
| <b>6033920</b> | 2 A 27 | 27 | 190 | <b>6034730</b> | 2 A 60 | 60 | 345 |
| <b>6034060</b> | 2 A 30 | 30 | 200 | <b>6034810</b> | 2 A 65 | 65 | 355 |
| <b>6034140</b> | 2 A 32 | 32 | 235 | <b>6035030</b> | 2 A 70 | 70 | 365 |
| <b>6030150</b> | 2 A 34 | 34 | 235 | <b>6035110</b> | 2 A 75 | 75 | 375 |
| <b>6034220</b> | 2 A 36 | 36 | 245 | <b>6035380</b> | 2 A 80 | 80 | 385 |
| <b>6034300</b> | 2 A 41 | 41 | 265 | <b>6035460</b> | 2 A 85 | 85 | 385 |
| <b>6034490</b> | 2 A 46 | 46 | 280 | <b>6035540</b> | 2 A 90 | 90 | 410 |
| <b>6034570</b> | 2 A 50 | 50 | 290 | <b>6035620</b> | 2 A 95 | 95 | 410 |

## Spanners

### 2 AR Extension-tube



- > For single ended ring spanner no. 2 A
- > Ideal for extending the lever arm and applying higher forces

| Code    | No.    | Internal-Ø | Ø mm  | ↳ mm | kg    |
|---------|--------|------------|-------|------|-------|
| 6048600 | 2 AR 0 | 19 mm      | 24-30 | 460  | 0,614 |
| 6048790 | 2 AR 1 | 22 mm      | 32-41 | 610  | 1,568 |
| 6048870 | 2 AR 2 | 25 mm      | 46-55 | 760  | 2,84  |
| 6048950 | 2 AR 3 | 30 mm      | 60-95 | 860  | 3,715 |

### 2 ATM Single ended ring spanner set



- > Heavy-duty pattern for highest torques
- > With push-on tubes No. 2 AR to extend the lever arm
- > With UD profile for easy power transmission; from SW 65 12-edge
- > Incl. wall board made of sheet steel and hook set

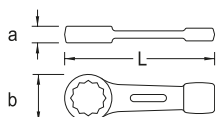
| Code    | No.   | Contents  | Pieces | kg |
|---------|-------|---|--------|----|
| 6049250 | 2 ATM | 2 A 24 27 30 32 36 41 46 50 55 60 65 70 75 80 85<br>2 AR 0 1 2 3<br>Sheet steel board with hook set | 19     | 53 |

## i THE POWERFUL



- Top-grade industrial quality for the hardest of continuous use
- For very heavy-duty work
- Special sizes available on request up to size 250 mm

### 306 (MM) / 306 (AF) Ring logging spanner



- > For heavy-duty work
- > Special sizes available on request

**\* not standardised**

| Code     | No.    | Ø mm | Ø AF | L   |
|----------|--------|------|------|-----|
| 1344331* | 306 22 | 22   |      | 165 |
| 6475000* | 306 24 | 24   |      | 160 |
| 6475190  | 306 27 | 27   |      | 180 |
| 6475270  | 306 30 | 30   |      | 190 |
| 6475350  | 306 32 | 32   |      | 195 |
| 6481670  | 306 34 | 34   |      | 195 |
| 6475430  | 306 36 | 36   |      | 205 |
| 6474460* | 306 38 | 38   |      | 205 |
| 6475510  | 306 41 | 41   |      | 225 |
| 6475780  | 306 46 | 46   |      | 240 |
| 6475860  | 306 50 | 50   |      | 250 |
| 6475940  | 306 55 | 55   |      | 270 |
| 6476080  | 306 60 | 60   |      | 270 |
| 6476160  | 306 65 | 65   |      | 290 |

| Code     | No.           | mm  | "AF      | L   |
|----------|---------------|-----|----------|-----|
| 6476240  | 306 70        | 70  |          | 320 |
| 6476320  | 306 75        | 75  |          | 325 |
| 6476400  | 306 80        | 80  |          | 345 |
| 6476590  | 306 85        | 85  |          | 360 |
| 6476670  | 306 90        | 90  |          | 400 |
| 6476750  | 306 95        | 95  |          | 400 |
| 6476830  | 306 100       | 100 |          | 400 |
| 6476910  | 306 105       | 105 |          | 435 |
| 6477050  | 306 110       | 110 |          | 435 |
| 6477130  | 306 115       | 115 |          | 435 |
| 6477210  | 306 120       | 120 |          | 480 |
| 6477480* | 306 125       | 125 |          | 480 |
| 6477560  | 306 130       | 130 |          | 520 |
| 6477640  | 306 135       | 135 |          | 520 |
| 6474540  | 306 1.AF      |     | 1"       | 160 |
| 6474620  | 306 1.1/16AF  |     | 1.1/16"  | 180 |
| 6474700  | 306 1.1/8AF   |     | 1.1/8"   | 180 |
| 6474890  | 306 1.3/16AF  |     | 1.3/16"  | 190 |
| 6474970  | 306 1.1/4AF   |     | 1.1/4"   | 190 |
| 6478530  | 306 1.5/16AF  |     | 1.5/16"  | 195 |
| 6478610  | 306 1.3/8AF   |     | 1.3/8"   | 195 |
| 6478880  | 306 1.7/16AF  |     | 1.7/16"  | 205 |
| 6478960  | 306 1.1/2AF   |     | 1.1/2"   | 205 |
| 6479180  | 306 1.5/8AF   |     | 1.5/8"   | 225 |
| 6479260  | 306 1.11/16AF |     | 1.11/16" | 225 |
| 6479340  | 306 1.3/4AF   |     | 1.3/4"   | 225 |
| 6479420  | 306 1.13/16AF |     | 1.13/16" | 240 |
| 6479500  | 306 1.7/8AF   |     | 1.7/8"   | 240 |
| 6479690  | 306 2.AF      |     | 2"       | 250 |
| 6479770  | 306 2.1/16AF  |     | 2.1/16"  | 250 |
| 6479850  | 306 2.1/8AF   |     | 2.1/8"   | 250 |
| 6479930  | 306 2.3/16AF  |     | 2.3/16"  | 270 |
| 6480000  | 306 2.1/4AF   |     | 2.1/4"   | 270 |
| 6480190  | 306 2.3/8AF   |     | 2.3/8"   | 270 |
| 6480270  | 306 2.7/16AF  |     | 2.7/16"  | 270 |
| 6480350  | 306 2.9/16AF  |     | 2.9/16"  | 290 |
| 6480430  | 306 2.5/8AF   |     | 2.5/8"   | 290 |
| 6480510  | 306 2.3/4AF   |     | 2.3/4"   | 320 |
| 6480780  | 306 3.AF      |     | 3"       | 325 |

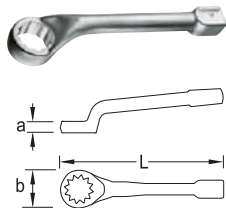
WWW.GEDORE.COM



## Spanners

### 306 G

Ring slogging spanner  
cranked

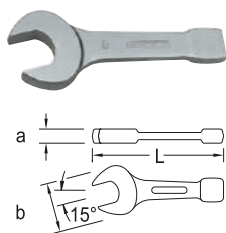


- > For heavy-duty work
- > for use with club hammer or pneumatic hammer for tightening or loosening

| Code    | No.      | Ø mm | L   | Code    | No.      | Ø mm | L   |
|---------|----------|------|-----|---------|----------|------|-----|
| 1415875 | 306 G 27 | 27   | 270 | 1416308 | 306 G 60 | 60   | 380 |
| 1415913 | 306 G 30 | 30   | 270 | 1416332 | 306 G 65 | 65   | 380 |
| 1415972 | 306 G 32 | 32   | 270 | 1416405 | 306 G 70 | 70   | 406 |
| 1416014 | 306 G 36 | 36   | 310 | 1416456 | 306 G 75 | 75   | 406 |
| 1416057 | 306 G 41 | 41   | 310 | 1416480 | 306 G 80 | 80   | 406 |
| 1416111 | 306 G 46 | 46   | 340 | 1416537 | 306 G 85 | 85   | 459 |
| 1416197 | 306 G 50 | 50   | 360 | 1416553 | 306 G 90 | 90   | 459 |
| 1416227 | 306 G 55 | 55   | 360 | 1416588 | 306 G 95 | 95   | 459 |

### 133

Open ended slogging spanner



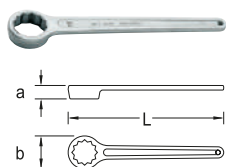
- > For heavy-duty work
- > Special sizes available on request

**\* not standardised**

| Code    | No.    | Ø mm | L   | Code     | No.     | Ø mm | L   |
|---------|--------|------|-----|----------|---------|------|-----|
| 6410570 | 133 27 | 27   | 181 | 6401230  | 133 75  | 75   | 390 |
| 6400260 | 133 30 | 30   | 188 | 6401310  | 133 80  | 80   | 406 |
| 6400340 | 133 32 | 32   | 196 | 6401580  | 133 85  | 85   | 406 |
| 6411030 | 133 34 | 34   | 196 | 6401660  | 133 90  | 90   | 456 |
| 6400420 | 133 36 | 36   | 211 | 6401740  | 133 95  | 95   | 456 |
| 6400500 | 133 41 | 41   | 227 | 6401820  | 133 100 | 100  | 500 |
| 6400690 | 133 46 | 46   | 256 | 6401900  | 133 105 | 105  | 500 |
| 6400770 | 133 50 | 50   | 281 | 6402040  | 133 110 | 110  | 500 |
| 6400850 | 133 55 | 55   | 310 | 6402120  | 133 115 | 115  | 525 |
| 6400930 | 133 60 | 60   | 321 | 6402200  | 133 120 | 120  | 525 |
| 6401070 | 133 65 | 65   | 351 | 6402390* | 133 125 | 125  | 545 |
| 6401150 | 133 70 | 70   | 370 | 6402470  | 133 130 | 130  | 575 |

### 308

Deep ring spanner  
straight

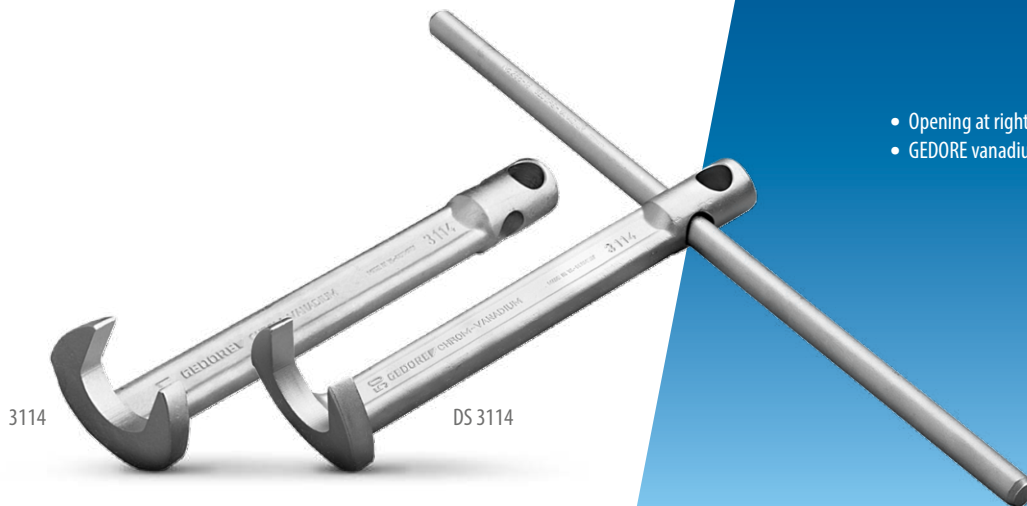


- > Especially suitable for locking screw connections
- > Special sizes available on request

**\* not standardised**

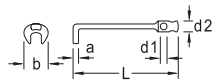
| Code     | No.    | Ø mm | L   | kg    | Code     | No.    | Ø mm | L   | kg    |
|----------|--------|------|-----|-------|----------|--------|------|-----|-------|
| 6481750  | 308 32 | 32   | 265 | 0,358 | 6482130  | 308 50 | 50   | 400 | 1,23  |
| 6481830* | 308 36 | 36   | 295 | 0,473 | 6482210  | 308 55 | 55   | 442 | 1,626 |
| 6481910  | 308 41 | 41   | 330 | 0,717 | 6482480  | 308 60 | 60   | 475 | 1,792 |
| 6482050  | 308 46 | 46   | 365 | 0,925 | 6482560* | 308 65 | 65   | 510 | 2,208 |

# i THE SPECIAL



- Opening at right angle to shaft for maximum accessibility
- GEDORE vanadium steel 31CrV3, chrome-plated

## 3114 Crowfoot spanner



- > Angled open-end wrench for working in hard-to-reach areas
- > Delivery without pivot pin

| Code    | No.     | Ø mm | L   | 26 D | kg    |
|---------|---------|------|-----|------|-------|
| 6670050 | 3114 13 | 13   | 160 | 8    | 0,095 |
| 6670130 | 3114 14 | 14   | 160 | 8    | 0,093 |
| 6676920 | 3114 16 | 16   | 200 | 10   | 0,16  |
| 6670210 | 3114 17 | 17   | 200 | 10   | 0,169 |
| 6677060 | 3114 18 | 18   | 200 | 12   | 0,216 |
| 6670480 | 3114 19 | 19   | 200 | 12   | 0,224 |
| 6677140 | 3114 21 | 21   | 200 | 12   | 0,272 |
| 6670560 | 3114 22 | 22   | 200 | 12   | 0,265 |
| 6670640 | 3114 24 | 24   | 250 | 14   | 0,419 |
| 6670720 | 3114 27 | 27   | 250 | 14   | 0,519 |
| 6670800 | 3114 30 | 30   | 250 | 16   | 0,633 |
| 6670990 | 3114 32 | 32   | 250 | 16   | 0,712 |
| 6671020 | 3114 36 | 36   | 315 | 18   | 1,034 |

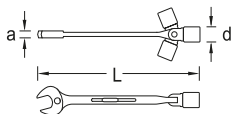
## 26 D Tommy bar



- > Acc. to DIN 900 Form A
- > Chrome-vanadium steel 31CrV3, chrome-plated

| Code    | No.     | Ø     | L   | kg    | Code    | No.     | Ø     | L   | kg    |
|---------|---------|-------|-----|-------|---------|---------|-------|-----|-------|
| 6208580 | 26 D 6  | 6,00  | 157 | 0,04  | 6209040 | 26 D 14 | 14,00 | 316 | 0,386 |
| 6208740 | 26 D 8  | 8,00  | 177 | 0,073 | 6209120 | 26 D 16 | 16,00 | 396 | 0,634 |
| 6208820 | 26 D 10 | 10,00 | 197 | 0,127 | 6209200 | 26 D 18 | 18,00 | 495 | 0,995 |
| 6208900 | 26 D 12 | 12,00 | 246 | 0,228 | 6209390 | 26 D 20 | 20,00 | 625 | 1,555 |

## 534 Combination swivel head wrench

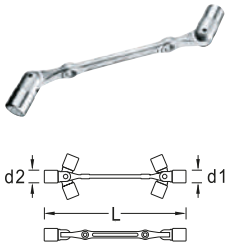


- > Slim pattern, with free moving socket wrench
- > With hole for tommy bars 26 D and 26 RS (please order separately)

| Code    | No.    | Ø mm | L   | 26 D | 26 RS | kg    |
|---------|--------|------|-----|------|-------|-------|
| 6512060 | 534 10 | 10   | 179 |      | 1     | 0,071 |
| 6512140 | 534 11 | 11   | 189 |      | 1     | 0,087 |
| 6512220 | 534 12 | 12   | 198 |      | 1     | 0,115 |
| 6512300 | 534 13 | 13   | 208 |      | 1     | 0,14  |
| 6512490 | 534 14 | 14   | 218 | 6    | 1     | 0,151 |
| 6512570 | 534 15 | 15   | 231 | 6    | 1     | 0,169 |
| 6512650 | 534 16 | 16   | 244 | 6    | 1     | 0,222 |
| 6512730 | 534 17 | 17   | 255 | 8    | 2     | 0,237 |
| 6513030 | 534 18 | 18   | 269 | 8    | 2     | 0,273 |
| 6512810 | 534 19 | 19   | 283 | 8    | 2     | 0,304 |

## Spanners

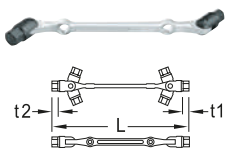
### 34 Swivel head wrench double ended



- > With different key widths
- > Thin walled heads, UD profile
- > Swivels through a wide radius
- > Shaft with holes for tommy bars 26 D and 26 RS (please order separately)

| Code    | No.      | mm      | L   | 26 D | 26 RS | kg    |
|---------|----------|---------|-----|------|-------|-------|
| 6301520 | 34 6X7   | 6 x 7   | 190 | 6    | 1     | 0,089 |
| 6299010 | 34 8X9   | 8 x 9   | 200 | 6    | 1     | 0,098 |
| 6299280 | 34 10X11 | 10 x 11 | 205 | 6    | 1     | 0,11  |
| 6299360 | 34 12X13 | 12 x 13 | 240 | 8    | 2     | 0,204 |
| 6299600 | 34 13X17 | 13 x 17 | 275 | 10   | 2     | 0,318 |
| 6299520 | 34 14X15 | 14 x 15 | 245 | 8    | 2     | 0,216 |
| 6299870 | 34 16X17 | 16 x 17 | 280 | 10   | 2     | 0,334 |
| 6299950 | 34 17X19 | 17 x 19 | 315 | 12   | 3     | 0,411 |
| 6300040 | 34 18X19 | 18 x 19 | 315 | 12   | 3     | 0,418 |
| 6300120 | 34 20X22 | 20 x 22 | 350 | 12   | 3     | 0,604 |
| 6300200 | 34 21X23 | 21 x 23 | 350 | 12   | 3     | 0,633 |
| 6300390 | 34 24X27 | 24 x 27 | 410 | 14   | 3     | 0,913 |
| 6300470 | 34 30X32 | 30 x 32 | 470 | 14   | 3     | 1,361 |

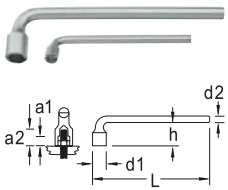
### IN 34 Swivel head wrench double ended for in-hex screws



- > Swivels through a wide radius
- > Shaft with holes for tommy bars 26 D and 26 RS (please order separately)

| Code    | No.         | mm      | L   | 26 D | 26 RS | kg    |
|---------|-------------|---------|-----|------|-------|-------|
| 6302330 | IN 34 5X6   | 5 x 6   | 202 | 6    | 1     | 0,107 |
| 6302680 | IN 34 12X14 | 12 x 14 | 270 | 10   | 2     | 0,336 |
| 6302760 | IN 34 17X19 | 17 x 19 | 295 | 12   | 3     | 0,411 |

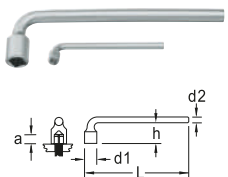
### 25 Socket wrench offset



- > Solid design with particularly large head depth for protruding bolts, hexagonal
- > With dome for pointed screw heads

| Code    | No.   | mm | L   |
|---------|-------|----|-----|
| 6188290 | 25 10 | 10 | 160 |
| 6188530 | 25 13 | 13 | 200 |
| 6188880 | 25 17 | 17 | 250 |
| 6188960 | 25 19 | 19 | 280 |
| 6189340 | 25 27 | 27 | 380 |

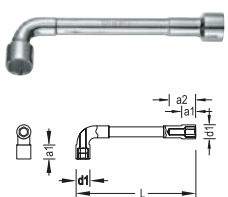
### 25 V Socket wrench offset



- > Solid design with particularly large head depth, square
- > Ideal for protruding bolts

| Code    | No.     | mm | L   |
|---------|---------|----|-----|
| 6194770 | 25 V 8  | 8  | 150 |
| 6194850 | 25 V 9  | 9  | 160 |
| 6194930 | 25 V 10 | 10 | 175 |
| 6195150 | 25 V 12 | 12 | 215 |
| 6195230 | 25 V 13 | 13 | 230 |
| 6195310 | 25 V 14 | 14 | 240 |
| 6195580 | 25 V 17 | 17 | 280 |

### 25 PK Tubular box spanner offset with hole



- > Solid pattern with two hexagon heads
- > Deep bores above the hexagon heads to take long studs
- > The rotary pin can also be used on the angled side (e.g. No. 26 D, please order separately)

| Code    | No.      | mm | L   | Code    | No.      | mm | L   |
|---------|----------|----|-----|---------|----------|----|-----|
| 1616323 | 25 PK 6  | 6  | 105 | 1436899 | 25 PK 17 | 17 | 187 |
| 1616331 | 25 PK 7  | 7  | 107 | 1436902 | 25 PK 18 | 18 | 195 |
| 1616358 | 25 PK 8  | 8  | 112 | 1436910 | 25 PK 19 | 19 | 205 |
| 1436805 | 25 PK 9  | 9  | 120 | 1436929 | 25 PK 21 | 21 | 225 |
| 1436813 | 25 PK 10 | 10 | 130 | 1436937 | 25 PK 22 | 22 | 225 |
| 1436821 | 25 PK 11 | 11 | 136 | 1436945 | 25 PK 24 | 24 | 248 |
| 1436848 | 25 PK 12 | 12 | 145 | 1436953 | 25 PK 27 | 27 | 280 |
| 1436856 | 25 PK 13 | 13 | 152 | 1436961 | 25 PK 30 | 30 | 310 |
| 1436864 | 25 PK 14 | 14 | 160 | 1436988 | 25 PK 32 | 32 | 330 |
| 1616366 | 25 PK 15 | 15 | 170 | 1436996 | 25 PK 34 | 34 | 340 |
| 1436872 | 25 PK 16 | 16 | 178 | 1437003 | 25 PK 36 | 36 | 355 |

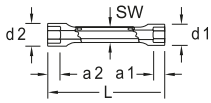
**25 PK-012**Tubular box spanner set  
12 pieces

- > Solid pattern with two hexagon heads
- > Deep bores above the hexagon heads to take long studs
- > The rotary pin can also be used on the angled side (e.g. No. 26 D, please order separately)

| Code           | No.       | Contents                             | Pieces |
|----------------|-----------|--------------------------------------|--------|
| <b>1527312</b> | 25 PK-012 | 8 9 10 11 12 13 14 15 16 17 18 19 mm | 12     |

**626**

Tubular box spanner



- > With hexagonal shaft
- > With through-holes for operation with open-ended spanner or rotary pin (No. 626 S / No. 26 RS-626 S)
- > Sizes 6x7 and 8x9 mm with no hole



| Code           | No.       | mm      | L   | SW mm | 26 RS-626 S   |
|----------------|-----------|---------|-----|-------|---------------|
| <b>6525120</b> | 626 6X7   | 6 x 7   | 105 | 8,0   | 626 S 1       |
| <b>6525200</b> | 626 8X9   | 8 x 9   | 110 | 9,0   | 626 S 1       |
| <b>6525390</b> | 626 10X11 | 10 x 11 | 120 | 11,0  | 626 S 1       |
| <b>6525470</b> | 626 12X13 | 12 x 13 | 140 | 13,0  | 626 S 1       |
| <b>6520750</b> | 626 13X17 | 13 x 17 | 155 | 15,0  | 626 S 2       |
| <b>6525710</b> | 626 14X15 | 14 x 15 | 145 | 14,0  | 626 S 1       |
| <b>6526280</b> | 626 16X17 | 16 x 17 | 155 | 16,0  | 626 S 2       |
| <b>6526360</b> | 626 17X19 | 17 x 19 | 165 | 18,0  | 626 S 2       |
| <b>6526440</b> | 626 18X19 | 18 x 19 | 165 | 18,0  | 626 S 2       |
| <b>6526520</b> | 626 19X22 | 19 x 22 | 175 | 19,0  | 626 S 2       |
| <b>6526600</b> | 626 20X22 | 20 x 22 | 175 | 19,0  | 626 S 2       |
| <b>6526870</b> | 626 24X26 | 24 x 26 | 195 | 24,0  | 26 RS-626 S 3 |
| <b>6526950</b> | 626 24X27 | 24 x 27 | 195 | 24,0  | 26 RS-626 S 3 |
| <b>6527170</b> | 626 30X32 | 30 x 32 | 210 | 30,0  | 26 RS-626 S 3 |
| <b>6527250</b> | 626 32X36 | 32 x 36 | 225 | 32,0  | 26 RS-626 S 3 |

**626 S**

Stepped tommy bar



| Code           | No.           | Ø 1   | Ø 2   | Ø 3   | Ø 4  | Ø 5   | ↳ mm |
|----------------|---------------|-------|-------|-------|------|-------|------|
| <b>6528060</b> | 626 S 1       | 3,70  | 4,70  | 5,20  | 7,00 |       | 190  |
| <b>6528140</b> | 626 S 2       | 6,70  | 7,70  | 8,70  | 9,70 | 11,00 | 240  |
| <b>6528220</b> | 26 RS-626 S-3 | 11,70 | 13,70 | 16,00 |      |       | 310  |

**KD 626**

Tubular box spanner set

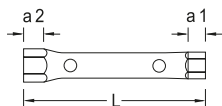


- > Practical assembly of double socket wrenches with rotary pins
- > Similar to DIN 896, Form A, ISO 2236, ISO 1085
- > With hexagon shaft and holes for turning, either with a spanner or a tommy bar (626 S / 26 RS-626 S, see table, please order separately)
- > Sizes 6x7 and 8x9 mm with no hole

| Code           | No.      | Contents  | Pieces | kg    |
|----------------|----------|---|--------|-------|
| <b>6528730</b> | KD 626-8 | 626 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm<br>626 S 1 2 | 8      | 1,434 |

## 26 R

Tubular box spanner



- > With different key widths
- > With hollow shaft, in tubular steel, DIN 2391 seamless, hardened, made from material C35, chrome-plated
- > With hole for tommy bars 26 D and 26 RS (please order separately)

**\* not standardised**

| Code     | No.        | Ø       | L   | 26 D | 26 RS |
|----------|------------|---------|-----|------|-------|
| 6222810* | 26 R 5,5X7 | 5,5 x 7 | 105 | 6    | 1     |
| 6210050  | 26 R 6X7   | 6 x 7   | 105 | 6    | 1     |
| 6210210  | 26 R 8X9   | 8 x 9   | 105 | 6    | 1     |
| 6210480  | 26 R 8X10  | 8 x 10  | 120 | 6    | 1     |
| 6210640  | 26 R 10X11 | 10 x 11 | 120 | 6    | 1     |
| 6210720  | 26 R 10X13 | 10 x 13 | 140 | 8    | 2     |
| 6210800  | 26 R 11X13 | 11 x 13 | 140 | 8    | 2     |
| 6210990  | 26 R 12X13 | 12 x 13 | 140 | 8    | 2     |
| 6211020  | 26 R 12X14 | 12 x 14 | 140 | 8    | 2     |
| 6211100* | 26 R 13X14 | 13 x 14 | 140 | 8    | 2     |
| 6211290* | 26 R 13X15 | 13 x 15 | 140 | 8    | 2     |
| 6211370  | 26 R 14X15 | 14 x 15 | 140 | 8    | 2     |
| 6211450  | 26 R 13X17 | 13 x 17 | 150 | 10   | 2     |
| 6211530  | 26 R 14X17 | 14 x 17 | 150 | 10   | 2     |
| 6211610  | 26 R 16X17 | 16 x 17 | 150 | 10   | 2     |
| 6223030  | 26 R 16X18 | 16 x 18 | 150 | 10   | 2     |
| 6211880  | 26 R 17X19 | 17 x 19 | 155 | 12   | 3     |
| 6211960  | 26 R 18X19 | 18 x 19 | 155 | 12   | 3     |
| 6212180  | 26 R 19X22 | 19 x 22 | 165 | 12   | 3     |
| 6212260  | 26 R 20X22 | 20 x 22 | 165 | 12   | 3     |
| 6212340  | 26 R 21X23 | 21 x 23 | 165 | 14   | 3     |
| 6212420  | 26 R 22X24 | 22 x 24 | 180 | 14   | 3     |
| 6212500  | 26 R 24X26 | 24 x 26 | 180 | 14   | 3     |
| 6212690  | 26 R 24X27 | 24 x 27 | 180 | 14   | 3     |
| 6212770  | 26 R 25X28 | 25 x 28 | 195 | 16   | 3     |
| 6212850  | 26 R 27X30 | 27 x 30 | 195 | 16   | 3     |
| 6212930  | 26 R 27X32 | 27 x 32 | 195 | 16   | 3     |
| 6213070  | 26 R 30X32 | 30 x 32 | 195 | 16   | 3     |
| 6213150  | 26 R 30X36 | 30 x 36 | 215 | 18   | -     |
| 6213230  | 26 R 32X36 | 32 x 36 | 215 | 18   | -     |
| 6213310  | 26 R 36X41 | 36 x 41 | 215 | 18   | -     |
| 6213580  | 26 R 41X46 | 41 x 46 | 235 | 20   | -     |
| 6213660  | 26 R 46X50 | 46 x 50 | 235 | 20   | -     |
| 6213740  | 26 R 50X55 | 50 x 55 | 235 | 20   | -     |

## 26 RS

Stepped tommy bar



| Code    | No.           | Ø 1   | Ø 2   | Ø 3   | l - mm - l |
|---------|---------------|-------|-------|-------|------------|
| 6219350 | 26 RS 1       | 5,00  | 6,00  |       | 190        |
| 6219430 | 26 RS 2       | 8,00  | 10,00 |       | 240        |
| 6528220 | 26 RS-626 S-3 | 11,70 | 13,70 | 16,00 | 310        |

## KD 26 R

Tubular box spanner set



- > Practical assembly of double socket wrenches with rotary pins
- > Acc. to DIN 896, Form B, ISO 2236, ISO 1085
- > With hollow shaft, in tubular steel, DIN 2391 seamless, hardened, made from material C35, chrome-plated

| Code    | No.         | Contents  | Pieces |
|---------|-------------|---|--------|
| 6218540 | KD 26 R-8   | 26 R 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm<br>26 RS 1 2 3                            | 8      |
| 6218890 | KD 26 R-120 | 26 R 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22<br>21x23 24x27 25x28 30x32 mm<br>26 RS 1 2 3 | 12     |



## 45 S

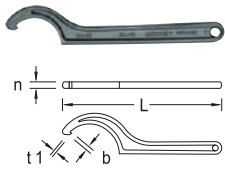
Multi fitting key  
UNIVERSAL

- > Key for opening and closing of master cabinets, switch panels, technical shut-off systems e.g. air-conditioning, inspection flaps
- > For the outdoor areas - locking of bins or waste containers, and street lamp lids etc.
- > 5 mm square for radiator valves

- > Female square 5, 6, 7-8 mm
- > Female three-square 9 mm
- > Multi fitting key 3-5 mm

| Code    | No.  | Measurements |
|---------|------|--------------|
| 2190125 | 45 S | 72x72        |

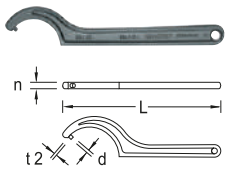
## 40

Hook wrench  
with lug

- > Design according to DIN 1810 form A
- > For slotted round nuts according to DIN 981

| Code    | No.      | mm    | L   | Code    | No.        | mm      | L   |
|---------|----------|-------|-----|---------|------------|---------|-----|
| 6333990 | 40 16-20 | 16-20 | 110 | 6334960 | 40 80-90   | 80-90   | 280 |
| 6334020 | 40 25-28 | 25-28 | 135 | 6335180 | 40 95-100  | 95-100  | 280 |
| 6334100 | 40 30-32 | 30-32 | 135 | 6335260 | 40 110-115 | 110-115 | 335 |
| 6334290 | 40 34-36 | 34-36 | 170 | 6335340 | 40 120-130 | 120-130 | 335 |
| 6334370 | 40 40-42 | 40-42 | 170 | 6335420 | 40 135-145 | 135-145 | 385 |
| 6334450 | 40 45-50 | 45-50 | 205 | 6335500 | 40 155-165 | 155-165 | 385 |
| 6334530 | 40 52-55 | 52-55 | 205 | 6335690 | 40 180-195 | 180-195 | 465 |
| 6334610 | 40 58-62 | 58-62 | 240 | 6335770 | 40 205-220 | 205-220 | 465 |
| 6334880 | 40 68-75 | 68-75 | 240 |         |            |         |     |

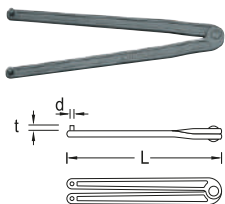
## 40 Z

Hook wrench  
with pin

- > Design according to DIN 1810 form B
- > For cross-drilled nuts according to DIN 1816

| Code    | No.        | mm    | L   | Code    | No.          | mm      | L   |
|---------|------------|-------|-----|---------|--------------|---------|-----|
| 6335850 | 40 Z 16-18 | 16-18 | 110 | 6337200 | 40 Z 68-75   | 68-75   | 240 |
| 6335930 | 40 Z 20-22 | 20-22 | 110 | 6337390 | 40 Z 80-90   | 80-90   | 280 |
| 6336580 | 40 Z 25-28 | 25-28 | 135 | 6337470 | 40 Z 95-100  | 95-100  | 280 |
| 6336660 | 40 Z 30-32 | 30-32 | 135 | 6337550 | 40 Z 110-115 | 110-115 | 335 |
| 6336740 | 40 Z 34-36 | 34-36 | 170 | 6337630 | 40 Z 120-130 | 120-130 | 335 |
| 6336820 | 40 Z 40-42 | 40-42 | 170 | 6337710 | 40 Z 135-145 | 135-145 | 385 |
| 6336900 | 40 Z 45-50 | 45-50 | 205 | 6337980 | 40 Z 155-165 | 155-165 | 385 |
| 6337040 | 40 Z 52-55 | 52-55 | 205 | 6338010 | 40 Z 180-195 | 180-195 | 465 |
| 6337120 | 40 Z 58-62 | 58-62 | 240 | 6338280 | 40 Z 205-220 | 205-220 | 465 |

## 44

Caliper face spanner  
adjustable 0-30 mm

- > For loosening and clamping of cutting and grinding wheels
- > Similar to DIN 3116
- > Special sizes available on request

| Code    | No.  | mm | L   | L " | Code    | No.  | mm | L   | L " |
|---------|------|----|-----|-----|---------|------|----|-----|-----|
| 6354480 | 44 3 | 3  | 178 | 7"  | 6354720 | 44 6 | 6  | 230 | 9"  |
| 6354560 | 44 4 | 4  | 178 | 7"  | 6354990 | 44 8 | 8  | 230 | 9"  |
| 6354640 | 44 5 | 5  | 230 | 9"  |         |      |    |     |     |

# OPERATING TOOLS

**Powerful, safe, durable: ratchets and sockets from GEDORE are made to meet the highest demands for long-term use. Whether in heavy industry or precision mechanics, GEDORE tools are at home wherever precision, safety and reliability are required.**

In industry and DIY, the hand-operated loosening and tightening of various screw connections is part of everyday life. With its comprehensive range of tools, GEDORE offers a wide range of ratchets and sockets for a huge variety of uses and applications. Over 100 years of manufacturing expertise are reflected in GEDORE's intelligently constructed and designed ratchets. Thanks to the careful selection of materials, advanced manufacturing processes and stringent quality management, all ratchets are extremely robust, durable and precise. Ergonomic designs and hand-flattering surfaces ensure that provide relief for the user, even during hard even in tough continuous use.

The broad portfolio of sockets includes solutions for every requirement - from classic sockets to intelligent solutions for power screwdriver sockets to specially developed intelligent profiles. A wide variety of combinations with extensions and articulated pieces enable the optimised use of tools without loss of torque, e.g. for very deep-seated screws or threaded connections.



## IT'S THE MECHANICS

- The pawl only engages 100% with the ratchet wheel when it is fully loaded.
- Ratchets work with perfect concentricity
- No unnecessary load on the components
- mechanism does not jam - even under high loads
- A big plus in terms of efficiency and safety at work





## DURABLE VERSATILE

### HUGE RANGE IN FORM AND FUNCTION

- GEDORE actuating tools and accessories for professional use in every industry.
- For tough continuous use and safety in everyday working life
- Available individually or in practical sets

### THE GEDORE "NUT"

- Optimum power transmission and low wear
- Pronounced ball catching groove provides a secure grip on the square drive end
- Deep knurling ensures good grip even with oily hands or when working with protective gloves

### GEDORE PREMIUM RATCHETS

- 2-component handle
- Slim and ergonomic design
- Robust and fine-tuned, durable and resilient
- High-grade industrial quality for the toughest continuous use
- Intelligently constructed and designed ratchets meet all demands

# i U-20 RATCHETS

## Design-oriented premium ratchets



- 1** The release head simplifies attachment and removal of sockets. A ball locking device ensures a tight connection when the ratchet is in use.
- 2** Slim, ergonomic design
- 3** Easy change lever for clockwise and anti-clockwise movement.
- 4** The shaft is made from high-grade chrome-vanadium steel, making it ideal for heavy and constant use.
- 5** 2-component handle, comprising a hard plastic core with rubber sheathing for heavy industrial use. Hanging hole for easy-to-find storage.

**2093 U-20**  
Reversible ratchet 1/4"



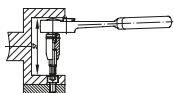
6.3 1/4"

- > Acc. to DIN 3122, ISO 3315
- > Fine-toothed (40 teeth), with lever change and push-button release
- > Return angle 9°

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

| Code    | No.       | "    | ■   | ° | mm  | mm |       |
|---------|-----------|------|-----|---|-----|----|-------|
| 1703749 | 2093 U-20 | 1/4" | 6,3 | 9 | 127 | 20 | 0,095 |

**2093 U-10**  
Reversible ratchet 1/4"



6.3 1/4"

- > Acc. to DIN 3122, ISO 3315
- > With recessed lever change, locks in middle position
- > Return angle 15°
- > For hand-operated sockets and accessories with

square drive as per DIN 3120 - C 6.3, ISO 1174, ball locking device

| Code    | No.       | "    | ■   | °  | mm  | mm   |       |
|---------|-----------|------|-----|----|-----|------|-------|
| 6180470 | 2093 U-10 | 1/4" | 6,3 | 15 | 129 | 21,5 | 0,109 |

**2093 U-3**  
Reversible ratchet 1/4"



6.3 1/4"

- > Acc. to DIN 3122, ISO 3315
- > With non-slip metal disc change, fine-toothed (72 teeth) and robust
- > Return angle 5°

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

| Code    | No.      | "    |     | ° | mm  | mm |       |
|---------|----------|------|-----|---|-----|----|-------|
| 6170590 | 2093 U-3 | 1/4" | 6,3 | 5 | 129 | 25 | 0,095 |

**2093 Z-94**  
Ratchet handle 1/4"



6.3 1/4"

- > Acc. to DIN 3122, ISO 3315
- > With square coupler, medium-fine toothed, extremely rugged
- > Return angle 18°

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

| Code    | No.       | "    |     | °  | mm  | mm |       |
|---------|-----------|------|-----|----|-----|----|-------|
| 6170750 | 2093 Z-94 | 1/4" | 6,3 | 18 | 129 | 12 | 0,076 |

**2093 U-3 T**  
Ratchet with T-handle 1/4"



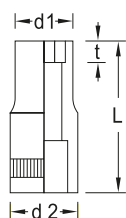
6.3 1/4"

- > Especially suitable for work in confined spaces
- > Return angle 5°

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

| Code    | No.       | "    |     | ° | mm  |  |       |
|---------|-----------|------|-----|---|-----|--|-------|
| 1791532 | 2093 U-3T | 1/4" | 6,3 | 5 | 140 |  | 0,065 |

**20 (MM)**  
Socket 1/4"  
hexagon



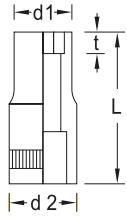
6.3 1/4"

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.    | mm  | L  | d1   | d2   | t    |       |
|---------|--------|-----|----|------|------|------|-------|
| 6165400 | 20 4   | 4   | 25 | 6,9  | 12,0 | 2,0  | 0,012 |
| 6165590 | 20 4,5 | 4,5 | 25 | 7,5  | 12,0 | 2,3  | 0,013 |
| 6165670 | 20 5   | 5   | 25 | 8,2  | 12,0 | 2,5  | 0,01  |
| 6165750 | 20 5,5 | 5,5 | 25 | 8,8  | 12,0 | 3,0  | 0,01  |
| 6165830 | 20 6   | 6   | 25 | 9,4  | 12,0 | 3,5  | 0,01  |
| 6165910 | 20 7   | 7   | 25 | 11,0 | 12,0 | 4,0  | 0,011 |
| 6166050 | 20 8   | 8   | 25 | 12,0 | 12,0 | 5,0  | 0,014 |
| 6166130 | 20 9   | 9   | 25 | 13,0 | 13,0 | 5,0  | 0,016 |
| 6166210 | 20 10  | 10  | 25 | 14,7 | 14,7 | 6,0  | 0,018 |
| 6166480 | 20 11  | 11  | 25 | 16,0 | 16,0 | 7,0  | 0,025 |
| 6166560 | 20 12  | 12  | 25 | 17,0 | 17,0 | 8,0  | 0,029 |
| 6166640 | 20 13  | 13  | 25 | 18,5 | 18,5 | 8,0  | 0,03  |
| 6166720 | 20 14  | 14  | 25 | 19,7 | 19,7 | 10,0 | 0,18  |



**20 (AF)**  
Socket 1/4"  
hexagon

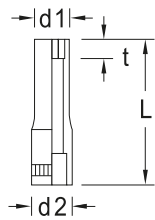


6,3 1/4"

- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.        | AF     | L  | d1   | d2   | t    | kg    |
|---------|------------|--------|----|------|------|------|-------|
| 6167020 | 20 3/16AF  | 3/16"  | 25 | 7,8  | 12,0 | 2,5  | 0,009 |
| 6167100 | 20 7/32AF  | 7/32"  | 25 | 8,8  | 12,0 | 3,0  | 0,009 |
| 6167290 | 20 1/4AF   | 1/4"   | 25 | 9,8  | 12,0 | 3,5  | 0,025 |
| 6167370 | 20 9/32AF  | 9/32"  | 25 | 11,0 | 12,0 | 4,0  | 0,01  |
| 6167450 | 20 5/16AF  | 5/16"  | 25 | 12,0 | 12,0 | 5,0  | 0,013 |
| 6167530 | 20 11/32AF | 11/32" | 25 | 13,0 | 13,0 | 5,0  | 0,015 |
| 6167610 | 20 3/8AF   | 3/8"   | 25 | 14,0 | 6,0  | 6,0  | 0,018 |
| 6167880 | 20 7/16AF  | 7/16"  | 25 | 16,0 | 16,0 | 7,0  | 0,023 |
| 6167960 | 20 1/2AF   | 1/2"   | 25 | 18,0 | 18,0 | 8,0  | 0,029 |
| 6161840 | 20 9/16AF  | 9/16"  | 25 | 20,0 | 20,0 | 10,0 | 0,036 |

**20 L (MM)**  
Socket 1/4"  
hexagon,  
long pattern

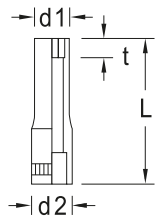


6,3 1/4"

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.      | mm  | L  | d1   | d2   | t    | kg    |
|---------|----------|-----|----|------|------|------|-------|
| 6191400 | 20 L 4   | 4   | 50 | 6,7  | 12,0 | 3,0  | 0,028 |
| 6191590 | 20 L 4,5 | 4,5 | 50 | 7,2  | 12,0 | 3,4  | 0,026 |
| 6191670 | 20 L 5   | 5   | 50 | 7,8  | 12,0 | 3,7  | 0,03  |
| 6191750 | 20 L 5,5 | 5,5 | 50 | 8,5  | 12,0 | 4,5  | 0,03  |
| 6191830 | 20 L 6   | 6   | 50 | 9,1  | 12,0 | 5,2  | 0,029 |
| 6191910 | 20 L 7   | 7   | 50 | 10,5 | 12,0 | 6,0  | 0,025 |
| 6192050 | 20 L 8   | 8   | 50 | 11,3 | 12,0 | 7,5  | 0,024 |
| 6192130 | 20 L 9   | 9   | 50 | 12,0 | 13,2 | 7,5  | 0,032 |
| 6192210 | 20 L 10  | 10  | 50 | 12,7 | 14,7 | 9,0  | 0,039 |
| 6192480 | 20 L 11  | 11  | 50 | 14,0 | 16,0 | 10,5 | 0,05  |
| 6192560 | 20 L 12  | 12  | 50 | 15,0 | 17,0 | 12,0 | 0,055 |
| 6192640 | 20 L 13  | 13  | 50 | 16,0 | 18,0 | 12,0 | 0,055 |

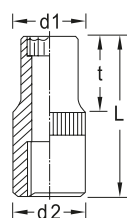
**20 L (AF)**  
Socket 1/4" hex,  
long hexagon,  
long pattern



6,3 1/4"

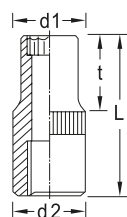
- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.          | AF     | L  | d1   | d2   | t    | kg    |
|---------|--------------|--------|----|------|------|------|-------|
| 6192800 | 20 L 3/16AF  | 3/16"  | 50 | 7,8  | 12,0 | 3,7  | 0,016 |
| 6192990 | 20 L 7/32AF  | 7/32"  | 50 | 8,8  | 12,0 | 4,5  | 0,017 |
| 6193020 | 20 L 1/4AF   | 1/4"   | 50 | 9,8  | 12,0 | 5,2  | 0,017 |
| 6193100 | 20 L 9/32AF  | 9/32"  | 50 | 11,0 | 12,0 | 6,0  | 0,022 |
| 6193290 | 20 L 5/16AF  | 5/16"  | 50 | 12,0 | 12,0 | 7,5  | 0,025 |
| 6193370 | 20 L 11/32AF | 11/32" | 50 | 13,0 | 13,0 | 7,5  | 0,029 |
| 6193450 | 20 L 3/8AF   | 3/8"   | 50 | 14,0 | 14,0 | 9,0  | 0,033 |
| 6193530 | 20 L 7/16AF  | 7/16"  | 50 | 16,0 | 16,0 | 10,5 | 0,043 |
| 6193610 | 20 L 1/2AF   | 1/2"   | 50 | 18,0 | 18,0 | 12,0 | 0,054 |

**D 20 (MM)**Socket 1/4"  
Bi-hexagon  
UD profile**6,3** **1/4"**

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.      |     | L  | d1   | d2   | t    |       |
|---------|----------|-----|----|------|------|------|-------|
| 1649558 | D 20 4   | 4   | 25 | 6,7  | 12,0 | 2,0  | 0,009 |
| 1649566 | D 20 4,5 | 4,5 | 25 | 7,2  | 12,0 | 2,3  | 0,008 |
| 1649574 | D 20 5   | 5   | 25 | 7,8  | 12,0 | 2,5  | 0,011 |
| 1802402 | D 20 5,5 | 5,5 | 25 | 8,5  | 12,0 | 3,0  | 0,012 |
| 1649582 | D 20 6   | 6   | 25 | 9,1  | 12,0 | 3,5  | 0,01  |
| 1649590 | D 20 7   | 7   | 25 | 10,5 | 12,0 | 4,0  | 0,013 |
| 6225750 | D 20 8   | 8   | 25 | 11,3 | 12,0 | 5,0  | 0,013 |
| 6225830 | D 20 9   | 9   | 25 | 12,0 | 13,0 | 5,0  | 0,015 |
| 6226050 | D 20 10  | 10  | 25 | 14,5 | 12,7 | 6,0  | 0,02  |
| 6226130 | D 20 11  | 11  | 25 | 16,0 | 14,0 | 7,0  | 0,024 |
| 6226480 | D 20 12  | 12  | 25 | 17,0 | 15,0 | 8,0  | 0,026 |
| 6226640 | D 20 13  | 13  | 25 | 18,0 | 16,0 | 8,0  | 0,029 |
| 6226720 | D 20 14  | 14  | 25 | 19,7 | 18,0 | 10,0 | 0,036 |

**D 20 (AF)**Socket 1/4"  
Bi-hexagon  
UD profile**6,3** **1/4"**

- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.          |        | L  | d1   | d2   | t    |       |
|---------|--------------|--------|----|------|------|------|-------|
| 1812505 | D 20 3/16AF  | 3/16"  | 25 | 7,6  | 12,0 | 2,5  | 0,01  |
| 1812513 | D 20 7/32AF  | 7/32"  | 25 | 8,5  | 12,0 | 3,0  | 0,011 |
| 1812521 | D 20 1/4AF   | 1/4"   | 25 | 9,4  | 12,0 | 3,5  | 0,011 |
| 1812548 | D 20 9/32AF  | 9/32"  | 25 | 10,6 | 12,0 | 4,0  | 0,012 |
| 6226800 | D 20 5/16AF  | 5/16"  | 25 | 11,3 | 12,0 | 5,0  | 0,012 |
| 6226990 | D 20 11/32AF | 11/32" | 25 | 12,0 | 13,0 | 5,0  | 0,015 |
| 6227020 | D 20 3/8AF   | 3/8"   | 25 | 14,0 | 12,7 | 6,0  | 0,017 |
| 1901702 | D 20 13/32AF | 13/32" | 25 | 14,5 | 12,7 | 6,0  | 0,02  |
| 6227370 | D 20 7/16AF  | 7/16"  | 25 | 16,0 | 14,0 | 7,0  | 0,022 |
| 6227450 | D 20 1/2AF   | 1/2"   | 25 | 18,0 | 16,0 | 8,0  | 0,028 |
| 6228180 | D 20 9/16AF  | 9/16"  | 25 | 20,0 | 20,0 | 10,0 | 0,034 |

**D 20 L (AF)**Socket 1/4"  
Bi-hexagon UD profile,  
long pattern**6,3** **1/4"**

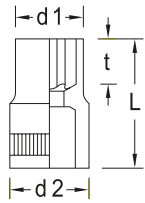
- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.            |        | L  | d1   | d2   | t    |       |
|---------|----------------|--------|----|------|------|------|-------|
| 1965433 | D 20 L 3/16AF  | 3/16"  | 50 | 7,6  | 12,0 | 3,7  | 0,017 |
| 1965476 | D 20 L 7/32AF  | 7/32"  | 50 | 8,5  | 12,0 | 4,5  | 0,019 |
| 1965417 | D 20 L 1/4AF   | 1/4"   | 50 | 9,4  | 12,0 | 5,2  | 0,017 |
| 1965484 | D 20 L 9/32AF  | 9/32"  | 50 | 10,6 | 12,0 | 6,0  | 0,024 |
| 1965441 | D 20 L 5/16AF  | 5/16"  | 50 | 11,3 | 12,0 | 7,5  | 0,024 |
| 1965492 | D 20 L 11/32AF | 11/32" | 50 | 13,2 | 12,0 | 7,5  | 0,043 |
| 1965425 | D 20 L 3/8AF   | 3/8"   | 50 | 14,7 | 12,7 | 9,0  | 0,035 |
| 1965468 | D 20 L 7/16AF  | 7/16"  | 50 | 16,0 | 14,0 | 10,5 | 0,043 |
| 1965409 | D 20 L 1/2AF   | 1/2"   | 50 | 18,0 | 16,0 | 12,0 | 0,054 |

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**TX 20**

Socket 1/4"  
for protruding  
TX head screws



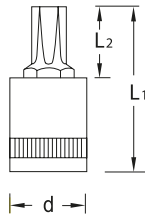
6.3 1/4"

- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.       | mm  | M       | mm   | L  | d1   | d2   | t   | kg    |
|---------|-----------|-----|---------|------|----|------|------|-----|-------|
| 6187640 | TX 20 E5  | E5  | M4      | 4,73 | 25 | 7,0  | 12,0 | 5,0 | 0,013 |
| 6187720 | TX 20 E6  | E6  | M5      | 5,74 | 25 | 8,0  | 12,0 | 5,0 | 0,01  |
| 6187800 | TX 20 E7  | E7  | M6      | 6,16 | 25 | 9,5  | 12,0 | 6,0 | 0,011 |
| 6187990 | TX 20 E8  | E8  | M6 - M7 | 7,52 | 25 | 10,5 | 12,0 | 6,5 | 0,014 |
| 6193880 | TX 20 E4  | E4  | M3      | 3,86 | 25 | 5,5  | 12,0 | 4,5 | 0,008 |
| 6193960 | TX 20 E10 | E10 | M8      | 9,42 | 25 | 13,0 | 13,0 | 7,0 | 0,018 |

**ITX 20**

Screwdriver  
bit socket 1/4"  
for recessed TX head  
screws



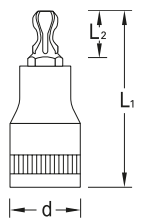
6.3 1/4"

- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.        | T   | M         | mm   | L1 | L2   | d  | kg    |
|---------|------------|-----|-----------|------|----|------|----|-------|
| 6190430 | ITX 20 T8  | T8  | M2,5      | 2,31 | 37 | 15,0 | 12 | 0,015 |
| 6190510 | ITX 20 T9  | T9  | M3        | 2,50 | 37 | 15,0 | 12 | 0,015 |
| 6190780 | ITX 20 T10 | T10 | M3 - M3,5 | 2,74 | 37 | 15,0 | 12 | 0,015 |
| 6190860 | ITX 20 T15 | T15 | M3,5 - M4 | 3,27 | 37 | 15,0 | 12 | 0,016 |
| 6190940 | ITX 20 T20 | T20 | M4 - M5   | 3,86 | 37 | 15,0 | 12 | 0,016 |
| 6191080 | ITX 20 T25 | T25 | M4,5 - M5 | 4,43 | 37 | 15,0 | 12 | 0,016 |
| 6191160 | ITX 20 T27 | T27 | M4,5 - M6 | 4,99 | 37 | 15,0 | 12 | 0,016 |
| 6191240 | ITX 20 T30 | T30 | M6 - M7   | 5,52 | 37 | 15,0 | 12 | 0,016 |
| 6265890 | ITX 20 T40 | T40 | M7 - M8   | 6,65 | 37 | 15,0 | 12 | 0,017 |

**ITX 20 K**

Screwdriver  
bit socket 1/4" with  
ball end, for recessed  
TX head screws



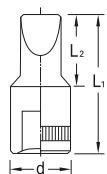
6.3 1/4"

- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > hand operated, knurled for good grip
- > Total swivel angle approx. 15-20°

| Code    | No.          | T   | M         | mm   | L1 | L2   | d  | kg    |
|---------|--------------|-----|-----------|------|----|------|----|-------|
| 6120300 | ITX 20 KT15  | T15 | M3,5 - M4 | 3,27 | 37 | 14,5 | 12 | 0,015 |
| 6120490 | ITX 20 K T20 | T20 | M4 - M5   | 3,86 | 37 | 14,5 | 12 | 0,015 |
| 6120570 | ITX 20 K T25 | T25 | M4,5 - M5 | 4,43 | 37 | 14,5 | 12 | 0,015 |
| 6120650 | ITX 20 K T27 | T27 | M4,5 - M6 | 4,99 | 37 | 14,5 | 12 | 0,015 |
| 6120730 | ITX 20 K T30 | T30 | M6 - M7   | 5,52 | 37 | 14,5 | 12 | 0,015 |
| 6120810 | ITX 20 K T40 | T40 | M7 - M8   | 6,65 | 37 | 14,0 | 14 | 0,025 |

**IS 20**

Screwdriver  
bit socket 1/4" for  
slotted head screws

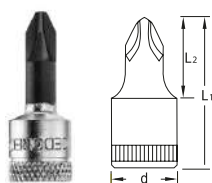


6.3 1/4"

- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated
- > Blade tip acc. to DIN ISO 2380-1 Form B

| Code    | No.       | mm  | mm  | L1 | L2   | d  | kg    |
|---------|-----------|-----|-----|----|------|----|-------|
| 6171560 | IS 20 4   | 4   | 0,8 | 28 | 16,0 | 12 | 0,011 |
| 6171640 | IS 20 5,5 | 5,5 | 1,0 | 28 | 16,0 | 12 | 0,012 |
| 6174230 | IS 20 6,5 | 6,5 | 1,2 | 28 | 16,0 | 12 | 0,012 |
| 6174310 | IS 20 8   | 8   | 1,6 | 28 | 16,0 | 12 | 0,012 |

**IKS 20**  
Screwdriver  
bit socket 1/4"

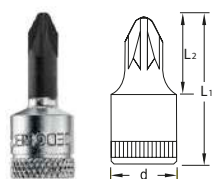


6,3 1/4"

- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN ISO 8764-1 PH

| Code    | No.      | ⊕ PH | L1 | L2   | d  |       |
|---------|----------|------|----|------|----|-------|
| 6174580 | IKS 20 1 | 1    | 28 | 16,0 |    | 0,011 |
| 6174660 | IKS 20 2 | 2    | 28 | 16,0 | 12 | 0,012 |
| 6174740 | IKS 20 3 | 3    | 28 | 16,0 | 12 | 0,012 |
| 6174820 | IKS 20 4 | 4    | 28 | 16,0 | 12 | 0,014 |

**IKS 20 PZD**  
Screwdriver  
bit socket 1/4"  
for cross-head screws  
Pozi PZ

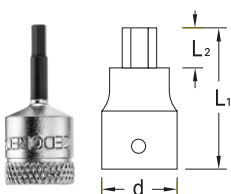


6,3 1/4"

- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN ISO 8764-1 PZ

| Code    | No.          | ⊕ PZ | L1 | L2   | d  |       |
|---------|--------------|------|----|------|----|-------|
| 6187130 | IKS 20 PZD 1 | 1    | 28 | 16,0 | 12 | 0,012 |
| 6187210 | IKS 20 PZD 2 | 2    | 28 | 16,0 | 12 | 0,013 |
| 6187480 | IKS 20 PZD 3 | 3    | 28 | 16,0 | 12 | 0,014 |
| 6187560 | IKS 20 PZD 4 | 4    | 28 | 16,0 | 12 | 0,015 |

**IN 20**  
Screwdriver  
bit socket 1/4"  
for in-hex screws

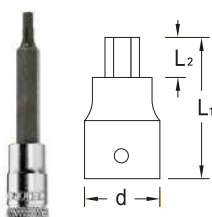


6,3 1/4"

- > Acc. to DIN 7422
- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated
- \* not standardised**

| Code     | No.       | mm  | L1 | L2   | d  |       |
|----------|-----------|-----|----|------|----|-------|
| 1812556* | IN 20 2   | 2   | 28 | 16,0 | 12 | 0,01  |
| 1707736* | IN 20 2,5 | 2,5 | 28 | 16,0 | 12 | 0,01  |
| 6176010  | IN 20 3   | 3   | 28 | 16,0 | 12 | 0,011 |
| 6176280  | IN 20 4   | 4   | 28 | 16,0 | 12 | 0,011 |
| 6176360  | IN 20 5   | 5   | 28 | 16,0 | 12 | 0,012 |
| 6178490  | IN 20 6   | 6   | 28 | 16,0 | 12 | 0,013 |
| 6178570* | IN 20 8   | 8   | 28 | 16,0 | 12 | 0,016 |

**IN 20 L**  
Screwdriver  
bit socket 1/4"  
for in-hex screws,  
long pattern

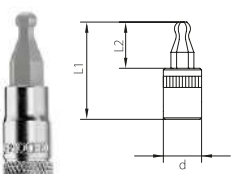


6,3 1/4"

- > Acc. to DIN 7422
- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.          | mm | L1 | L2   | d  |       |
|---------|--------------|----|----|------|----|-------|
| 1933256 | IN 20 L 3-60 | 3  | 60 | 32,0 | 12 | 0,024 |
| 1933264 | IN 20 L 4-60 | 4  | 60 | 32,0 | 12 | 0,025 |
| 1933272 | IN 20 L 5-60 | 5  | 60 | 32,0 | 12 | 0,027 |
| 1933280 | IN 20 L 6-60 | 6  | 60 | 32,0 | 12 | 0,029 |
| 1933299 | IN 20 L 8-60 | 8  | 60 | 32,0 | 12 | 0,05  |

**IN 20 K**  
Screwdriver  
bit socket 1/4"  
with ball end,  
for in-hex screws



6,3 1/4"

- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > Hand-operated
- > Total swivel angle approx. 15-20°

| Code    | No.       | mm | L1 | L2   | d  |       |
|---------|-----------|----|----|------|----|-------|
| 2219409 | IN 20 K 4 | 4  | 37 | 14,5 | 12 | 0,01  |
| 2219417 | IN 20 K 5 | 5  | 37 | 14,5 | 12 | 0,01  |
| 2219468 | IN 20 K 6 | 6  | 37 | 14,5 | 12 | 0,013 |

**D 20 DMU-3**  
Socket set 1/4"  
14 pieces



**6,3** **1/4"**

- > With hand operated 12-point UD profile sockets and operating tools
- > With fine toothed, dial change ratchet
- > In plastic case

| Code           | No.        | Contents  | Pieces |       |
|----------------|------------|---|--------|-------|
| <b>1815598</b> | D 20 DMU-3 | Reversible ratchet 1/4" No. 2093 U-3<br>Socket wrench insert 1/4" 12-point UD profile No. D 20 4 4.5 5 5.5 6 7 8 9 10 11 12 13<br>Extension 1/4" No. 2090-4 | 14     | 0,429 |

**INS 20 PM**  
Screwdriver set 1/4"  
15 pieces



**6,3** **1/4"**

- > With hand operated screwdriver inserts
- > In plastic case

| Code           | No.       | Contents  | Pieces |       |
|----------------|-----------|---|--------|-------|
| <b>1815601</b> | INS 20 PM | Screwdriver bit socket 1/4" for hexagon socket screws No. IN 20 3 4 5 6 8<br>Screwdriver bit socket 1/4" for slotted screws No. IS 20 4 5.5 6.5 8<br>Screwdriver bit socket 1/4" for cross-head screws PH No. IKS 20 1 2 3<br>Screwdriver bit socket 1/4" for cross-head screws PZ No. IKS 20 PZD 1 2 3 | 15     | 0,285 |

**ITX 20 TX-015**  
Screwdriver set 1/4"  
15 pieces



**6,3** **1/4"**

- > With hand operated screwdriver inserts
- > In plastic case

| Code           | No.           | Contents   | Pieces |       |
|----------------|---------------|--|--------|-------|
| <b>1815628</b> | ITX 20 TX-015 | Screwdriver bit socket 1/4" for recessed TX screws No. ITX 20 T8 T9 T10 T15 T20 T25 T27 T30 T40<br>Socket wrench insert 1/4" for external TX screws No. TX 20 E4 E5 E6 E7 E8 E10 | 15     | 0,307 |

**D 20 EMU-3**  
Socket set 1/4"  
17 pieces



**6,3** **1/4"**

- > With hand operated 12-point UD profile sockets
- > With operating tools
- > With fine toothed, dial change ratchet
- > In plastic case

| Code           | No.        | Contents  | Pieces |       |
|----------------|------------|---|--------|-------|
| <b>1815652</b> | D 20 EMU-3 | Reversible ratchet 1/4" No. 2093 U-3<br>Socket wrench insert 1/4" 12-point UD profile No. D 20 4 4.5 5 5.5 6 7 8 9 10 11 13<br>Cross handle 1/4" No. 2087<br>Extension 1/4" No. 2090-4<br>Cardan joint 1/4" No. 2095<br>Multi-handle 1/4" No. 676 | 17     | 0,625 |

**D 20 KMU-20**  
Socket set 1/4"  
37 pieces



**6,3** **1/4"**


- > With hand operated 12-point UD profile sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > In plastic case

| Code           | No.         | Contents   | Pieces |       |
|----------------|-------------|--|--------|-------|
| <b>1822373</b> | D 20 KMU-20 | Reversible ratchet 1/4" No. 2093 U-20<br>Socket wrench insert 1/4" 12-point UD profile No. D 20 4 5 6 7 8 9 10 11 12 13<br>Screwdriver bit 1/4" for slotted screws No. 680 4 5 5 6 5<br>Screwdriver bit 1/4" for hexagon socket screws No. 685 3 4 5 6<br>Screwdriver bit 1/4" for multi-tooth socket screws XZN No. 685 X 5 6 8<br>Screwdriver bit 1/4" for multi-tooth socket head screws XZN No. 687 TX T10 T15 T20 T25 T27 T30 T40<br>Screwdriver bit 1/4" for cross-head screws PH No. 690 1 2<br>Screwdriver bit 1/4" for cross-head screws PZ No. 690 PZD 1 2 3<br>Extension 1/4" No. 2090-4<br>Bit adapter 1/4" No. 620<br>Multi-handle 1/4" No. 676<br>Bit holder for machine screwdriver No. 699 | 37     | 0,712 |




**D 20 KAU-20**Socket set 1/4"  
37 pieces**6.3** **1/4"**

- > With hand operated 12-point UD profile sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > In plastic case

| Code           | No.         | Contents   | Pieces |  |
|----------------|-------------|--|--------|---|
| <b>2010348</b> | D 20 KAU-20 | Reversible ratchet 1/4" No. 2093 U-20<br>Socket wrench insert 1/4" 12-point UD profile No. D 20 4 5 6 7 8 9 10 11 12 13<br>Screwdriver bit 1/4" for slotted screws No. 680 4 5.5 6.5<br>Screwdriver bit 1/4" for hexagon socket screws No. 685 3 4 5 6<br>Screwdriver bit 1/4" for multi-tooth socket screws XZN No. 685 X 5 6 8<br>Screwdriver bit 1/4" for multi-tooth socket head screws XZN No. 687 TX T10 T15 T20 T25 T27 T30 T40<br>Screwdriver bit 1/4" for cross-head screws PH No. 690 1 2<br>Screwdriver bit 1/4" for cross-head screws PZ No. 690 PZD 1 2 3<br>Extension 1/4" No. 2090-4<br>Bit adapter 1/4" No. 620<br>Multi-handle 1/4" No. 676<br>Bit holder for machine screwdriver No. 699 | 37     | 0,656   |


**D 20 TMU-10**Socket set 1/4"  
40 pieces**6.3** **1/4"**

- > With hand operated 12-point UD profile sockets
- > With operating tools
- > With robust lever-change reversible ratchet
- > In plastic case

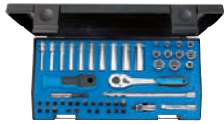
| Code           | No.         | Contents   | Pieces |  |
|----------------|-------------|--|--------|---|
| <b>1815660</b> | D 20 TMU-10 | Reversible ratchet 1/4" No. 2093 U-10<br>Socket wrench insert 1/4" 12-point UD profile No. D 20 4 5 6 7 8 9 10 11 12 13<br>Screwdriver bit 1/4" for slotted screws No. 680 4 6.5<br>Screwdriver bit 1/4" for hexagon socket screws No. 685 3 4 5 6 8<br>Screwdriver bit 1/4" for multi-tooth socket screws XZN No. 685 X 5 6 8<br>Screwdriver bit 1/4" for multi-tooth socket head screws XZN No. 687 TX T10 T15 T20 T25 T27 T30 T40<br>Screwdriver bit 1/4" for cross-head screws PH No. 690 1 2<br>Screwdriver bit 1/4" for cross-head screws PZ No. 690 PZD 1 2 3<br>Extension 1/4" No. 2090-4<br>Cardan joint No. 2095<br>Bit adapter 1/4" No. 620<br>Insert holder No. 673<br>Multi-handle 1/4" No. 676<br>Combination holding tool No. 639<br>Bit holder for machine screwdriver No. 699 | 40     | 0,767   |

**D 20 MOT**Basic tool set 1/4",  
for motorbikes  
30 pieces**6.3** **1/4"**

- > Selected tools with metric dimensions for "first aid" on the motorcycle
- > In plastic case

| Code           | No.      | Contents  | Pieces |  |
|----------------|----------|---|--------|---|
| <b>2190281</b> | D 20 MOT | Cross handle ratchet 1/4" No. 2093 U-3 T<br>Socket wrench insert 1/4" 12-point UD profile No. D 20 8 9 10 11 12 13 14<br>Screwdriver bit 1/4" for hexagon socket screws No. 685 3 4 5 6 8 10<br>Screwdriver bit 1/4" for multi-tooth socket head screws XZN No. 687 TX T10 T15 T20 T25 T27 T30 T40<br>Screwdriver bit 1/4" for cross-head screws PH No. 690 1 2 3<br>Screwdriver bit 1/4" for slotted screws No. 680 4 6.5<br>Cardan extension 1/4" No. KR-4<br>Extension 1/4" No. 2090-6<br>Cardan joint 1/4" No. 2095<br>Bit adapter 1/4" No. 620 | 30     | 0,572   |

**20 LMU-10**  
Socket set 1/4"  
49 pieces



**6,3** **1/4"**

- > With long hexagonal and short 12-point UD-profile sockets, hand operated
- > With operating tools
- > In plastic case

| Code           | No.       | Contents  | Pieces |       |
|----------------|-----------|---|--------|-------|
| <b>1815687</b> | 20 LMU-10 | Reversible ratchet 1/4" No. 2093 U-10<br>Socket wrench insert 1/4" 12-point UD profile No. D 20<br>4 5 6 7 8 9 10 11 12 13<br>Socket wrench insert 1/4" hexagon, long No. 20 L<br>4 4.5 5 6 7 8 9 10 12 13<br>Screwdriver bit 1/4" for slotted screws No. 680 4 6 5<br>Screwdriver bit 1/4" for hexagon socket screws No. 685<br>3 4 5 6 8<br>Screwdriver bit 1/4" for multi-tooth socket screws XZN<br>No. 685 X 5 6 8<br>Screwdriver bit 1/4" for multi-tooth socket head screws XZN<br>No. 687 TX T10 T15 T20 T25 T27 T30 T40<br>Screwdriver bit 1/4" for cross-head screws PH No. 690 1 2<br>Screwdriver bit 1/4" for cross-head screws PZ No. 690 PZD 1 2 3<br>Bit adapter 1/4" No. 620<br>Multi-handle 1/4" No. 676<br>Extension 1/4" No. 2090-2 -6<br>Cardan joint 1/4" No. 2095<br>Bit holder for machine screwdriver No. 699 | 49     | 1,262 |

**20 EM**  
Socket set 1/4"  
16 pieces



**6,3** **1/4"**

- > With hand-operated hexagon sockets
- > With operating tools
- > With fine toothed, dial change ratchet
- > With robust lever-change reversible ratchet
- > In plastic case

| Code           | No.       | Contents   | Pieces |       |
|----------------|-----------|--|--------|-------|
| <b>6172290</b> | 20 EMU-3  | Reversible ratchet 1/4" No. 2093 U-3<br>Socket wrench insert 1/4" hexagon No. 20<br>4 4.5 5 5.5 6 7 8 9 10 11 12 13 14<br>Cross handle 1/4" No. 2087<br>Extension 1/4" No. 2090-4<br>Cardan joint 1/4" No. 2095<br>Square plug-in handle 1/4" No. 2098 | 16     | 0,776 |
| <b>6162220</b> | 20 EMU-10 | Reversible ratchet 1/4" No. 2093 U-10<br>Socket wrench insert 1/4" hexagon No. 20<br>4 4.5 5 5.5 6 7 8 9 10 11 13<br>Cross handle 1/4" No. 2087<br>Extension 1/4" No. 2090-4<br>Cardan joint 1/4" No. 2095<br>Square plug-in handle 1/4" No. 2098      | 16     | 0,79  |

**20 IMU-3**  
Socket set 1/4"  
32 pieces



**6,3** **1/4"**

- > With hand-operated hexagon sockets
- > With operating tools
- > With fine toothed, dial change ratchet
- > In plastic case

| Code           | No.      | Contents  | Pieces |       |
|----------------|----------|---|--------|-------|
| <b>6174150</b> | 20 IMU-3 | Reversible ratchet 1/4" No. 2093 U-3<br>Socket wrench insert 1/4" hexagon No.20<br>4 5 6 7 8 9 10 11 12 13 14<br>Screwdriver bit socket 1/4" for slotted screws No. IS 20<br>4 5.5 6.5 8<br>Screwdriver bit socket 1/4" for hexagon socket screws No. IN<br>20 3 4 5 6 8<br>Screwdriver bit socket 1/4" for cross-head screws PH No. IKS<br>20 1 2 3<br>Screwdriver bit socket 1/4" for cross-head screws PZ No. IKS 20<br>PZD 1 2 3<br>Cross handle 1/4" No. 2087<br>Extension 1/4" No. 2090-2 -6<br>Cardan joint 1/4" No. 2095<br>Square plug-in handle 1/4" No. 2098 | 32     | 1,298 |

**20 ITU-3**  
Socket set 1/4"  
36 pieces



**6,3** **1/4"**

- > With hand-operated hexagon sockets
- > With operating tools
- > With fine toothed, dial change ratchet
- > In plastic case

| Code           | No.      | Contents   | Pieces |       |
|----------------|----------|--|--------|-------|
| <b>6196710</b> | 20 ITU-3 | reversible ratchet 1/2" No. U-10 T<br>Reversible ratchet 1/4" No. 2093 U-3<br>Socket wrench insert 1/4" hexagon No. 20<br>4 5 6 7 8 9 10 11 12 13 14<br>Screwdriver bit socket 1/4" for hexagon socket screws No. IN<br>20 3 4 5 6 8<br>Socket wrench insert 1/4" for external TRX screws No. TX 20<br>E4 E5 E6 E7 E8 E10<br>Screwdriver bit socket 1/4" for recessed TX screws No. ITX 20<br>T8 T9 T10 T15 T20 T25 T27 T30<br>Cross handle 1/4" No. 2087<br>Extension 1/4" No. 2090-2 -6<br>Cardan joint 1/4" No. 2095<br>Square plug-in handle 1/4" No. 2098 | 36     | 1,376 |

**2098 T**  
Driving handle 1/4"



- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174, ball locking device
- > With bit adapter No. 620 also suitable for 1/4" bits
- > Especially suitable for deep-seated screws

| Code    | No.    | "    | mm  | mm  | kg   |
|---------|--------|------|-----|-----|------|
| 1939998 | 2098 T | 1/4" | 6,3 | 300 | 0,15 |

**2098**  
Driving handle 1/4"



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

| Code    | No.  | "    | mm  | mm  | kg   |
|---------|------|------|-----|-----|------|
| 6171480 | 2098 | 1/4" | 6,3 | 140 | 0,07 |

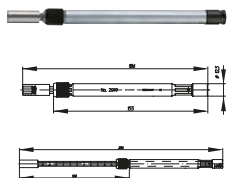
**2087**  
Sliding T bar 1/4"



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

| Code    | No.  | "    | mm  | mm  | kg    |
|---------|------|------|-----|-----|-------|
| 6170160 | 2087 | 1/4" | 6,3 | 115 | 0,039 |

**2099**  
Telescopic extension 1/4" magnetic



- > With 1/4" female square drive and 1/4" hexagon socket
- > Automatic, positive locking
- > Adjustable in 10 mm steps from 192-296 mm

| Code    | No.  | "    | mm  | "    | mm  | mm  | kg    |
|---------|------|------|-----|------|-----|-----|-------|
| 1888455 | 2099 | 1/4" | 6,3 | 1/4" | 6,3 | 195 | 0,205 |

**2090**  
Extension 1/4"



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

| Code    | No.     | "    | mm  | mm  | kg    |
|---------|---------|------|-----|-----|-------|
| 6170320 | 2090-2  | 1/4" | 6,3 | 55  | 0,025 |
| 6170400 | 2090-4  | 1/4" | 6,3 | 97  | 0,041 |
| 6171210 | 2090-6  | 1/4" | 6,3 | 148 | 0,061 |
| 6173340 | 2090-12 | 1/4" | 6,3 | 305 | 0,124 |

**2088**  
Flexible extension 1/4"



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

| Code    | No.  | "    | mm  | mm  | kg    |
|---------|------|------|-----|-----|-------|
| 6170240 | 2088 | 1/4" | 6,3 | 120 | 0,046 |

**2090 A**  
Extension 1/4"  
with release



- > Easy access to deep-fitting screws in confined areas
- > No unintentional release due to safety ring
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174, ball locking device

| Code    | No.       | "    | mm  | mm  | kg    |
|---------|-----------|------|-----|-----|-------|
| 1932284 | 2090 A-2  | 1/4" | 6,3 | 55  | 0,03  |
| 1932292 | 2090 A-4  | 1/4" | 6,3 | 97  | 0,05  |
| 1932306 | 2090 A-12 | 1/4" | 6,3 | 305 | 0,125 |

**2090 KR**  
Universal extension 1/4"



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

| Code    | No.       | "    | mm  | mm  | kg    |
|---------|-----------|------|-----|-----|-------|
| 1812564 | 2090 KR-2 | 1/4" | 6,3 | 55  | 0,024 |
| 1812572 | 2090 KR-4 | 1/4" | 6,3 | 97  | 0,045 |
| 6121030 | 2090 KR-6 | 1/4" | 6,3 | 148 | 0,06  |

**2095**  
Universal joint 1/4"



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

| Code    | No.  | "    | mm  | "    | mm  | mm | kg    |
|---------|------|------|-----|------|-----|----|-------|
| 6170910 | 2095 | 1/4" | 6,3 | 1/4" | 6,3 | 38 | 0,026 |

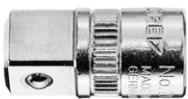
**2094**  
Coupler 1/4"



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

| Code    | No.  | "    | mm  | mm   | kg    |
|---------|------|------|-----|------|-------|
| 6170830 | 2094 | 1/4" | 6,3 | 19,8 | 0,006 |

**2030**  
Converter  
1/4" to 3/8"



1/4"  
6,3 mm

3/8"  
10 mm

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

| Code    | No.  | "    | mm  | "    | mm | mm | kg   |
|---------|------|------|-----|------|----|----|------|
| 6170080 | 2030 | 1/4" | 6,3 | 3/8" | 10 | 26 | 0,02 |

**S 2032-05**  
Adaptor set 1/4" - 3/4"  
5 pieces



- > With reducer and enlargement pieces from 1/4" to 3/4"
- > Reducers 1930, 3020
- > Enlargement pieces 2030, 3019, 1932
- > Please observe the maximum load capacities of the outer square edge according to DIN 3123, ISO 3316

| Code    | No.       | Contents   | Pieces | kg   |
|---------|-----------|--|--------|------|
| 1729071 | S 2032-05 | Converter 2030 1/4" - 3/8" (max. 62 Nm)<br>Converter 3019 3/8" - 1/2" (max. 202 Nm)<br>Converter 1932 1/2" - 3/4" (max. 512 Nm)<br>Reducer 3020 3/8" - 1/4" (max. 62 Nm)<br>Reducer 1930 1/2" - 3/8" (max. 202 Nm) | 5      | 0,34 |

**SL 2013**

Tool holding rail, magnetic 1/4" empty



**6.3 1/4"**

- > 13 Outer square edge suitable for sockets  
Nominal size 6.3 (1/4")
- > 2 inner square adaptors for ratchets, sliding handles, extensions etc.
- > A strong magnet securely holds the socket rail to ferrous metals
- > Delivery without sockets

| Code    | No.     | ↳ mm ↳ | mm | kg    |
|---------|---------|--------|----|-------|
| 1761080 | SL 2013 | 380    | 33 | 0,355 |

**3093 U-20**

Reversible ratchet 3/8"



**10 3/8"**

- > Acc. to DIN 3122, ISO 3315
- > Fine-toothed (60 teeth), with lever change and push-button release
- > Return angle 6°
- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

| Code    | No.       | "    | "  | ° | ↳ mm ↳ | mm   | kg    |
|---------|-----------|------|----|---|--------|------|-------|
| 1556800 | 3093 U-20 | 3/8" | 10 | 6 | 200    | 29,7 | 0,292 |

**3093 U-10**

Reversible ratchet 3/8"



**10 3/8"**

- > Acc. to DIN 3122, ISO 3315
- > with push-button release
- > Return angle 11.25°
- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

| Code    | No.       | "    | "  | °  | ↳ mm ↳ | mm   | kg    |
|---------|-----------|------|----|----|--------|------|-------|
| 6236950 | 3093 U-10 | 3/8" | 10 | 11 | 200    | 30,2 | 0,254 |

**3093 U-3**

Reversible ratchet 3/8"



**10 3/8"**

- > Acc. to DIN 3122, ISO 3315
- > With non-slip metal disc change, fine-toothed (72 teeth) and robust
- > Return angle 5°
- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

| Code    | No.      | "    | "  | ° | ↳ mm ↳ | mm   | kg    |
|---------|----------|------|----|---|--------|------|-------|
| 6237090 | 3093 U-3 | 3/8" | 10 | 5 | 200    | 33,5 | 0,244 |

**3093 GU-3**

Swivel head reversible ratchet 3/8"



**10 3/8"**

- > 180° swivelling, with joint lock
- > With non-slip metal disc change, fine-toothed (72 teeth) and robust
- > Return angle 5°
- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

| Code    | No.       | "    | "  | ° | ↳ mm ↳ | mm   | kg    |
|---------|-----------|------|----|---|--------|------|-------|
| 6237170 | 3093 GU-3 | 3/8" | 10 | 5 | 282    | 33,5 | 0,525 |



**3093 Z-94**  
Ratchet handle 3/8"



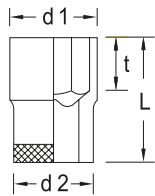
**10** **3/8"**

- > Acc. to DIN 3122, ISO 3315
- > With square coupler, medium-fine toothed, extremely rugged
- > Return angle 10°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device

| Code    | No.       | "    | "  | °  | mm  | mm | kg    |
|---------|-----------|------|----|----|-----|----|-------|
| 6237680 | 3093 Z-94 | 3/8" | 10 | 10 | 200 | 18 | 0,223 |

**30 (MM)**  
Socket 3/8"  
hexagon UD profile



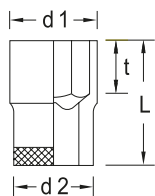
**10** **3/8"**

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

**\* not standardised**

| Code     | No.   | mm | L  | d1   | d2   | t    | kg    |
|----------|-------|----|----|------|------|------|-------|
| 6230160* | 30 6  | 6  | 28 | 9,7  | 17,5 | 5,0  | 0,024 |
| 6230240  | 30 7  | 7  | 28 | 11,0 | 17,5 | 5,0  | 0,024 |
| 6230320  | 30 8  | 8  | 28 | 12,1 | 17,5 | 9,0  | 0,028 |
| 6230400  | 30 9  | 9  | 28 | 13,5 | 17,5 | 9,0  | 0,027 |
| 6230590  | 30 10 | 10 | 28 | 14,7 | 17,5 | 9,0  | 0,028 |
| 6233850  | 30 11 | 11 | 28 | 16,0 | 17,5 | 9,0  | 0,03  |
| 6233930  | 30 12 | 12 | 28 | 17,2 | 18,3 | 9,0  | 0,033 |
| 6234070  | 30 13 | 13 | 28 | 18,5 | 17,5 | 9,0  | 0,032 |
| 6234150  | 30 14 | 14 | 29 | 19,7 | 18,4 | 11,0 | 0,038 |
| 6234230  | 30 15 | 15 | 30 | 21,0 | 19,7 | 12,5 | 0,044 |
| 6234310  | 30 16 | 16 | 30 | 22,2 | 21,0 | 12,5 | 0,049 |
| 6234580  | 30 17 | 17 | 30 | 23,5 | 22,3 | 12,5 | 0,057 |
| 6234660  | 30 18 | 18 | 23 | 24,7 | 23,0 | 12,5 | 0,062 |
| 6234740  | 30 19 | 19 | 30 | 26,0 | 23,7 | 12,5 | 0,068 |
| 6234820  | 30 20 | 20 | 31 | 27,2 | 24,5 | 12,5 | 0,078 |
| 6234900  | 30 21 | 21 | 31 | 28,5 | 25,8 | 13,5 | 0,086 |
| 6235040  | 30 22 | 22 | 32 | 29,7 | 26,3 | 14,5 | 0,092 |
| 2194783* | 30 24 | 24 | 33 | 32,0 | 28,0 | 15,5 | 0,1   |

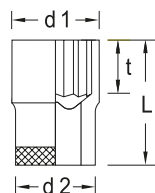
**30 (AF)**  
Socket 3/8"  
hexagon UD profile



**10** **3/8"**

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.        | "AF    | L  | d1   | d2   | t    | kg    |
|---------|------------|--------|----|------|------|------|-------|
| 6232100 | 30 1/4AF   | 1/4"   | 28 | 10,1 | 17,5 | 5,0  | 0,023 |
| 6232370 | 30 5/16AF  | 5/16"  | 28 | 12,1 | 17,5 | 9,0  | 0,025 |
| 6232450 | 30 11/32AF | 11/32" | 28 | 13,1 | 17,5 | 9,0  | 0,025 |
| 6232530 | 30 3/8AF   | 3/8"   | 28 | 14,1 | 17,5 | 9,0  | 0,026 |
| 2101025 | 30 7/16AF  | 7/16"  | 28 | 16,1 | 17,5 | 9,0  | 0,028 |
| 2101033 | 30 1/2AF   | 1/2"   | 28 | 18,1 | 19,2 | 9,0  | 0,028 |
| 2101041 | 30 9/16AF  | 9/16"  | 29 | 20,1 | 18,7 | 11,0 | 0,039 |
| 2101068 | 30 19/32AF | 19/32" | 30 | 21,0 | 19,7 | 12,5 | 0,044 |
| 2101076 | 30 5/8AF   | 5/8"   | 30 | 22,1 | 20,7 | 12,5 | 0,048 |
| 2101084 | 30 11/16AF | 11/16" | 30 | 24,0 | 22,7 | 12,5 | 0,06  |
| 2101092 | 30 3/4AF   | 3/4"   | 30 | 26,0 | 23,7 | 12,5 | 0,065 |
| 2101106 | 30 7/8AF   | 7/8"   | 32 | 30,0 | 26,5 | 14,5 | 0,12  |

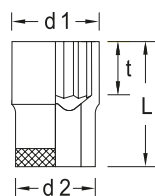
**D 30 (MM)**Socket 3/8"  
Bi-hexagon UD profile

10 3/8"

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

\* not standardised

| Code     | No.     |    | L  | d1   | d2   | t    |       |
|----------|---------|----|----|------|------|------|-------|
| 1845705* | D 30 6  | 6  | 28 | 17,5 | 9,7  | 5,0  | 0,02  |
| 1845713  | D 30 7  | 7  | 28 | 17,5 | 11,0 | 5,0  | 0,024 |
| 1845721  | D 30 8  | 8  | 28 | 17,5 | 12,1 | 9,0  | 0,026 |
| 1845748  | D 30 9  | 9  | 28 | 17,5 | 13,5 |      | 0,027 |
| 6229230  | D 30 10 | 10 | 28 | 17,5 | 14,7 | 9,0  | 0,028 |
| 6230670  | D 30 11 | 11 | 28 | 17,5 | 16,0 | 9,0  | 0,03  |
| 6230750  | D 30 12 | 12 | 28 | 18,3 | 17,2 | 9,0  | 0,032 |
| 6230830  | D 30 13 | 13 | 28 | 17,5 | 18,5 | 9,0  | 0,031 |
| 6230910  | D 30 14 | 14 | 29 | 18,4 | 19,7 | 11,0 | 0,037 |
| 6231050  | D 30 15 | 15 | 30 | 19,7 | 21,0 | 12,5 | 0,04  |
| 6231130  | D 30 16 | 16 | 30 | 21,0 | 22,2 | 12,5 | 0,049 |
| 6231210  | D 30 17 | 17 | 30 | 22,3 | 23,5 | 12,5 | 0,054 |
| 6231480  | D 30 18 | 18 | 30 | 23,0 | 24,7 | 12,5 | 0,062 |
| 6231560  | D 30 19 | 19 | 30 | 23,7 | 26,0 | 12,5 | 0,064 |
| 6231640  | D 30 20 | 20 | 31 | 24,5 | 27,2 | 12,5 | 0,074 |
| 6231720  | D 30 21 | 21 | 31 | 25,8 | 28,5 | 13,5 | 0,083 |
| 6231800  | D 30 22 | 22 | 32 | 26,3 | 29,7 | 14,5 | 0,087 |
| 2194864* | D 30 24 | 24 | 33 | 28,0 | 32,0 | 15,5 | 0,1   |

**D 30 (AF)**Socket 3/8"  
Bi-hexagon UD profile

10 3/8"

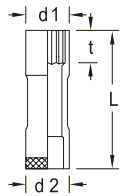
- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.          |        | L  | d1   | d2   | t    |       |
|---------|--------------|--------|----|------|------|------|-------|
| 2016613 | D 30 1/4AF   | 1/4"   | 28 | 17,5 | 10,1 | 5,0  | 0,05  |
| 2101009 | D 30 9/32AF  | 9/32"  | 28 | 17,5 | 11,1 | 5,0  | 0,02  |
| 1997122 | D 30 5/16AF  | 5/16"  | 28 | 17,5 | 12,1 | 5,0  | 0,02  |
| 2101017 | D 30 11/32AF | 11/32" | 28 | 17,5 | 13,1 | 9,0  | 0,026 |
| 1997130 | D 30 3/8AF   | 3/8"   | 28 | 17,5 | 14,1 | 9,0  | 0,01  |
| 1997149 | D 30 13/32AF | 13/32" | 28 | 17,5 | 15,0 | 9,0  | 0,03  |
| 6232610 | D 30 7/16AF  | 7/16"  | 28 | 17,5 | 16,1 | 9,0  | 0,027 |
| 6232880 | D 30 1/2AF   | 1/2"   | 28 | 19,2 | 18,1 | 9,0  | 0,034 |
| 6232960 | D 30 9/16AF  | 9/16"  | 29 | 18,7 | 20,1 | 11,0 | 0,036 |
| 6233180 | D 30 19/32AF | 19/32" | 30 | 19,7 | 21,0 | 12,5 | 0,039 |
| 6233260 | D 30 5/8AF   | 5/8"   | 30 | 20,7 | 22,1 | 12,5 | 0,044 |
| 6233340 | D 30 11/16AF | 11/16" | 30 | 22,7 | 24,0 | 12,5 | 0,053 |
| 6233420 | D 30 3/4AF   | 3/4"   | 30 | 23,7 | 26,0 | 12,5 | 0,061 |
| 1997157 | D 30 25/32AF | 25/32" | 31 | 24,3 | 27,0 | 12,5 | 0,075 |
| 1997165 | D 30 13/16AF | 13/16" | 31 | 25,3 | 28,0 | 12,5 | 0,08  |
| 6232020 | D 30 7/8AF   | 7/8"   | 32 | 26,5 | 30,0 | 14,5 | 0,082 |
| 1997173 | D 30 15/16AF | 15/16" | 33 | 28,0 | 31,9 | 15,5 | 0,11  |
| 1983296 | D 30 1AF     | 1"     | 33 | 30,0 | 33,9 | 15,5 | 0,12  |

[WWW.GEDORE.COM](http://WWW.GEDORE.COM)

**D 30 L (MM)**

Socket 3/8"  
Bi-hexagon UD profile,  
long pattern



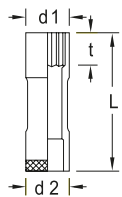
10 3/8"

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.       |    | L    | d1   | d2   | t    |       |
|---------|-----------|----|------|------|------|------|-------|
| 6258330 | D 30 L 10 | 10 | 63,5 | 17,5 | 14,7 | 11,0 | 0,053 |
| 6258410 | D 30 L 11 | 11 | 63,5 | 17,5 | 16,0 | 12,0 | 0,054 |
| 6258680 | D 30 L 12 | 12 | 63,5 | 17,5 | 17,2 | 14,0 | 0,059 |
| 6258760 | D 30 L 13 | 13 | 63,5 | 19,0 | 18,5 | 14,0 | 0,07  |
| 6258840 | D 30 L 14 | 14 | 63,5 | 19,5 | 19,7 | 17,0 | 0,076 |
| 6258920 | D 30 L 15 | 15 | 63,5 | 20,5 | 21,0 | 17,0 | 0,095 |
| 6259060 | D 30 L 16 | 16 | 63,5 | 22,0 | 22,2 | 17,0 | 0,085 |
| 6259140 | D 30 L 17 | 17 | 63,5 | 20,5 | 23,5 | 17,0 | 0,096 |
| 6259220 | D 30 L 18 | 18 | 63,5 | 21,5 | 24,7 | 20,0 | 0,113 |
| 6259300 | D 30 L 19 | 19 | 63,5 | 22,0 | 26,0 | 20,0 | 0,124 |
| 6259490 | D 30 L 20 | 20 | 63,5 | 23,5 | 27,2 | 20,0 | 0,127 |
| 6259570 | D 30 L 21 | 21 | 63,5 | 23,5 | 28,5 | 20,0 | 0,134 |
| 6259650 | D 30 L 22 | 22 | 63,5 | 23,5 | 29,7 | 23,0 | 0,136 |

**D 30 L (AF)**

Socket 3/8"  
Bi-hexagon UD profile,  
long pattern



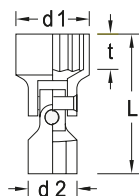
10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.            |        | L    | d1   | d2   | t    |       |
|---------|----------------|--------|------|------|------|------|-------|
| 6259730 | D 30 L 3/8AF   | 3/8"   | 63,5 | 17,5 | 14,1 | 11,0 | 0,051 |
| 6259810 | D 30 L 7/16AF  | 7/16"  | 63,5 | 17,5 | 16,1 | 12,0 | 0,053 |
| 6260070 | D 30 L 1/2AF   | 1/2"   | 63,5 | 19,0 | 18,1 | 14,0 | 0,065 |
| 6260150 | D 30 L 9/16AF  | 9/16"  | 63,5 | 19,5 | 20,1 | 17,0 | 0,073 |
| 6260230 | D 30 L 5/8AF   | 5/8"   | 63,5 | 22,0 | 22,1 | 17,0 | 0,092 |
| 6260310 | D 30 L 11/16AF | 11/16" | 63,5 | 20,5 | 24,0 | 17,0 | 0,09  |
| 6260580 | D 30 L 3/4AF   | 3/4"   | 63,5 | 22,0 | 26,0 | 20,0 | 0,109 |
| 6260660 | D 30 L 13/16AF | 13/16" | 63,5 | 23,5 | 28,3 | 20,0 | 0,132 |
| 6260740 | D 30 L 7/8AF   | 7/8"   | 63,5 | 23,5 | 30,0 | 23,0 | 0,134 |

**DG 30**

Swivel socket 3/8"  
Bi-hexagon UD profile



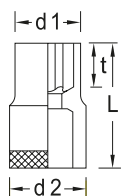
10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.      |    | L    | d1   | d2   | t    |       |
|---------|----------|----|------|------|------|------|-------|
| 6240630 | DG 30 10 | 10 | 41,5 | 14,7 | 19,0 | 8,0  | 0,042 |
| 6241520 | DG 30 13 | 13 | 42,5 | 18,5 | 19,0 | 9,0  | 0,05  |
| 6241790 | DG 30 15 | 15 | 45,5 | 21,0 | 19,0 | 11,0 | 0,048 |
| 6242410 | DG 30 18 | 18 | 46   | 24,7 | 19,0 | 12,5 | 0,063 |
| 6242680 | DG 30 19 | 19 | 46,5 | 26,0 | 19,0 | 12,5 | 0,064 |

**TX 30**

Socket 3/8"  
for protruding  
TX head screws

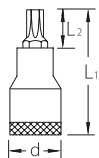


10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.       |     |         |       | L  | d1   | d2   | t   |       |
|---------|-----------|-----|---------|-------|----|------|------|-----|-------|
| 6250270 | TX 30 E5  | E5  | M4      | 4,73  | 28 | 7,2  | 17,5 | 5,0 | 0,025 |
| 6250350 | TX 30 E6  | E6  | M5      | 5,74  | 28 | 8,5  | 17,5 | 5,0 | 0,025 |
| 6250430 | TX 30 E7  | E7  | M6      | 6,16  | 28 | 9,5  | 17,5 | 5,5 | 0,025 |
| 6250510 | TX 30 E8  | E8  | M6 - M7 | 7,52  | 28 | 10,8 | 17,5 | 6,0 | 0,027 |
| 6250780 | TX 30 E10 | E10 | M8      | 9,42  | 28 | 13,2 | 17,5 | 9,0 | 0,029 |
| 6250860 | TX 30 E11 | E11 | -       | 10,08 | 28 | 13,8 | 17,5 | 9,0 | 0,03  |
| 6250940 | TX 30 E12 | E12 | M10     | 11,17 | 28 | 15,2 | 17,5 | 9,0 | 0,032 |
| 6251080 | TX 30 E14 | E14 | M12     | 12,9  | 28 | 16,8 | 17,5 | 9,0 | 0,035 |

**ITX 30**  
Screwdriver  
bit socket 3/8"  
for recessed TX head  
screws

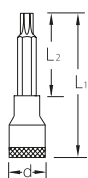


10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.        | ⊕   | M         | mm   | L1 | L2   | d    | kg    |
|---------|------------|-----|-----------|------|----|------|------|-------|
| 6246320 | ITX 30 T20 | T20 | M4 - M5   | 3,86 | 49 | 17,0 | 17,5 | 0,05  |
| 6246830 | ITX 30 T25 | T25 | M4,5 - M5 | 4,43 | 49 | 17,0 | 17,5 | 0,051 |
| 6247210 | ITX 30 T27 | T27 | M4,5 - M6 | 4,99 | 49 | 17,0 | 17,5 | 0,051 |
| 6247560 | ITX 30 T30 | T30 | M6 - M7   | 5,52 | 49 | 17,0 | 17,5 | 0,051 |
| 6247720 | ITX 30 T40 | T40 | M7 - M8   | 6,65 | 49 | 17,0 | 17,5 | 0,052 |
| 6247800 | ITX 30 T45 | T45 | M8 - M10  | 7,82 | 49 | 17,0 | 17,5 | 0,053 |
| 6247990 | ITX 30 T50 | T50 | M10       | 8,83 | 49 | 17,0 | 19   | 0,07  |

**ITX 30 L**  
Screwdriver  
bit socket 3/8"  
for recessed TX head  
screws, long pattern

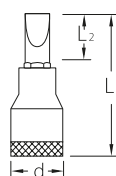


10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.          | ⊕   | M         | mm   | L1 | L2   | d    | kg    |
|---------|--------------|-----|-----------|------|----|------|------|-------|
| 1394177 | ITX 30 L T20 | T20 | M4 - M5   | 3,86 | 94 | 62,0 | 17,5 | 0,07  |
| 1394185 | ITX 30 L T25 | T25 | M4,5 - M5 | 4,43 | 94 | 62,0 | 17,5 | 0,07  |
| 1394193 | ITX 30 L T27 | T27 | M4,5 - M6 | 4,99 | 94 | 62,0 | 17,5 | 0,07  |
| 1394207 | ITX 30 L T30 | T30 | M6 - M7   | 5,52 | 94 | 62,0 | 17,5 | 0,071 |
| 1394215 | ITX 30 L T40 | T40 | M6 - M7   | 5,52 | 94 | 62,0 | 17,5 | 0,07  |
| 1394223 | ITX 30 L T45 | T45 | M8 - M10  | 7,82 | 94 | 62,0 | 17,5 | 0,071 |
| 1394231 | ITX 30 L T50 | T50 | M10       | 8,83 | 94 | 62,0 | 19   | 0,099 |

**IS 30**  
Screwdriver  
bit socket 3/8"  
for slotted head screws

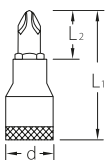


10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated
- > Blade tip acc. to DIN ISO 2380-1 Form B

| Code    | No.           | mm   | mm  | L1 | L2   | d    | kg    |
|---------|---------------|------|-----|----|------|------|-------|
| 6666100 | IS 30 5,5X1   | 5,5  | 1,0 | 55 | 27,0 | 17,5 | 0,04  |
| 1640895 | IS 30 6,5X1,2 | 6,5  | 1,2 | 55 | 27,0 | 17,5 | 0,039 |
| 6666290 | IS 30 8X1,2   | 8,0  | 1,2 | 55 | 23,0 | 17,5 | 0,054 |
| 6666370 | IS 30 10X1,6  | 10,0 | 1,6 | 55 | 23,0 | 19   | 0,072 |
| 1640909 | IS 30 12X2    | 12,0 | 2,0 | 55 | 23,0 | 20,5 | 0,083 |

**IKS 30**  
Screwdriver  
bit socket 3/8"  
for cross-head screws  
PH

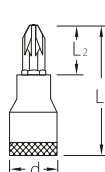


10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN ISO 8764-1 PH

| Code    | No.      | ⊕ PH | L1 | L2   | d    | kg    |
|---------|----------|------|----|------|------|-------|
| 6666610 | IKS 30 1 | 1    | 55 | 27,0 | 17,5 | 0,041 |
| 6666880 | IKS 30 2 | 2    | 55 | 23,0 | 17,5 | 0,052 |
| 6666960 | IKS 30 3 | 3    | 55 | 23,0 | 19   | 0,07  |

**IKS 30 PZD**  
Screwdriver  
bit socket 3/8"  
for cross-head screws  
Pozi PZ



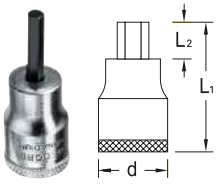
10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN ISO 8764-1 PZ

| Code    | No.          | ⊕ PZ | L1 | L2   | d    | kg    |
|---------|--------------|------|----|------|------|-------|
| 1640968 | IKS 30 PZD 1 | 1    | 55 | 27,0 | 17,5 | 0,04  |
| 1640976 | IKS 30 PZD 2 | 2    | 55 | 23,0 | 17,5 | 0,051 |
| 1640984 | IKS 30 PZD 3 | 3    | 55 | 23,0 | 19   | 0,069 |

**IN 30 (MM)**

Screwdriver bit socket 3/8" for in-hex screws, long pattern



10 3/8"

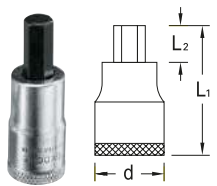
- > Acc. to DIN 7422
- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

**\* not standardised**

| Code     | No.      | mm | L1 | L2   | d    | kg    |
|----------|----------|----|----|------|------|-------|
| 6241010  | IN 30 4  | 4  | 47 | 19,0 | 17,5 | 0,038 |
| 6241280  | IN 30 5  | 5  | 47 | 19,0 | 17,5 | 0,039 |
| 6241360  | IN 30 6  | 6  | 47 | 19,0 | 17,5 | 0,041 |
| 1643037* | IN 30 7  | 7  | 47 | 19,0 | 17,5 | 0,041 |
| 6241440  | IN 30 8  | 8  | 49 | 17,0 | 17,5 | 0,053 |
| 6242920  | IN 30 10 | 10 | 49 | 17,0 | 19   | 0,073 |

**IN 30 (AF)**

Screwdriver bit socket 3/8" for in-hex screws



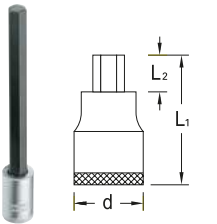
10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.          | L1 | L2   | d    | kg    |
|---------|--------------|----|------|------|-------|
| 2195208 | IN 30 1/8AF  | 47 | 19,0 | 17,5 | 0,035 |
| 2195232 | IN 30 5/32AF | 47 | 19,0 | 17,5 | 0,04  |
| 2195267 | IN 30 3/16AF | 47 | 19,0 | 17,5 | 0,04  |
| 1193422 | IN 30 1/4AF  | 47 | 19,0 | 17,5 | 0,049 |
| 1193431 | IN 30 5/16AF | 49 | 17,0 | 17,5 | 0,05  |
| 1193449 | IN 30 3/8AF  | 49 | 17,0 | 19   | 0,05  |

**IN 30 L**

Screwdriver bit socket 3/8" for in-hex screws, long pattern



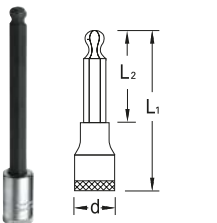
10 3/8"

- > Acc. to DIN 7422
- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.        | mm | L1 | L2   | d    | kg    |
|---------|------------|----|----|------|------|-------|
| 1510118 | IN 30 L 4  | 4  | 95 | 67,0 | 17,5 | 0,044 |
| 1394347 | IN 30 L 5  | 5  | 95 | 67,0 | 17,5 | 0,048 |
| 1394355 | IN 30 L 6  | 6  | 95 | 67,0 | 17,5 | 0,053 |
| 1394363 | IN 30 L 7  | 7  | 95 | 67,0 | 17,5 | 0,058 |
| 1394371 | IN 30 L 8  | 8  | 95 | 63,0 | 17,5 | 0,074 |
| 1394398 | IN 30 L 10 | 10 | 95 | 63,0 | 17,5 | 0,105 |

**IN 30 LK**

Screwdriver bit socket 3/8"



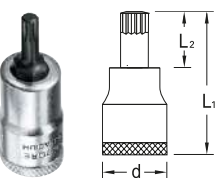
10 3/8"

- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated
- > Total swivel angle approx. 15-20°

| Code    | No.         | mm | L1  | L2    | d    | kg    |
|---------|-------------|----|-----|-------|------|-------|
| 1505718 | IN 30 LK 4  | 4  | 132 | 104,0 | 17,5 | 0,048 |
| 1505726 | IN 30 LK 5  | 5  | 132 | 104,0 | 17,5 | 0,054 |
| 1505742 | IN 30 LK 6  | 6  | 132 | 104,0 | 17,5 | 0,061 |
| 1505750 | IN 30 LK 8  | 8  | 132 | 102,0 | 17,5 | 0,091 |
| 1505769 | IN 30 LK 10 | 10 | 134 | 102,0 | 19   | 0,13  |

**INX 30**

Screwdriver bit socket 3/8" for multi-point screws XZN



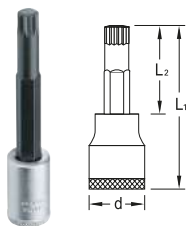
10 3/8"

- > Design according to DIN 2324
- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN 2325

| Code    | No.       | mm  | L1 | L2   | d    | kg    |
|---------|-----------|-----|----|------|------|-------|
| 6242170 | INX 30 5  | M5  | 49 | 17,0 | 17,5 | 0,05  |
| 6242250 | INX 30 6  | M6  | 49 | 17,0 | 17,5 | 0,051 |
| 6242330 | INX 30 8  | M8  | 49 | 17,0 | 17,5 | 0,053 |
| 2194872 | INX 30 10 | M10 | 49 | 17,0 | 19   | 0,078 |



**INX 30 L**  
Screwdriver  
bit socket 3/8"  
for multi-point screws  
XZN, long pattern



**10** **3/8"**

- > Design according to DIN 2324
- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN 2325

| Code           | No.         |     | L1 | L2   | d    |       |
|----------------|-------------|-----|----|------|------|-------|
| <b>1394312</b> | INX 30 L 6  | M6  | 94 | 62,0 | 17,5 | 0,068 |
| <b>1394320</b> | INX 30 L 8  | M8  | 94 | 62,0 | 17,5 | 0,071 |
| <b>1394339</b> | INX 30 L 10 | M10 | 94 | 62,0 | 19   | 0,079 |

**30 JMU / D 30 JMU**  
Socket set 3/8"  
16 pieces



**10** **3/8"**

- > With hand-operated 6-sided UD profile (No. 30) or 12-sided UD profile (No. D 30) sockets
- > With operating tools
- > With robust lever-change reversible ratchet
- > In GEDORE blue sheet steel case

| Code           | No.         | Contents  | Pieces |     |
|----------------|-------------|---|--------|-----|
| <b>2682885</b> | 30 JMU-10   | reversible ratchet 3/8" No. 3093 U-10<br>Socket wrench insert 3/8" hexagon UD profile No. 30<br>6 7 8 9 10 11 12 13 14 15 16 17 18 19<br>Extension 3/8" No. 3090-5    | 16     | 2,2 |
| <b>2682893</b> | D 30 JMU-10 | reversible ratchet 3/8" No. 3093 U-10<br>Socket wrench insert 3/8" 12-point UD profile No. D 30<br>6 7 8 9 10 11 12 13 14 15 16 17 18 19<br>Extension 3/8" No. 3090-5 | 16     | 2,3 |

**30 HMU / D 30 HMU**  
Socket set 3/8"  
22 pieces



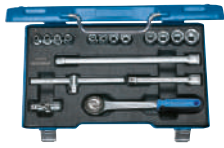
**10** **3/8"**

- > With hand-operated 6-sided UD profile (No. 30) or 12-sided UD profile (No. D 30) sockets
- > With operating tools
- > Set U-3 with fine toothed, dial change ratchet
- > Set U-10 with reversible lever change ratchet
- > In GEDORE blue sheet steel case

| Code           | No.         | Contents   | Pieces |     |
|----------------|-------------|--|--------|-----|
| <b>6238300</b> | 30 HMU-3    | reversible ratchet 3/8" No. 3093 U-3<br>Socket wrench insert 3/8" hexagon UD profile No. 30<br>6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22<br>Cross handle 3/8" No. 3087<br>Extension 3/8" No. 3090-5 -10<br>Cardan joint 3/8" No. 3095     | 22     | 3   |
| <b>6235470</b> | 30 HMU-10   | reversible ratchet 3/8" No. 3093 U-10<br>Socket wrench insert 3/8" hexagon UD profile No. 30<br>6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22<br>Cross handle 3/8" No. 3087<br>Extension 3/8" No. 3090-5 -10<br>Cardan joint 3/8" No. 3095    | 22     | 3   |
| <b>6240470</b> | D 30 HMU-3  | reversible ratchet 3/8" No. 3093 U-3<br>Socket wrench insert 3/8" 12-point UD profile No. D 30<br>6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22<br>Cross handle 3/8" No. 3087<br>Extension 3/8" No. 3090-5 -10<br>Cardan joint 3/8" No. 3095  | 22     | 3,1 |
| <b>6239700</b> | D 30 HMU-10 | reversible ratchet 3/8" No. 3093 U-10<br>Socket wrench insert 3/8" 12-point UD profile No. D 30<br>6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22<br>Cross handle 3/8" No. 3087<br>Extension 3/8" No. 3090-5 -10<br>Cardan joint 3/8" No. 3095 | 22     | 3,1 |


**30 GMU / D 30 GMU**

Socket set 3/8"  
17 pieces



**10** **3/8"**

- > With hand-operated 6-sided UD profile (No. 30) or 12-sided UD profile (No. D 30) sockets
- > With operating tools
- > Set U-3 with fine toothed, dial change ratchet
- > Set U-10 with reversible lever change ratchet
- > In GEDORE blue sheet steel case

| Code           | No.         | Contents  | Pieces |  |
|----------------|-------------|---|--------|---|
| <b>6235980</b> | 30 GMU-3    | reversible ratchet 3/8" No. 3093 U-3<br>Socket wrench insert 3/8" hexagon UD profile No. 30<br>6 7 8 9 10 11 13 14 15 16 17 19<br>Cross handle 3/8" No. 3087<br>Extension 3/8" No. 3090-5 -10<br>Cardan joint 3/8" No. 3095     | 17     | 2,6   |
| <b>6235710</b> | 30 GMU-10   | reversible ratchet 3/8" No. 3093 U-10<br>Socket wrench insert 3/8" hexagon UD profile No. 30<br>6 7 8 9 10 11 13 14 15 16 17 19<br>Cross handle 3/8" No. 3087<br>Extension 3/8" No. 3090-5 -10<br>Cardan joint 3/8" No. 3095    | 17     | 2,6   |
| <b>6240200</b> | D 30 GMU-3  | reversible ratchet 3/8" No. 3093 U-3<br>Socket wrench insert 3/8" 12-point UD profile No. D 30<br>6 7 8 9 10 11 13 14 15 16 17 19<br>Cross handle 3/8" No. 3087<br>Extension 3/8" No. 3090-5 -10<br>Cardan joint 3/8" No. 3095  | 17     | 2,7   |
| <b>6239380</b> | D 30 GMU-10 | reversible ratchet 3/8" No. 3093 U-10<br>Socket wrench insert 3/8" 12-point UD profile No. D 30<br>6 7 8 9 10 11 13 14 15 16 17 19<br>Cross handle 3/8" No. 3087<br>Extension 3/8" No. 3090-5 -10<br>Cardan joint 3/8" No. 3095 | 17     | 2,7   |


**30 IMU-10**

Socket set 3/8"  
26 pieces



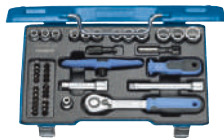
**10** **3/8"**

- > With hand-operated hexagonal UD profile sockets
- > With operating tools
- > Set U-3 with fine toothed, dial change ratchet
- > Set U-10 with reversible lever change ratchet
- > In GEDORE blue sheet steel case

| Code           | No.       | Contents  | Pieces |  |
|----------------|-----------|---|--------|---|
| <b>6229740</b> | 30 IMU-10 | reversible ratchet 3/8" No. 3093 U-10<br>Socket wrench insert 3/8" hexagon UD profile No. D 30<br>6 7 8 9 10 11 12 13 14 15 16 17 19<br>Screwdriver bit socket 3/8" for slotted screws No. IS 30<br>5.5x1 8x1.2<br>Screwdriver bit socket 3/8" for hexagon socket screws<br>No. IN 30 4 5 6<br>Screwdriver bit socket 3/8" for cross-head screws PH<br>No. IKS 30 PH 2 3<br>Cross handle 3/8" No. 3087<br>Extension 3/8" No. 3090-5 -10<br>Cardan joint 3/8" No. 3095 | 26     | 3,1   |


**D 30 KMU-20**

Socket set 3/8"  
40 pieces

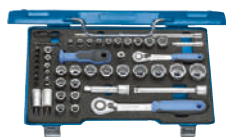


**10** **3/8"**

- > With hand operated 12-point UD profile sockets
- > With operating tools
- > With robust lever-operated reversible ratchet and cross-handle ratchet
- > In GEDORE blue sheet steel case

| Code           | No.         | Contents   | Pieces |  |
|----------------|-------------|--|--------|---|
| <b>1973347</b> | D 30 KMU-20 | reversible ratchet 3/8" No. 3093 U-20<br>reversible ratchet 3/8" No. 3093 U-3 T<br>Socket wrench insert 3/8" 12-point UD profile No. 30<br>8 9 10 11 12 13 14 15 16 17 18 19<br>Screwdriver bit 1/4" for slotted screws No. 680<br>4 5 5 6 5<br>Screwdriver bit 1/4" for hexagon socket screws No. 685<br>3 4 5 6<br>Screwdriver bit 1/4" for multi-tooth socket screws XZN<br>No. 685 X 5 6 8<br>Screwdriver bit 1/4" for recessed TX screws No. 687 TX T10<br>T15 T20 T25 T27 T30<br>Screwdriver bit 1/4" for cross-head screws PH No. 690 1 2<br>Screwdriver bit 1/4" for cross-head screws PZ No. 690 PZD 1 2<br>Cardan extension 3/8" No. 3090 KR-3<br>Extension 3/8" No. 3090-5<br>Bit adapter No. 630<br>Insert holder No. 673 10<br>Multi-handle No. 676<br>Bit holder for machine screwdriver No. 699 | 40     | 2,6   |

**D 30 TX20 U-20**  
Socket set 3/8" + 1/4"  
50 pieces



**10** **3/8"** **6.3** **1/4"**

- > Tool set for general industrial and automotive applications
- > Inserts 3/8" and 1/4" for inside and outside TX screws
- > With robust lever-change reversible ratchets, with push-button release
- > In GEDORE blue sheet steel case with Check-Tool insert

| Code           | No.            | Contents  | Pieces |     |
|----------------|----------------|---|--------|-----|
| <b>2075695</b> | D 30 TX20 U-20 | reversible ratchet 3/8" No. 3093 U-20<br>Reversible ratchet 1/4" No. 2093 U-20<br>Socket wrench insert 3/8" 12-point UD profile No. D 30 10 11 12 13 14 15 16 17 18 19 21 22<br>Socket wrench socket 3/8" for outdoor TX screws No. TX 30 E11 E12 E14<br>Screwdriver bit socket 3/8" for recessed TX screws No. ITX 30 T45 T50<br>Socket wrench insert 1/4" 12-point UD profile No. D 20 4 5 5.6 7 8 9 10 12 13<br>Socket wrench insert 1/4" for external TX screws No. TX 20 E5 E6 E7 E8 E10<br>Screwdriver bit 1/4" for inside TX screws No. 687 TX T10 T15 T20 T25 T27 T30 T40<br>Cardan extension 3/8" No. 3090 KR-3<br>Extension 3/8" No. 3090-5<br>Cardan extension 1/4" No. 2090 KR-5<br>Extension 1/4" No. 2090-6<br>Bit adapter No. 620 Insert holder No. 673 6.3 10<br>Multi-handle No. 676<br>Bit holder for machine screwdriver No. 699 | 50     | 3,2 |

**IN 30 LKM**  
Screwdriver set 3/8"  
10 pieces



**10** **3/8"**

- > for in-hex screws, short and long pattern
- > In plastic case

| Code           | No.       | Contents   | Pieces |       |
|----------------|-----------|--|--------|-------|
| <b>1509918</b> | IN 30 LKM | Screwdriver bit socket 3/8" for hexagon socket screws No. IN 30 4 5 6 8 10<br>Screwdriver bit socket 3/8" for in-hex screws, long No. IN 30 L 4 5 6 8 10 | 10     | 0,761 |

**ITX 30 PM**  
Screwdriver set 3/8"  
7 pieces



**10** **3/8"**

- > for recessed TX head screws
- > In plastic case

| Code           | No.       | Contents  | Pieces |       |
|----------------|-----------|---|--------|-------|
| <b>1509926</b> | ITX 30 PM | Screwdriver bit socket 3/8" for recessed TX screws No. ITX 30 T20 T25 T27 T30 T40 T45 T50 | 7      | 0,627 |

**ITX 30 TX-015**  
Screwdriver set 3/8"  
15 pieces



**10** **3/8"**

- > For protruding and recessed TX screws
- > In plastic case

| Code           | No.           | Contents  | Pieces |       |
|----------------|---------------|---|--------|-------|
| <b>1509942</b> | ITX 30 TX-015 | Screwdriver bit socket 3/8" for recessed TX screws No. ITX 30 T20 T25 T27 T30 T40 T45 T50<br>Socket wrench insert 3/8" for external TX screws No. TX 30 E5 E6 E7 E8 E10 E11 E12 E14 | 15     | 0,801 |

**3098**  
Swivel handle 3/8"



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

| Code           | No.  | "    | mm | mm  |       |
|----------------|------|------|----|-----|-------|
| <b>6182410</b> | 3098 | 3/8" | 10 | 450 | 0,364 |

Operating tools and accessories

**3096**  
Swivel handle 3/8"



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

| Code           | No.  | "    | mm | mm  | kg    |
|----------------|------|------|----|-----|-------|
| <b>6238220</b> | 3096 | 3/8" | 10 | 254 | 0,201 |

**3087**  
Sliding T bar 3/8"



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

| Code           | No.  | "    | mm | mm  | kg    |
|----------------|------|------|----|-----|-------|
| <b>6236520</b> | 3087 | 3/8" | 10 | 163 | 0,164 |

**3081**  
L-handle 3/8"



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

| Code           | No.  | "    | mm | mm  | kg    |
|----------------|------|------|----|-----|-------|
| <b>6236360</b> | 3081 | 3/8" | 10 | 180 | 0,153 |

**3090**  
Extension 3/8"



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

| Code            | No.     | "    | mm | mm  | kg    |
|-----------------|---------|------|----|-----|-------|
| <b>1476637*</b> | 3090-2  | 3/8" | 10 | 50  | 0,063 |
| <b>6236600</b>  | 3090-3  | 3/8" | 10 | 76  | 0,093 |
| <b>6236790</b>  | 3090-5  | 3/8" | 10 | 125 | 0,117 |
| <b>1476645*</b> | 3090-7  | 3/8" | 10 | 180 | 0,164 |
| <b>6236870</b>  | 3090-10 | 3/8" | 10 | 250 | 0,222 |
| <b>6238570*</b> | 3090-12 | 3/8" | 10 | 305 | 0,287 |
| <b>1476653*</b> | 3090-20 | 3/8" | 10 | 500 | 0,524 |

**3090 KR**  
Universal extension 3/8"



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

| Code           | No.        | "    | mm | mm  | kg    |
|----------------|------------|------|----|-----|-------|
| <b>1874381</b> | 3090 KR-3  | 3/8" | 10 | 76  | 0,08  |
| <b>1845756</b> | 3090 KR-5  | 3/8" | 10 | 125 | 0,108 |
| <b>1845764</b> | 3090 KR-10 | 3/8" | 10 | 250 | 0,197 |

**3095**  
Universal joint 3/8"



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

| Code           | No.  | "    | mm   | "    | mm | mm | kg    |
|----------------|------|------|------|------|----|----|-------|
| <b>6238140</b> | 3095 | 3/8" | 10,0 | 3/8" | 10 | 50 | 0,053 |

**3090 M**  
Extension 3/8"  
with holding magnet



- > For hand-operated sockets with through hole and square drive according to DIN 3120, ISO 1174, with ball locking device
- > One-hand operation - the screw or nut can be screwed in immediately with the socket wrench insert
- > A strong permanent magnet keeps hold of even large screws
- > Especially suitable for work in confined spaces

| Code           | No.    | "    | mm | mm | kg    |
|----------------|--------|------|----|----|-------|
| <b>2960060</b> | 3090 M | 3/8" | 10 | 65 | 0,065 |

**3094**  
coupler 3/8"



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

| Code           | No.  | "    | mm | mm | kg   |
|----------------|------|------|----|----|------|
| <b>6237760</b> | 3094 | 3/8" | 10 | 29 | 0,02 |

**3019**  
Convertor  
3/8" to 1/2"



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

| Code           | No.  | "    | mm   | "    | mm   | mm | kg    |
|----------------|------|------|------|------|------|----|-------|
| <b>6236010</b> | 3019 | 3/8" | 10,0 | 1/2" | 12,5 | 35 | 0,053 |

**3020**  
Reducer  
3/8" to 1/4"



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

| Code           | No.  | "    | mm   | "    | mm  | mm | kg    |
|----------------|------|------|------|------|-----|----|-------|
| <b>6236280</b> | 3020 | 3/8" | 10,0 | 1/4" | 6,3 | 28 | 0,026 |



**SL 3014**

Tool holding rail, magnetic 3/8" empty



- > 14 Outer square edge suitable for sockets nominal size 10 (3/8")
- > Two female square adaptors to take ratchets, sliding T bars, extensions etc.

- > A strong magnet securely holds the socket rail to ferrous metals
- > Delivery without tools

| Code    | No.     | mm  | mm | kg    |
|---------|---------|-----|----|-------|
| 1761099 | SL 3014 | 480 | 33 | 0,479 |

**VH 30**

Spring steel socket rail 3/8"



- > For 14 socket wrench inserts nominal size 10 (3/8")
- > Delivery without tools

| Code    | No.   | mm  | mm | kg    |
|---------|-------|-----|----|-------|
| 5164810 | VH 30 | 405 |    | 0,067 |

**1993 U-20 G**

Reversible ratchet 1/2" with offset handle



- > Acc. to DIN 3122, ISO 3315
- > Fine-toothed (60 teeth), with lever change and push-button release
- > Return angle 6°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.         | "    | mm   | ° | mm  | mm   | kg   |
|---------|-------------|------|------|---|-----|------|------|
| 2746786 | 1993 U-20 G | 1/2" | 12,5 | 6 | 270 | 37,5 | 0,54 |

**1993 U-20**

Reversible ratchet 1/2"



- > Acc. to DIN 3122, ISO 3315
- > Fine-toothed (60 teeth), with lever change and push-button release
- > Return angle 6°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.       | "    | mm   | ° | mm  | mm   | kg    |
|---------|-----------|------|------|---|-----|------|-------|
| 1436686 | 1993 U-20 | 1/2" | 12,5 | 6 | 270 | 37,5 | 0,536 |

**1993 U-10 L**

Reversible ratchet 1/2" Long pattern



- > Acc. to DIN 3122, ISO 3315
- > with push-button release
- > Return angle 7.5°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.         | "    | mm   | °   | mm  | mm | kg   |
|---------|-------------|------|------|-----|-----|----|------|
| 6154550 | 1993 U-10 L | 1/2" | 12,5 | 7,5 | 350 |    | 0,62 |

**1993 U-10 T**  
Reversible ratchet 1/2"



**1/2"** **12,5**

- > Acc. to DIN 3122, ISO 3315
- > with push-button release
- > Return angle 7.5°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.         | "    | "    | °   | mm  | mm | kg    |
|---------|-------------|------|------|-----|-----|----|-------|
| 6142620 | 1993 U-10 T | 1/2" | 12,5 | 7,5 | 270 | 39 | 0,598 |

**1993 ALU-10**  
Aluminium reversible ratchet 1/2"



**1/2"** **12,5**

- > Forged and hardened from special aluminium
- > with push-button release
- > Return angle 7.5°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.         | "    | "    | ° | mm  | mm | kg   |
|---------|-------------|------|------|---|-----|----|------|
| 6142700 | 1993 ALU-10 | 1/2" | 12,5 | 8 | 270 | 39 | 0,34 |

**1993 U-3**  
Reversible ratchet 1/2"



**1/2"** **12,5**

- > Acc. to DIN 3122, ISO 3315
- > With non-slip metal disc change, fine-toothed (72 teeth) and robust
- > Return angle 5°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.      | "    | "    | ° | mm  | mm   | kg    |
|---------|----------|------|------|---|-----|------|-------|
| 6144240 | 1993 U-3 | 1/2" | 12,5 | 5 | 270 | 40,5 | 0,476 |

**1993 GU-3**  
Swivel head reversible ratchet 1/2"



**1/2"** **12,5**

- > 180° swivelling, with joint lock
- > With non-slip metal, fine-toothed (72 teeth) and robust
- > Return angle 5°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.       | "    | "    | ° | mm  | mm   | kg    |
|---------|-----------|------|------|---|-----|------|-------|
| 6144320 | 1993 GU-3 | 1/2" | 12,5 | 5 | 282 | 40,5 | 0,535 |

**1993 TU-10**  
Telescopic reversible ratchet 1/2"



**1/2"** **12,5**

- > Long lever arm for high torques, max. torque 600 N·m
- > with push-button release
- > Return angle 7.5°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.        | "    | "    | °   | mm      | kg   |
|---------|------------|------|------|-----|---------|------|
| 3041859 | 1993 TU-10 | 1/2" | 12,5 | 7,5 | 400-600 | 1,31 |

### 1993 GU-10 XL

Swivel head reversible ratchet 1/2" extra long



- > Extra long design
- > 180° pivotable
- > with push-button release
- > Return angle 7.5°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.           | 1/2" | 12,5 | 7,5° | 600 | 1,16 |
|---------|---------------|------|------|------|-----|------|
| 2018934 | 1993 GU-10 XL | 1/2" | 12,5 | 7,5  | 600 | 1,16 |

### 1993 Z-94

Ratchet handle 1/2"



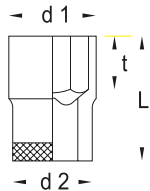
- > Acc. to DIN 3122, ISO 3315
- > With square coupler, medium-fine toothed, extremely rugged
- > Return angle 7.5°

- > For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174, ball locking device

| Code    | No.       | 1/2" | 12,5 | 7,5° | 270 | 21,9 | 0,476 |
|---------|-----------|------|------|------|-----|------|-------|
| 6144590 | 1993 Z-94 | 1/2" | 12,5 | 7,5  | 270 | 21,9 | 0,476 |

### 19

Socket 1/2" hexagon UD profile

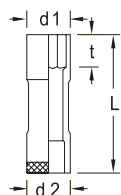


- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

\* not standardised

| Code     | No.   | mm | L    | d1   | d2   | t    | kg    |
|----------|-------|----|------|------|------|------|-------|
| 6130020  | 19 8  | 8  | 38   | 13,0 | 22,5 | 15,0 | 0,055 |
| 6130100* | 19 9  | 9  | 38   | 14,2 | 22,5 | 15,0 | 0,056 |
| 6130290  | 19 10 | 10 | 38   | 15,5 | 22,5 | 13,5 | 0,056 |
| 6130370  | 19 11 | 11 | 38   | 16,7 | 22,5 | 12,5 | 0,058 |
| 6130450  | 19 12 | 12 | 38   | 18,0 | 22,5 | 12,5 | 0,058 |
| 6130530  | 19 13 | 13 | 38   | 19,2 | 22,5 | 12,5 | 0,061 |
| 6130610  | 19 14 | 14 | 38   | 20,5 | 22,5 | 12,5 | 0,063 |
| 6130880  | 19 15 | 15 | 39,5 | 21,7 | 23,8 | 15,0 | 0,074 |
| 6130960  | 19 16 | 16 | 39,5 | 22,5 | 23,8 | 15,0 | 0,075 |
| 6131180  | 19 17 | 17 | 39,5 | 24,0 | 22,5 | 15,0 | 0,074 |
| 6131260  | 19 18 | 18 | 23   | 25,5 | 23,0 | 17,0 | 0,073 |
| 6131340  | 19 19 | 19 | 40   | 26,7 | 24,2 | 17,0 | 0,085 |
| 6131420  | 19 20 | 20 | 40   | 28,0 | 25,5 | 17,0 | 0,096 |
| 6131500  | 19 21 | 21 | 41,5 | 29,2 | 26,0 | 18,5 | 0,106 |
| 6131690  | 19 22 | 22 | 41,5 | 30,5 | 26,3 | 18,5 | 0,112 |
| 6131770* | 19 23 | 23 | 41,5 | 31,7 | 27,5 | 18,5 | 0,122 |
| 6131850  | 19 24 | 24 | 41,5 | 33,0 | 28,0 | 18,5 | 0,132 |
| 6131930* | 19 25 | 25 | 41,5 | 34,2 | 28,8 | 18,5 | 0,139 |
| 6132070* | 19 26 | 26 | 41,5 | 35,5 | 29,4 | 18,5 | 0,148 |
| 6132150  | 19 27 | 27 | 41,5 | 36,7 | 30,0 | 18,5 | 0,157 |
| 6132230* | 19 28 | 28 | 43   | 38,0 | 30,5 | 20,0 | 0,168 |
| 6132310* | 19 29 | 29 | 43   | 39,2 | 31,2 | 20,0 | 0,181 |
| 6132580  | 19 30 | 30 | 43   | 40,5 | 32,5 | 20,5 | 0,193 |
| 6132740  | 19 32 | 32 | 44,5 | 43,0 | 34,5 | 22,5 | 0,226 |
| 2545306* | 19 33 | 33 | 44,5 | 44,2 | 36,0 | 22,5 | 0,226 |
| 6138270* | 19 34 | 34 | 44,5 | 45,5 | 37,0 | 22,5 | 0,259 |
| 1718711* | 19 36 | 36 | 44,5 | 48,0 | 38,0 | 22,5 | 0,271 |

**19 L**  
Socket 1/2"  
hexagon UD-profile,  
long pattern

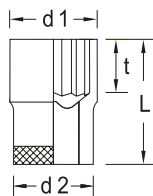


12,5 1/2"

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.     | mm | L  | d1   | d2   | t    | kg    |
|---------|---------|----|----|------|------|------|-------|
| 1718738 | 19 L 10 | 10 | 77 | 15,5 | 22,5 | 12,0 | 0,117 |
| 1718746 | 19 L 11 | 11 | 77 | 16,7 | 22,5 | 13,0 | 0,121 |
| 1718754 | 19 L 12 | 12 | 77 | 18,0 | 22,5 | 14,0 | 0,127 |
| 1718762 | 19 L 13 | 13 | 77 | 19,2 | 22,5 | 16,0 | 0,098 |
| 1718770 | 19 L 14 | 14 | 77 | 20,5 | 22,5 | 16,5 | 0,109 |
| 1718789 | 19 L 15 | 15 | 77 | 21,7 | 22,5 | 16,5 | 0,117 |
| 1718800 | 19 L 16 | 16 | 77 | 23,0 | 24,0 | 16,5 | 0,13  |
| 1718819 | 19 L 17 | 17 | 77 | 24,0 | 24,0 | 16,5 | 0,132 |
| 1718827 | 19 L 18 | 18 | 82 | 25,5 | 25,0 | 20,0 | 0,147 |
| 1718835 | 19 L 19 | 19 | 82 | 26,7 | 26,0 | 22,0 | 0,174 |
| 2300559 | 19 L 21 | 21 | 82 | 29,2 | 28,5 | 24,0 | 0,211 |
| 2300567 | 19 L 22 | 22 | 82 | 30,5 | 28,5 | 24,0 | 0,219 |
| 2300575 | 19 L 24 | 24 | 82 | 33,0 | 29,0 | 26,0 | 0,257 |
| 2300583 | 19 L 27 | 27 | 82 | 36,7 | 30,0 | 30,0 | 0,29  |
| 2300591 | 19 L 30 | 30 | 82 | 40,5 | 32,5 | 33,0 | 0,351 |
| 2300605 | 19 L 32 | 32 | 82 | 43,0 | 34,5 | 36,0 | 0,387 |
| 2300613 | 19 L 34 | 34 | 82 | 45,5 | 36,5 | 37,0 | 0,432 |

**D 19 (MM)**  
Socket 1/2"  
Bi-hexagon UD profile



12,5 1/2"

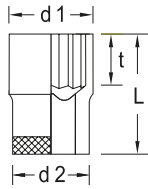
- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

**\* not standardised**

| Code     | No.     | mm | L    | d1   | d2   | t    | kg    |
|----------|---------|----|------|------|------|------|-------|
| 6133040  | D 19 8  | 8  | 38   | 22,5 | 13,0 | 7,0  | 0,051 |
| 6133120* | D 19 9  | 9  | 38   | 22,5 | 14,2 | 8,0  | 0,052 |
| 6133200  | D 19 10 | 10 | 38   | 22,5 | 15,5 | 13,5 | 0,056 |
| 6133390  | D 19 11 | 11 | 38   | 22,5 | 16,7 | 12,5 | 0,057 |
| 6133470  | D 19 12 | 12 | 38   | 22,5 | 18,0 | 12,5 | 0,057 |
| 6133550  | D 19 13 | 13 | 38   | 22,5 | 19,2 | 12,5 | 0,059 |
| 6133630  | D 19 14 | 14 | 38   | 22,5 | 20,5 | 12,5 | 0,061 |
| 6133710  | D 19 15 | 15 | 39,5 | 23,8 | 21,7 | 15,0 | 0,072 |
| 6133980  | D 19 16 | 16 | 39,5 | 23,8 | 22,5 | 15,0 | 0,072 |
| 6134010  | D 19 17 | 17 | 39,5 | 22,5 | 24,0 | 15,0 | 0,07  |
| 6134280  | D 19 18 | 18 | 39,5 | 23,0 | 25,5 | 17,0 | 0,068 |
| 6134360  | D 19 19 | 19 | 40   | 24,2 | 26,7 | 17,0 | 0,081 |
| 6134440  | D 19 20 | 20 | 40   | 25,5 | 28,0 | 17,0 | 0,09  |
| 6134520  | D 19 21 | 21 | 41,5 | 26,0 | 29,2 | 18,5 | 0,101 |
| 6134600  | D 19 22 | 22 | 41,5 | 26,3 | 30,5 | 18,5 | 0,106 |
| 6134790* | D 19 23 | 23 | 41,5 | 27,5 | 31,7 | 18,5 | 0,118 |
| 6134870  | D 19 24 | 24 | 41,5 | 28,0 | 33,0 | 18,5 | 0,123 |
| 6134950* | D 19 25 | 25 | 41,5 | 28,8 | 34,2 | 18,5 | 0,131 |
| 6135090* | D 19 26 | 26 | 41,5 | 29,4 | 35,5 | 18,5 | 0,139 |
| 6135170  | D 19 27 | 27 | 41,5 | 30,0 | 36,7 | 18,5 | 0,143 |
| 6135250* | D 19 28 | 28 | 43   | 30,5 | 38,0 | 20,0 | 0,163 |
| 6135330* | D 19 29 | 29 | 43   | 31,2 | 39,2 | 20,0 | 0,168 |
| 6135410  | D 19 30 | 30 | 43   | 32,5 | 40,5 | 20,5 | 0,182 |
| 6135760  | D 19 32 | 32 | 44,5 | 34,5 | 43,0 | 22,5 | 0,204 |
| 6135840* | D 19 33 | 33 | 44,5 | 36,0 | 44,2 | 22,5 | 0,221 |
| 2545314* | D 19 34 | 34 | 44,5 | 37,0 | 45,5 | 22,5 | 0,23  |
| 2194686* | D 19 36 | 36 | 44,5 | 38,0 | 48,0 | 22,5 | 0,271 |

**D 19 (AF)**

Socket 1/2"  
Bi-hexagon UD profile



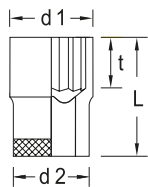
12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.           |         | L    | d1   | d2   | t    |       |
|---------|---------------|---------|------|------|------|------|-------|
| 6136060 | D 19 5/16AF   | 5/16"   | 38   | 22,5 | 13,0 | 7,0  | 0,052 |
| 6136140 | D 19 11/32AF  | 11/32"  | 38   | 22,5 | 13,9 | 8,0  | 0,054 |
| 6136220 | D 19 3/8AF    | 3/8"    | 38   | 22,5 | 14,9 | 15,0 | 0,055 |
| 6136300 | D 19 13/32AF  | 13/32"  | 38   | 22,5 | 15,9 | 13,5 | 0,055 |
| 6136490 | D 19 7/16AF   | 7/16"   | 38   | 22,5 | 16,7 | 12,5 | 0,056 |
| 6136570 | D 19 1/2AF    | 1/2"    | 38   | 22,5 | 18,7 | 12,5 | 0,058 |
| 6136650 | D 19 9/16AF   | 9/16"   | 38   | 22,5 | 20,7 | 12,5 | 0,061 |
| 6136730 | D 19 19/32AF  | 19/32"  | 39,5 | 23,8 | 21,7 | 15,0 | 0,07  |
| 6136810 | D 19 5/8AF    | 5/8"    | 39,5 | 23,8 | 22,5 | 15,0 | 0,073 |
| 6137030 | D 19 11/16AF  | 11/16"  | 39,5 | 22,5 | 24,7 | 17,0 | 0,066 |
| 6137110 | D 19 3/4AF    | 3/4"    | 40   | 24,2 | 26,7 | 17,0 | 0,084 |
| 6137380 | D 19 25/32AF  | 25/32"  | 40   | 25,3 | 27,7 | 17,0 | 0,09  |
| 6137460 | D 19 13/16AF  | 13/16"  | 41,5 | 25,7 | 28,5 | 41,5 | 0,097 |
| 6137540 | D 19 7/8AF    | 7/8"    | 41,5 | 26,5 | 30,6 | 18,5 | 0,105 |
| 6137620 | D 19 15/16AF  | 15/16"  | 41,5 | 28,3 | 32,6 | 18,5 | 0,126 |
| 6137700 | D 19 1AF      | 1"      | 41,5 | 28,9 | 34,6 | 18,5 | 0,138 |
| 6137890 | D 19 1.1/16AF | 1.1/16" | 41,5 | 30,0 | 36,7 | 41,5 | 0,147 |
| 6137970 | D 19 1.1/8AF  | 1.1/8"  | 43   | 31,0 | 38,6 | 20,0 | 0,159 |
| 6138000 | D 19 1.3/16AF | 1.3/16" | 43   | 32,5 | 40,6 | 20,5 | 0,183 |
| 6138190 | D 19 1.1/4AF  | 1.1/4"  | 44,5 | 34,5 | 42,6 | 22,5 | 0,207 |

**D 19 (WW)**

Socket 1/2"  
bi-hexagon



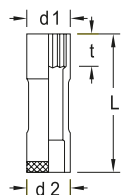
12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.         |        | L    | d1   | d2   | t    |       |
|---------|-------------|--------|------|------|------|------|-------|
| 6138780 | D 19 3/16W  | 3/16W  | 38   | 22,5 | 17,0 | 12,5 | 0,054 |
| 6138860 | D 19 1/4W   | 1/4W   | 38   | 22,5 | 19,5 | 12,5 | 0,057 |
| 6138940 | D 19 5/16W  | 5/16W  | 39,5 | 23,8 | 21,9 | 15,0 | 0,069 |
| 6139080 | D 19 3/8W   | 3/8W   | 39,5 | 23,0 | 25,5 | 17,0 | 0,066 |
| 6139160 | D 19 7/16W  | 7/16W  | 41,5 | 26,0 | 28,8 | 18,5 | 0,096 |
| 6139240 | D 19 1/2W   | 1/2W   | 41,5 | 32,1 | 27,8 | 18,5 | 0,124 |
| 6139320 | D 19 9/16W  | 9/16W  | 41,5 | 29,2 | 34,9 | 18,5 | 0,137 |
| 6139400 | D 19 5/8W   | 5/8W   | 43   | 30,5 | 37,8 | 20,0 | 0,166 |
| 6139590 | D 19 11/16W | 11/16W | 43   | 33,0 | 41,0 | 20,5 | 0,184 |
| 6138430 | D 19 3/4W   | 3/4W   | 44,5 | 36,0 | 44,2 | 22,5 | 0,225 |

**D 19 L (MM)**

Socket 1/2"  
Bi-hexagon UD profile,  
long pattern



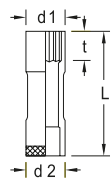
12,5 1/2"

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated
- > Sizes 16, 18, 21 mm with hole drilled for tommy bar Ø 8 mm

| Code    | No.       |    | L  | d1   | d2   | t    |       |
|---------|-----------|----|----|------|------|------|-------|
| 6141140 | D 19 L 10 | 10 | 77 | 22,5 | 15,5 | 12,0 | 0,117 |
| 6141220 | D 19 L 12 | 12 | 77 | 22,5 | 18,0 | 14,0 | 0,127 |
| 6140170 | D 19 L 13 | 13 | 77 | 22,5 | 19,2 | 16,0 | 0,101 |
| 6140250 | D 19 L 14 | 14 | 77 | 22,5 | 20,5 | 16,5 | 0,109 |
| 6142460 | D 19 L 15 | 15 | 77 | 22,5 | 21,7 | 16,5 | 0,119 |
| 6142540 | D 19 L 16 | 16 | 77 | 24,0 | 23,0 | 16,5 | 0,128 |
| 6140330 | D 19 L 17 | 17 | 77 | 24,0 | 24,0 | 16,5 | 0,133 |
| 6142380 | D 19 L 18 | 18 | 82 | 25,0 | 25,5 | 20,0 | 0,147 |
| 6140410 | D 19 L 19 | 19 | 82 | 26,0 | 26,7 | 22,0 | 0,175 |
| 6140680 | D 19 L 21 | 21 | 82 | 28,5 | 29,2 | 24,0 | 0,211 |
| 6145050 | D 19 L 22 | 22 | 82 | 28,5 | 30,5 | 24,0 | 0,219 |
| 6140760 | D 19 L 24 | 24 | 82 | 29,0 | 33,0 | 26,0 | 0,257 |
| 6141060 | D 19 L 27 | 27 | 82 | 30,0 | 36,7 | 30,0 | 0,29  |
| 6145640 | D 19 L 30 | 30 | 82 | 32,5 | 40,5 | 33,0 | 0,351 |
| 6191320 | D 19 L 32 | 32 | 82 | 34,5 | 43,0 | 36,0 | 0,387 |
| 6147500 | D 19 L 34 | 34 | 82 | 36,5 | 45,5 | 37,0 | 0,432 |

**D 19 L (AF)**

Socket 1/2"  
Bi-hexagon UD profile,  
long pattern



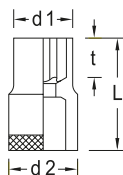
12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.            | ⊕      | L  | d1   | d2   | t    | ⚖     |
|---------|----------------|--------|----|------|------|------|-------|
| 6141300 | D 19 L 1/2AF   | 1/2"   | 77 | 22,5 | 18,7 | 16,0 | 0,095 |
| 6141490 | D 19 L 9/16AF  | 9/16"  | 77 | 22,5 | 20,7 | 16,5 | 0,105 |
| 6141570 | D 19 L 5/8AF   | 5/8"   | 77 | 24,0 | 22,5 | 16,5 | 0,12  |
| 6141650 | D 19 L 11/16AF | 11/16" | 77 | 24,8 | 24,7 | 16,5 | 0,143 |
| 6141730 | D 19 L 3/4AF   | 3/4"   | 82 | 26,0 | 26,7 | 22,0 | 0,164 |
| 6141810 | D 19 L 13/16AF | 13/16" | 82 | 28,5 | 28,5 | 22,0 | 0,197 |
| 6142030 | D 19 L 7/8AF   | 7/8"   | 82 | 28,5 | 30,6 | 24,0 | 0,208 |
| 6142110 | D 19 L 15/16AF | 15/16" | 82 | 29,0 | 32,6 | 26,0 | 0,234 |

**TX 19**

Socket 1/2"  
for protruding  
TX head screws



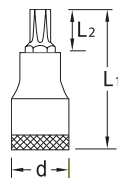
12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.       | ★ mm | ⊕ M       | ★ mm  | L    | d1   | d2   | t    | ⚖     |
|---------|-----------|------|-----------|-------|------|------|------|------|-------|
| 6145720 | TX 19 E10 | E10  | M8        | 9,42  | 38   | 13,5 | 22,5 | 15,5 | 0,056 |
| 6194180 | TX 19 E11 | E11  | -         | 10,08 | 38   | 14,0 | 22,5 | 15,5 | 0,055 |
| 6147340 | TX 19 E12 | E12  | M10       | 11,17 | 38   | 15,5 | 22,5 | 15,5 | 0,059 |
| 6147420 | TX 19 E14 | E14  | M12       | 12,9  | 38   | 17,0 | 22,5 | 13,0 | 0,059 |
| 6194420 | TX 19 E16 | E16  | M12       | 14,76 | 38   | 19,0 | 22,5 | 13,0 | 0,062 |
| 6194500 | TX 19 E18 | E18  | M14       | 16,7  | 40   | 21,0 | 24,5 | 14,0 | 0,078 |
| 6194690 | TX 19 E20 | E20  | M16       | 18,45 | 40   | 23,5 | 24,5 | 14,0 | 0,085 |
| 6195070 | TX 19 E24 | E24  | M18 - M20 | 22,16 | 41,5 | 28,5 | 26,0 | 16,0 | 0,116 |

**ITX 19**

Screwdriver  
bit socket 1/2"  
for recessed  
TX screws, short



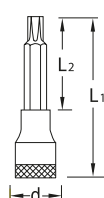
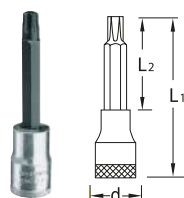
12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.        | ⊕   | ⊕ M       | ★ mm  | L1 | L2   | d    | ⚖     |
|---------|------------|-----|-----------|-------|----|------|------|-------|
| 6152930 | ITX 19 T20 | T20 | M4 - M5   | 3,86  | 55 | 17,0 | 22,5 | 0,076 |
| 6154200 | ITX 19 T25 | T25 | M4,5 - M5 | 4,43  | 55 | 17,0 | 22,5 | 0,075 |
| 6154630 | ITX 19 T27 | T27 | M4,5 - M6 | 4,99  | 55 | 17,0 | 22,5 | 0,076 |
| 6156170 | ITX 19 T30 | T30 | M6 - M7   | 5,52  | 55 | 17,0 | 22,5 | 0,075 |
| 6156330 | ITX 19 T40 | T40 | M7 - M8   | 6,65  | 55 | 17,0 | 22,5 | 0,076 |
| 6157060 | ITX 19 T45 | T45 | M8 - M10  | 7,82  | 55 | 17,0 | 22,5 | 0,077 |
| 6158030 | ITX 19 T50 | T50 | M10       | 8,83  | 55 | 17,0 | 22,5 | 0,092 |
| 6158380 | ITX 19 T55 | T55 | M12       | 11,22 | 55 | 17,0 | 23   | 0,107 |
| 6158540 | ITX 19 T60 | T60 | M14       | 13,25 | 55 | 15,0 | 24,7 | 0,137 |

**ITX 19 L**

Screwdriver  
bit socket 1/2"  
for recessed  
TX head screws



12,5 1/2"

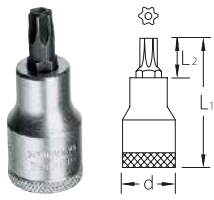
- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.             | ⊕   | ⊕ M       | ★ mm  | L1  | L2   | d    | ⚖     |
|---------|-----------------|-----|-----------|-------|-----|------|------|-------|
| 6188020 | ITX 19 LT20-100 | T20 | M4 - M5   | 3,86  | 100 | 62,0 | 22,5 | 0,095 |
| 6188100 | ITX 19 LT25-100 | T25 | M4,5 - M5 | 4,43  | 100 | 62,0 | 22,5 | 0,095 |
| 6188370 | ITX 19 LT27-100 | T27 | M4,5 - M5 | 4,99  | 100 | 62,0 | 22,5 | 0,096 |
| 6152500 | ITX 19 LT30-100 | T30 | M6 - M7   | 5,52  | 100 | 62,0 | 22,5 | 0,096 |
| 6152690 | ITX 19 LT40-100 | T40 | M7 - M8   | 6,65  | 100 | 62,0 | 22,5 | 0,096 |
| 6155870 | ITX 19 LT45-100 | T45 | M8 - M10  | 7,82  | 100 | 62,0 | 22,5 | 0,098 |
| 6158700 | ITX 19 LT50-100 | T50 | M10       | 8,83  | 100 | 62,0 | 22,5 | 0,124 |
| 6159940 | ITX 19 LT55-100 | T55 | M12       | 11,22 | 100 | 62,0 | 23   | 0,151 |
| 6188450 | ITX 19 LT60-100 | T60 | M14       | 13,25 | 100 | 60,0 | 24,7 | 0,197 |
| 6105180 | ITX 19 LT70-100 | T70 | M16       | 15,55 | 100 | 60,0 | 28   | 0,277 |



**ITX 19 B**

Screwdriver bit socket 1/2" for recessed TX head screws with pilot



12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.          | ⊕   | mm        | mm    | L1 | L2   | d    | Bore mm     | kg    |
|---------|--------------|-----|-----------|-------|----|------|------|-------------|-------|
| 6192720 | ITX 19 B T20 | T20 | M4 - M5   | 3,86  | 55 | 17,0 | 22,5 | 1,55 x 1,86 | 0,075 |
| 6195660 | ITX 19 B T25 | T25 | M4,5 - M5 | 4,43  | 55 | 17,0 | 22,5 | 1,93 - 2,04 | 0,075 |
| 6196390 | ITX 19 B T27 | T27 | M4,5 - M6 | 4,99  | 55 | 17,0 | 22,5 | 2,18 - 2,29 | 0,076 |
| 6200170 | ITX 19 B T30 | T30 | M6 - M7   | 5,52  | 55 | 17,0 | 22,5 | 2,56 - 2,92 | 0,076 |
| 6200410 | ITX 19 B T40 | T40 | M7 - M8   | 6,65  | 55 | 17,0 | 22,5 | 2,92 - 3,28 | 0,091 |
| 6200840 | ITX 19 B T45 | T45 | M8 - M10  | 7,82  | 55 | 17,0 | 22,5 | 3,45 - 3,68 | 0,092 |
| 6201300 | ITX 19 B T50 | T50 | M10       | 8,83  | 55 | 17,0 | 23   | 3,78 - 3,83 | 0,105 |
| 6202700 | ITX 19 B T55 | T55 | M12       | 11,22 | 55 | 15,0 | 24,7 | 4,79 - 4,85 | 0,133 |
| 6203270 | ITX 19 B T60 | T60 | M14       | 13,25 | 55 | 16,0 | 28   | 5,63 - 7,87 | 0,182 |

**IS 19**

Screwdriver bit socket 1/2" for slotted head screws



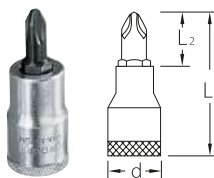
12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated
- > Blade tip acc. to DIN ISO 2380-1 Form B

| Code    | No.           | mm   | mm  | L1 | L2   | d    | kg    |
|---------|---------------|------|-----|----|------|------|-------|
| 6161760 | IS 19 6,5X1,2 | 6,5  | 1,2 | 60 | 22,0 | 22,5 | 0,071 |
| 6656060 | IS 19 8X1,2   | 8,0  | 1,2 | 60 | 22,0 | 22,5 | 0,08  |
| 6656140 | IS 19 10X1,6  | 10   | 1,6 | 60 | 22,0 | 22,5 | 0,115 |
| 6656220 | IS 19 12X2    | 12,0 | 2,0 | 60 | 22,0 | 23   | 0,11  |
| 6162140 | IS 19 14X2,5  | 14,0 | 2,5 | 60 | 20,0 | 24,7 | 0,138 |
| 6656490 | IS 19 16X2,5  | 16,0 | 2,5 | 60 | 20,0 | 28   | 0,19  |
| 6656570 | IS 19 18X2,5  | 18,0 | 2,5 | 60 | 20,0 | 27   | 0,193 |

**IKS 19**

Screwdriver bit socket 1/2" for cross-head screws PH



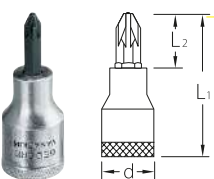
12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN ISO 8764-1 PH

| Code    | No.      | ⊕ PH | L1 | L2   | d    | kg    |
|---------|----------|------|----|------|------|-------|
| 6656650 | IKS 19 2 | 2    | 60 | 22,0 | 22,5 | 0,077 |
| 6656730 | IKS 19 3 | 3    | 60 | 22,0 | 22,5 | 0,092 |
| 6656810 | IKS 19 4 | 4    | 60 | 22,0 | 23   | 0,106 |

**IKS 19 PZD**

Screwdriver bit socket 1/2" for cross-head screws Pozi PZ

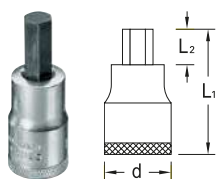


12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN ISO 8764-1 PZ

| Code    | No.          | ⊕ PZ | L1 | L2   | d    | kg    |
|---------|--------------|------|----|------|------|-------|
| 6156680 | IKS 19 PZD 2 | 2    | 60 | 22,0 | 22,5 | 0,077 |
| 6156760 | IKS 19 PZD 3 | 3    | 60 | 22,0 | 22,5 | 0,091 |
| 6156840 | IKS 19 PZD 4 | 4    | 60 | 22,0 | 23   | 0,108 |

**IN 19 (MM)**  
Screwdriver  
bit socket 1/2"  
for in-hex screws



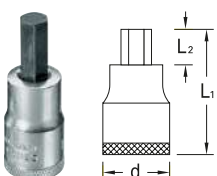
12,5 1/2"

- > Acc. to DIN 7422
- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated
- > chrome-plated

**\* not standardised**

| Code     | No.      | mm | L1 | L2   | d    | kg    |
|----------|----------|----|----|------|------|-------|
| 6153070* | IN 19 4  | 4  | 60 | 22,0 | 22,5 | 0,068 |
| 6153150* | IN 19 5  | 5  | 60 | 22,0 | 22,5 | 0,069 |
| 6153230  | IN 19 6  | 6  | 60 | 22,0 | 22,5 | 0,07  |
| 6153310  | IN 19 7  | 7  | 60 | 22,0 | 22,5 | 0,075 |
| 6153580  | IN 19 8  | 8  | 60 | 22,0 | 22,5 | 0,082 |
| 6153660* | IN 19 9  | 9  | 60 | 22,0 | 22,5 | 0,091 |
| 6153740  | IN 19 10 | 10 | 60 | 22,0 | 22,5 | 0,099 |
| 6153820  | IN 19 12 | 12 | 60 | 22,0 | 23   | 0,113 |
| 6153900  | IN 19 14 | 14 | 60 | 20,0 | 24,7 | 0,149 |
| 6154040* | IN 19 17 | 17 | 60 | 20,0 | 28   | 0,21  |
| 6154120* | IN 19 19 | 19 | 60 | 20,0 | 27   | 0,222 |

**IN 19 (AF)**  
Screwdriver  
bit socket 1/2"  
for in-hex screws

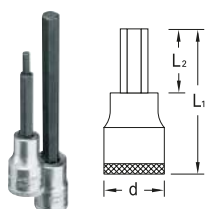


12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

| Code    | No.          | L1 | L2   | d    | kg    |
|---------|--------------|----|------|------|-------|
| 6154710 | IN 19 3/16AF | 60 | 22,0 | 22,5 | 0,069 |
| 6154980 | IN 19 7/32AF | 60 | 22,0 | 22,5 | 0,069 |
| 6155010 | IN 19 1/4AF  | 60 | 22,0 | 22,5 | 0,073 |
| 6155280 | IN 19 9/32AF | 60 | 22,0 | 22,5 | 0,076 |
| 6155360 | IN 19 5/16AF | 60 | 22,0 | 22,5 | 0,081 |
| 6155440 | IN 19 3/8AF  | 60 | 22,0 | 22,5 | 0,098 |
| 6155520 | IN 19 1/2AF  | 60 | 22,0 | 23   | 0,119 |
| 6155600 | IN 19 9/16AF | 60 | 20,0 | 24,7 | 0,15  |
| 6155790 | IN 19 5/8AF  | 60 | 20,0 | 28   | 0,205 |

**IN 19 L**  
Screwdriver bit socket  
1/2"



12,5 1/2"

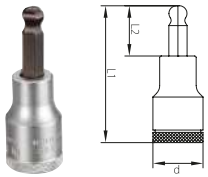
- > Acc. to DIN 7422
- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated

**\* not standardised**

| Code     | No.            | mm | L1  | L2    | d    | kg    |
|----------|----------------|----|-----|-------|------|-------|
| 6162060* | IN 19 L 5-90   | 5  | 90  | 52,0  | 22,5 | 0,091 |
| 6157140* | IN 19 L 5-180  | 5  | 180 | 142,0 | 22,5 | 0,131 |
| 6157300  | IN 19 L 6-90   | 6  | 90  | 52,0  | 22,5 | 0,079 |
| 6145800  | IN 19 L 6-140  | 6  | 140 | 102,0 | 22,5 | 0,115 |
| 6145990  | IN 19 L 6-160  | 6  | 160 | 122,0 | 22,5 | 0,123 |
| 6157570  | IN 19 L 7-100  | 7  | 100 | 62,0  | 22,5 | 0,089 |
| 2950960* | IN 19 L 7-140  | 7  | 140 | 102,0 | 22,5 | 0,1   |
| 6157730  | IN 19 L 8-90   | 8  | 90  | 52,0  | 22,5 | 0,095 |
| 6157810  | IN 19 L 8-120  | 8  | 120 | 82,0  | 22,5 | 0,109 |
| 2951533* | IN 19 L 8-140  | 8  | 140 | 102,0 | 22,5 | 0,115 |
| 2950979* | IN 19 L 9-140  | 9  | 140 | 102,0 | 22,5 | 0,13  |
| 6158110  | IN 19 L 10-140 | 10 | 140 | 102,0 | 22,5 | 0,154 |
| 6158460  | IN 19 L 12-140 | 12 | 140 | 102,0 | 22,5 | 0,195 |
| 6158620  | IN 19 L 14-140 | 14 | 140 | 100,0 | 24,7 | 0,257 |

**IN 19 K**

Screwdriver bit socket 1/2" with ball end, for in-hex screws, long pattern



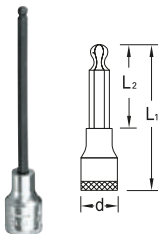
12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated
- > Total swivel angle approx. 15-20°

| Code    | No.        | mm | L1 | L2   | d    | kg    |
|---------|------------|----|----|------|------|-------|
| 2219336 | IN 19 K 6  | 6  | 60 | 22,0 | 22,5 | 0,068 |
| 2219360 | IN 19 K 7  | 7  | 60 | 22,0 | 22,5 | 0,071 |
| 2219379 | IN 19 K 8  | 8  | 60 | 22,0 | 22,5 | 0,08  |
| 2219395 | IN 19 K 10 | 10 | 60 | 22,0 | 22,5 | 0,1   |
| 1621513 | IN 19 K 12 | 12 | 60 | 20,0 | 23   | 0,19  |
| 2663090 | IN 19 K 14 | 14 | 60 | 20,0 | 24,7 | 0,22  |

**IN 19 LK**

Screwdriver bit socket 1/2" with ball end, for in-hex screws, long pattern



12,5 1/2"

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated
- > Total swivel angle approx. 15-20°

| Code    | No.             | mm | L1  | L2    | d    | kg    |
|---------|-----------------|----|-----|-------|------|-------|
| 6162810 | IN 19 LK 6-140  | 6  | 140 | 102,0 | 22,5 | 0,091 |
| 6165080 | IN 19 LK 7-140  | 7  | 140 | 102,0 | 22,5 | 0,103 |
| 6165160 | IN 19 LK 8-140  | 8  | 140 | 102,0 | 22,5 | 0,116 |
| 6166800 | IN 19 LK 10-140 | 10 | 140 | 102,0 | 22,5 | 0,153 |
| 6172370 | IN 19 LK 12-140 | 12 | 140 | 102,0 | 23   | 0,195 |
| 1936328 | IN 19 LK 14-140 | 14 | 140 | 100,0 | 24,7 | 0,225 |

**INR 19 L**

Screwdriver bit socket 1/2" for multi-spline screws RIBE®, long pattern



12,5 1/2"

- > RIBE® = reg. trademark of Richard Bergner GmbH & Co. KG, Schwabach

| Code    | No.             |     | L1  | L2    | d    | kg    |
|---------|-----------------|-----|-----|-------|------|-------|
| 1449850 | INR 19 L 6-100  | M6  | 100 | 62,0  | 22,5 | 0,085 |
| 1450859 | INR 19 L 6-188  | M6  | 188 | 150,0 | 22,5 | 0,12  |
| 1449877 | INR 19 L 8-100  | M8  | 100 | 62,0  | 22,5 | 0,085 |
| 1449591 | INR 19 L 10-100 | M10 | 100 | 62,0  | 22,5 | 0,105 |
| 1450891 | INR 19 L 10-188 | M10 | 188 | 150,0 | 22,5 | 0,165 |

**INX 19**

Screwdriver bit socket 1/2" for multi-point screws XZN



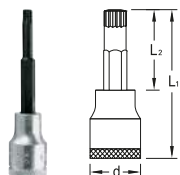
12,5 1/2"

- > Design according to DIN 2324
- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN 2325
- \* not standardised**

| Code     | No.       |     | L1 | L2   | d    | kg    |
|----------|-----------|-----|----|------|------|-------|
| 6158890* | INX 19 5  | M5  | 55 | 17,0 | 22,5 | 0,075 |
| 6159000* | INX 19 6  | M6  | 55 | 17,0 | 22,5 | 0,076 |
| 6159270  | INX 19 8  | M8  | 55 | 17,0 | 22,5 | 0,077 |
| 6159430  | INX 19 10 | M10 | 55 | 17,0 | 22,5 | 0,094 |
| 6159780  | INX 19 12 | M12 | 55 | 17,0 | 23   | 0,11  |
| 1888943  | INX 19 14 | M14 | 57 | 17,0 | 24,7 | 0,14  |
| 2950944* | INX 19 16 | M16 | 60 | 20,0 | 24,7 | 0,145 |
| 2950952* | INX 19 18 | M18 | 60 | 20,0 | 24,7 | 0,15  |

**INX 19 L**

Screwdriver bit socket 1/2" for multi-point screws XZN, long pattern



12,5 1/2"

- > Design according to DIN 2324
- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > Hand-operated
- > Tip as per DIN 2325
- \* not standardised**

| Code     | No.             |     | L1  | L2   | d    | kg    |
|----------|-----------------|-----|-----|------|------|-------|
| 6159190* | INX 19 L 6-100  | M6  | 100 | 62,0 | 22,5 | 0,093 |
| 6159350  | INX 19 L 8-100  | M8  | 100 | 62,0 | 22,5 | 0,097 |
| 6159510  | INX 19 L 10-100 | M10 | 100 | 62,0 | 22,5 | 0,124 |
| 6159860  | INX 19 L 12-100 | M12 | 100 | 62,0 | 23   | 0,149 |
| 1888951  | INX 19 L 14-100 | M14 | 100 | 60,0 | 24,7 | 0,19  |

**19 SKU-20**  
Socket set 1/2"  
14 pieces



- > With hand-operated sockets No. 19 SK with external hexagon drive
- > With robust lever-change reversible ratchet with in-hex drive
- > Fine toothed, return angle 6°
- > In GEDORE blue sheet steel case

| Code           | No.       | Contents  | Pieces |     |
|----------------|-----------|---|--------|-----|
| <b>2521563</b> | 19 SKU-20 | Ratchet<br>1993 U-20 SK<br>Inserts<br>19 SK 10 11 12 13 14 15<br>16 17 18 19 21 22 24 | 14     | 1,7 |

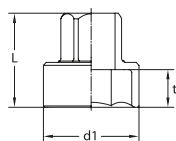
**1993 U-20 SK**  
Reversible ratchet 1/2"



- > Especially suitable for threaded bolts and difficult to access spaces
- > With hexagon drive
- > Fine-toothed (60 teeth), with lever change
- > Return angle 6°
- > For hand-operated sockets with hexagon no. 19 SK

| Code           | No.          |   |     |    |      |
|----------------|--------------|---|-----|----|------|
| <b>2219492</b> | 1993 U-20 SK | 6 | 270 | 21 | 0,51 |

**19 SK**  
Socket 1/2"  
hexagon,  
short pattern



- > With hexagon drive size 18.95 mm
- > For use with reversible ratchet no. 1993 U-20 SK
- > Torques according to DIN 3124 are exceeded

| Code           | No.      |    | L    | d1   | t    |       |
|----------------|----------|----|------|------|------|-------|
| <b>2521539</b> | 19 SK 10 | 10 | 24   | 15,5 | 6,0  | 0,04  |
| <b>2521547</b> | 19 SK 11 | 11 | 137  | 16,7 | 6,0  | 0,04  |
| <b>2521555</b> | 19 SK 12 | 12 | 25   | 18,0 | 7,0  | 0,04  |
| <b>2225875</b> | 19 SK 13 | 13 | 25   | 19,2 | 7,0  | 0,04  |
| <b>2225883</b> | 19 SK 14 | 14 | 25   | 20,5 | 7,0  | 0,04  |
| <b>2225891</b> | 19 SK 15 | 15 | 26,5 | 21,7 | 8,5  | 0,04  |
| <b>2225905</b> | 19 SK 16 | 16 | 26,5 | 22,5 | 8,5  | 0,091 |
| <b>2225913</b> | 19 SK 17 | 16 | 27   | 24,0 | 8,5  | 0,04  |
| <b>2225921</b> | 19 SK 18 | 18 | 31   | 25,5 | 11,0 | 0,04  |
| <b>2225948</b> | 19 SK 19 | 19 | 31   | 26,7 | 11,0 | 0,081 |
| <b>2225964</b> | 19 SK 21 | 21 | 33   | 29,2 | 13,0 | 0,04  |
| <b>2225972</b> | 19 SK 22 | 22 | 33   | 30,5 | 13,0 | 0,121 |
| <b>2225980</b> | 19 SK 24 | 24 | 33   | 33,0 | 13,0 | 0,151 |

**19 SK-8Bit**  
Bit holder 5/16",  
for SK ratchet



- > The bit holder turns the 1993 U-20 SK reversible ratchet into a bit ratchet
- > Hexagon socket according to DIN 3126 - D8 (5/16")

| Code           | No.        |     |      |
|----------------|------------|-----|------|
| <b>3064735</b> | 19 SK-8BIT | 120 | 0,06 |

**19 SK-19V**  
Adopter



- > Makes the SK ratchet compatible with 1/2" sockets
- > with push-button release
- > For hand-operated sockets
- > Square drive as per DIN 3120, ISO 1174

| Code           | No.       | 1/2" | 12,5 | kg   |
|----------------|-----------|------|------|------|
| <b>3064743</b> | 19 SK-19V | 1/2" | 12,5 | 0,06 |

**D 19 TMU-10**  
Socket set 1/2"  
25 pieces



**12,5** **1/2"**

- > With hand-operated 6-sided UD profile (No. 19) or 12-sided UD profile (No. D 19) sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > In GEDORE blue sheet steel case

| Code           | No.         | Contents  | Pieces | kg  |
|----------------|-------------|---|--------|-----|
| <b>6151960</b> | D 19 TMU-10 | reversible ratchet 1/2" No. 1993 U-10 T<br>Socket wrench insert 1/2" 12-point UD profile No. D 19<br>10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32<br>Crank 1/2" No. 1985<br>Cross handle 1/2" No. 1987<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995 | 25     | 6,6 |

**19 DMU-20**  
Socket set 1/2"  
15 pieces



**12,5** **1/2"**

- > With hand operated hexagonal UD profile sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > With universal extension, is able to pivot up to 15°

| Code           | No.       | Contents   | Pieces | kg    |
|----------------|-----------|--|--------|-------|
| <b>3014347</b> | 19 DMU-20 | reversible ratchet 1/2" No. 1993 U-20<br>Socket wrench insert 1/2" hexagon UD profile No. 19<br>10 12 13 15 16 17 18 19 22 24 27 30 32<br>Cardan extension 1/2" No. 1990 KR-10 | 15     | 5,142 |

**19 KMU / D 19 KMU**  
Socket set 1/2"  
13 pieces



**12,5** **1/2"**

- > With hand-operated 6-sided UD profile (No. 19) or 12-sided UD profile (No. D 19) sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > In GEDORE blue sheet steel case

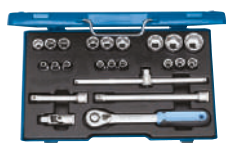
| Code           | No.         | Contents   | Pieces | kg  |
|----------------|-------------|--|--------|-----|
| <b>2545810</b> | 19 KMU-20   | reversible ratchet 1/2" No. 1993 U-20<br>Socket wrench insert 1/2" hexagon UD profile No. 19<br>10 12 13 14 15 16 17 18 19 22 24<br>Extension 1/2" No. 1990-5    | 13     | 2,6 |
| <b>2545829</b> | D 19 KMU-20 | reversible ratchet 1/2" No. 1993 U-20<br>Socket wrench insert 1/2" 12-point UD profile No. D 19<br>10 12 13 14 15 16 17 18 19 22 24<br>Extension 1/2" No. 1990-5 | 13     | 2,6 |

**19 JMU**  
 Socket set 1/2"  
 19 pieces

**12,5** **1/2"**

- > With hand-operated hexagonal UD profile sockets
- > With operating tools
- > With fine toothed, dial change ratchet
- > In GEDORE blue sheet steel case

| Code           | No.      | Contents   | Pieces |     |
|----------------|----------|--|--------|-----|
| <b>2682842</b> | 19 JMU-3 | reversible ratchet 1/2" No. 1993 U-3<br>Socket wrench insert 1/2" hexagon UD profile No. 19<br>8 9 10 11 12 13 14 15 16 17 18 19 21 22 24<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995 | 19     | 3,7 |

**19 EMU / D 19 EMU**  
 Socket set 1/2"  
 23 pieces

**12,5** **1/2"**

- > With hand-operated 6-sided UD profile (No. 19) or 12-sided UD profile (No. D 19) sockets
- > With operating tools
- > Set U-20 with robust lever-change reversible ratchet, with push-button release
- > In GEDORE blue sheet steel case

| Code           | No.       | Contents  | Pieces |     |
|----------------|-----------|---|--------|-----|
| <b>2545837</b> | 19 EMU-20 | reversible ratchet 1/2" No. 1993 U-20<br>Socket wrench insert 1/2" 12-point UD profile No. D 19<br>8 9 10 11 12 13 14 15 16 17 18 19 21 22 24 27 30 32<br>Cross handle 1/2" No. 1987<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995 | 23     | 5,7 |

|                |             |   |    |     |
|----------------|-------------|---|----|-----|
| <b>2545845</b> | D 19 EMU-20 | reversible ratchet 1/2" No. 1993 U-20<br>Socket wrench insert 1/2" 12-point UD profile No. D 19<br>8 9 10 11 12 13 14 15 16 17 18 19 21 22 24 27 30 32<br>Cross handle 1/2" No. 1987<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995 | 23 | 6,7 |
|----------------|-------------|---|----|-----|

**19 VMU / D 19 VMU**  
 Socket set 1/2"  
 28 pieces

**12,5** **1/2"**

- > With hand-operated 6-sided UD profile (No. 19) or 12-sided UD profile (No. D 19) sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > In GEDORE blue sheet steel case

| Code           | No.       | Contents   | Pieces |   |
|----------------|-----------|--|--------|---|
| <b>2682869</b> | 19 VMU-10 | reversible ratchet 1/2" No. 1993 U-10 T<br>Socket wrench insert 1/2" hexagon UD profile No. 19<br>10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 26 27 28 30<br>32 33 34 36<br>Cross handle 1/2" No. 1987<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995 | 28     | 7 |

|                |             |   |    |     |
|----------------|-------------|---|----|-----|
| <b>2682877</b> | D 19 VMU-10 | reversible ratchet 1/2" No. 1993 U-10 T<br>Socket wrench insert 1/2" 12-point UD profile No. D 19<br>10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 26 27 28 30<br>32 33 34 36<br>Cross handle 1/2" No. 1987<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995 | 28 | 6,7 |
|----------------|-------------|---|----|-----|

**IN 19 Q**  
 Screwdriver set 1/2"  
 11 pieces

**12,5** **1/2"**

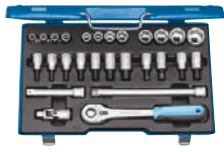
- > for in-hex screws
- > In GEDORE blue sheet steel case

| Code           | No.     | Contents   | Pieces |       |
|----------------|---------|--|--------|-------|
| <b>6156920</b> | IN 19 Q | reversible ratchet 1/2" No. 1993 U-10 T<br>Screwdriver bit socket 1/2" for hexagon socket screws<br>No. IN 19 5 6 7 8 9 10 12 14 17<br>Extension 1/2" No. 1990 -10 | 11     | 3,315 |



**19 IMU / D 19 IMU**

Socket set 1/2"  
27 pieces



**12,5** **1/2"**

- > With hand-operated 6-sided UD profile (No. 19) or 12-sided UD profile (No. D 19) sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > In GEDORE blue sheet steel case

| Code           | No.         | Contents   | Pieces |     |
|----------------|-------------|--|--------|-----|
| <b>6139750</b> | 19 IMU-10   | reversible ratchet 1/2" No. 1993 U-10 T<br>Socket wrench insert 1/2" hexagon UD profile No. 19 10 11 12 13 14 15 17 19 22 24 27 30<br>Screwdriver bit socket 1/2" for hexagon socket screws No. IN 19 5 6 7 8 10 12 14<br>Screwdriver bit socket 1/2" for slotted screws No. IS 19 8 10<br>Screwdriver bit socket 1/2" for cross-head screws PH No. IKS 19 2 3<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995    | 27     | 6,9 |
| <b>6140090</b> | D 19 IMU-10 | reversible ratchet 1/2" No. 1993 U-10 T<br>Socket wrench insert 1/2" 12-point UD profile No. D 19 10 11 12 13 14 15 17 19 22 24 27 30<br>Screwdriver bit socket 1/2" for hexagon socket screws No. IN 19 5 6 7 8 10 12 14<br>Screwdriver bit socket 1/2" for slotted screws No. IS 19 8 10<br>Screwdriver bit socket 1/2" for cross-head screws PH No. IKS 19 2 3<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995 | 27     | 6,8 |

**ITX 19 INU-20**

Socket set 1/2"  
42 pieces



**12,5** **1/2"**

- > For inside and outside TX screws and hexagon socket screws
- > In GEDORE blue sheet steel case

| Code           | No.           | Contents  | Pieces |     |
|----------------|---------------|---|--------|-----|
| <b>2546000</b> | ITX 19 INU-20 | reversible ratchet 1/2" No. 1993 U-20<br>Socket wrench insert 1/2" hexagon UD profile No. 19 10 11 12 13 14 15 16 17 18 19 21 22 24 27 30 32<br>Screwdriver bit socket 1/2" for hexagon socket screws No. IN 19 5 6 7 8 9 10 12 14 17<br>Socket wrench socket 1/2" for external TX screws No. TX 19 E10 E12 E14 E16 E18 E20 E24<br>Screwdriver bit socket 1/2" for inside TX screws No. ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60<br>Cardan extension No. 1990 KR-10 | 42     | 8,2 |

**19 V20U-10**

Socket set 1/4"+1/2"  
50 pieces



**12,5** **1/2"**

- > With hand operated sockets
- > With operating tools
- > Nominal size 6.3 (1/4") with extra fine-toothed reversible ratchet U-3
- > Nominal size 12.5 (1/2") with robust lever-operated reversible ratchet, with push-button release U-10 T
- > In GEDORE blue sheet steel case

| Code           | No.         | Contents   | Pieces |     |
|----------------|-------------|--|--------|-----|
| <b>6157490</b> | 19 V20 U-10 | reversible ratchet 1/2" No. 1993 U-10 T<br>Reversible ratchet 1/4" No. 2093 U-3<br>Socket wrench insert 1/2" hexagon No. 19 10 11 12 13 14 15 17 19 22 24 27 30<br>Screwdriver bit socket 1/2" for hexagon socket screws No. IN 19 7 8 10 12 14<br>Screwdriver bit socket 1/2" for slotted screws No. IS 19 8 10<br>Screwdriver bit socket 1/2" for cross-head screws PH No. IKS 19 3<br>Socket wrench insert 1/4" hexagon No. 20 4 4.5 5 5.5 6 7 8 9 10 11 13<br>Screwdriver bit socket 1/4" for hexagon socket screws No. IN 20 3 4 5 6<br>Screwdriver bit socket 1/4" for slotted screws No. IS 20 4 5 5 6 5<br>Screwdriver bit socket 1/4" for cross-head screws PH No. IKS 20 1 2<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995<br>Square plug-in handle 1/4" No. 2098<br>Extension 1/4" No. 2090-2 -4<br>Cross handle 1/4" No. 2087<br>Cardan joint 1/4" No. 2095 | 50     | 6,2 |

### 19 V20U-20

Socket set 1/4"+1/2"  
81 pieces



12,5 1/2" 6,3 1/4"

- > With hand operated sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > In GEDORE blue sheet steel case

| Code    | No.         | Contents   | Pieces |     |
|---------|-------------|--|--------|-----|
| 1550691 | 19 V20 U-20 | reversible ratchet 1/2" No. 1993 U-20<br>Reversible ratchet 1/4" No. 2093 U-20<br>Socket wrench insert 1/2" hexagon UD profile No. 19 10 11 12 13 14 15 16 17 18 19 21 22 24 27 30 32 36<br>Socket wrench insert 1/4" 12-point UD profile No. D 20 4 5 5.5 6 7 8 9 10 11 12 13<br>Screwdriver bit 1/4" for slotted screws No. 680 4 4,5 5,5 6,5<br>Screwdriver bit 1/4" for hexagon socket screws No. 685 2 2.5 3 4 5 6 8<br>Screwdriver bit 1/4" for multi-tooth socket screws XZN No. 685 X 5 6 8<br>Screwdriver bit 1/4" for inside TX screws No. 687 TX T10 T15 T20 T25 T27 T30 T40<br>Screwdriver bit 1/4" for cross-head screws PH No. 690 1 2 3<br>Screwdriver bit 1/4" for cross-head screws PZ No. 690 PZD 1 2 3<br>Screwdriver bit 5/16" for slotted screws No. 885 3 4 5 6 8 10<br>Screwdriver bit 5/16" for multi-tooth socket screws XZN No. 885 X 5 6 8 10 12<br>Screwdriver bit 5/16" for inside TX screws No. 887 TX T27 T30 T40 T45 T50<br>Extension 1/2" No. 1990-5 -10<br>Extension 1/4" No. 2090-4<br>Multi-handle No. 676<br>Cardan joint 1/4" No. 2095<br>Bit adapter No. 620<br>Bit holder for machine screwdriver No. 699<br>Connecting piece 5/16" - 1/2 No. KB 819 | 81     | 6,3 |

### D 19 L-015

Socket set 1/2"  
15 pieces



12,5 1/2"

- > With hand operated 12-point UD profile sockets
- > In GEDORE blue sheet steel case

| Code    | No.        | Contents  | Pieces |     |
|---------|------------|---|--------|-----|
| 2190214 | D 19 L-015 | Socket wrench insert 1/2" 12-point UD profile, long No. D 19 L 10 12 13 14 15 16 17 18 19 21 22 24 27 30 32 | 15     | 4,3 |

### IN 19-009

Screwdriver set 1/2"  
9 pieces



12,5 1/2"

- > Screwdriver set 1/2" for hexagon socket screws in sizes 4 - 14 mm
- > In a practical, robust plastic case
- > GEDORE Check-Tool-System: 2-colour foam insert to check that the set is complete

| Code    | No.       | Contents  | Pieces |     |
|---------|-----------|---|--------|-----|
| 3014444 | IN 19-009 | Screwdriver bit socket 1/2" for hexagon socket screws No. IN 19 4<br>Screwdriver bit socket 1/2" for in-hex screws, long No. IN 19 L 5-90 6-90 7-140 8-140 9-140 10-140 12-140 14-140 | 9      | 1,9 |

### IN 19 PM

Screwdriver set 1/2"  
9 pieces



12,5 1/2"

- > for in-hex screws
- > In GEDORE blue sheet steel case

| Code    | No.      | Contents  | Pieces |       |
|---------|----------|---|--------|-------|
| 6156250 | IN 19 PM | Screwdriver bit socket 1/2" for hexagon socket screws No. IN 19 5 6 7 8 9 10 12 14 17 | 9      | 1,362 |

**INX 19 PM**

Screwdriver set 1/2"  
9 pieces



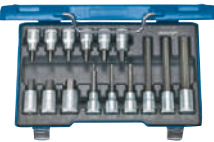
12,5 1/2"

- > For cross-head, slotted and socket head screws
- > In GEDORE blue sheet steel case

| Code           | No.       | Contents   | Pieces |     |
|----------------|-----------|--|--------|-----|
| <b>6150050</b> | INX 19 PM | Screwdriver bit socket 1/2" for recessed TX screws No. ITX 19 5 6 8 10 12<br>Screwdriver bit socket 1/2" for cross-head screws PH No. IKS 19 2 3<br>Screwdriver bit socket 1/2" for slotted screws No. IS 19 12 16 | 9      | 1,3 |

**IN 19 LKM**

Screwdriver set 1/2"  
15 pieces



12,5 1/2"

- > for in-hex screws, short and long
- > In GEDORE blue sheet steel case

| Code           | No.       | Contents  | Pieces |     |
|----------------|-----------|---|--------|-----|
| <b>6129360</b> | IN 19 LKM | Screwdriver bit socket 1/2" for hexagon socket screws No. IN 19 5 6 7 8 9 10 12 14 17<br>Screwdriver bit socket 1/2" for in-hex screws, long No. IN 19 L 5 6 8 10 12 14 | 15     | 3,2 |

**ITX 19 PM**

Screwdriver set 1/2"  
9 pieces



12,5 1/2"

- > No. ITX 19 PM: for internal TX screws
- > In GEDORE blue sheet steel case

| Code           | No.       | Contents  | Pieces |     |
|----------------|-----------|---|--------|-----|
| <b>6158970</b> | ITX 19 PM | Screwdriver bit socket 1/2" for inside TX screws No. ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60 | 9      | 1,2 |

**TX 19 E-09**

Socket set 1/2"  
9 pieces



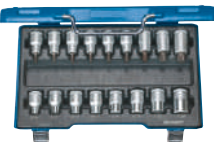
12,5 1/2"

- > for protruding TX head screws
- > With convertor 3/8" to 1/2"
- > In plastic case

| Code           | No.        | Contents  | Pieces |       |
|----------------|------------|---|--------|-------|
| <b>6265970</b> | TX 19 E-09 | Socket wrench socket 1/2" for external TX screws No. TX 19 E10 E11 E12 E14 E16 E18 E20 E24<br>Enlarging piece 3/8" to 1/2" No. 3019 | 9      | 1,036 |

**ITX 19 TX-017**

Screwdriver set 1/2"  
17 pieces



12,5 1/2"

- > For protruding and recessed TX screws
- > In GEDORE blue sheet steel case

| Code           | No.           | Contents  | Pieces |      |
|----------------|---------------|---|--------|------|
| <b>6129520</b> | ITX 19 TX-017 | Screwdriver bit socket 1/2" for inside TX screws No. ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60<br>Socket wrench socket 1/2" for external TX screws No. TX 19 E10 E11 E12 E14 E16 E18 E20 E24 | 17     | 2,99 |

**ITX 19 LKP**

Screwdriver set 1/2"  
18 pieces



12,5 1/2"

- > for recessed TX screws, short and long
- > In GEDORE blue sheet steel case

| Code           | No.        | Contents   | Pieces |     |
|----------------|------------|--|--------|-----|
| <b>6138510</b> | ITX 19 LKP | Screwdriver bit socket 1/2" for inside TX screws No. ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60<br>Screwdriver bit socket 1/2" for recessed TX screws, long No. ITX 19 L T20 T25 T27 T30 T40 T45 T50 T55 T60 | 18     | 3,2 |

**19 TX 20**  
Screwdriver set 1/2" + 1/4"  
34 pieces



6,3 1/4" 12,5 1/2"

- > Inserts 1/4" and 1/2", short and long, for inside and outside TX screws
- > In GEDORE blue sheet steel case

| Code    | No.      | Contents  | Pieces | kg  |
|---------|----------|---|--------|-----|
| 6129440 | 19 TX 20 | Screwdriver bit socket 1/2" for inside TX screws No. ITX 19 T40 T45 T50 T55 T60<br>Screwdriver bit socket 1/2" for recessed TX screws, long No. ITX 19 LT20 T25 T27 T30 T40 T45 T50 T55 T60<br>Socket wrench socket 1/2" for external TX screws No. TX 19 E12 E14 E16 E18 E20 E24<br>Screwdriver bit socket 1/4" for recessed TX screws No. ITX 20 T8 T9 T10 T15 T20 T25 T27 T30<br>Socket wrench insert 1/4" for external TX screws No. TX 20 E4 E5 E6 E7 E8 E10 | 34     | 3,6 |

**D 19 WAU-20**  
Socket set 1/2"  
31 pieces



12,5 1/2"

- > With hand operated 12-point UD profile sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > In GEDORE blue sheet steel case

| Code    | No.         | Contents  | Pieces | kg  |
|---------|-------------|---|--------|-----|
| 2546027 | D 19 WAU-20 | reversible ratchet 1/2" No. 1993 U-20<br>Socket wrench insert 1/2" 12-point UD profile No. D 19 5/16 11/32 3/8 13/32 7/16 1/2 9/16 9/32 5/8 11/16 3/4 25/32 13/16 7/8 5/16 1" 1.1/16 1.1/8 1.3/16 1.1/4<br>Offset screwdriver set long in holder 8 pcs AF No. H 42 EL-88 A<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995 | 31     | 5,9 |

**IN 19 PA**  
Screwdriver set 1/2"  
9 pieces



12,5 1/2"

- > for in-hex screws
- > In GEDORE blue sheet steel case

| Code    | No.      | Contents   | Pieces | kg    |
|---------|----------|--|--------|-------|
| 6156410 | IN 19 PA | Screwdriver bit socket 1/2" for hexagon socket screws No. IN 19 3/16 7/32 1/4 9/32 5/16 3/8 1/2 9/16 5/8 | 9      | 1,328 |

**D 19 XMAU-20**  
Socket set 1/2"  
31 pieces



12,5 1/2"

- > With hand operated 12-point UD profile sockets
- > With operating tools
- > With robust lever-change reversible ratchet, with push-button release
- > In GEDORE blue sheet steel case

| Code    | No.          | Contents   | Pieces | kg  |
|---------|--------------|--|--------|-----|
| 2546043 | D 19 XMAU-20 | reversible ratchet 1/2" No. 1993 U-20<br>Socket wrench insert 1/2" 12-point UD profile No. D 19 11 13 14 17 19 22 24 27 30 32<br>Socket wrench insert 1/2" 12-point UD profile No. 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<br>Cross handle 1/2" No. 1987<br>Extension 1/2" No. 1990-5 -10<br>Cardan joint 1/2" No. 1995 | 31     | 6,6 |

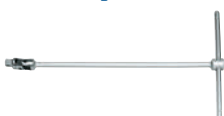
**1985**  
Speed brace 1/2"



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

| Code    | No.  | "    | mm   | mm  | kg    |
|---------|------|------|------|-----|-------|
| 6143350 | 1985 | 1/2" | 12,5 | 395 | 0,619 |

**1998**  
Swivel handle with sliding T 1/2"



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

| Code    | No.  | "    | mm   | mm  | kg    |
|---------|------|------|------|-----|-------|
| 6199730 | 1998 | 1/2" | 12,5 | 460 | 0,747 |

1996 - 1997  
Swivel handle 1/2"



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

| Code    | No.  | "    | mm   | mm  | kg    |
|---------|------|------|------|-----|-------|
| 6144830 | 1996 | 1/2" | 12,5 | 255 | 0,426 |
| 6144910 | 1997 | 1/2" | 12,5 | 381 | 0,593 |

1987  
Sliding T bar 1/2"



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

| Code    | No.  | "    | mm   | mm  | kg    |
|---------|------|------|------|-----|-------|
| 6143430 | 1987 | 1/2" | 12,5 | 292 | 0,386 |

1981 K  
L-handle 1/2"



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

| Code    | No.    | "    | mm   | mm  | kg    |
|---------|--------|------|------|-----|-------|
| 6143270 | 1981 K | 1/2" | 12,5 | 220 | 0,267 |

1987 A  
Sliding T bar with release 1/2"



- > Secured against unintentional removal
- > Simple locking and unlocking by turning the handle
- > Unintentional release during work is prevented by asymmetrical positioning of the release point
- > DBGM (German utility patent)

| Code    | No.    | "    | mm   | mm  | kg    |
|---------|--------|------|------|-----|-------|
| 1871641 | 1987 A | 1/2" | 12,5 | 292 | 0,375 |

1990  
Extension 1/2"



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

| Code    | No.        | "    | mm   | mm  | kg    |
|---------|------------|------|------|-----|-------|
| 6143510 | 1990-2.1/2 | 1/2" | 12,5 | 63  | 0,115 |
| 6143780 | 1990-3     | 1/2" | 12,5 | 76  | 0,137 |
| 6143860 | 1990-5     | 1/2" | 12,5 | 125 | 0,188 |
| 6142890 | 1990-7     | 1/2" | 12,5 | 180 | 0,264 |
| 6143940 | 1990-10    | 1/2" | 12,5 | 250 | 0,361 |
| 6129950 | 1990-12    | 1/2" | 12,5 | 305 | 0,45  |

1990 A  
Extension 1/2" with release



- > Easy access to deep-fitting screws in confined areas
- > No unintentional release due to safety ring
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174, ball locking device

| Code    | No.       | "    | mm   | mm  | kg    |
|---------|-----------|------|------|-----|-------|
| 1640828 | 1990 A-5  | 1/2" | 12,5 | 125 | 0,216 |
| 1640801 | 1990 A-10 | 1/2" | 12,5 | 250 | 0,386 |

### 1990 KR

Universal extension 1/2"



- > With ball end
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174, ball locking device
- > The extension is able to pivot up to 18°
- > Load capacity max. 230 N-m

| Code    | No.        | "    | mm   | mm  | kg    |
|---------|------------|------|------|-----|-------|
| 3128180 | 1990 KR-2  | 1/2" | 12,5 | 50  | 0,08  |
| 6173180 | 1990 KR-5  | 1/2" | 12,5 | 125 | 0,18  |
| 6225590 | 1990 KR-7  | 1/2" | 12,5 | 180 | 0,255 |
| 6366570 | 1990 KR-10 | 1/2" | 12,5 | 250 | 0,345 |

### 1990 M

Extension 1/2" with holding magnet



- > For hand-operated sockets with through hole and square drive according to DIN 3120, ISO 1174, with ball locking device
- > One-hand operation - the screw or nut can be screwed in immediately with the socket wrench insert
- > A strong permanent magnet keeps hold of even large screws
- > perfect for work in confined spaces

| Code    | No.    | "    | mm   | mm   | kg   |
|---------|--------|------|------|------|------|
| 2697920 | 1990 M | 1/2" | 12,5 | 81,5 | 0,11 |

## i 1990 M

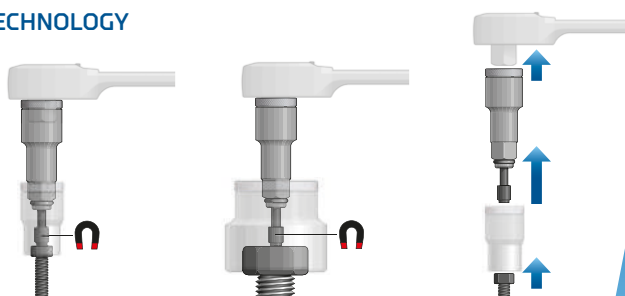
### Universal extension with magnetic effect

The essentially plain-looking universal extension in combination, for instance, with the right sockets and socket drivers is transformed into our secret star.

#### YOUR ADVANTAGE

- Secure fixing even of large screws
- One-handed operation Using the socket, the screw can be immediately screwed in
- Powerful magnet with spring mechanism ensures centric screw guidance.
- Makes work easier particularly in confined spaces

#### TECHNOLOGY



#### ONE-HAND OPERATION





**1995**  
Universal joint 1/2"



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

| Code    | No.  | □"   | □ mm | ■"   | ■ mm | ↳ mm ▷ |       |
|---------|------|------|------|------|------|--------|-------|
| 6144750 | 1995 | 1/2" | 12,5 | 1/2" | 12,5 | 72     | 0,159 |

**1994**  
Coupler 1/2"



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

| Code    | No.  | ■"   | ■ mm | ↳ mm ▷ |       |
|---------|------|------|------|--------|-------|
| 6144670 | 1994 | 1/2" | 12,5 | 38     | 0,045 |

**1930**  
Reducer 1/2" to 3/8"



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

| Code    | No.  | □"   | □ mm | ■"   | ■ mm | ↳ mm ▷ |       |
|---------|------|------|------|------|------|--------|-------|
| 6143000 | 1930 | 1/2" | 12,5 | 3/8" | 10   | 38,5   | 0,062 |

**1932**  
Convertor 1/2" to 3/4"



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

| Code    | No.  | □"   | □ mm | ■"   | ■ mm | ↳ mm ▷ |       |
|---------|------|------|------|------|------|--------|-------|
| 6143190 | 1932 | 1/2" | 12,5 | 3/4" | 20   | 44     | 0,128 |

**SL 1916**  
Tool holding rail, magnetic 1/2" empty



- > 12 Outer square edge suitable for sockets nominal size 12.5 (1/2")
- > 2 inner square adaptors for ratchets, sliding handles, extensions etc.

- > A strong magnet securely holds the socket rail to ferrous metals
- > Delivery without sockets

| Code    | No.     | Version                    | ↳ mm ▷ | mm |       |
|---------|---------|----------------------------|--------|----|-------|
| 1761102 | SL 1916 | for 16 pieces 1/2" inserts | 580    | 33 | 0,522 |

**VH 19**  
Spring steel socket rail 1/2"



12,5 1/2"

- > For 14 1/2" sockets
- > Delivery without tools

| Code    | No.   | ↳ mm | ⚖️    |
|---------|-------|------|-------|
| 5162520 | VH 19 | 405  | 0,065 |

**3293 U-10**  
Reversible ratchet 3/4"



3/4" 20

- > Acc. to DIN 3122, ISO 3315
- > With recessed lever change, locks in middle position
- > Return angle 11.25°
- > For hand-operated sockets and accessories with

square drive as per DIN 3120 - D 20, ISO 1174 with locking pin

| Code    | No.       | 3/4" | ■  | ∠°    | ↳ mm | mm   | ⚖️   |
|---------|-----------|------|----|-------|------|------|------|
| 6277980 | 3293 U-10 | 3/4" | 20 | 11,25 | 620  | 57,5 | 2,63 |

**3293 U-2**  
Reversible ratchet 3/4"



3/4" 20

- > Acc. to DIN 3122, ISO 3315
- > With disc change, fine-toothed and robust
- > Return angle 7.2°

> For hand-operated sockets and accessories with square drive as per DIN 3120 - D 20, ISO 1174 with locking pin

| Code    | No.      | 3/4" | ■  | ∠°  | ↳ mm | mm | ⚖️    |
|---------|----------|------|----|-----|------|----|-------|
| 6278600 | 3293 U-2 | 3/4" | 20 | 7,2 | 510  | 60 | 1,435 |

**3293 U-3**  
Reversible ratchet 3/4"



3/4" 20

- > Acc. to DIN 3122, ISO 3315
- > With non-slip metal disc change, fine-toothed (72 teeth) and robust
- > Return angle 5°

> For hand-operated sockets and accessories with square drive as per DIN 3120 - D 20, ISO 1174 with locking pin

| Code    | No.      | 3/4" | ■  | ∠° | ↳ mm | mm   | ⚖️   |
|---------|----------|------|----|----|------|------|------|
| 6278790 | 3293 U-3 | 3/4" | 20 | 5  | 620  | 62,5 | 2,61 |

**3293 Z-94**  
Ratchet handle 3/4"



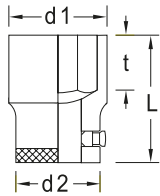
3/4" 20

- > Acc. to DIN 3122, ISO 3315
- > With square coupler, medium-fine toothed, extremely rugged
- > Return angle 10°

> For hand-operated sockets and accessories with square drive as per DIN 3120 - D 20, ISO 1174 with locking pin

| Code    | No.       | 3/4" | ■  | ∠° | ↳ mm | mm | ⚖️    |
|---------|-----------|------|----|----|------|----|-------|
| 6278950 | 3293 Z-94 | 3/4" | 20 | 10 | 510  | 31 | 1,301 |

**32**  
Socket 3/4"  
hexagon UD profile



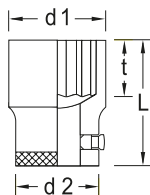
**20** **3/4"**

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
- > Hand-operated

**\* not standardised**

| Code     | No.   | mm | L    | d1   | d2   | t    | kg    |
|----------|-------|----|------|------|------|------|-------|
| 6269880* | 32 18 | 18 | 51,5 | 28,3 | 36,0 | 19,0 | 0,219 |
| 6270110* | 32 19 | 19 | 51,5 | 29,6 | 36,0 | 19,0 | 0,225 |
| 6269960  | 32 21 | 21 | 51,5 | 32,0 | 36,0 | 19,0 | 0,228 |
| 6270380  | 32 22 | 22 | 51,5 | 33,3 | 36,0 | 19,0 | 0,232 |
| 6270460  | 32 24 | 24 | 51,5 | 35,8 | 38,0 | 19,5 | 0,267 |
| 6270540  | 32 27 | 27 | 54,5 | 39,6 | 36,0 | 24,0 | 0,271 |
| 6270700  | 32 30 | 30 | 57,5 | 43,3 | 38,0 | 26,0 | 0,331 |
| 6270890  | 32 32 | 32 | 57,5 | 45,8 | 38,0 | 27,0 | 0,345 |
| 6270030* | 32 33 | 33 | 57,5 | 47,0 | 40,0 | 26,5 | 0,392 |
| 6279410  | 32 34 | 34 | 57,5 | 48,3 | 40,0 | 26,5 | 0,404 |
| 6270970  | 32 36 | 36 | 59,5 | 50,8 | 40,0 | 28,0 | 0,448 |
| 6271000* | 32 38 | 38 | 59,5 | 53,3 | 40,5 | 28,0 | 0,476 |
| 6271190  | 32 41 | 41 | 62,5 | 57,1 | 44,0 | 30,5 | 0,593 |
| 6271270  | 32 46 | 46 | 65,5 | 63,3 | 44,0 | 32,5 | 0,7   |
| 6271350  | 32 50 | 50 | 68,5 | 68,3 | 48,0 | 34,5 | 0,848 |
| 6271430  | 32 55 | 55 | 68,5 | 74,6 | 53,0 | 33,0 | 1,008 |
| 6271510  | 32 60 | 60 | 68,5 | 80,8 | 53,0 | 33,0 | 1,143 |

**D 32 (MM)**  
Socket 3/4"  
Bi-hexagon UD profile



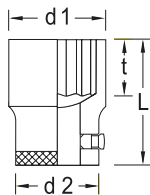
**20** **3/4"**

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
- > Hand-operated

**\* not standardised**

| Code     | No.     | mm | L    | d1   | d2   | t    | kg    |
|----------|---------|----|------|------|------|------|-------|
| 6272160* | D 32 19 | 19 | 51,5 | 36,0 | 29,6 | 19,0 | 0,221 |
| 6289800  | D 32 21 | 21 | 51,5 | 36,0 | 32,0 | 19,0 | 0,223 |
| 6272240  | D 32 22 | 22 | 51,5 | 36,0 | 33,3 | 19,0 | 0,227 |
| 6272320  | D 32 24 | 24 | 51,5 | 38,0 | 35,8 | 19,5 | 0,257 |
| 6272400  | D 32 27 | 27 | 54,5 | 36,0 | 39,6 | 24,0 | 0,255 |
| 6272670  | D 32 30 | 30 | 57,5 | 38,0 | 43,3 | 26,0 | 0,319 |
| 6272750  | D 32 32 | 32 | 57,5 | 38,0 | 45,8 | 27,0 | 0,332 |
| 6272830  | D 32 36 | 36 | 59,5 | 40,0 | 50,8 | 28,0 | 0,418 |
| 6272910* | D 32 38 | 38 | 59,5 | 40,5 | 53,3 | 28,0 | 0,441 |
| 6273050  | D 32 41 | 41 | 62,5 | 44,0 | 57,1 | 30,5 | 0,5   |
| 6273130  | D 32 46 | 46 | 65,5 | 44,0 | 63,3 | 32,5 | 0,641 |
| 6273210  | D 32 50 | 50 | 68,5 | 48,0 | 68,3 | 34,5 | 0,8   |
| 6273480  | D 32 55 | 55 | 68,5 | 53,0 | 74,6 | 33,0 | 0,961 |
| 6273560  | D 32 60 | 60 | 68,5 | 53,0 | 80,8 | 33,0 | 1,052 |

**D 32 (AF)**  
Socket 3/4"  
Bi-hexagon UD profile

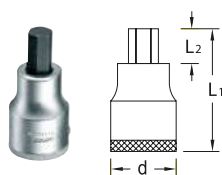


**20** **3/4"**

- > Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
- > Hand-operated

| Code    | No.            | mm       | L    | d1   | d2   | t    | kg    |
|---------|----------------|----------|------|------|------|------|-------|
| 6274020 | D 32 7/8AF     | 7/8"     | 51,5 | 36,0 | 33,6 | 19,0 | 0,227 |
| 6274100 | D 32 15/16AF   | 15/16"   | 51,5 | 38,0 | 35,6 | 19,5 | 0,262 |
| 6274290 | D 32 1AF       | 1"       | 51,5 | 36,0 | 37,6 | 22,0 | 0,229 |
| 6274370 | D 32 1.1/16AF  | 1.1/16"  | 54,5 | 36,0 | 39,6 | 24,0 | 0,256 |
| 6274450 | D 32 1.1/8AF   | 1.1/8"   | 54,5 | 36,0 | 41,5 | 24,0 | 0,268 |
| 6274530 | D 32 1.1/4AF   | 1.1/4"   | 57,5 | 38,0 | 45,5 | 27,0 | 0,333 |
| 6274610 | D 32 1.5/16AF  | 1.5/16"  | 57,5 | 40,0 | 47,5 | 26,5 | 0,377 |
| 6274880 | D 32 1.3/8AF   | 1.3/8"   | 59,5 | 40,0 | 49,5 | 28,0 | 0,407 |
| 6274960 | D 32 1.7/16AF  | 1.7/16"  | 59,5 | 40,0 | 51,4 | 28,0 | 0,413 |
| 6275180 | D 32 1.1/2AF   | 1.1/2"   | 59,5 | 40,5 | 53,3 | 28,0 | 0,431 |
| 6275260 | D 32 1.5/8AF   | 1.5/8"   | 62,5 | 44,0 | 57,4 | 30,5 | 0,539 |
| 6275340 | D 32 1.11/16AF | 1.11/16" | 62,5 | 44,0 | 59,4 | 30,5 | 0,568 |
| 6275420 | D 32 1.3/4AF   | 1.3/4"   | 65,5 | 44,0 | 61,4 | 32,5 | 0,627 |
| 6275500 | D 32 1.13/16AF | 1.13/16" | 65,5 | 44,0 | 63,3 | 32,5 | 0,637 |
| 6275690 | D 32 1.7/8AF   | 1.7/8"   | 65,5 | 44,0 | 65,3 | 32,5 | 0,664 |
| 6275770 | D 32 2AF       | 2"       | 68,5 | 48,0 | 69,2 | 34,5 | 0,811 |

**IN 32**  
Screwdriver  
bit socket 3/4"  
for in-hex screws,  
long pattern

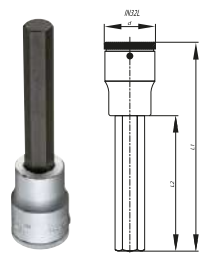


20 3/4"

- > Acc. to DIN 7422
- > Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
- > Hand-operated

| Code    | No.      | mm | L1 | L2   | d  | kg    |
|---------|----------|----|----|------|----|-------|
| 6275850 | IN 32 14 | 14 | 80 | 25,5 | 38 | 0,352 |
| 6275930 | IN 32 17 | 17 | 80 | 25,5 | 38 | 0,394 |
| 6276070 | IN 32 19 | 19 | 80 | 25,5 | 38 | 0,433 |
| 6276150 | IN 32 22 | 22 | 80 | 25,5 | 38 | 0,482 |

**IN 32 L**  
Screwdriver  
bit socket 3/4"  
for in-hex screws,  
long pattern



20 3/4"

- > Acc. to DIN 7422
- > Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
- > Hand-operated

| Code    | No.            | mm | L1  | L2    | d  | kg    |
|---------|----------------|----|-----|-------|----|-------|
| 2003503 | IN 32 L 14-155 | 14 | 155 | 100,0 | 38 | 0,452 |
| 1353705 | IN 32 L 17-155 | 17 | 155 | 100,0 | 38 | 0,54  |
| 2003511 | IN 32 L 19-155 | 19 | 155 | 100,0 | 38 | 0,61  |
| 2003538 | IN 32 L 22-155 | 22 | 155 | 100,0 | 38 | 0,73  |

**ITX 32**  
Screwdriver  
bit socket 3/4"  
for recessed  
TX screws, short



20 3/4"

- > Square drive as per DIN 3120 - D 20, ISO 1174, with locking pin
- > Hand-operated

| Code    | No.         |      | M   | mm    | L1 | L2   | d  | kg    |
|---------|-------------|------|-----|-------|----|------|----|-------|
| 6271780 | ITX 32 T60  | T60  | M14 | 13,25 | 80 | 25,5 | 38 | 0,346 |
| 6272080 | ITX 32 T70  | T70  | M16 | 15,55 | 80 | 25,5 | 38 | 0,383 |
| 6273640 | ITX 32 T80  | T80  | M18 | 17,58 | 80 | 25,5 | 38 | 0,416 |
| 6276230 | ITX 32 T90  | T90  | M20 | 19,95 | 80 | 26,0 | 38 | 0,455 |
| 6276310 | ITX 32 T100 | T100 | M14 | 21,16 | 80 | 25,5 | 38 | 0,461 |

**3296**  
Swivel handle 3/4"



- > Acc. to DIN 3122, ISO 3315
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  | "    | mm | mm  | kg    |
|---------|------|------|----|-----|-------|
| 6279250 | 3296 | 3/4" | 20 | 547 | 1,965 |

**3287**  
Sliding T bar 3/4"



- > Acc. to DIN 3122, ISO 3315
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  | "    | mm | mm  | kg    |
|---------|------|------|----|-----|-------|
| 6278360 | 3287 | 3/4" | 20 | 500 | 1,161 |

**3290**  
Extension 3/4"



- > Acc. to DIN 3123, ISO 3316
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.     | "    | mm | mm  | kg    |
|---------|---------|------|----|-----|-------|
| 6278440 | 3290-8  | 3/4" | 20 | 200 | 0,574 |
| 6278520 | 3290-16 | 3/4" | 20 | 400 | 1,079 |

**3295**  
Universal joint 3/4"



- > Acc. to DIN 3123, ISO 3316
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  | "    | mm   | "    | mm | mm  | kg   |
|---------|------|------|------|------|----|-----|------|
| 6279170 | 3295 | 3/4" | 20,0 | 3/4" | 20 | 108 | 0,58 |

**3294**  
Coupler 3/4"



- > Acc. to DIN 3122, ISO 3315
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  | "    | mm | mm   | kg    |
|---------|------|------|----|------|-------|
| 6279090 | 3294 | 3/4" | 20 | 51,5 | 0,133 |

**3219**  
Reducer 3/4" to 1/2"



- > Acc. to DIN 3123, ISO 3316
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  | "    | mm   | "    | mm   | mm | kg    |
|---------|------|------|------|------|------|----|-------|
| 6278010 | 3219 | 3/4" | 20,0 | 1/2" | 12,5 | 56 | 0,168 |

**3221**  
Convertor 3/4" to 1"



- > Acc. to DIN 3123, ISO 3316
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  | "    | mm   | "  | mm | mm | kg    |
|---------|------|------|------|----|----|----|-------|
| 6278280 | 3221 | 3/4" | 20,0 | 1" | 25 | 60 | 0,337 |

**D 32 EA**  
Socket set 3/4"  
14 pieces



**20** **3/4"**

- > With hand operated 12-point UD profile sockets
- > With operating tools
- > Set U-2 with fine toothed, dial change ratchet
- > Set Z-94 with ratchet with square coupler
- > In GEDORE blue sheet steel case

| Code           | No.        | Contents   | Pieces | kg     |
|----------------|------------|--|--------|--------|
| <b>6280690</b> | D 32 EAU-2 | reversible ratchet 3/4" No. 3293 U-2<br>Socket wrench insert 3/4" 12-edged UD profile No. D 32 15/16<br>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<br>Cross handle 3/4" No. 3287<br>Extension 3/4" No. 3290-8 -16 | 14     | 11,265 |

**D 32 EMAU-2**  
Socket set 3/4"  
25 pieces



**20** **3/4"**

- > With hand operated 12-point UD profile sockets
- > With operating tools
- > With fine toothed, dial change ratchet
- > In GEDORE blue sheet steel case

| Code           | No.         | Contents  | Pieces | kg    |
|----------------|-------------|---|--------|-------|
| <b>6281310</b> | D 32 EMAU-2 | reversible ratchet 3/4" No. 3293 U-2<br>Socket wrench insert 3/4" 12-point UD profile No. D 32<br>22 24 27 30 32 36 41 46 50<br>Socket wrench insert 3/4" 12-point UD profile No. D 32<br>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<br>1.7/8 2"<br>Cross handle 3/4" No. 3287<br>Extension 3/4" No. 3290-8 -16 | 25     | 18,17 |

**32 EM / D 32 EM**  
Socket set 3/4"  
14 pieces



**20** **3/4"**

- > With hand operated hexagonal (No. 32) or 12-point UD profile (No. D 32) Sockets
- > With operating tools
- > Set U-2 with fine toothed, dial change ratchet
- > Set Z-94 with ratchet with square coupler
- > In GEDORE blue sheet steel case

| Code           | No.        | Contents   | Pieces | kg    |
|----------------|------------|--|--------|-------|
| <b>6280180</b> | 32 EMZ     | Ratchet 3/4" No. 3293 Z-94<br>Socket wrench insert 3/4" hexagon UD profile No. 32<br>22 24 27 30 32 36 38 41 46 50<br>Cross handle 3/4" No. 3287<br>Extension 3/4" No. 3290-8 -16              | 14     | 11,4  |
| <b>6280340</b> | 32 EMU-2   | reversible ratchet 3/4" No. 3293 U-2<br>Socket wrench insert 3/4" hexagon UD profile No. 32<br>22 24 27 30 32 36 38 41 46 50<br>Cross handle 3/4" No. 3287<br>Extension 3/4" No. 3290-8 -16    | 14     | 11,6  |
| <b>6280420</b> | D 32 EMU-2 | reversible ratchet 3/4" No. 3293 U-2<br>Socket wrench insert 3/4" 12-point UD profile No. D 32<br>22 24 27 30 32 36 38 41 46 50<br>Cross handle 3/4" No. 3287<br>Extension 3/4" No. 3290-8 -16 | 14     | 11,09 |

**32 FM / D 32 FM**  
Socket set 3/4"  
16 pieces



**20** **3/4"**

- > With hand operated hexagonal (No. 32) or 12-point UD profile (No. D 32) Sockets
- > With operating tools
- > Set U-2 with fine toothed, dial change ratchet
- > Set Z-94 with ratchet with square coupler
- > In GEDORE blue sheet steel case

| Code           | No.        | Contents   | Pieces | kg   |
|----------------|------------|--|--------|------|
| <b>6280930</b> | 32 FMZ     | Ratchet 3/4" No. 3293 Z-94<br>Socket wrench insert 3/4" 12-point UD profile No. 32<br>22 24 27 30 32 36 38 41 46 50 55 60<br>Cross handle 3/4" No. 3287<br>Extension 3/4" No. 3290-8 -16             | 16     | 15,6 |
| <b>6281150</b> | 32 FMU-2   | reversible ratchet 3/4" No. 3293 U-2<br>Socket wrench insert 3/4" hexagon UD profile No. 32<br>22 24 27 30 32 36 38 41 46 50 55 60<br>Cross handle 3/4" No. 3287<br>Extension 3/4" No. 3290-8 -16    | 16     | 15,8 |
| <b>6281230</b> | D 32 FMU-2 | reversible ratchet 3/4" No. 3293 U-2<br>Plug-in key insert 3/4" 12-point UD profile No. D 32 2<br>22 24 27 30 32 36 38 41 46 50 55 60<br>Cross handle 3/4" No. 3287<br>Extension 3/4" No. 3290-8 -16 | 16     | 15,2 |



**D 21 EMU-10**

Socket set 1"  
15 pieces



**25 1"**

- > With hand operated 12-point UD profile sockets
- > With operating tools
- > With robust lever-change reversible ratchet
- > In GEDORE blue sheet steel case

| Code           | No.         | Contents   | Pieces |      |
|----------------|-------------|--|--------|------|
| <b>6181600</b> | D 21 EMU-10 | Reversible ratchet head 1" No. 2193 U-10 K<br>Socket wrench insert 1" 12-point UD profile No. D 21<br>36 41 46 50 55 60 65 65 70 75 80<br>Extension 1" No. 2190-8 -16<br>Cross handle 1" No. 2187 G 2187 K | 15     | 32,8 |

**2193 U-10**

Reversible ratchet 1"



**1" 25**

- > Acc. to DIN 3122, ISO 3315
- > With recessed lever change, locks in middle position
- > Return angle 11.25°
- > For hand-operated sockets and accessories with

square drive as per DIN 3120 - D 25, ISO 1174 with locking pin

| Code           | No.       | 1" | 25 |       | mm  | mm   |      |
|----------------|-----------|----|----|-------|-----|------|------|
| <b>6180550</b> | 2193 U-10 | 1" | 25 | 11,25 | 810 | 61,5 | 5,21 |

**2193 U-3**

Reversible ratchet 1"



**1" 25**

- > Acc. to DIN 3122, ISO 3315
- > With non-slip metal, fine-toothed (72 teeth) and robust
- > Return angle 5°

> For hand-operated sockets and accessories with square drive as per DIN 3120 - D 25, ISO 1174 with locking pin

| Code           | No.        | 1" | 25 |   | mm  | mm |      |
|----------------|------------|----|----|---|-----|----|------|
| <b>6180630</b> | 2193 U-3   | 1" | 25 | 5 | 720 | 76 | 4,16 |
| <b>1637487</b> | 2193 U-3 K | 1" | 25 | 5 | 200 | 76 | 2    |

**2193 Z-94**

Ratchet handle 1"



**1" 25**

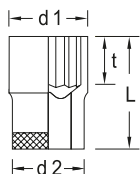
- > Acc. to DIN 3122, ISO 3315
- > With square coupler, medium-fine toothed, extremely rugged
- > Return angle 9°

> For hand-operated sockets and accessories with square drive as per DIN 3120 - D 25, ISO 1174 with locking pin

| Code           | No.       | 1" | 25 |   | mm  | mm |       |
|----------------|-----------|----|----|---|-----|----|-------|
| <b>6181520</b> | 2193 Z-94 | 1" | 25 | 9 | 720 | 41 | 4,115 |

**D 21 (MM)**

Socket 1"  
Bi-hexagon  
UD profile

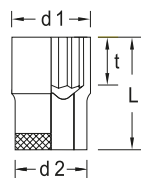


**25 1"**

- > Acc. to DIN 3124, ISO 2725-1
- > Square drive as per DIN 3120 - D 25, ISO 1174, with locking pin
- > Hand-operated

**\* not standardised**

| Code            | No.     |    | L  | d1   | d2    | t    |       |
|-----------------|---------|----|----|------|-------|------|-------|
| <b>6174900*</b> | D 21 36 | 36 | 70 | 48,0 | 53,9  | 30,0 | 0,6   |
| <b>6175040</b>  | D 21 41 | 41 | 70 | 50,0 | 60,1  | 30,5 | 0,688 |
| <b>6175120</b>  | D 21 46 | 46 | 75 | 50,0 | 66,4  | 33,5 | 0,842 |
| <b>6175200</b>  | D 21 50 | 50 | 75 | 50,0 | 71,4  | 35,0 | 0,908 |
| <b>6175390</b>  | D 21 55 | 55 | 80 | 50,0 | 77,6  | 37,5 | 1,129 |
| <b>6175470</b>  | D 21 60 | 60 | 85 | 50,0 | 83,9  | 41,0 | 1,376 |
| <b>6175550</b>  | D 21 65 | 65 | 88 | 59,5 | 90,1  | 44,5 | 1,7   |
| <b>6175630</b>  | D 21 70 | 70 | 92 | 59,5 | 96,4  | 48,0 | 1,984 |
| <b>6175710</b>  | D 21 75 | 75 | 95 | 59,5 | 102,6 | 51,0 | 2,225 |
| <b>6175980</b>  | D 21 80 | 80 | 97 | 59,5 | 108,9 | 54,0 | 2,454 |

**D 21 (AF)**  
 Socket 1"  
 bi-hexagon

**25** **1"**

- Square drive as per DIN 3120 - D 25, ISO 1174, with locking pin
- Hand-operated

| Code    | No.            |          | L  | d1   | d2    | t    |       |
|---------|----------------|----------|----|------|-------|------|-------|
| 6176520 | D 21 1.1/2AF   | 1.1/2"   | 70 | 48,0 | 56,5  | 30,0 | 0,649 |
| 6176600 | D 21 1.5/8AF   | 1.5/8"   | 70 | 50,0 | 60,1  | 30,5 | 0,701 |
| 6176870 | D 21 1.13/16AF | 1.13/16" | 75 | 50,0 | 66,4  | 33,5 | 0,835 |
| 6176950 | D 21 1.7/8AF   | 1.7/8"   | 75 | 50,0 | 68,4  | 33,5 | 0,89  |
| 6177090 | D 21 2AF       | 2"       | 75 | 50,0 | 72,4  | 35,0 | 0,944 |
| 6177170 | D 21 2.1/16AF  | 2.1/16"  | 75 | 50,0 | 74,0  | 35,0 | 0,987 |
| 6177250 | D 21 2.3/16AF  | 2.3/16"  | 80 | 50,0 | 78,3  | 37,5 | 1,181 |
| 6177330 | D 21 2.1/4AF   | 2.1/4"   | 80 | 50,0 | 80,3  | 37,5 | 1,23  |
| 6177410 | D 21 2.3/8AF   | 2.3/8"   | 85 | 50,0 | 83,9  | 41,0 | 1,398 |
| 6177680 | D 21 2.7/16AF  | 2.7/16"  | 85 | 50,0 | 86,2  | 41,0 | 1,544 |
| 6177760 | D 21 2.9/16AF  | 2.9/16"  | 88 | 59,5 | 90,1  | 44,5 | 1,788 |
| 6177840 | D 21 2.5/8AF   | 2.5/8"   | 88 | 59,5 | 92,2  | 44,5 | 1,813 |
| 6177920 | D 21 2.3/4AF   | 2.3/4"   | 92 | 59,5 | 96,4  | 48,0 | 2,065 |
| 6178060 | D 21 2.13/16AF | 2.3/16"  | 92 | 59,5 | 98,2  | 48,0 | 2,14  |
| 6178140 | D 21 2.15/16AF | 2.15/16" | 95 | 59,5 | 102,6 | 51,0 | 2,307 |
| 6178220 | D 21 3AF       | 3"       | 95 | 59,5 | 104,1 | 51,0 | 2,349 |
| 6178300 | D 21 3.1/8AF   | 3.1/8"   | 97 | 59,5 | 108,9 | 54,0 | 2,556 |

**IN 21**  
 Screwdriver  
 bit socket 1"  
 for in-hex screws

**25** **1"**

- Acc. to DIN 7422
- Square drive as per DIN 3120 - D 25, ISO 1174, with locking pin
- Hand-operated

**\* not standardised**

| Code     | No.      |    | L1 | L2   | d  |       |
|----------|----------|----|----|------|----|-------|
| 6181010  | IN 21 17 | 17 | 90 | 25,5 | 48 | 0,613 |
| 6181280  | IN 21 19 | 19 | 90 | 25,5 | 48 | 0,676 |
| 6181360  | IN 21 22 | 22 | 90 | 25,5 | 48 | 0,733 |
| 6181440  | IN 21 24 | 24 | 90 | 25,5 | 48 | 0,784 |
| 6200680* | IN 21 27 | 27 | 90 | 25,5 | 48 | 0,856 |

**2187**  
 Sliding T bar 1"


- Acc. to DIN 3122, ISO 3315
- For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  |    |    |     |       |
|---------|------|----|----|-----|-------|
| 6180120 | 2187 | 1" | 25 | 700 | 3,955 |

**2190**  
 Extension 1"


- Acc. to DIN 3123, ISO 3316
- For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.     |    |    |     |       |
|---------|---------|----|----|-----|-------|
| 6180200 | 2190-8  | 1" | 25 | 200 | 1,182 |
| 6180390 | 2190-16 | 1" | 25 | 400 | 2,144 |

**2195**  
 Universal joint 1"


- For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  |    |      |    |    |     |       |
|---------|------|----|------|----|----|-----|-------|
| 6180980 | 2195 | 1" | 25,0 | 1" | 25 | 140 | 1,482 |

**2194**  
Coupler 1"



- > Acc. to DIN 3122, ISO 3315
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  | □" | □ mm | ↳ mm | kg    |
|---------|------|----|------|------|-------|
| 6180710 | 2194 | 1" | 25   | 67,5 | 0,321 |

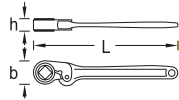
**2132**  
Reducer 1" to 3/4"



- > Acc. to DIN 3123, ISO 3316
- > For hand-operated sockets and accessories with square drive as per DIN 3120, ISO 1174 with locking pin

| Code    | No.  | □" | □ mm | □"   | □ mm | ↳ mm | kg    |
|---------|------|----|------|------|------|------|-------|
| 6180040 | 2132 | 1" | 25,0 | 3/4" | 20   | 75   | 0,504 |

**31 KR**  
Friction ratchet handle with insert ring  
UD profile or bi-hexagon

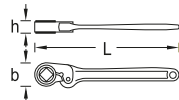


- > Friction key (No. 31 K) with exchangeable insert rings (No. 31 R)
- > Especially suitable for steel and scaffolding construction

- > Up to 30" flat shaft, from 35" with slip-on tube
- > Explanation of the article number: 31 KR 16-32 = ratchet 31 K 16" and insert ring 31 R 32 mm

| Code    | No.         | ⊙  | L    | L" | h    | b     | kg    |
|---------|-------------|----|------|----|------|-------|-------|
| 6254850 | 31 KR 12-24 | 24 | 305  | 12 | 18,5 | 44,6  | 0,497 |
| 6255150 | 31 KR 12-27 | 27 | 305  | 12 | 18,5 | 44,6  | 0,474 |
| 6255230 | 31 KR 12-28 | 28 | 305  | 12 | 18,5 | 44,6  | 0,466 |
| 6255580 | 31 KR 16-30 | 30 | 19,5 | 16 | 19,5 | 51,6  | 0,709 |
| 6255740 | 31 KR 16-32 | 32 | 400  | 16 | 19,5 | 51,6  | 0,684 |
| 6256120 | 31 KR 20-36 | 36 | 500  | 20 | 21,5 | 63,6  | 1,162 |
| 6256470 | 31 KR 20-41 | 41 | 500  | 20 | 21,5 | 63,6  | 1,098 |
| 6256550 | 31 KR 25-46 | 46 | 635  | 25 | 31,5 | 78,1  | 2,302 |
| 6256630 | 31 KR 25-50 | 50 | 635  | 25 | 31,5 | 78,1  | 2,213 |
| 6256710 | 31 KR 30-55 | 55 | 760  | 30 | 33,5 | 92,0  | 3,011 |
| 6256980 | 31 KR 30-60 | 60 | 760  | 30 | 33,5 | 92,0  | 2,879 |
| 6257010 | 31 KR 35-65 | 65 | 940  | 35 | 36,5 | 105,0 | 7,204 |
| 6257440 | 31 KR 40-80 | 80 | 960  | 40 | 39,5 | 118,0 | 7,392 |

**31 K**  
Friction ratchet handle without insert ring



- > Friction spanner for insert rings 31 R and 31 VR



- > Especially suitable for steel and scaffolding construction

| Code    | No.     | ⊙     | L   | L" | Head ⌀ | kg    |
|---------|---------|-------|-----|----|--------|-------|
| 6243300 | 31 K 12 | 24-28 | 305 | 12 | 40     | 0,406 |
| 6243490 | 31 K 16 | 30-32 | 400 | 16 | 46     | 0,6   |
| 6243570 | 31 K 20 | 34-41 | 500 | 20 | 57     | 0,961 |
| 6243650 | 31 K 25 | 46-50 | 635 | 25 | 70     | 1,88  |
| 6243730 | 31 K 30 | 46-50 | 760 | 30 | 82     | 2,435 |
| 6243810 | 31 K 35 | 65-70 | 940 | 35 | 96     | 6,305 |
| 6244030 | 31 K 40 | 75-80 | 960 | 40 | 108    | 6,48  |

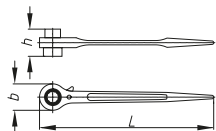
**31 R**  
Insert ring  
for friction ratchet  
UD profile or  
bi-hexagon




> Vanadium steel 31CrV3,  
manganese-phosphated

| Code    | No.     | ⊙  | ∅     |  |  |
|---------|---------|----|-------|---|---|
| 6245270 | 31 R 10 | 10 | 19,7  | 6   | 0,018   |
| 6245510 | 31 R 13 | 13 | 19,7  | 6   | 0,011   |
| 6245780 | 31 R 14 | 14 | 27,6  | 8   | 0,047   |
| 6245860 | 31 R 15 | 15 | 27,6  | 8   | 0,044   |
| 6246160 | 31 R 18 | 18 | 33,6  | 10  | 0,075   |
| 6246400 | 31 R 21 | 21 | 33,6  | 10  | 0,059   |
| 6246750 | 31 R 24 | 24 | 39,6  | 12  | 0,091   |
| 6246910 | 31 R 26 | 26 | 39,6  | 12  | 0,076   |
| 6247050 | 31 R 27 | 27 | 39,6  | 12  | 0,069   |
| 6247130 | 31 R 28 | 28 | 39,6  | 12  | 0,061   |
| 6247480 | 31 R 30 | 30 | 45,6  | 16  | 0,109   |
| 6247640 | 31 R 32 | 32 | 45,6  | 16  | 0,084   |
| 6248020 | 31 R 36 | 36 | 56,6  | 20  | 0,201   |
| 6248370 | 31 R 41 | 41 | 56,6  | 20  | 0,137   |
| 6248450 | 31 R 46 | 46 | 70,0  | 25  | 0,422   |
| 6248530 | 31 R 50 | 50 | 70,0  | 25  | 0,333   |
| 6248610 | 31 R 55 | 55 | 82,0  | 30  | 0,576   |
| 6248880 | 31 R 60 | 60 | 82,0  | 30  | 0,444   |
| 6248960 | 31 R 65 | 65 | 96,0  | 35  | 0,899   |
| 6249180 | 31 R 70 | 70 | 96,0  | 35  | 0,718   |
| 6249260 | 31 R 75 | 75 | 108,0 | 40  | 1,163   |
| 6249340 | 31 R 80 | 80 | 108,0 | 40  | 0,912   |

**29**  
Construction ratchet  
bi-hexagon





> reversible ratchet with  
2 width across flats,  
double hexagon, and  
centre point  
> Especially suitable for  
steel and scaffolding  
construction

| Code    | No.      | ⊙       | L   | h    | b    |  |
|---------|----------|---------|-----|------|------|---|
| 1648934 | 29 17X19 | 17 x 19 | 315 | 49   | 42,0 | 0,463   |
| 1382853 | 29 19X22 | 19 x 22 | 315 | 49,5 | 42,0 | 0,448   |
| 1648926 | 29 19X24 | 19 x 24 | 365 | 56   | 51,5 | 0,757   |
| 6262790 | 29 24X30 | 24 x 30 | 402 | 63   | 61,0 | 1,378   |
| 6262950 | 29 27X32 | 27 x 32 | 402 | 63   | 61,0 | 1,278   |
| 6263170 | 29 36X41 | 36 x 41 | 495 | 74   | 76,0 | 1,377   |

**41 - 41 B**  
Reversible-ratchet





> With permanently fixed  
UD profile insert

| Code    | No.     | ⊙  | ∠°    | mm  | - mm |  |
|---------|---------|----|-------|--|------|---|
| 6338950 | 41 27   | 27 | 11,25 | 27,9   | 620  | 2,41  |
| 6339170 | 41 30   | 30 | 11,25 | 27,9   | 620  | 2,365   |
| 6339250 | 41 32   | 32 | 11,25 | 27,9   | 620  | 2,33  |
| 6338360 | 41 B 36 | 36 | 15    | 43   | 910  | 5,025   |
| 6338440 | 41 B 41 | 41 | 15    | 43   | 910  | 4,895   |
| 6338520 | 41 B 46 | 46 | 15    | 43   | 910  | 4,725   |

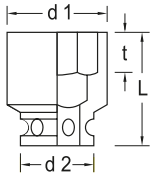
**41 V - 41 BV**  
Reversible-ratchet



> With permanently fixed  
square insert  
> Especially suitable for  
steel and scaffolding  
construction

| Code    | No.      | ⊙  | ∠°    | mm  | - mm |  |
|---------|----------|----|-------|--|------|---|
| 6339410 | 41 V 19  | 19 | 11,25 | 27,9   | 620  | 2,475   |
| 6339680 | 41 V 22  | 22 | 11,25 | 27,9   | 620  | 2,45  |
| 6339760 | 41 V 24  | 24 | 11,25 | 27,9   | 620  | 2,42  |
| 6339840 | 41 V 27  | 27 | 11,25 | 27,9   | 620  | 2,385   |
| 6338600 | 41 BV 30 | 30 | 15    | 43   | 910  | 5,115   |
| 6339330 | 41 BV 32 | 32 | 15    | 43   | 910  | 5,075   |
| 6339920 | 41 BV 36 | 36 | 15    | 43   | 910  | 4,97  |

**K 20 (MM)**  
Impact socket 1/4"  
hexagon



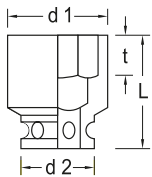
6,3 1/4"

- > Acc. to DIN 3129, ISO 2725-2
- > Machine-operated
- > Square drive as per DIN 3121 - G 6,3, ISO 1174

**\* not standardised**

| Code     | No.      | mm  | L    | d1   | d2   | t   | Recommended accessories | kg    |
|----------|----------|-----|------|------|------|-----|-------------------------|-------|
| 6198090  | K 20 5,5 | 5,5 | 23,0 | 9,5  | 13,0 | 3,0 | KB 2070, KB 2075        | 0,016 |
| 6198170  | K 20 6   | 6   | 23,0 | 10,0 | 13,0 | 3,0 | KB 2070, KB 2075        | 0,016 |
| 6198250  | K 20 7   | 7   | 23,0 | 11,3 | 13,0 | 3,0 | KB 2070, KB 2075        | 0,016 |
| 6198330  | K 20 8   | 8   | 23,0 | 12,5 | 13,0 | 4,0 | KB 2070, KB 2075        | 0,016 |
| 6198410  | K 20 9   | 9   | 23,0 | 13,8 | 13,0 | 4,0 | KB 2070, KB 2075        | 0,017 |
| 6198680  | K 20 10  | 10  | 23,0 | 15,0 | 13,0 | 5,0 | KB 2070, KB 2075        | 0,018 |
| 6198760  | K 20 11  | 11  | 23,0 | 16,3 | 13,0 | 5,0 | KB 2070, KB 2075        | 0,02  |
| 6198840  | K 20 12  | 12  | 23,0 | 17,0 | 13,0 | 6,0 | KB 2070, KB 2075        | 0,023 |
| 6198920  | K 20 13  | 13  | 23,0 | 18,8 | 13,0 | 6,0 | KB 2070, KB 2075        | 0,024 |
| 6199060* | K 20 14  | 14  | 25,0 | 20,0 | 13,0 | 7,0 | KB 2070, KB 2075        | 0,02  |
| 6199140* | K 20 17  | 17  | 26,0 | 23,8 | 13,0 | 7,0 | KB 2070, KB 2075        | 0,037 |

**K 20 (AF)**  
Impact socket 1/4"  
hexagon



6,3 1/4"

- > Machine-operated
- > Square drive as per DIN 3121 - G 6,3, ISO 1174

| Code    | No.         | AF    | L    | d1   | d2   | t   | Recommended accessories | kg    |
|---------|-------------|-------|------|------|------|-----|-------------------------|-------|
| 6199220 | K 20 3/16AF | 3/16" | 23,0 | 8,5  | 13,0 | 3,0 | KB 2070, KB 2075        | 0,015 |
| 6199300 | K 20 1/4AF  | 1/4"  | 23,0 | 10,3 | 13,0 | 3,0 | KB 2070, KB 2075        | 0,017 |
| 6199490 | K 20 5/16AF | 5/16" | 23,0 | 12,5 | 13,0 | 3,0 | KB 2070, KB 2075        | 0,016 |
| 6199570 | K 20 3/8AF  | 3/8"  | 23,0 | 15,0 | 13,0 | 4,0 | KB 2070, KB 2075        | 0,018 |
| 6199650 | K 20 7/16AF | 7/16" | 23,0 | 16,3 | 13,0 | 6,0 | KB 2070, KB 2075        | 0,021 |

**KB 2070**  
Retaining ring for  
impact sockets 1/4"



| Code    | No.     | Designation           | Ø   | kg    |
|---------|---------|-----------------------|-----|-------|
| 6200920 | KB 2070 | Retaining ring d 9 mm | 9,0 | 0,005 |

**KB 2075**  
Safety pin for  
impact sockets 1/4"



| Code    | No.     | Designation         | Ø   | mm | kg    |
|---------|---------|---------------------|-----|----|-------|
| 6201060 | KB 2075 | Safety pin d 1,5 mm | 1,5 | 10 | 0,005 |

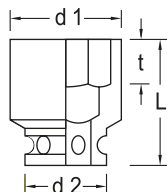
**KB 2090**  
Extension 1/4"  
for impact sockets



- > With square drive as per DIN 3121 - G 6,3, ISO 1174

| Code    | No.       | "    | mm  | mm | kg    |
|---------|-----------|------|-----|----|-------|
| 6201140 | KB 2090-2 | 1/4" | 6,3 | 50 | 0,026 |

**K 30**  
Impact socket 3/8"  
hexagon

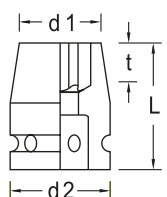


- > Acc. to DIN 3129, ISO 2725-2
- > Machine-operated
- > Square drive as per DIN 3121 - G 10, ISO 1174

\* not standardised

| Code     | No.     | mm | L    | d1   | d2   | t    | Recommended accessories      | kg    |
|----------|---------|----|------|------|------|------|------------------------------|-------|
| 6251160* | K 30 6  | 6  | 30,0 | 11,0 | 19,0 | 3,0  | KB 3070 6-12, KB 3075 6-12   | 0,045 |
| 6251240  | K 30 7  | 7  | 30,0 | 12,5 | 19,0 | 3,0  | KB 3070 6-12, KB 3075 6-12   | 0,046 |
| 6251320  | K 30 8  | 8  | 30,0 | 14,5 | 19,0 | 4,0  | KB 3070 6-12, KB 3075 6-12   | 0,046 |
| 6251400  | K 30 9  | 9  | 30,0 | 15,0 | 19,0 | 4,0  | KB 3070 6-12, KB 3075 6-12   | 0,046 |
| 6251590  | K 30 10 | 10 | 30,0 | 16,0 | 19,0 | 5,0  | KB 3070 6-12, KB 3075 6-12   | 0,046 |
| 6251670  | K 30 11 | 11 | 30,0 | 17,5 | 19,0 | 5,0  | KB 3070 6-12, KB 3075 6-12   | 0,046 |
| 6251750  | K 30 12 | 12 | 30,0 | 19,0 | 19,0 | 6,0  | KB 3070 6-12, KB 3075 6-12   | 0,046 |
| 6251830  | K 30 13 | 13 | 30,0 | 19,0 | 22,0 | 6,0  | KB 3070 13-24, KB 3075 13-24 | 0,063 |
| 6251910  | K 30 14 | 14 | 30,0 | 21,0 | 22,0 | 7,0  | KB 3070 13-24, KB 3075 13-24 | 0,063 |
| 6252050  | K 30 15 | 15 | 30,0 | 22,0 | 22,0 | 7,0  | KB 3070 13-24, KB 3075 13-24 | 0,062 |
| 6252130  | K 30 16 | 16 | 30,0 | 24,0 | 22,0 | 8,0  | KB 3070 13-24, KB 3075 13-24 | 0,066 |
| 6252210  | K 30 17 | 17 | 30,0 | 25,0 | 22,0 | 9,0  | KB 3070 13-24, KB 3075 13-24 | 0,068 |
| 6252480  | K 30 18 | 18 | 30,0 | 26,0 | 22,0 | 9,0  | KB 3070 13-24, KB 3075 13-24 | 0,075 |
| 6252560  | K 30 19 | 19 | 30,0 | 27,5 | 22,0 | 9,5  | KB 3070 13-24, KB 3075 13-24 | 0,076 |
| 6252640* | K 30 20 | 20 | 30,0 | 28,0 | 22,0 | 10,0 | KB 3070 13-24, KB 3075 13-24 | 0,084 |
| 6252720* | K 30 21 | 21 | 30,0 | 30,0 | 22,0 | 11,0 | KB 3070 13-24, KB 3075 13-24 | 0,089 |
| 6252800* | K 30 22 | 22 | 30,0 | 32,0 | 23,0 | 11,0 | KB 3070 13-24, KB 3075 13-24 | 0,093 |
| 6252990* | K 30 23 | 23 | 30,0 | 32,0 | 23,0 | 13,0 | KB 3070 13-24, KB 3075 13-24 | 0,095 |
| 6254420* | K 30 24 | 24 | 30,0 | 35,0 | 23,0 | 13,0 | KB 3070 13-24, KB 3075 13-24 | 0,105 |

**TX K 30**  
Impact socket 3/8"  
for protruding TX  
head screws



- > Machine-operated
- > Square drive as per DIN 3121 - G 10, ISO 1174

| Code    | No.         | mm       | L     | d1   | d2   | t    | Recommended accessories | kg                         |       |
|---------|-------------|----------|-------|------|------|------|-------------------------|----------------------------|-------|
| 6265030 | TX K 30 E5  | E5 M4    | 4,73  | 32,0 | 9,0  | 19,0 | 5,0                     | KB 3070 6-12, KB 3075 6-12 | 0,042 |
| 6265110 | TX K 30 E6  | E6 M5    | 5,74  | 32,0 | 10,0 | 19,0 | 5,0                     | KB 3070 6-12, KB 3075 6-12 | 0,044 |
| 6265380 | TX K 30 E7  | E7 M6    | 6,16  | 32,0 | 10,0 | 19,0 | 7,0                     | KB 3070 6-12, KB 3075 6-12 | 0,044 |
| 6265460 | TX K 30 E8  | E8 M6-M7 | 7,52  | 32,0 | 10,5 | 19,0 | 8,0                     | KB 3070 6-12, KB 3075 6-12 | 0,048 |
| 6265540 | TX K 30 E10 | E10 M8   | 9,42  | 32,0 | 12,5 | 19,0 | 9,0                     | KB 3070 6-12, KB 3075 6-12 | 0,048 |
| 6265620 | TX K 30 E12 | E12 M10  | 11,17 | 32,0 | 15,0 | 19,0 | 10,0                    | KB 3070 6-12, KB 3075 6-12 | 0,047 |
| 6265700 | TX K 30 E14 | E14 M12  | 12,9  | 32,0 | 19,0 | 19,0 | 12,0                    | KB 3070 6-12, KB 3075 6-12 | 0,046 |



**KB 3095**  
Universal joint 3/8"  
for impact sockets



> With square drive as per DIN 3121 - G 10, ISO 1174

| Code    | No.     | "    | mm   | "    | mm | ↳ mm | kg    |
|---------|---------|------|------|------|----|------|-------|
| 6262440 | KB 3095 | 3/8" | 10,0 | 3/8" | 10 | 50   | 0,072 |

**KB 3020**  
Reducer 3/8" to 1/4"  
for impact sockets



> With square drive as per DIN 3121 - G 10, ISO 1174

| Code    | No.     | "    | mm   | "    | mm  | ↳ mm | kg    |
|---------|---------|------|------|------|-----|------|-------|
| 6263250 | KB 3020 | 3/8" | 10,0 | 1/4" | 6,3 | 31   | 0,034 |

**KB 3019**  
Converter 3/8" to 1/2"  
for impact sockets



> With square drive as per DIN 3121 - G 10, ISO 1174

| Code    | No.     | "    | mm   | "    | mm   | ↳ mm | kg    |
|---------|---------|------|------|------|------|------|-------|
| 6263410 | KB 3019 | 3/8" | 10,0 | 1/2" | 12,5 | 33   | 0,061 |

**KB 3090**  
Extension 3/8"  
for impact sockets



> With square drive as per DIN 3121 - G 10, ISO 1174

| Code    | No.        | "    | mm | ↳ mm | kg    |
|---------|------------|------|----|------|-------|
| 6261710 | KB 3090-3  | 3/8" | 10 | 75   | 0,09  |
| 6262010 | KB 3090-5  | 3/8" | 10 | 125  | 0,149 |
| 6262280 | KB 3090-10 | 3/8" | 10 | 250  | 0,298 |

**KB 3070**  
Retaining ring for  
impact sockets 3/8"



| Code    | No.           | Designation                           | ∅    | kg    |
|---------|---------------|---------------------------------------|------|-------|
| 6260820 | KB 3070 6-12  | Retaining ring d 14 mm for 6-12 mm    | 14,0 | 0,002 |
| 6260900 | KB 3070 13-24 | Retaining ring d 15,5 mm for 13-24 mm | 15,5 | 0,002 |

**KB 3075**  
Safety pin for  
impact sockets 3/8"



| Code    | No.           | Designation                      | ∅   | ↳ mm | kg    |
|---------|---------------|----------------------------------|-----|------|-------|
| 6261040 | KB 3075 6-12  | Safety pin d 2,5 mm for 6-12 mm  | 2,5 | 14   | 0,005 |
| 6261120 | KB 3075 13-24 | Safety pin d 2,5 mm for 13-24 mm | 2,5 | 16   | 0,002 |

**K 19-028**  
Impact socket set 1/2"  
5 pieces



12,5 1/2"

- > 5 Impact sockets suitable for all common pneumatic and electric screwdrivers
- > With square drive as per DIN 3121 - G 12,5, ISO 1174
- > In plastic case

| Code    | No.      | Contents       | Pieces |       |
|---------|----------|----------------|--------|-------|
| 1646923 | K 19-028 | 10 13 17 19 24 | 5      | 0,749 |

**K 19 LS-004**  
Impact socket set 1/2"  
4 pieces

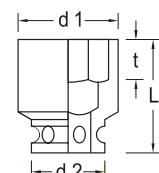


12,5 1/2"

- > 4 Impact socket sets with protective sleeve, hexagon, long form
- > Machine-operated
- > With square drive as per DIN 3121 - G 12,5, ISO 1174
- > Thin-walled to protect the light alloy rims

| Code    | No.         | Contents            | Pieces |      |
|---------|-------------|---------------------|--------|------|
| 2790831 | K 19 LS-004 | K 19 LS 17 19 21 22 | 4      | 0,98 |

**K 19 (MM)**  
Impact socket 1/2"  
hexagon



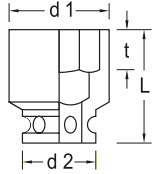
12,5 1/2"

- > Acc. to DIN 3129, ISO 2725-2
- > Machine-operated
- > With square drive as per DIN 3121 - G 12,5, ISO 1174

**\* not standardised**

| Code     | No.     |    | L    | d1   | d2   | t    | Recommended accessories      |       |
|----------|---------|----|------|------|------|------|------------------------------|-------|
| 6160280  | K 19 10 | 10 | 38,0 | 17,0 | 25,0 | 5,0  | KB 1970 10-14, KB 1975 10-14 | 0,082 |
| 6160360  | K 19 11 | 11 | 38,0 | 19,0 | 25,0 | 5,0  | KB 1970 10-14, KB 1975 10-14 | 0,085 |
| 6160440  | K 19 12 | 12 | 38,0 | 20,0 | 25,0 | 6,0  | KB 1970 10-14, KB 1975 10-14 | 0,084 |
| 6160520  | K 19 13 | 13 | 38,0 | 21,0 | 25,0 | 6,0  | KB 1970 10-14, KB 1975 10-14 | 0,081 |
| 6160600  | K 19 14 | 14 | 38,0 | 22,0 | 25,0 | 7,0  | KB 1970 10-14, KB 1975 10-14 | 0,082 |
| 6161680  | K 19 15 | 15 | 38,0 | 24,0 | 30,0 | 7,0  | KB 1970 15-27, KB 1975 15-27 | 0,125 |
| 6160790  | K 19 16 | 16 | 38,0 | 25,0 | 30,0 | 8,0  | KB 1970 15-27, KB 1975 15-27 | 0,124 |
| 6160870  | K 19 17 | 17 | 38,0 | 26,0 | 30,0 | 9,0  | KB 1970 15-27, KB 1975 15-27 | 0,123 |
| 6160950  | K 19 18 | 18 | 38,0 | 27,5 | 30,0 | 9,0  | KB 1970 15-27, KB 1975 15-27 | 0,122 |
| 6161090  | K 19 19 | 19 | 38,0 | 27,5 | 30,0 | 9,5  | KB 1970 15-27, KB 1975 15-27 | 0,119 |
| 6161170  | K 19 21 | 21 | 38,0 | 30,0 | 30,0 | 11,0 | KB 1970 15-27, KB 1975 15-27 | 0,137 |
| 6161250  | K 19 22 | 22 | 38,0 | 32,0 | 30,0 | 11,0 | KB 1970 15-27, KB 1975 15-27 | 0,142 |
| 6161330* | K 19 23 | 23 | 38,0 | 32,0 | 30,0 | 13,0 | KB 1970 15-27, KB 1975 15-27 | 0,148 |
| 6161410  | K 19 24 | 24 | 45,0 | 35,0 | 30,0 | 13,0 | KB 1970 15-27, KB 1975 15-27 | 0,154 |
| 6182680  | K 19 27 | 27 | 50,0 | 38,0 | 30,0 | 13,0 | KB 1970 15-27, KB 1975 15-27 | 0,18  |
| 1560557* | K 19 30 | 30 | 50,0 | 41,0 | 30,0 | 16,0 | KB 1970 15-27, KB 1975 15-27 | 0,256 |
| 1783742* | K 19 32 | 32 | 50,0 | 44,0 | 30,0 | 17,0 | KB 1970 15-27, KB 1975 15-27 | 0,286 |

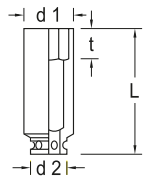
**K 19 (AF)**  
Impact socket 1/2"  
hexagon



- > Machine-operated
- > With square drive as per DIN 3121 - G 12,5, ISO 1174

| Code    | No.           | AF      | L    | d1   | d2   | t    | Recommended accessories      | kg    |
|---------|---------------|---------|------|------|------|------|------------------------------|-------|
| 6166990 | K 19 3/8AF    | 3/8"    | 38,0 | 16,0 | 25,0 | 4,0  | KB 1970 10-14, KB 1975 10-14 | 0,079 |
| 6162300 | K 19 7/16AF   | 7/16"   | 38,0 | 18,0 | 25,0 | 6,0  | KB 1970 10-14, KB 1975 10-14 | 0,079 |
| 6162650 | K 19 1/2AF    | 1/2"    | 38,0 | 20,0 | 25,0 | 6,0  | KB 1970 10-14, KB 1975 10-14 | 0,078 |
| 6163030 | K 19 9/16AF   | 9/16"   | 38,0 | 22,0 | 25,0 | 7,0  | KB 1970 10-14, KB 1975 10-14 | 0,08  |
| 6163460 | K 19 5/8AF    | 5/8"    | 38,0 | 25,0 | 25,0 | 8,0  | KB 1970 15-27, KB 1975 15-27 | 0,121 |
| 6163700 | K 19 11/16AF  | 11/16"  | 38,0 | 25,0 | 25,0 | 9,0  | KB 1970 15-27, KB 1975 15-27 | 0,121 |
| 6163970 | K 19 3/4AF    | 3/4"    | 38,0 | 27,5 | 30,0 | 9,5  | KB 1970 15-27, KB 1975 15-27 | 0,115 |
| 6168420 | K 19 13/16AF  | 13/16"  | 38,0 | 30,0 | 30,0 | 11,0 | KB 1970 15-27, KB 1975 15-27 | 0,131 |
| 6169820 | K 19 7/8AF    | 7/8"    | 38,0 | 32,0 | 30,0 | 13,0 | KB 1970 15-27, KB 1975 15-27 | 0,141 |
| 6164190 | K 19 15/16AF  | 15/16"  | 38,0 | 35,0 | 30,0 | 13,0 | KB 1970 15-27, KB 1975 15-27 | 0,156 |
| 6169900 | K 19 1AF      | 1"      | 38,0 | 35,0 | 30,0 | 13,0 | KB 1970 15-27, KB 1975 15-27 | 0,169 |
| 6164350 | K 19 1.1/16AF | 1.1/16" | 50,0 | 38,0 | 30,0 | 13,0 | KB 1970 15-27, KB 1975 15-27 | 0,173 |
| 6164510 | K 19 1.1/8AF  | 1.1/8"  | 40,0 | 38,0 | 30,0 | 16,5 | KB 1970 15-27, KB 1975 15-27 | 0,18  |
| 6165240 | K 19 1.1/4AF  | 1.1/4"  | 40,0 | 44,0 | 35,0 | 17,0 | KB 1970 15-27, KB 1975 15-27 | 0,284 |
| 6165320 | K 19 1.5/16AF | 1.5/16" | 43,0 | 45,0 | 35,0 | 19,0 | KB 1970 15-27, KB 1975 15-27 | 0,296 |

**K 19 L**  
Impact socket 1/2"  
hexagon, long pattern

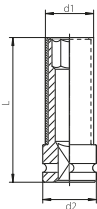


- > Machine-operated
- > With square drive as per DIN 3121 - G 12,5, ISO 1174

| Code    | No.       | mm | L    | d1   | d2   | t    | Recommended accessories      | kg    |
|---------|-----------|----|------|------|------|------|------------------------------|-------|
| 6163110 | K 19 L 8  | 8  | 77,0 | 15,3 | 25,0 | 12,0 | KB 1970 10-14, KB 1975 10-14 | 0,124 |
| 6163380 | K 19 L 10 | 10 | 77,0 | 17,8 | 25,0 | 12,0 | KB 1970 10-14, KB 1975 10-14 | 0,14  |
| 6163540 | K 19 L 13 | 13 | 77,0 | 21,5 | 25,0 | 13,0 | KB 1970 10-14, KB 1975 10-14 | 0,158 |
| 6163620 | K 19 L 14 | 14 | 77,0 | 22,8 | 25,0 | 13,0 | KB 1970 10-14, KB 1975 10-14 | 0,171 |
| 6197790 | K 19 L 16 | 16 | 77,0 | 24,0 | 30,0 | 14,0 | KB 1970 15-27, KB 1975 15-27 | 0,208 |
| 6163890 | K 19 L 17 | 17 | 80,0 | 26,5 | 30,0 | 15,0 | KB 1970 15-27, KB 1975 15-27 | 0,23  |
| 6197870 | K 19 L 18 | 18 | 82,0 | 27,8 | 30,0 | 18,0 | KB 1970 15-27, KB 1975 15-27 | 0,255 |
| 6164000 | K 19 L 19 | 19 | 82,0 | 29,0 | 30,0 | 17,0 | KB 1970 15-27, KB 1975 15-27 | 0,265 |
| 6162730 | K 19 L 21 | 21 | 82,0 | 31,5 | 30,0 | 17,0 | KB 1970 15-27, KB 1975 15-27 | 0,306 |
| 6164270 | K 19 L 22 | 22 | 82,0 | 32,8 | 30,0 | 19,0 | KB 1970 15-27, KB 1975 15-27 | 0,318 |
| 6199810 | K 19 L 23 | 23 | 82,0 | 34,0 | 30,0 | 19,0 | KB 1970 15-27, KB 1975 15-27 | 0,328 |
| 6164430 | K 19 L 24 | 24 | 82,0 | 35,3 | 30,0 | 21,0 | KB 1970 15-27, KB 1975 15-27 | 0,358 |
| 6164780 | K 19 L 27 | 27 | 82,0 | 39,0 | 30,0 | 22,0 | KB 1970 15-27, KB 1975 15-27 | 0,396 |

### K 19 LS

Impact socket 1/2" with protective sleeve hexagon, long pattern



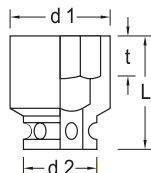
12,5 1/2"

- > Machine-operated
- > With square drive as per DIN 3121 - G 12,5, ISO 1174
- > Thin-walled to protect the light alloy rims

| Code    | No.        | mm | RAL colour tone | RAL      | L    | d1   | d2   | t    | Recommended accessories      | kg   |
|---------|------------|----|-----------------|----------|------|------|------|------|------------------------------|------|
| 2178214 | K 19 LS 17 | 17 | Traffic blue    | RAL 5017 | 81,0 | 27,0 | 30,0 | 15,0 | KB 1970 10-14, KB 1975 10-14 | 0,2  |
| 2178222 | K 19 LS 19 | 19 | Traffic Green   | RAL 6024 | 82,0 | 29,0 | 30,0 | 17,0 | KB 1970 10-14, KB 1975 10-14 | 0,21 |
| 2178230 | K 19 LS 21 | 21 | Traffic red     | RAL 3020 | 82,0 | 30,5 | 30,0 | 17,0 | KB 1970 10-14, KB 1975 10-14 | 0,23 |
| 2178249 | K 19 LS 22 | 22 | Traffic yellow  | RAL 1023 | 82,0 | 32,3 | 30,0 | 19,0 | KB 1970 10-14, KB 1975 10-14 | 0,26 |

### KR 19

Impact socket 1/2" hexagon, for cars



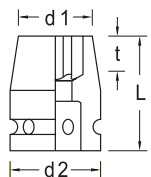
12,5 1/2"

- > Machine-operated
- > With square drive as per DIN 3121 - G 12,5, ISO 1174

| Code    | No.      | mm | L    | d1   | d2   | t    | Recommended accessories      | kg    |
|---------|----------|----|------|------|------|------|------------------------------|-------|
| 6162490 | KR 19 17 | 17 | 38,0 | 30,0 | 30,0 | 14,0 | KB 1970 15-27, KB 1975 15-27 | 0,174 |
| 6162570 | KR 19 19 | 19 | 38,0 | 33,0 | 30,0 | 18,0 | KB 1970 15-27, KB 1975 15-27 | 0,186 |

### TX K 19

Impact socket 1/2" for protruding TX head screws



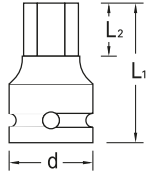
12,5 1/2"

- > Machine-operated
- > Square drive as per DIN 3121 - G 12,5, ISO 1174

| Code    | No.         | mm  | M         | mm    | L    | d1   | d2   | t    | Recommended accessories      | kg    |
|---------|-------------|-----|-----------|-------|------|------|------|------|------------------------------|-------|
| 6223110 | TX K 19 E10 | E10 | M8        | 9,42  | 38,0 | 15,0 | 25,0 | 9,0  | KB 1970 10-14, KB 1975 10-14 | 0,084 |
| 6223380 | TX K 19 E12 | E12 | M10       | 11,17 | 38,0 | 16,0 | 25,0 | 10,0 | KB 1970 10-14, KB 1975 10-14 | 0,085 |
| 6223460 | TX K 19 E14 | E14 | M12       | 12,9  | 38,0 | 18,5 | 25,0 | 12,0 | KB 1970 10-14, KB 1975 10-14 | 0,086 |
| 6223540 | TX K 19 E16 | E16 | M12       | 14,76 | 38,0 | 20,0 | 25,0 | 12,0 | KB 1970 10-14, KB 1975 10-14 | 0,088 |
| 6223620 | TX K 19 E18 | E18 | M14       | 16,7  | 38,0 | 22,0 | 25,0 | 12,0 | KB 1970 10-14, KB 1975 10-14 | 0,087 |
| 6223700 | TX K 19 E20 | E20 | M16       | 18,45 | 38,0 | 25,0 | 30,0 | 13,0 | KB 1970 15-27, KB 1975 15-27 | 0,14  |
| 6223890 | TX K 19 E24 | E24 | M18 - M20 | 22,16 | 45,0 | 28,5 | 30,0 | 17,0 | KB 1970 15-27, KB 1975 15-27 | 0,137 |

**IN K 19**  
Impact socket 1/2"  
for in-hex screws

12,5 1/2"

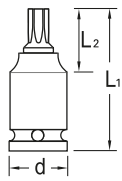


- > Machine-operated
- > Square drive as per DIN 3121 - G 12,5, ISO 1174

| Code    | No.        | mm | L1 | L2   | d    | Recommended accessories      | kg    |
|---------|------------|----|----|------|------|------------------------------|-------|
| 6223970 | IN K 19 5  | 5  | 44 | 7,5  | 25,0 | KB 1970 10-14, KB 1975 10-14 | 0,073 |
| 6224000 | IN K 19 6  | 6  | 44 | 9,0  | 25,0 | KB 1970 10-14, KB 1975 10-14 | 0,072 |
| 6224190 | IN K 19 8  | 8  | 44 | 11,0 | 25,0 | KB 1970 10-14, KB 1975 10-14 | 0,077 |
| 6224270 | IN K 19 10 | 10 | 44 | 13,0 | 25,0 | KB 1970 10-14, KB 1975 10-14 | 0,079 |
| 6224350 | IN K 19 12 | 12 | 50 | 15,0 | 30,0 | KB 1970 15-27, KB 1975 15-27 | 0,136 |
| 6225320 | IN K 19 14 | 14 | 50 | 17,0 | 30,0 | KB 1970 15-27, KB 1975 15-27 | 0,144 |
| 6225670 | IN K 19 17 | 17 | 50 | 19,0 | 30,0 | KB 1970 15-27, KB 1975 15-27 | 0,157 |

**ITX K 19**  
Impact socket 1/2"  
for recessed TX  
head screws

12,5 1/2"



- > Square drive as per DIN 3121 - G 12,5, ISO 1174

| Code    | No.          | M   | mm       | L1    | L2 | d    | Recommended accessories      | kg    |
|---------|--------------|-----|----------|-------|----|------|------------------------------|-------|
| 6197280 | ITX K 19 T30 | T30 | M6 - M7  | 5,52  | 47 | 26,0 | KB 1970 10-14, KB 1975 10-14 | 0,075 |
| 6197360 | ITX K 19 T40 | T40 | M7 - M8  | 6,65  | 47 | 26,0 | KB 1970 10-14, KB 1975 10-14 | 0,077 |
| 1603124 | ITX K 19 T45 | T45 | M8 - M10 | 7,82  | 47 | 26,0 | KB 1970 10-14, KB 1975 10-14 | 0,078 |
| 6197440 | ITX K 19 T50 | T50 | M10      | 8,83  | 47 | 26,0 | KB 1970 10-14, KB 1975 10-14 | 0,079 |
| 6197520 | ITX K 19 T55 | T55 | M12      | 11,22 | 26 | 26,0 | KB 1970 10-14, KB 1975 10-14 | 0,084 |
| 6197600 | ITX K 19 T60 | T60 | M14      | 13,25 | 47 | 26,0 | KB 1970 10-14, KB 1975 10-14 | 0,088 |

**KB 1930**  
Reducer 1/2" to 3/8"  
for impact sockets

- > With square drive as per DIN 3121 - G 12,5, ISO 1174, Form F, G and H



| Code    | No.     | "    | mm   | "    | mm | kg    |
|---------|---------|------|------|------|----|-------|
| 6650370 | KB 1930 | 1/2" | 12,0 | 3/8" | 10 | 0,081 |

**KB 1932**  
Converter 1/2" to 3/4"  
for impact sockets

- > With square drive as per DIN 3121 - G 12,5, ISO 1174, Form F, G and H



| Code    | No.     | "    | mm   | "    | mm | kg    |
|---------|---------|------|------|------|----|-------|
| 6650020 | KB 1932 | 1/2" | 12,5 | 3/4" | 20 | 0,146 |

**KB 1990**  
Extension 1/2"  
for impact sockets



> With square drive as per  
DIN 3121 - G 12,5, ISO  
1174, Form F, G and H

| Code    | No.        | "    | mm   | ↳ mm | kg    |
|---------|------------|------|------|------|-------|
| 6655250 | KB 1990-5  | 1/2" | 12,5 | 125  | 0,256 |
| 6650100 | KB 1990-10 | 1/2" | 12,5 | 250  | 0,461 |

**KB 1995**  
Universal joint 1/2"  
for impact sockets



> With square drive as  
per DIN 3121 - G 12,5,  
ISO 1174, Form F, G  
and H

| Code    | No.     | "    | mm   | "    | mm   | ↳ mm | kg    |
|---------|---------|------|------|------|------|------|-------|
| 6655410 | KB 1995 | 1/2" | 12,5 | 1/2" | 12,5 | 62   | 0,202 |

**KB 1970**  
Retaining ring for  
impact sockets 1/2"



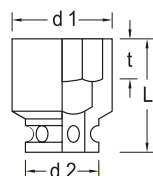
| Code    | No.           | Designation                         | ∅    | kg    |
|---------|---------------|-------------------------------------|------|-------|
| 6654790 | KB 1970-10-14 | Retaining ring d 19 mm for 10-14 mm | 19,0 | 0,002 |
| 6654870 | KB 1970-15-27 | Retaining ring d 24 mm for 15-32 mm | 24,0 | 0,002 |

**KB 1975**  
Safety pin for  
impact sockets 1/2"



| Code    | No.           | Designation                    | ∅   | ↳ mm | kg    |
|---------|---------------|--------------------------------|-----|------|-------|
| 6654950 | KB 1975 10-14 | Safety pin d 3 mm for 10-14 mm | 3,0 | 20   | 0,002 |
| 6655090 | KB 1975 15-27 | Safety pin d 3 mm for 15-32 mm | 3,0 | 25   | 0,002 |

**K 32 S**  
Impact socket 3/4"  
with Impact-Fix lock  
hexagon UD profile



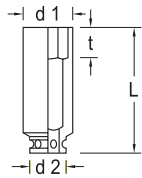
**20** **3/4"** **UNIT DRIVE**

> Acc. to DIN 3129,  
ISO 2725-2  
> Machine-operated  
> Square drive as per  
DIN 3121 - H 20,  
ISO 1174  
> Particularly ideal for  
work in sensitive areas,  
where safety against  
loss, process safety and  
occupational safety are  
required

| Code    | No.       | ∅ mm | L    | d1   | d2   | t    | kg   |
|---------|-----------|------|------|------|------|------|------|
| 2734060 | K 32 S 17 | 17   | 45,0 | 31,1 | 44,0 | 7,0  | 0,4  |
| 2734079 | K 32 S 18 | 18   | 45,0 | 32,4 | 44,0 | 8,4  | 0,42 |
| 2734095 | K 32 S 19 | 19   | 45,0 | 33,6 | 44,0 | 8,4  | 0,4  |
| 2734176 | K 32 S 22 | 22   | 46,0 | 37,4 | 44,0 | 9,8  | 0,4  |
| 2734184 | K 32 S 24 | 24   | 46,0 | 38,9 | 44,0 | 11,2 | 0,34 |
| 2734206 | K 32 S 27 | 27   | 48,0 | 43,6 | 44,0 | 12,6 | 0,4  |
| 2734214 | K 32 S 30 | 30   | 52,0 | 47,4 | 44,0 | 14,0 | 0,4  |
| 2734230 | K 32 S 32 | 32   | 52,0 | 49,9 | 44,0 | 15,4 | 0,4  |
| 2734257 | K 32 S 33 | 33   | 54,0 | 51,0 | 44,0 | 15,4 | 0,4  |
| 2734265 | K 32 S 34 | 34   | 54,0 | 52,4 | 44,0 | 15,4 | 0,4  |
| 2734273 | K 32 S 36 | 36   | 56,0 | 54,9 | 44,0 | 16,8 | 0,5  |
| 2734281 | K 32 S 38 | 38   | 59,0 | 57,0 | 44,0 | 16,8 | 0,5  |
| 2734303 | K 32 S 41 | 41   | 59,0 | 61,1 | 44,0 | 18,9 | 0,56 |



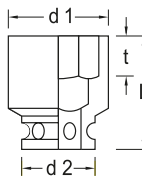
**K 32 SL**  
Impact socket 3/4"  
with Impact-Fix lock  
hexagon UD profile,  
long pattern



- > Machine-operated
- > Square drive as per DIN 3121 - H 20, ISO 1174
- > Particularly ideal for work in sensitive areas, where safety against loss, process safety and occupational safety are required

| Code    | No.        | Ø mm | L    | d1   | d2   | t    |  | kg   |
|---------|------------|------|------|------|------|------|--|------|
| 2734311 | K 32 SL 17 | 17   | 90,0 | 31,1 | 44,0 | 7,0  |  | 0,56 |
| 2734338 | K 32 SL 19 | 19   | 90,0 | 32,4 | 44,0 | 8,4  |  | 0,6  |
| 2734346 | K 32 SL 21 | 21   | 90,0 | 36,1 | 44,0 | 9,8  |  | 0,6  |
| 2734354 | K 32 SL 22 | 22   | 90,0 | 37,4 | 44,0 | 9,8  |  | 0,62 |
| 2734362 | K 32 SL 24 | 24   | 90,0 | 39,9 | 44,0 | 11,2 |  | 0,62 |
| 2734370 | K 32 SL 27 | 27   | 90,0 | 43,5 | 44,0 | 12,6 |  | 0,6  |
| 2734389 | K 32 SL 30 | 30   | 90,0 | 47,4 | 44,0 | 14,0 |  | 0,6  |
| 2734397 | K 32 SL 32 | 32   | 90,0 | 49,9 | 44,0 | 15,4 |  | 0,7  |
| 2734400 | K 32 SL 33 | 33   | 90,0 | 51,0 | 44,0 | 15,4 |  | 0,8  |
| 2734419 | K 32 SL 34 | 34   | 90,0 | 52,4 | 44,0 | 15,4 |  | 0,8  |
| 2734427 | K 32 SL 36 | 36   | 90,0 | 54,9 | 44,0 | 16,8 |  | 0,8  |
| 2734435 | K 32 SL 41 | 41   | 90,0 | 61,1 | 44,0 | 18,9 |  | 0,98 |

**K 32 (MM)**  
Impact socket 3/4" hex  
hexagon

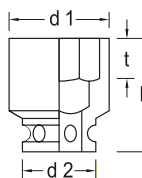


- > Acc. to DIN 3129, ISO 2725-2
- > Machine-operated
- > Square drive as per DIN 3121 - H 20, ISO 1174

**\* not standardised**

| Code     | No.     | Ø mm | L    | d1   | d2   | t    | Recommended accessories | kg    |
|----------|---------|------|------|------|------|------|-------------------------|-------|
| 6282040  | K 32 17 | 17   | 50,0 | 29,0 | 44,0 | 9,0  | KB 3270, KB 3275        | 0,3   |
| 6289990  | K 32 18 | 18   | 50,0 | 32,0 | 44,0 | 9,0  | KB 3270, KB 3275        | 0,3   |
| 6282120  | K 32 19 | 19   | 50,0 | 32,0 | 44,0 | 9,5  | KB 3270, KB 3275        | 0,293 |
| 6282200  | K 32 22 | 22   | 50,0 | 38,0 | 44,0 | 11,0 | KB 3270, KB 3275        | 0,345 |
| 6282390  | K 32 24 | 24   | 50,0 | 40,0 | 44,0 | 13,0 | KB 3270, KB 3275        | 0,339 |
| 6282470  | K 32 27 | 27   | 54,0 | 41,0 | 44,0 | 13,0 | KB 3270, KB 3275        | 0,339 |
| 6282550  | K 32 30 | 30   | 54,0 | 44,0 | 44,0 | 16,5 | KB 3270, KB 3275        | 0,352 |
| 6282630  | K 32 32 | 32   | 56,0 | 49,0 | 44,0 | 17,0 | KB 3270, KB 3275        | 0,407 |
| 6283010* | K 32 33 | 33   | 56,0 | 49,0 | 44,0 | 17,0 | KB 3270, KB 3275        | 0,43  |
| 6281580  | K 32 34 | 34   | 56,0 | 52,0 | 44,0 | 19,0 | KB 3270, KB 3275        | 0,475 |
| 6282710  | K 32 36 | 36   | 56,0 | 52,0 | 44,0 | 19,0 | KB 3270, KB 3275        | 0,53  |
| 6281740* | K 32 38 | 38   | 58,0 | 54,0 | 44,0 | 22,0 | KB 3270, KB 3275        | 0,481 |
| 6282980  | K 32 41 | 41   | 58,0 | 57,0 | 44,0 | 22,0 | KB 3270, KB 3275        | 0,5   |

**K 32 (AF)**  
Impact socket 3/4"  
hexagon



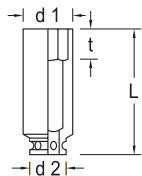
- > Machine-operated
- > Square drive as per DIN 3121 - H 20, ISO 1174

| Code    | No.            | Ø "AF"   | L    | d1   | d2   | t    | Recommended accessories | kg    |
|---------|----------------|----------|------|------|------|------|-------------------------|-------|
| 6285300 | K 32 13/16AF   | 13/16"   | 46,0 | 35,0 | 44,0 | 11,0 | KB 3270, KB 3275        | 0,349 |
| 6284410 | K 32 7/8AF     | 7/8"     | 46,0 | 38,0 | 44,0 | 13,0 | KB 3270, KB 3275        | 0,354 |
| 6284680 | K 32 15/16AF   | 15/16"   | 46,0 | 40,0 | 44,0 | 13,0 | KB 3270, KB 3275        | 0,342 |
| 6285490 | K 32 1AF       | 1"       | 46,0 | 41,0 | 44,0 | 13,0 | KB 3270, KB 3275        | 0,34  |
| 6285650 | K 32 1.1/16AF  | 1.1/16"  | 48,0 | 41,0 | 44,0 | 13,0 | KB 3270, KB 3275        | 0,347 |
| 6284760 | K 32 1.1/8AF   | 1.1/8"   | 52,0 | 44,0 | 44,0 | 16,5 | KB 3270, KB 3275        | 0,367 |
| 6284840 | K 32 1.1/4AF   | 1.1/4"   | 52,0 | 49,0 | 44,0 | 17,0 | KB 3270, KB 3275        | 0,418 |
| 6284920 | K 32 1.5/16AF  | 1.5/16"  | 55,0 | 49,0 | 44,0 | 19,0 | KB 3270, KB 3275        | 0,417 |
| 6285730 | K 32 1.3/8AF   | 1.3/8"   | 55,0 | 52,0 | 44,0 | 19,0 | KB 3270, KB 3275        | 0,452 |
| 6285060 | K 32 1.7/16AF  | 1.7/16"  | 56,0 | 52,0 | 44,0 | 19,0 | KB 3270, KB 3275        | 0,439 |
| 6285140 | K 32 1.1/2AF   | 1.1/2"   | 59,0 | 54,0 | 44,0 | 22,0 | KB 3270, KB 3275        | 0,48  |
| 6285810 | K 32 1.5/8AF   | 1.5/8"   | 59,0 | 57,0 | 44,0 | 22,0 | KB 3270, KB 3275        | 0,497 |
| 6286030 | K 32 1.11/16AF | 1.11/16" | 64,0 | 63,0 | 44,0 | 25,0 | KB 3270, KB 3275        | 0,674 |
| 6286110 | K 32 1.3/4AF   | 1.3/4"   | 64,0 | 63,0 | 44,0 | 25,5 | KB 3270, KB 3275        | 0,639 |
| 6286380 | K 32 1.7/8AF   | 1.7/8"   | 67,0 | 67,0 | 54,0 | 27,0 | KB 3270, KB 3275        | 0,873 |
| 6286460 | K 32 2AF       | 2"       | 67,0 | 73,0 | 54,0 | 27,0 | KB 3270, KB 3275        | 0,995 |

**K 32 L**  
Impact socket 3/4"  
hexagon, long pattern



- > Machine-operated
- > Square drive as per DIN 3121 - H 20, ISO 1174

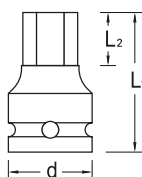


| Code    | No.       | mm | L    | d1   | d2   | t    | Recommended accessories | kg    |
|---------|-----------|----|------|------|------|------|-------------------------|-------|
| 6283600 | K 32 L 17 | 17 | 90,0 | 29,0 | 44,0 | 9,0  | KB 3270, KB 3275        | 0,727 |
| 6283790 | K 32 L 19 | 19 | 95,0 | 32,0 | 44,0 | 9,5  | KB 3270, KB 3275        | 0,72  |
| 6286700 | K 32 L 21 | 21 | 95,0 | 35,0 | 44,0 | 11,0 | KB 3270, KB 3275        | 0,757 |
| 6283870 | K 32 L 22 | 22 | 95,0 | 38,0 | 44,0 | 11,0 | KB 3270, KB 3275        | 0,739 |
| 6283950 | K 32 L 24 | 24 | 95,0 | 40,0 | 44,0 | 13,0 | KB 3270, KB 3275        | 0,706 |
| 6284090 | K 32 L 27 | 27 | 95,0 | 41,0 | 44,0 | 13,0 | KB 3270, KB 3275        | 0,655 |
| 6284170 | K 32 L 30 | 30 | 95,0 | 44,0 | 44,0 | 16,5 | KB 3270, KB 3275        | 0,644 |
| 6284250 | K 32 L 32 | 32 | 95,0 | 49,0 | 44,0 | 17,0 | KB 3270, KB 3275        | 0,728 |
| 6286540 | K 32 L 33 | 33 | 95,0 | 49,0 | 44,0 | 17,0 | KB 3270, KB 3275        | 0,709 |
| 6281660 | K 32 L 34 | 34 | 95,0 | 52,0 | 44,0 | 19,0 | KB 3270, KB 3275        | 0,858 |
| 6284330 | K 32 L 36 | 36 | 95,0 | 52,0 | 44,0 | 19,0 | KB 3270, KB 3275        | 0,826 |
| 6286890 | K 32 L 41 | 41 | 95,0 | 57,0 | 44,0 | 22,0 | KB 3270, KB 3275        | 0,811 |

**IN K 32**  
Impact socket 3/4"  
for in-hex screws



- > Machine-operated
- > Square drive as per DIN 3121 - H 20, ISO 1174



| Code    | No.        | mm | L1 | L2   | d    | Recommended accessories | kg    |
|---------|------------|----|----|------|------|-------------------------|-------|
| 1956477 | IN K 32 14 | 14 | 65 | 17,0 | 38,0 | KB 3270, KB 3275        | 0,44  |
| 1956485 | IN K 32 17 | 17 | 65 | 19,0 | 38,0 | KB 3270, KB 3275        | 0,495 |
| 1956493 | IN K 32 19 | 19 | 65 | 21,0 | 44,0 | KB 3270, KB 3275        | 0,53  |
| 1956507 | IN K 32 22 | 22 | 65 | 24,0 | 44,0 | KB 3270, KB 3275        | 0,59  |
| 1956515 | IN K 32 24 | 24 | 65 | 26,0 | 44,0 | KB 3270, KB 3275        | 0,63  |
| 1956523 | IN K 32 27 | 27 | 65 | 28,0 | 44,0 | KB 3270, KB 3275        | 0,695 |

**KB 3219**  
Reducer 3/4" to 1/2"  
for impact sockets

- > With square drive as per DIN 3121, ISO 1174, Form F and H



| Code    | No.     | "    | mm   | "    | mm   | mm | kg    |
|---------|---------|------|------|------|------|----|-------|
| 6675280 | KB 3219 | 3/4" | 20,0 | 1/2" | 12,5 | 65 | 0,351 |

**KB 3221**  
Converter 3/4" to 1"  
for impact sockets

- > With square drive as per DIN 3121, ISO 1174, Form F and H



| Code    | No.     | "    | mm   | "  | mm | mm | kg    |
|---------|---------|------|------|----|----|----|-------|
| 6671530 | KB 3221 | 3/4" | 20,0 | 1" | 25 | 65 | 0,445 |

**KB 3290**  
Extension 3/4"  
for impact sockets



> With square drive as per DIN 3121, ISO 1174, Form F and H

| Code    | No.        | "    | mm | mm  | kg    |
|---------|------------|------|----|-----|-------|
| 6675600 | KB 3290-8  | 3/4" | 20 | 205 | 0,957 |
| 6675790 | KB 3290-12 | 3/4" | 20 | 300 | 1,328 |
| 6675870 | KB 3290-16 | 3/4" | 20 | 400 | 1,759 |

**KB 3295**  
Universal joint 3/4"  
for impact sockets



> With square drive as per DIN 3121, ISO 1174, Form F and H

| Code    | No.     | "    | mm   | "    | mm | mm | kg    |
|---------|---------|------|------|------|----|----|-------|
| 6676090 | KB 3295 | 3/4" | 20,0 | 3/4" | 20 | 94 | 0,623 |

**KB 3270**  
Retaining ring for  
impact sockets 3/4"



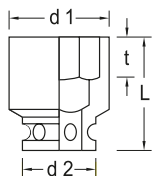
| Code    | No.     | Designation            | Ø    | kg    |
|---------|---------|------------------------|------|-------|
| 6675360 | KB 3270 | Retaining ring d 36 mm | 36,0 | 0,004 |

**KB 3275**  
Safety pin for  
impact sockets 3/4"



| Code    | No.     | Designation       | Ø   | mm | kg    |
|---------|---------|-------------------|-----|----|-------|
| 6675440 | KB 3275 | Safety pin d 4 mm | 4,0 | 35 | 0,004 |

**K 21 S**  
Impact socket 1"  
with Impact-Fix lock  
hexagon UD profile



**25** **1"** **UNIT DRIVE**

> Acc. to DIN 3129, ISO 2725-2  
> Machine-operated  
> Square drive as per DIN 3121 - H 25, ISO 1174  
> Particularly ideal for work in sensitive areas, where safety against loss, process safety and occupational safety are required

| Code    | No.       | mm | L    | d1    | d2   | t    | kg   |
|---------|-----------|----|------|-------|------|------|------|
| 2734443 | K 21 S 22 | 22 | 55,0 | 40,4  | 54,0 | 9,8  | 0,6  |
| 2734451 | K 21 S 24 | 24 | 55,0 | 42,9  | 54,0 | 11,2 | 0,6  |
| 2734478 | K 21 S 27 | 27 | 55,0 | 46,7  | 54,0 | 12,6 | 0,6  |
| 2734486 | K 21 S 30 | 30 | 57,0 | 50,4  | 54,0 | 14,0 | 0,6  |
| 2734494 | K 21 S 32 | 32 | 57,0 | 52,9  | 54,0 | 15,4 | 0,6  |
| 2734508 | K 21 S 33 | 33 | 57,0 | 54,0  | 54,0 | 15,4 | 0,6  |
| 2734516 | K 21 S 34 | 34 | 57,0 | 55,4  | 54,0 | 15,4 | 0,6  |
| 2734524 | K 21 S 36 | 36 | 60,0 | 57,9  | 54,0 | 16,8 | 0,68 |
| 2734540 | K 21 S 38 | 38 | 64,0 | 60,4  | 54,0 | 16,8 | 0,7  |
| 2734559 | K 21 S 41 | 41 | 64,0 | 64,2  | 54,0 | 18,9 | 0,7  |
| 2734567 | K 21 S 42 | 42 | 64,0 | 65,4  | 54,0 | 18,6 | 0,7  |
| 2734575 | K 21 S 46 | 46 | 69,0 | 70,4  | 54,0 | 21,0 | 0,7  |
| 2734583 | K 21 S 50 | 50 | 72,0 | 75,4  | 54,0 | 23,1 | 0,8  |
| 2734591 | K 21 S 55 | 55 | 76,0 | 81,7  | 54,0 | 25,2 | 0,8  |
| 2734605 | K 21 S 60 | 60 | 82,0 | 87,9  | 54,0 | 27,3 | 0,8  |
| 2734613 | K 21 S 65 | 65 | 85,0 | 94,2  | 54,0 | 29,4 | 0,9  |
| 2734621 | K 21 S 70 | 70 | 88,0 | 100,4 | 54,0 | 31,5 | 0,9  |
| 2734648 | K 21 S 75 | 75 | 92,0 | 106,0 | 54,0 | 33,6 | 0,9  |
| 2734656 | K 21 S 80 | 80 | 97,0 | 113,0 | 54,0 | 36,4 | 1    |

# i IMPACT-FIX LOCK

## YOUR ADVANTAGES?

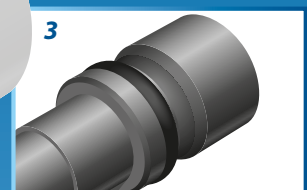
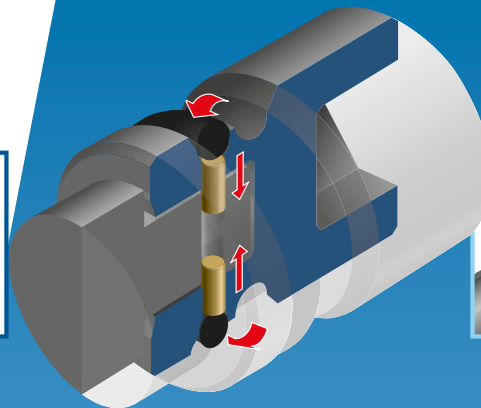
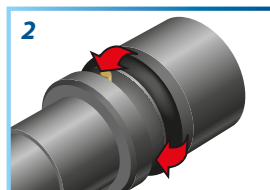
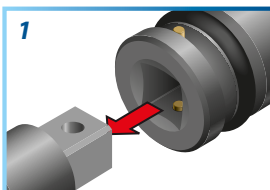
- Integrated, secure two-pin lock including ring.
- An extra feature from GEDORE - for increased safety in the workplace.
- Particularly suitable for working in sensitive areas permanently governed by certainty against loss, process reliability and occupational safety.
- Examples: overhead power line construction, wind power plants, machine engineering or the automotive sector.



- Very safe and extremely practice-oriented, and very easy to handle.
- Double ring groove for easily sliding the ring.
- Minimisation of the risk of injury compared to standard systems available on the market. The securing ring is not catapulted out of the rotating insert if the securing pin tears.
- Wherever major forces prevail, correct and appropriate securing and handling of tools is a key element of good screwed connections.
- Standard practice: the bothersome and awkward fitting of the loose securing pin and ring is often simply neglected or forgotten, or the pin and ring are no longer to be found.
- Thanks to the Impact-Fix lock integrated in the socket, 3 elements no longer need to be installed (insert, pin and ring). The securing pins and rings are always secured to the socket (3 in 1). The pins are automatically pressed into the drill holes in the square drive when the ring is secured in place.
- DBGM (German utility-patent)

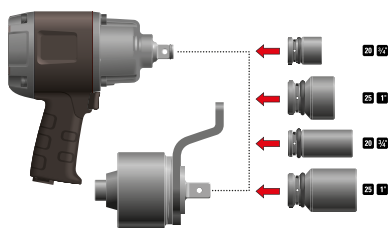
## EASY TO USE ...

Double ring groove for easily sliding the ring thanks to integrated two-pin lock including ring.



## MACHINE- OR HAND-OPERATED ...

... electric, hydraulic, pneumatic or with torque multiplier by hand.



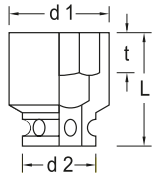
## THE ADVANTAGE IS OBVIOUS:

thanks to the Impact-Fix lock integrated in the socket, three elements no longer need to be installed (insert, pin and ring).



**K 21 SL**

Impact socket 1" with Impact-Fix lock hexagon UD profile, long pattern

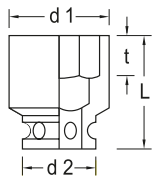


- > Machine-operated
- > Square drive as per DIN 3121 - H 25, ISO 1174
- > Particularly ideal for work in sensitive areas, where safety against loss, process safety and occupational safety are required

| Code    | No.        | Ø mm | L     | d1   | d2   | t    |  | kg   |
|---------|------------|------|-------|------|------|------|--|------|
| 2734664 | K 21 SL 22 | 22   | 100,0 | 40,4 | 54,0 | 9,8  |  | 0,6  |
| 2734672 | K 21 SL 24 | 24   | 100,0 | 42,9 | 54,0 | 11,2 |  | 0,6  |
| 2734680 | K 21 SL 27 | 27   | 100,0 | 46,7 | 54,0 | 12,6 |  | 0,6  |
| 2734699 | K 21 SL 30 | 30   | 100,0 | 50,4 | 54,0 | 14,0 |  | 0,8  |
| 2734702 | K 21 SL 32 | 32   | 100,0 | 52,9 | 54,0 | 15,4 |  | 0,8  |
| 2734710 | K 21 SL 33 | 33   | 100,0 | 54,0 | 54,0 | 15,4 |  | 0,8  |
| 2734729 | K 21 SL 34 | 34   | 100,0 | 55,4 | 54,0 | 15,4 |  | 1    |
| 2734737 | K 21 SL 36 | 36   | 100,0 | 57,9 | 54,0 | 16,8 |  | 1    |
| 2734745 | K 21 SL 38 | 38   | 100,0 | 60,4 | 54,0 | 16,8 |  | 1,14 |
| 2734753 | K 21 SL 41 | 41   | 100,0 | 64,2 | 54,0 | 18,9 |  | 1,28 |
| 2734761 | K 21 SL 46 | 46   | 100,0 | 70,4 | 54,0 | 18,9 |  | 1,42 |

**K 21 (MM)**

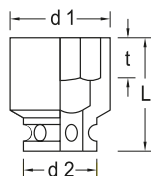
Impact socket 1" hexagon



- > Acc. to DIN 3129, ISO 2725-2
- > Machine-operated
- > Square drive as per DIN 3121 - H 25, ISO 1174
- \* not standardised**

| Code     | No.     | Ø mm | L     | d1    | d2   | t    | Recommended accessories | kg    |
|----------|---------|------|-------|-------|------|------|-------------------------|-------|
| 6183060  | K 21 22 | 22   | 60,0  | 40,0  | 54,0 | 11,0 | KB 2170, KB 2175        | 0,561 |
| 6183140  | K 21 24 | 24   | 60,0  | 42,0  | 54,0 | 13,0 | KB 2170, KB 2175        | 0,611 |
| 6183220  | K 21 27 | 27   | 60,0  | 46,0  | 54,0 | 13,0 | KB 2170, KB 2175        | 0,614 |
| 6183300  | K 21 30 | 30   | 58,0  | 50,0  | 54,0 | 16,5 | KB 2170, KB 2175        | 0,619 |
| 6183490  | K 21 32 | 32   | 62,0  | 51,0  | 54,0 | 17,0 | KB 2170, KB 2175        | 0,608 |
| 6183650* | K 21 33 | 33   | 60,0  | 54,0  | 54,0 | 17,0 | KB 2170, KB 2175        | 0,615 |
| 6196980  | K 21 34 | 34   | 62,0  | 54,0  | 54,0 | 19,0 | KB 2170, KB 2175        | 0,624 |
| 6183570  | K 21 36 | 36   | 67,0  | 54,0  | 54,0 | 19,0 | KB 2170, KB 2175        | 0,598 |
| 6184890* | K 21 38 | 38   | 67,0  | 60,0  | 54,0 | 19,0 | KB 2170, KB 2175        | 0,764 |
| 6183730  | K 21 41 | 41   | 67,0  | 63,0  | 54,0 | 22,0 | KB 2170, KB 2175        | 0,794 |
| 6184970* | K 21 42 | 42   | 74,0  | 63,0  | 54,0 | 22,0 | KB 2170, KB 2175        | 0,781 |
| 6183810  | K 21 46 | 46   | 74,0  | 70,0  | 54,0 | 25,5 | KB 2170, KB 2175        | 0,974 |
| 6184030  | K 21 50 | 50   | 80,0  | 73,0  | 54,0 | 27,0 | KB 2170, KB 2175        | 1,018 |
| 6184110  | K 21 55 | 55   | 84,0  | 82,0  | 54,0 | 33,0 | KB 2170, KB 2175        | 1,298 |
| 6184380  | K 21 60 | 60   | 87,0  | 86,0  | 54,0 | 33,0 | KB 2170, KB 2175        | 1,481 |
| 6184460  | K 21 65 | 65   | 90,0  | 92,0  | 54,0 | 35,0 | KB 2170, KB 2175        | 1,682 |
| 6184540  | K 21 70 | 70   | 96,0  | 96,0  | 54,0 | 38,0 | KB 2170, KB 2175        | 1,812 |
| 6184620* | K 21 75 | 75   | 98,0  | 100,0 | 86,0 | 41,0 | KB 3770, KB 3775        | 2,69  |
| 6184700* | K 21 80 | 80   | 100,0 | 105,0 | 86,0 | 44,0 | KB 3770, KB 3775        | 2,936 |

**K 21 (AF)**  
Impact socket 1"  
hexagon

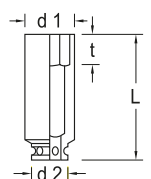


25 1"

- > Machine-operated
- > Square drive as per DIN 3121 - H 25, ISO 1174

| Code    | No.            | AF      | L    | d1   | d2   | t    | Recommended accessories | kg    |
|---------|----------------|---------|------|------|------|------|-------------------------|-------|
| 6186320 | K 21 1AF       | 1"      | 56,0 | 43,0 | 54,0 | 13,0 | KB 2170, KB 2175        | 0,611 |
| 6186400 | K 21 1.1/4AF   | 1.1/4"  | 57,0 | 51,0 | 54,0 | 17,0 | KB 2170, KB 2175        | 0,614 |
| 6186590 | K 21 1.7/16AF  | 1.7/16" | 60,0 | 54,0 | 54,0 | 19,0 | KB 2170, KB 2175        | 0,593 |
| 6186750 | K 21 1.1/2AF   | 1.1/2"  | 64,0 | 60,0 | 54,0 | 22,0 | KB 2170, KB 2175        | 0,776 |
| 6186670 | K 21 1.5/8AF   | 1.5/8"  | 64,0 | 63,0 | 54,0 | 22,0 | KB 2170, KB 2175        | 0,796 |
| 6186830 | K 21 1.13/16AF | 1.3/16" | 69,0 | 70,0 | 54,0 | 25,5 | KB 2170, KB 2175        | 0,972 |
| 6186910 | K 21 1.7/8AF   | 1.7/8"  | 72,0 | 70,0 | 54,0 | 27,0 | KB 2170, KB 2175        | 0,981 |
| 6187050 | K 21 2.1/4AF   | 2.1/4"  | 80,0 | 82,0 | 54,0 | 33,0 | KB 2170, KB 2175        | 1,365 |

**K 21 L**  
Impact socket 1"  
hexagon, long pattern

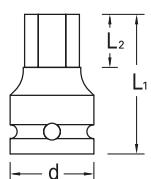


25 1"

- > Machine-operated
- > Square drive as per DIN 3121 - H 25, ISO 1174

| Code    | No.       | mm | L     | d1   | d2   | t    | Recommended accessories | kg    |
|---------|-----------|----|-------|------|------|------|-------------------------|-------|
| 6185350 | K 21 L 22 | 22 | 100,0 | 40,0 | 54,0 | 11,0 | KB 2170, KB 2175        | 1,103 |
| 6185430 | K 21 L 24 | 24 | 100,0 | 42,0 | 54,0 | 13,0 | KB 2170, KB 2175        | 1,234 |
| 6185510 | K 21 L 27 | 27 | 100,0 | 46,0 | 54,0 | 13,0 | KB 2170, KB 2175        | 1,227 |
| 6185780 | K 21 L 30 | 30 | 100,0 | 50,0 | 54,0 | 16,5 | KB 2170, KB 2175        | 1,141 |
| 6185860 | K 21 L 32 | 32 | 100,0 | 51,0 | 54,0 | 17,0 | KB 2170, KB 2175        | 1,101 |
| 6197950 | K 21L 33  | 33 | 100,0 | 54,0 | 54,0 | 17,0 | KB 2170, KB 2175        | 1,104 |
| 6197010 | K 21L 34  | 34 | 100,0 | 54,0 | 54,0 | 19,0 | KB 2170, KB 2175        | 1,189 |
| 6185940 | K 21 L 36 | 36 | 100,0 | 54,0 | 54,0 | 19,0 | KB 2170, KB 2175        | 1,022 |
| 6186080 | K 21 L 38 | 38 | 100,0 | 60,0 | 54,0 | 22,0 | KB 2170, KB 2175        | 1,262 |
| 6186160 | K 21 L 41 | 41 | 100,0 | 63,0 | 54,0 | 22,0 | KB 2170, KB 2175        | 1,42  |
| 6186240 | K 21 L 46 | 46 | 100,0 | 70,0 | 54,0 | 25,5 | KB 2170, KB 2175        | 1,619 |

**IN K 21**  
Impact socket 1"  
for in-hex screws



- > Machine-operated
- > Square drive as per DIN 3121 - H 25, ISO 1174

| Code    | No.        | mm | L1 | L2   | d    | Recommended accessories | kg    |
|---------|------------|----|----|------|------|-------------------------|-------|
| 1956558 | IN K 21 19 | 19 | 75 | 21,0 | 54,0 | KB 2170, KB 2175        | 0,65  |
| 1956566 | IN K 21 22 | 22 | 75 | 24,0 | 54,0 | KB 2170, KB 2175        | 0,675 |
| 1956574 | IN K 21 24 | 24 | 75 | 26,0 | 54,0 | KB 2170, KB 2175        | 0,7   |
| 1956582 | IN K 21 27 | 27 | 75 | 28,0 | 54,0 | KB 2170, KB 2175        | 0,73  |
| 1577514 | IN K 21 30 | 30 | 75 | 29,0 | 54,0 | KB 2170, KB 2175        | 0,735 |
| 1956590 | IN K 21 32 | 32 | 75 | 30,0 | 54,0 | KB 2170, KB 2175        | 0,8   |
| 1956604 | IN K 21 36 | 36 | 75 | 30,0 | 54,0 | KB 2170, KB 2175        | 0,86  |



**KB 2132**  
Reducer 1" to 3/4"  
for impact sockets



> With square drive as per DIN 3121, ISO 1174, Form F and H

| Code    | No.     | □" | □ mm | ■"   | ■ mm | ↳ mm | ⚖     |
|---------|---------|----|------|------|------|------|-------|
| 6657460 | KB 2132 | 1" | 25,0 | 3/4" | 20   | 75   | 0,661 |

**KB 2137**  
Convector 1" to 1.1/2"  
for impact sockets



> With square drive as per DIN 3121, ISO 1174, Form F and H

| Code    | No.     | □" | □ mm | ■"     | ■ mm | ↳ mm | ⚖     |
|---------|---------|----|------|--------|------|------|-------|
| 6657890 | KB 2137 | 1" | 25,0 | 1.1/2" | 40   | 82   | 0,988 |

**KB 2190**  
Extension 1"  
for impact sockets



> With square drive as per DIN 3121, ISO 1174, Form F and H

| Code    | No.        | ■" | ■ mm | ↳ mm | ⚖     |
|---------|------------|----|------|------|-------|
| 6657970 | KB 2190-8  | 1" | 25   | 208  | 1,477 |
| 6658000 | KB 2190-12 | 1" | 25   | 300  | 2,01  |
| 6658190 | KB 2190-16 | 1" | 25   | 405  | 2,587 |

**KB 2195**  
Universal joint 1"  
for impact sockets



> With square drive as per DIN 3121, ISO 1174, Form F and H

| Code    | No.     | □" | □ mm | ■" | ■ mm | ↳ mm | ⚖     |
|---------|---------|----|------|----|------|------|-------|
| 6658350 | KB 2195 | 1" | 25,0 | 1" | 25   | 140  | 1,425 |

**KB 2170**  
Retaining ring for  
impact sockets 1"



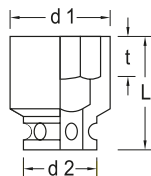
| Code    | No.     | Designation            | ∅    | ⚖     |
|---------|---------|------------------------|------|-------|
| 6657620 | KB 2170 | Retaining ring d 45 mm | 45,0 | 0,008 |

**KB 2175**  
Safety pin for  
impact sockets 1"



| Code    | No.     | Designation       | ∅   | ↳ mm | ⚖     |
|---------|---------|-------------------|-----|------|-------|
| 6657700 | KB 2175 | Safety pin d 5 mm | 5,0 | 45   | 0,007 |

**K 37**  
Impact socket 1.1/2" hexagon

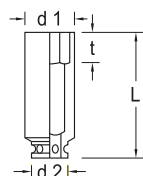


- > Acc. to DIN 3129, ISO 2725-2
- > Machine-operated
- > Square drive as per DIN 3121 - H 40, ISO 1174

\* not standardised

| Code     | No.      | mm  | L     | d1    | d2    | t    | Recommended accessories | kg     |
|----------|----------|-----|-------|-------|-------|------|-------------------------|--------|
| 6328130  | K 37 46  | 46  | 84,0  | 76,0  | 86,0  | 25,5 | KB 3770, KB 3775        | 2,265  |
| 6328210* | K 37 50  | 50  | 87,0  | 81,0  | 86,0  | 27,0 | KB 3770, KB 3775        | 2,306  |
| 6328480  | K 37 55  | 55  | 90,0  | 86,0  | 86,0  | 30,0 | KB 3770, KB 3775        | 2,459  |
| 6328560  | K 37 60  | 60  | 92,0  | 93,0  | 86,0  | 33,0 | KB 3770, KB 3775        | 2,744  |
| 6328640  | K 37 65  | 65  | 95,0  | 97,0  | 86,0  | 35,0 | KB 3770, KB 3775        | 3,215  |
| 6328720  | K 37 70  | 70  | 100,0 | 105,0 | 86,0  | 38,0 | KB 3770, KB 3775        | 3,535  |
| 6328800  | K 37 75  | 75  | 103,0 | 110,0 | 86,0  | 41,0 | KB 3770, KB 3775        | 3,735  |
| 6328990  | K 37 80  | 80  | 110,0 | 116,0 | 86,0  | 44,0 | KB 3770, KB 3775        | 4,185  |
| 6329020  | K 37 85  | 85  | 118,0 | 125,0 | 86,0  | 47,0 | KB 3770, KB 3775        | 4,795  |
| 6329100  | K 37 90  | 90  | 118,0 | 130,0 | 86,0  | 49,0 | KB 3770, KB 3775        | 5,46   |
| 6329290* | K 37 95  | 95  | 118,0 | 137,0 | 95,0  | 49,0 | KB 6470, KB 6475        | 9      |
| 6329370* | K 37 100 | 100 | 125,0 | 140,0 | 127,0 | 54,0 | KB 6470, KB 6475        | 8,095  |
| 6329450* | K 37 105 | 105 | 125,0 | 150,0 | 127,0 | 54,0 | KB 6470, KB 6475        | 7,24   |
| 6329530* | K 37 110 | 110 | 137,0 | 156,0 | 127,0 | 62,0 | KB 6470, KB 6475        | 9,38   |
| 6329610* | K 37 115 | 115 | 137,0 | 160,0 | 127,0 | 67,0 | KB 6470, KB 6475        | 10,575 |
| 6329880* | K 37 120 | 120 | 145,0 | 168,0 | 127,0 | 67,0 | KB 6470, KB 6475        | 11,77  |

**K 37 L**  
Impact socket 1.1/2" hexagon, long pattern



- > Machine-operated
- > Square drive as per DIN 3121 - H 40, ISO 1174

| Code    | No.        | mm  | L     | d1    | d2    | t    | Recommended accessories | kg     |
|---------|------------|-----|-------|-------|-------|------|-------------------------|--------|
| 6330110 | K 37 L 41  | 41  | 140,0 | 70,0  | 86,0  | 22,0 | KB 3770, KB 3775        | 4,4    |
| 6330380 | K 37 L 46  | 46  | 140,0 | 75,0  | 86,0  | 25,5 | KB 3770, KB 3775        | 4,33   |
| 6330460 | K 37 L 50  | 50  | 140,0 | 80,0  | 86,0  | 27,0 | KB 3770, KB 3775        | 4,365  |
| 6330540 | K 37 L 55  | 55  | 140,0 | 86,0  | 86,0  | 30,0 | KB 3770, KB 3775        | 3,95   |
| 6330620 | K 37 L 60  | 60  | 140,0 | 92,0  | 86,0  | 33,0 | KB 3770, KB 3775        | 4,135  |
| 6330700 | K 37 L 65  | 65  | 140,0 | 100,0 | 86,0  | 35,0 | KB 3770, KB 3775        | 4,62   |
| 6330890 | K 37 L 70  | 70  | 140,0 | 105,0 | 86,0  | 38,0 | KB 3770, KB 3775        | 4,805  |
| 6330970 | K 37 L 75  | 75  | 140,0 | 109,0 | 86,0  | 41,0 | KB 3770, KB 3775        | 5,395  |
| 6331000 | K 37 L 80  | 80  | 140,0 | 115,0 | 86,0  | 44,0 | KB 3770, KB 3775        | 8,22   |
| 6331190 | K 37 L 85  | 85  | 140,0 | 121,0 | 86,0  | 47,0 | KB 3770, KB 3775        | 6,154  |
| 6331270 | K 37 L 90  | 90  | 140,0 | 130,0 | 86,0  | 49,0 | KB 3770, KB 3775        | 6,595  |
| 6331350 | K 37 L 95  | 95  | 150,0 | 137,0 | 127,0 | 49,0 | KB 6470, KB 6475        | 9,96   |
| 6331430 | K 37 L 100 | 100 | 150,0 | 144,0 | 127,0 | 54,0 | KB 6470, KB 6475        | 9,964  |
| 6331510 | K 37 L 105 | 105 | 150,0 | 154,0 | 127,0 | 54,0 | KB 6470, KB 6475        | 12,5   |
| 6331780 | K 37 L 110 | 110 | 160,0 | 157,0 | 127,0 | 62,0 | KB 6470, KB 6475        | 12,8   |
| 6331860 | K 37 L 115 | 115 | 160,0 | 164,0 | 127,0 | 67,0 | KB 6470, KB 6475        | 12,225 |
| 6331940 | K 37 L 120 | 120 | 170,0 | 167,0 | 127,0 | 67,0 | KB 6470, KB 6475        | 13,845 |

**KB 3721**  
Reducer 1.1/2" to 1" for impact sockets



- > With square drive as per DIN 3121, ISO 1174, Form F and H

| Code    | No.     | "      | mm   | "  | mm | mm | kg    |
|---------|---------|--------|------|----|----|----|-------|
| 6676410 | KB 3721 | 1.1/2" | 40,0 | 1" | 25 | 95 | 1,992 |

**KB 3764**  
 Converter 1.1/2"  
 to 2.1/2"  
 for impact sockets

> With square drive as  
 per DIN 3121, ISO 1174,  
 Form F and H



| Code    | No.     | □"     | □mm  | ■"    | ■mm | ↳mm↳ |     |
|---------|---------|--------|------|-------|-----|------|-----|
| 1531220 | KB 3764 | 1.1/2" | 40,0 | 2.1/2 | 63  | 93   | 3,6 |

**KB 3770**  
 Retaining ring for  
 impact sockets 1.1/2"



| Code    | No.     | Designation            | ∅    |       |
|---------|---------|------------------------|------|-------|
| 6676760 | KB 3770 | Retaining ring d 75 mm | 75,0 | 0,026 |

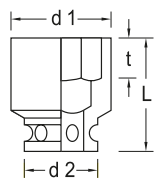
**KB 3775**  
 Safety pin for  
 impact sockets 1.1/2"



| Code    | No.     | Designation       | ∅   | ↳mm↳ |       |
|---------|---------|-------------------|-----|------|-------|
| 6676840 | KB 3775 | Safety pin d 6 mm | 6,0 | 75   | 0,017 |

**K 64**  
 Impact socket 2.1/2"  
 hexagon

> Acc. to DIN 3129,  
 ISO 2725-2  
 > Machine-operated  
 > Square drive as per  
 DIN 3121 - H 63,  
 ISO 1174



| Code    | No.      | ∅mm | L     | d1    | d2    | t    | Recommended accessories |       |
|---------|----------|-----|-------|-------|-------|------|-------------------------|-------|
| 6371300 | K 64 75  | 75  | 125,0 | 115,0 | 127,0 | 41,0 | KB 6470, KB 6475        | 7,35  |
| 6371490 | K 64 80  | 80  | 125,0 | 115,0 | 127,0 | 44,0 | KB 6470, KB 6475        | 7,015 |
| 6371570 | K 64 85  | 85  | 130,0 | 127,0 | 127,0 | 47,0 | KB 6470, KB 6475        | 7,295 |
| 6371650 | K 64 90  | 90  | 132,0 | 135,0 | 127,0 | 49,0 | KB 6470, KB 6475        | 7,955 |
| 6371730 | K 64 95  | 95  | 95,0  | 140,0 | 127,0 | 49,0 | KB 6470, KB 6475        | 8,12  |
| 6371810 | K 64 100 | 100 | 141,0 | 145,0 | 127,0 | 54,0 | KB 6470, KB 6475        | 8,905 |
| 6372030 | K 64 105 | 105 | 141,0 | 150,0 | 127,0 | 54,0 | KB 6470, KB 6475        | 9,145 |
| 6372110 | K 64 110 | 110 | 150,0 | 160,0 | 127,0 | 62,0 | KB 6470, KB 6475        | 11    |
| 6372380 | K 64 115 | 115 | 150,0 | 165,0 | 127,0 | 62,0 | KB 6470, KB 6475        | 11,13 |
| 6372460 | K 64 120 | 120 | 158,0 | 170,0 | 127,0 | 67,0 | KB 6470, KB 6475        | 12,03 |

**KB 6437**  
 Reducer 2.1/2" to 1.1/2"  
 for impact sockets

> With square drive as  
 per DIN 3121, ISO 1174,  
 Form F and H



| Code    | No.     | □"    | □mm  | ■"     | ■mm | ↳mm↳ |      |
|---------|---------|-------|------|--------|-----|------|------|
| 6699700 | KB 6437 | 2.1/2 | 63,0 | 1.1/2" | 40  | 138  | 7,09 |

**KB 6470**  
Retaining ring for  
impact sockets 2.1/2"



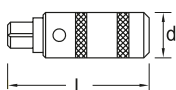
| Code    | No.     | Designation             | ∅     |      |
|---------|---------|-------------------------|-------|------|
| 6699890 | KB 6470 | Retaining ring d 114 mm | 114,0 | 0,04 |

**KB 6475**  
Safety pin for  
impact sockets 2.1/2"



| Code    | No.     | Designation       | ∅   | ↳ mm ↲ |       |
|---------|---------|-------------------|-----|--------|-------|
| 6699970 | KB 6475 | Safety pin d 8 mm | 8,0 | 110    | 0,043 |

**K 1900**  
Hand-operated  
impact driver 1/2"



- > Particularly suitable for loosening stuck screws by hammer
- > Reversible for right and left hand operation
- > 1/2" square drive for Impact sockets

| Code    | No.    | ■ mm | ■ "  | L   | d    |       |
|---------|--------|------|------|-----|------|-------|
| 6654440 | K 1900 | 12,5 | 1/2" | 123 | 34,0 | 0,579 |

**K 1900-018**  
Screw remover set  
18 pieces



**12,5** **1/2"** **8** **5/16"**

- > Complete with the most frequently used bits, for use on screws and bolts with slotted, cross-head or hexagon heads
- > Hammer-operated screw loosener for loosening stuck screws, adjustable for right and left-hand operation
- > In plastic case

| Code    | No.        | Contents  | Pieces |       |
|---------|------------|---|--------|-------|
| 6654600 | K 1900-018 | 880 5,5 6,5 8 12<br>885 4 5 6 8 10<br>890 2 3 4<br>887 TX T27 T30 T40 T45<br>KB 819<br>K 1900 | 18     | 1,249 |

WWW.GEDORE.COM

**2169-012**

Magazine handle screwdriver  
with ratchet function  
SilentGEAR 1/4"



- > Loaded magazine screwdriver with ratchet function
- > For precision working in confined spaces
- > Very small return angle, practically 0° (not measurable with mechanical measuring equipment)

- > Very compact 2K handle with bit garage
- > Rotating ring for clockwise/anticlockwise rotation adjustment, screw tightening also without ratchet function due to neutral central position with ratchet lock



| Code    | No.      | 1/4" | 6.3 | Contents   |     |     |       |
|---------|----------|------|-----|--|-----|-----|-------|
| 3031691 | 2169-012 | 1/4" | 6.3 | SL 0,8x4,5 1,0x5,5 1,2x6,5<br>PH 1 2 3<br>PZ 1 2<br>TX T10 T15 T20 T25 | 125 | 250 | 0,235 |

**2675**

Ratchet screwdriver  
SilentGEAR 1/4"  
bit holder



- > Highly compact ratchet screwdriver
- > For precision working in confined spaces
- > Very small return angle, practically 0° (not measurable with mechanical measuring equipment)

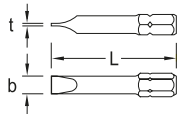
- > Rotating ring for clockwise/anticlockwise rotation adjustment, screw tightening also without ratchet function due to neutral central position with ratchet lock



| Code    | No.  | 1/4" | 6,3 |     |     |      |
|---------|------|------|-----|-----|-----|------|
| 3031918 | 2675 | 1/4" | 6,3 | 115 | 225 | 0,14 |

**680**

Screwdriver bit 1/4",  
Value pack  
for slotted head screws

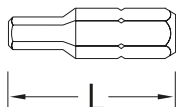


- > For hand operation and use in electric and air tools
- > Acc. to DIN ISO 2351-1
- > With hexagon drive as per DIN 3126 - C 6,3 (1/4")
- > 10 pieces Value packs

| Code    | No.         |   | t   | L  | Contents |      |
|---------|-------------|---|-----|----|----------|------|
| 6538020 | 680 7 S-010 | 7 | 1,2 | 25 | 10x      | 0,06 |
| 6538100 | 680 8 S-010 | 8 | 1,6 | 25 | 10x      | 0,07 |

**685**

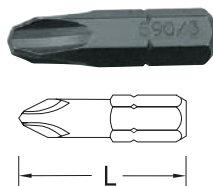
Screwdriver bit 1/4",  
Value pack  
for in-hex screws



- > For hand operation and use in electric and air tools
- > Acc. to DIN ISO 2351-3
- > With hexagon drive as per DIN 3126 - C 6,3 (1/4")
- > 10 pieces Value packs

| Code    | No.           |     | ISO 4762 | DIN 7984 | L  | Contents |      |
|---------|---------------|-----|----------|----------|----|----------|------|
| 6538880 | 685 2,5 S-010 | 2,5 | M3       | M4       | 25 | 10x      | 0,05 |
| 6538960 | 685 3 S-010   | 3   | M4       | M5       | 25 | 10x      | 0,05 |
| 6539180 | 685 4 S-010   | 4   | M5       | M6       | 25 | 10x      | 0,06 |
| 6539260 | 685 5 S-010   | 5   | M6       | M8       | 25 | 10x      | 0,06 |
| 6539340 | 685 6 S-010   | 6   | M8       | M10      | 25 | 10x      | 0,07 |
| 6539420 | 685 8 S-010   | 8   | M10      | M12      | 33 | 10x      | 0,09 |

**690**  
Screwdriver bit 1/4",  
Value pack  
for cross-head screws  
PH

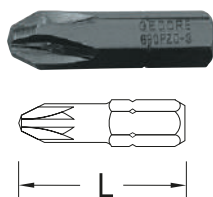


6,3 1/4"

- > For hand operation and use in electric and air tools
- > Acc. to DIN ISO 2351-2, Spitze nach DIN ISO 8764-1 PH
- > With hexagon drive as per DIN 3126 - C 6,3 (1/4")
- > 10 pieces Value packs

| Code    | No.           | ⊕ PH | L  | Contents | kg   |
|---------|---------------|------|----|----------|------|
| 6541320 | 690 2 S-010   | 2    | 25 | 10x      | 0,06 |
| 6541400 | 690 2 L S-010 | 2    | 50 | 10x      | 0,12 |
| 6541590 | 690 3 S-010   | 3    | 25 | 10x      | 0,06 |
| 6541670 | 690 3 L S-010 | 3    | 50 | 10x      | 0,12 |

**690 PZD**  
Screwdriver bit 1/4",  
Value pack  
for cross-head screws  
Pozi PZ

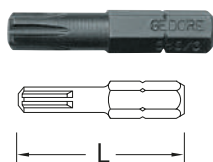


6,3 1/4"

- > For hand operation and use in electric and air tools
- > Acc. to DIN ISO 2351-2, Spitze nach DIN ISO 8764-1 PZ
- > With hexagon drive as per DIN 3126 - C 6,3 (1/4")
- > 10 pieces Value packs

| Code    | No.               | ⊕ PZ | L  | Contents | kg   |
|---------|-------------------|------|----|----------|------|
| 6552790 | 690 PZD 1 S-010   | 1    | 25 | 10x      | 0,05 |
| 1827022 | 690 PZD 1 L S-010 | 1    | 50 | 10x      | 0,12 |
| 6552870 | 690 PZD 2 S-010   | 2    | 25 | 10x      | 0,06 |
| 6553090 | 690 PZD 3 S-010   | 3    | 25 | 10x      | 0,06 |
| 6553170 | 690 PZD 3 L S-010 | 3    | 50 | 10x      | 0,12 |
| 6553680 | 690 PZD 4 S-010   | 4    | 32 | 10x      | 0,15 |

**686**  
Screwdriver bit 1/4",  
Value pack  
for multi-spline screws  
RIBE®

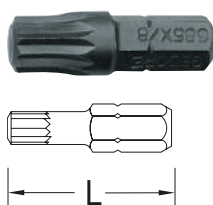


6,3 1/4"

- > For hand operation and use in electric and air tools
- > With hexagon drive as per DIN 3126 - C 6,3 (1/4")
- > 10 pieces Value packs

| Code    | No.         | ⊕  | L  | Contents | kg   |
|---------|-------------|----|----|----------|------|
| 6540780 | 686 5 S-010 | M5 | 33 | 10x      | 0,07 |
| 6540940 | 686 8 S-010 | M8 | 33 | 10x      | 0,11 |

**685 X**  
Screwdriver bit 1/4",  
Value pack  
for multi-point screws  
XZN

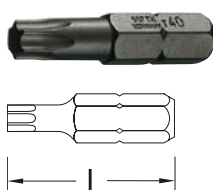


6,3 1/4"

- > For hand operation and use in electric and air tools
- > Acc. to DIN 65254
- > With external hexagon drive to DIN 3126 - C 6.3 (1/4"), tip to DIN 2325
- > 10 pieces Value packs

| Code    | No.           | ⊕  | L  | Contents | kg   |
|---------|---------------|----|----|----------|------|
| 6540190 | 685 X 6 S-010 | M6 | 25 | 10x      | 0,06 |
| 6540270 | 685 X 8 S-010 | M8 | 25 | 10x      | 0,08 |

**687 TX**  
Screwdriver bit 1/4",  
Value pack  
for recessed TX head  
screws



6,3 1/4"

- > For hand operation and use in electric and air tools
- > With hexagon drive as per DIN 3126 - C 6,3 (1/4")
- > 10 pieces Value packs

| Code    | No.              | ⊕   | mm        | L    | Contents | kg  |      |
|---------|------------------|-----|-----------|------|----------|-----|------|
| 6541910 | 687 TX T7 S-010  | T7  | M2,5      | 1,99 | 25       | 10x | 0,05 |
| 6542210 | 687 TX T10 S-010 | T10 | M3 - M3,5 | 2,74 | 25       | 10x | 0,05 |
| 6542480 | 687 TX T15 S-010 | T15 | M3,5 - M4 | 3,27 | 25       | 10x | 0,05 |
| 6542560 | 687 TX T20 S-010 | T20 | M4 - M5   | 3,86 | 25       | 10x | 0,05 |
| 6542640 | 687 TX T25 S-010 | T25 | M4,5 - M5 | 4,43 | 25       | 10x | 0,06 |
| 6542720 | 687 TX T27 S-010 | T27 | M4,5 - M6 | 4,99 | 25       | 10x | 0,06 |
| 6542800 | 687 TX T30 S-010 | T30 | M6 - M7   | 5,52 | 25       | 10x | 0,06 |
| 6542990 | 687 TX T40 S-010 | T40 | M7 - M8   | 6,65 | 25       | 10x | 0,07 |



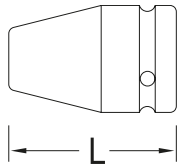
**689 TS**  
Screwdriver bit 1/4"  
TORQ-SET



- > For hand operation and use in electric and air tools
- > Acc. to DIN ISO 3126, ISO 1173
- > With hexagon drive as per DIN 3126 - C 6,3 (1/4")

| Code    | No.       | Tip size TORQ SET | L  | Contents |       |
|---------|-----------|-------------------|----|----------|-------|
| 1965506 | 689 TS 2  | 2                 | 82 | 1x       | 0,006 |
| 1965514 | 689 TS 4  | 4                 | 82 | 1x       | 0,006 |
| 1965522 | 689 TS 6  | 6                 | 82 | 1x       | 0,006 |
| 1965530 | 689 TS 8  | 8                 | 82 | 1x       | 0,006 |
| 1965549 | 689 TS 10 | 10                | 82 | 1x       | 0,006 |

**KB 619 - KB 630**  
Adaptor pieces for  
screwdriver bits 1/4"



- > Acc. to DIN 7427 Form A
- > Hexagon socket according to DIN 3126 - D 6.3 (1/4")
- > Square drive Form G DIN 3121
- > For hand-operated or power tools
- > When using machines, we recommend the use of a circlip and pin

**\*not standardised**

| Code     | No.    | Hexagon " " | Hexagon mm | Square " " | Square mm | Length mm |       |
|----------|--------|-------------|------------|------------|-----------|-----------|-------|
| 6524230  | KB 620 | 1/4"        | 6,3        | 1/4"       | 6,3       | 25        | 0,017 |
| 6530040* | KB 630 | 1/4"        | 6,3        | 3/8"       | 10        | 30        | 0,04  |
| 6524150  | KB 619 | 1/4"        | 6,3        | 1/2"       | 12,5      | 35        | 0,072 |

**620-024**  
Bit set 1/4"  
24 pieces



- > In plastic case
- > Dimensions: 110 x 65 x 31 mm

| Code    | No.     | Contents   | Pieces |       |
|---------|---------|--|--------|-------|
| 1815695 | 620-024 | Screwdriver bit 1/4" for slotted screws No. 680 4 6.5<br>Screwdriver bit 1/4" for hexagon socket screws No. 685 3 4 5 6<br>Screwdriver bit 1/4" for multi-tooth socket screws XZN No. 685 X 5 6 8<br>Screwdriver bit 1/4" for cross-head screws PH No. 690 1 2<br>Screwdriver bit 1/4" for cross-head screws PZ No. 690 PZD 1 2 3<br>Screwdriver bit 1/4" for recessed TX screws with pin No. 687 TX T8 T9 T10 T15 T20 T25 T27 T30 T40<br>Bit adapter 1/4" No. 620 | 24     | 0,185 |

**666-006**  
Bit box socket  
machine mount  
6 pieces



- > Socket wrench inserts with magnet for damage-free insertion and removal of hexagon head screws
- > Especially suitable for self-drilling screws

| Code    | No.     | Contents  | Pieces |      |
|---------|---------|---|--------|------|
| 2993244 | 666-006 | Socket wrench machine mount 1/4" 7 8 10 12 13 mm and 3/8" | 6      | 0,24 |

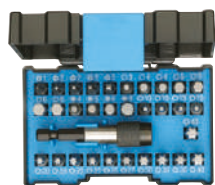
**666-032-A**  
Bit-Box Allround  
32 pieces



- > For industry, the tradesmen and DIY
- > 1/4" bit holder with quick-grip system
- > Made in Germany

| Code    | No.       | Contents  | Pieces |       |
|---------|-----------|---|--------|-------|
| 2993236 | 666-032-A | Screwdriver bit 1/4" for slotted screws No. 680 4.5 (1x) 5.5 (2x) 6.5 (1x)<br>Screwdriver bit 1/4" for cross-head screws PH No. 690 1 (2x) 2 (3x) 3 (1x)<br>Screwdriver bit 1/4" for cross-head screws PZ No. 690 PDZ 1 (2x) 2 (4x) 3 (1x)<br>Screwdriver bit 1/4" for inside TX screws No. 687 TX T10 (1x) T15 (1x) T20 (2x) T25 (3x) T30 (2x) T40 (1x)<br>Screwdriver bit 1/4" for multi-tooth socket screws XZN No. 685 X 3 (1x) 4 (1x) 5 (1x) 6 (1x)<br>Bit holder 1/4", magnetic No. 700 | 32     | 0,246 |

**666-032-J**  
Bit-Box Industry  
32 pieces



6,3 1/4"

- > Specially adapted for use in modern industrial plants
- > 1/4" bit holder with quick-grip system
- > Made in Germany

| Code    | No.       | Contents  | Pieces | kg   |
|---------|-----------|---|--------|------|
| 2993228 | 666-032-J | PH 1 (1x) PH 2 (3x) PH 3 (1x)<br>TX T10 (2x) T15 (2x) T20 (2x) T25 (3x) T27 (1x) T30 (3x) T40 (2x)<br>3 (1x) 4 (2x) 5 (2x) 6 (2x)<br>XZN M4 (1x) M5 (1x) M6 (1x) M8 (1x)<br>Adaptor 1/4"-1/4" | 32     | 0,26 |

**666-042**  
Torsions bit set  
42 pieces



6,3 1/4"

- > Torsionszone to protect bits under load. Peak torques are easily reached, which increases the lifetime of the bit
- > Incl. extremely slim, self-locking magnetic bit holder with quick change function
- > For soft and hard bolting tasks
- > Suitable for use in Impact sockets

| Code    | No.     | Contents   | Pieces | kg   |
|---------|---------|--|--------|------|
| 3100316 | 666-042 | 1/4" bits, 25mm:<br>1/4" slot 5,5, 6,5 mm<br>1/4" cross recess PR 2<br>1/4" cross recess PH 1 2 2 3<br>1/4" cross recess PZ 1 2 2 3<br>1/4" TX T10 T15 T20 T25 T30 T40<br>1/4" bits, 50mm 1/4":<br>hexagon 3 4 5 mm<br>1/4" cross recess PH 1 2 2 3<br>1/4" cross recess PZ 1 2 2 3<br>1/4" TX T10 T15 T20 T25 T30<br>1/4" bits, 88,9mm:<br>1/4" slot 5,5 mm<br>1/4" cross recess PH 2<br>1/4" cross recess PZ 2<br>1/4" TX T25<br>Drive adapter 1/4" hexagonal x 1/4" square, L. 50mm<br>Drive adapter 1/4" hexagonal x 3/8" square, L. 50mm<br>Socket wrench insert, magnetic, with 1/4" hex drive SW 8mm, L.67mm<br>Socket wrench insert, magnetic, with 1/4" hex drive SW 10mm, L.67mm<br>Socket wrench insert, magnetic, with 1/4" hex drive SW 13mm, L.67mm<br>Bit-Holder 1/4" One-touch Slim Lock, L.66,5mm | 42     | 0,67 |

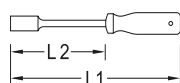
**620 - 630**  
Bit adaptor 1/4"



- > With hexagon drive as per DIN 3126 - D 6,3 (1/4")
- > with square drive as per DIN 3120 - C 6,3 (1/4") or C 10 (3/8")

| Code    | No. | Hexagon Drive | Hexagon Drive | Square Drive | Square Drive | Length [mm] | kg    |
|---------|-----|---------------|---------------|--------------|--------------|-------------|-------|
| 1649329 | 620 | 1/4"          | 6,3           | 1/4"         | 6,3          | 25          | 0,02  |
| 1973312 | 630 | 1/4"          | 6,3           | 3/8"         | 10,0         | 25          | 0,025 |

**670**  
Bit screwdriver 1/4"



- > With hexagon drive as per DIN 3126 - D 6,3 (1/4") for Bits

- > With strong magnetic holder

| Code    | No. | Hexagon Drive | Hexagon Drive | Length [mm] | Length [mm] | kg   |
|---------|-----|---------------|---------------|-------------|-------------|------|
| 6536590 | 670 | 1/4"          | 6,3           | 100         | 210         | 0,14 |

**670 K**

Bit screwdriver 1/4"  
short pattern



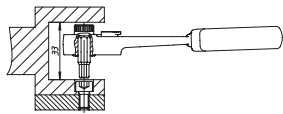
- > With hexagon drive as per DIN 3126 - D 6,3 (1/4") for Bits
- > With hexagon drive as per DIN 3126 - D 6,3 (1/4")

- > with square drive as per DIN 3120 - C 6,3 (1/4") or C 10 (3/8")
- > With strong magnetic holder

| Code    | No.   | Hexagon | Hexagon | mm | kg  |
|---------|-------|---------|---------|----|-----|
| 1953796 | 670 K | 1/4"    | 6,3     | 80 | 0,1 |

**671**

Bit ratchet 1/4"



- > With knurled head for quick starting or counter-holding of screws
- > Hexagon socket according to DIN 3126 - D 6.3 (1/4")

- > Slim line design for working in confined spaces

| Code    | No. | Hexagon | Hexagon | Angle | mm  | mm   | kg    |
|---------|-----|---------|---------|-------|-----|------|-------|
| 6535350 | 671 | 1/4"    | 6,3     | 15°   | 127 | 18,3 | 0,108 |

**673**

Adaptor



- > Acc. to DIN 7428, ISO 3317
- > External hexagon according to DIN 3126 - E 6.3 (1/4")
- > External square drive according to DIN 3121 for machine-operated sockets
- > Also suitable for battery screwdrivers without impact effect

| Code    | No.     | Hexagon | Hexagon | Hexagon | Hexagon | mm | kg    |
|---------|---------|---------|---------|---------|---------|----|-------|
| 1834878 | 673 10  | 3/8"    | 10      | 1/4"    | 6,3     | 50 | 0,026 |
| 6536320 | 673 6,3 | 1/4"    | 6,3     | 1/4"    | 6,3     | 50 | 0,016 |

**673 K**

Adaptor  
short pattern



- > External hexagon according to DIN 3126 - E 6.3 (1/4")
- > External square according to DIN 3120 - A 6.3 (1/4")

| Code    | No.   | Hexagon | Hexagon | Hexagon | Hexagon | mm | kg   |
|---------|-------|---------|---------|---------|---------|----|------|
| 2000245 | 673 K | 1/4"    | 6,3     | 1/4"    | 6,3     | 17 | 0,02 |

**673 L**

Adaptor  
Long pattern



- > With external hexagon 1/4" and external square according to DIN 3120 - A 6.3 (1/4")
- > For hand operation
- > For use with driving handle, No. 676, or torque handle, No. 2140

| Code    | No.   | Hexagon | Hexagon | Hexagon | Hexagon | mm  | kg   |
|---------|-------|---------|---------|---------|---------|-----|------|
| 1811061 | 673 L | 1/4"    | 6,3     | 1/4"    | 6,3     | 130 | 0,05 |

**676**  
Driving handle



- > Non-slip 2-component handle
- > With 1/4" hexagon socket

| Code    | No. | 1/4" | 6,3 | kg    |
|---------|-----|------|-----|-------|
| 1649337 | 676 | 1/4" | 6,3 | 0,042 |

**699**  
Bit holder  
for power tools



- > Acc. to DIN 7427 Form D
- > With hexagon drive as per DIN 3126 - E 6,3 (1/4")
- > With hexagon drive as per DIN 3126 - D 6,3 (1/4")
- > With magnetic holder

| Code    | No. | 1/4" | 6,3 | 1/4" | 6,3 | 30 | 60 | kg    |
|---------|-----|------|-----|------|-----|----|----|-------|
| 6538610 | 699 | 1/4" | 6,3 | 1/4" | 6,3 | 30 | 60 | 0,023 |

**699 L**  
Bit holder  
Long pattern



- > With hexagon drive as per DIN 3126 - C 6,3 (1/4")
- > With hexagon drive as per DIN 3126 - D 6,3 (1/4")
- > For hand operation
- > With magnetic holder

| Code    | No.   | 1/4" | 6,3 | 1/4" | 6,3 | 32 | 130 | kg    |
|---------|-------|------|-----|------|-----|----|-----|-------|
| 1802437 | 699 L | 1/4" | 6,3 | 1/4" | 6,3 | 32 | 130 | 0,039 |

**700**  
Bit holder  
magnetic



- > With quick clamping system for bits with external hexagon drive according to DIN 3126 - C 6.3 (1/4") and E 6.3 (1/4")

| Code    | No. | 1/4" | 6,3 | 1/4" | 6,3 | 14,0 | 60,5 | kg    |
|---------|-----|------|-----|------|-----|------|------|-------|
| 6530550 | 700 | 1/4" | 6,3 | 1/4" | 6,3 | 14,0 | 60,5 | 0,026 |

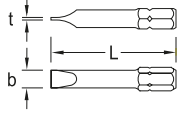
**169**  
Magazine handle screwdriver



- > For heavy duty use
- > With 1/4" hexagonal socket
- > Magnetic magazine handle with room for 7 bits
- > Cap with click-locking

| Code    | No. | 1/4" | 6,3 | Contents   | 115 | 220 | kg    |
|---------|-----|------|-----|--|-----|-----|-------|
| 6432700 | 169 | 1/4" | 6,3 | Screwdriver bit 1/4" slot No. 680 4 5.5 6.5<br>Screwdriver bit 1/4" cross recess No. 690 PH 1 2<br>Screwdriver bit 1/4" cross recess No. 690 PZD 1 2 | 115 | 220 | 0,206 |

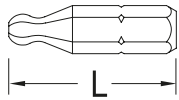
**880**  
Screwdriver bit 5/16"  
for slotted head screws



- > For hand operation and use in electric and air tools
- > Acc. to DIN ISO 2351-1
- > With hexagon drive as per DIN 3126 - C 8 (5/16")

| Code           | No.     | ⊖   | t   | L  |       |
|----------------|---------|-----|-----|----|-------|
| <b>6566820</b> | 880 6,5 | 6.5 | 1,2 | 41 | 0,013 |
| <b>6567040</b> | 880 8   | 8   | 1,6 | 41 | 0,015 |
| <b>6567120</b> | 880 9   | 9   | 1,6 | 41 | 0,016 |
| <b>6567200</b> | 880 10  | 10  | 1,6 | 41 | 0,019 |
| <b>6567390</b> | 880 12  | 12  | 2   | 41 | 0,029 |
| <b>6567470</b> | 880 14  | 14  | 2,5 | 41 | 0,029 |

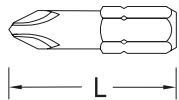
**885**  
Screwdriver bit 5/16"  
for in-hex screws



- > For hand operation and use in electric and air tools
- > Acc. to DIN ISO 2351-3
- > With hexagon drive as per DIN 3126 - C 8 (5/16")

| Code           | No.    | ●  | ISO 4762 | DIN 7984 | L  |       |
|----------------|--------|----|----------|----------|----|-------|
| <b>6568280</b> | 885 4  | 4  | M5       | M6       | 30 | 0,010 |
| <b>6568360</b> | 885 5  | 5  | M6       | M8       | 30 | 0,011 |
| <b>6568440</b> | 885 6  | 6  | M8       | M10      | 30 | 0,011 |
| <b>6568600</b> | 885 10 | 10 | M12      | M14      | 30 | 0,017 |

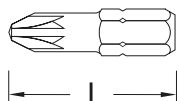
**890**  
Screwdriver bit 5/16"  
for cross-head screws PH



- > For hand operation and use in electric and air tools
- > Acc. to DIN ISO 2351-2, Tip according to DIN ISO 8764-1 PH
- > With hexagon drive as per DIN 3126 - C 8 (5/16")

| Code           | No.   | ⊕ PH | L  |       |
|----------------|-------|------|----|-------|
| <b>6571580</b> | 890 1 | 1    | 32 | 0,010 |
| <b>6571660</b> | 890 2 | 2    | 32 | 0,010 |
| <b>6571740</b> | 890 3 | 3    | 32 | 0,010 |
| <b>6571820</b> | 890 4 | 4    | 32 | 0,012 |

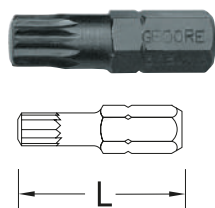
**890 PZD**  
Screwdriver bit 5/16"  
for cross-head screws Pozi PZ



- > For hand operation and use in electric and air tools
- > Acc. to DIN ISO 2351-2, Tip according to DIN ISO 8764-1 PZ
- > With hexagon drive as per DIN 3126 - C 8 (5/16")

| Code           | No.       | ⊕ PZ | L  |       |
|----------------|-----------|------|----|-------|
| <b>6553250</b> | 890 PZD 1 | 1    | 32 | 0,009 |
| <b>6553330</b> | 890 PZD 2 | 2    | 32 | 0,010 |
| <b>6553410</b> | 890 PZD 3 | 3    | 32 | 0,011 |
| <b>6553760</b> | 890 PZD 4 | 4    | 32 | 0,013 |

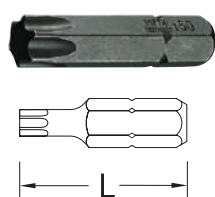
**885 X**  
Screwdriver bit 5/16"  
for multi-point screws  
XZN



- > For hand operation and use in electric and air tools
- > With external hexagon drive to DIN 3126 - C 8 (5/16"), tip to DIN 2325

| Code           | No.     | ⊙  | L  | kg    |
|----------------|---------|----|----|-------|
| <b>6569250</b> | 885 X 6 | M6 | 28 | 0,009 |
| <b>6569330</b> | 885 X 8 | M8 | 28 | 0,011 |

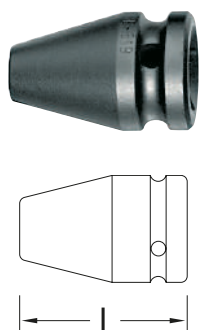
**887 TX**  
Screwdriver bit 5/16"  
for recessed TX head  
screws



- > For hand operation and use in electric and air tools
- > With hexagon drive as per DIN 3126 - C 8 (5/16")

| Code           | No.        | ⊙   | mm   | L  | kg    |
|----------------|------------|-----|------|----|-------|
| <b>6571150</b> | 887 TX T30 | T30 | 5,52 | 35 | 0,012 |
| <b>6571230</b> | 887 TX T40 | T40 | 6,65 | 35 | 0,013 |
| <b>6571310</b> | 887 TX T45 | T45 | 7,82 | 35 | 0,014 |
| <b>6575140</b> | 887 TX T50 | T50 | 8,83 | 35 | 0,015 |

**KB 819 - KB 830**  
Adaptor pieces for  
screwdriver bits 5/16"



- > Acc. to DIN 7427 Form A
- > Hexagon socket according to DIN 3126 - D 6.3 (1/4")
- > Square drive Form G DIN 3121
- > For hand-operated or power tools
- > When using the machine, we recommend the use of a circlip and pin

| Code           | No.    | ⊙"    | ⊙mm | □"   | □mm  | ↳ mm | kg    |
|----------------|--------|-------|-----|------|------|------|-------|
| <b>6563560</b> | KB 820 | 5/16" | 8,0 | 1/4" | 6,3  | 25   | 0,018 |
| <b>6563800</b> | KB 830 | 5/16" | 8,0 | 3/8" | 10   | 30   | 0,04  |
| <b>6563480</b> | KB 819 | 5/16" | 8,0 | 1/2" | 12,5 | 35   | 0,075 |

**871**  
Bit ratchet 5/16"



- > With knurled head for quick starting or counter-holding of screws
- > Hexagon socket according to DIN 3126 - D 8 (5/16")

> Slim line design for working in confined spaces

| Code           | No. | ⊙"    | ⊙ | ∠°  | ↳ mm | mm   | kg  |
|----------------|-----|-------|---|-----|------|------|-----|
| <b>6535430</b> | 871 | 5/16" | 8 | 15° | 127  | 20,2 | 0,1 |



# TORQUE TOOLS

## Maximum control in production guarantees high quality tools.

Use of the best quality steel, state-of-the-art machinery and environmentally friendly production processes. Our tooling experts ensure meticulous processing and future development. Precise adherence to strict testing and measuring specifications are the seal for the highest product quality. Wide range of mechanical or electronic torque spanners, testing devices and torque multipliers and accessories. Customised service packages including the development of customer-specific solutions.

All parts entering the production process - from the steel to the smallest spring - are inspected, and all production steps or operations are subject to strict quality controls.

After assembly and adjustment the torque tools are checked for accuracy (calibrated) in the final inspection and given a serial number. All torque tools are delivered with a factory test certificate or a calibration certificate in accordance with the applicable standards and guidelines. Processing quality, repeat accuracy and service life are tested in regular endurance tests. Insights gained here flow directly back into the optimisation of the production process.

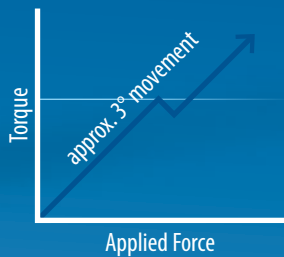


### TRACEABLE SAFETY

- DAkkS calibration in our own accredited, independent DAkkS calibration laboratory
- In-house calibration according to



0.04 TO  
54,000 N·M

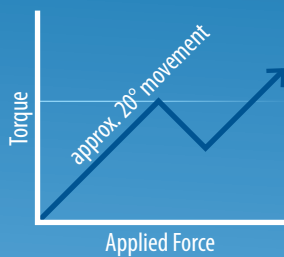


**CLICK TOOLS** - Overtightening Possible



When the preset torque value is reached the operator will hear a click, feel an impulse and there will be approximately 3° of tool movement. Resetting takes place when the hand pressure is released. Work can then immediately continue.

These tools are generally length dependent (exception DREMOMETER models AM - F), the position of the hand on the tool alters the torque produced.

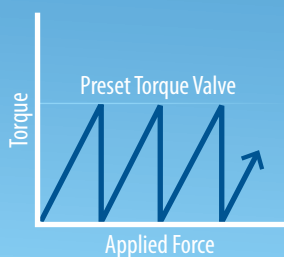


**BREAKING TOOLS** - Overtightening Unlikely



When the preset torque value is reached, these tools break at a specific point along the tool's length - usually at a pivot point near the tool's head. In most cases the movement is approximately 20°. The tool is automatically reset by allowing the handle to return to its in line position. These tools are length

dependent, the position of the hand on the tool alters the torque produced. Continued application of force after 20° of tool movement will increase the torque applied above the preset limit but with the greater angle of tool movement this is less likely.



**SLIPPING TOOLS** - Overtightening Impossible



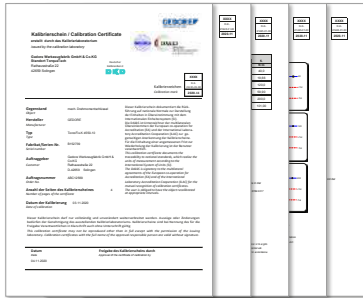
When the preset torque value is reached, a mechanism in the tool causes the application of torque to cease and the tool slips free for a short time until resetting occurs. Even if the application of force

is repeated, the preset torque value will not be exceeded, therefore making it impossible to overtighten a fastener. These tools are not length dependent.

# CERTIFIED PRECISION

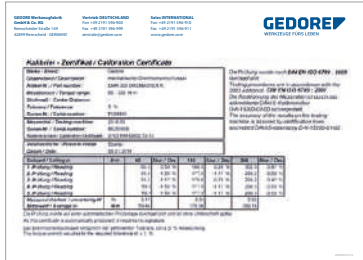
We give you the security you need

**PTB**  
NATIONAL  
STANDARD  
Basis of all  
lower-order standards



- Direct traceability to the national standard
- DAKKS calibrations according to DAKKS guidelines: DKD-R 3-7:2018; DKD-R 3-8:2018 and DIN EN ISO 6789-2:2017
- Passing on the smallest possible measurement uncertainties
- DAKKS calibration of own and third-party products (*Repair and adjustment of third-party products is not possible*).
- Air-conditioned laboratory control under strictest conditions
- DAKKS calibration certificate and DAKKS calibration mark

**DAKKS CALIBRATION  
LABORATORY  
THE GEDORE  
TOOL FACTORY  
GMBH & CO.KG**  
ACCESSORIES STANDARD  
Highest standard  
Accredited area according to  
DIN EN ISO 17025:2018



- Indirect traceability to the national standard
- Factory calibration according to DIN EN ISO 6789-2:2017 or GTTWN001
- Factory calibration, if necessary with adjustment and repair (*only for in-house production*)
- Factory test certificate and factory calibration mark from the Calibration laboratory of GEDORE Werkzeugfabrik GmbH & Co.KG

**GEDORE**  
USAGE STANDARD  
For testing  
measuring devices

## FACTORY CALIBRATION CERTIFICATE ACCORDING TO DIN EN ISO 6789-2:2017

- It contains all the information about the calibration object, required according to DIN EN ISO 6789-2:2017 (e.g. classification, measurement results, measurement uncertainty).
- The calibration is performed on suitable measuring equipment, which comply with the standard DIN EN ISO 6789-2:2017.
- The calibration result shall be reported together with a measurement uncertainty part according to DIN EN ISO 6789-2:2017.



**CUSTOMER TEST EQUIPMENT**  
Measuring devices for monitoring  
torque wrenches

**PRODUCTS**  
Measuring tools (torque wrenches)  
which check and tighten bolts safely

|                            | TYPE   | MEASURING RANGE     | MEASURING PROCESS   | MINIMUM MEASUREMENT INACCURACY INDICATED |
|----------------------------|--|---------------------|---|--|
| <b>DAKKS-CALIBRATION</b>   | Electr. torque wrench                              | 0,2 N-m – 1.000 N-m | DKD-R 3-7:2018  | 0,2 %                                    |
|                            | Calibration equipment torque wrench (test devices) | 0,2 N-m – 3.500 N-m | DKD-R 3-8:2018  | 0,2 %                                    |
|                            | Hand-operated torque wrench                        | 0,2 N-m – 1.000 N-m | DIN EN ISO 6789-2:2017  | 1 %                                      |
| <b>FACTORY CALIBRATION</b> | Electr. torque wrench                              | 0,2 N-m – 1.000 N-m | GEDORE factory standard   | 2 %                                      |
|                            | Calibration equipment torque wrench (test devices) | 0,2 N-m – 3.500 N-m | based on VDI/VDE 2646   | 2 %                                      |
|                            | Hand-operated torque wrench                        | 0,2 N-m – 3.000 N-m | DIN EN ISO 6789-2:2017 or GEDORE factory standard                     | 1 %                                      |
|                            | Electr. torque/rotary angle wrench                 | 5 N-m – 300 N-m     | VDI/VDE 2647<br>VDI/VDE 2648 Sheet 2<br>Homologation according to OEM | 0,5 °                                    |

## DAkKS calibration certificate - internationally recognised

The DAkKS calibration certificate documents the calibration result - the DAkKS calibration mark on the calibration item identifies the DAkKS laboratory that carried out the calibration. It is recognised in many other countries as official proof of traceability - the basis for this are multilateral international agreements.

Please look for our registration no. D-K-21245-01-00. In the calibration procedure the calibration laboratory of GEDORE Werkzeugfabrik GmbH & Co. KG is obliged to fulfil the contractually stipulated criteria of the DAkKS.

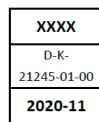
In the DAkKS calibration certificate, in addition to the usual calibration certificate contents, the measurement uncertainties of the calibration equipment used are also taken into account. The documented calibration result includes both the measurement uncertainty of the of the calibration object as well as the measurement uncertainty of the calibration device. Therefore, the DAkKS calibration offers the highest level of security for the controlled screw tightening.

| Kalibrierschein / Calibration Certificate  |  | GEDORE  |  |      |      |             |         |
|--|--|---|--|------|------|-------------|---------|
| erstellt durch das Kalibrierlaboratorium<br>issued by the calibration laboratory   |  |   |  |      |      |             |         |
| Gedore Werkzeugfabrik GmbH & Co. KG<br>Standort TorqueTech<br>Rathausstraße 22<br>42699 Solingen   |  | Deutscher<br>Kalibrierdienst<br><b>DKD</b>  |  |      |      |             |         |
|  |  | <br>Kalibrierzeichen<br>Calibration mark   |  |      |      |             |         |
|  |  | <table border="1"> <tr><td>XXXX</td></tr> <tr><td>D-K-</td></tr> <tr><td>21245-01-00</td></tr> <tr><td>2020-11</td></tr> </table>   |  | XXXX | D-K- | 21245-01-00 | 2020-11 |
| XXXX   |  |   |  |      |      |             |         |
| D-K-   |  |   |  |      |      |             |         |
| 21245-01-00  |  |   |  |      |      |             |         |
| 2020-11  |  |   |  |      |      |             |         |
| <b>Gegenstand</b><br>Object  | mech. Drehmomentschlüssel  | Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem internationalen Einheitensystem (SI). Die DAkKS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine. Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich. |  |      |      |             |         |
| <b>Hersteller</b><br>Manufacturer  | GEDORE   | This calibration certificate documents the traceability to national standards, which realize the units of measurement according to the International System of Units (SI). The DAkKS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates. The user is obliged to have the object recalibrated at appropriate intervals.                             |  |      |      |             |         |
| <b>Typ</b><br>Type   | TorusFix-K 4550-10   |   |  |      |      |             |         |
| <b>Fabrikat/Serien-Nr.</b><br>Serial number  | B152730  |   |  |      |      |             |         |
| <b>Auftraggeber</b><br>Customer  | Gedore Werkzeugfabrik GmbH & Co. KG<br>Rathausstraße 22<br>D-42699 Solingen          |   |  |      |      |             |         |
| <b>Auftragsnummer</b><br>Order No.   | ABC12569   |   |  |      |      |             |         |
| <b>Anzahl der Seiten des Kalibrierscheines</b><br>Number of pages of the certificate   | 4  |   |  |      |      |             |         |
| <b>Datum der Kalibrierung</b><br>Date of calibration   | 03.11.2020   |   |  |      |      |             |         |
| Dieser Kalibrierschein darf nur vollständig und unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung des ausstellenden Kalibrierlaboratoriums. Kalibrierscheine sind bei Nennung des für die Freigabe Verantwortlichen in Klarschrift auch ohne Unterschrift gültig.<br>This calibration certificate may not be reproduced other than in full except with the permission of the issuing laboratory. Calibration certificates with the full name of the approval responsible person are valid without signature. |  |   |  |      |      |             |         |
| <b>Datum</b><br>Date   | Freigabe des Kalibrierscheins durch<br>Approval of the certificate of calibration by |   |  |      |      |             |         |
|  | 04.11.2020   |   |  |      |      |             |         |



### AUTHORISED CALIBRATION AND CONTROL AT THE HIGHEST LEVEL

- Own accredited DAkKS calibration laboratory for the measurand torque with registration number: D-K-21245-01-00, Accredited procedures: DKD-R 3-7:2018; DKD-R 3-8:2018; DIN EN ISO 6789-2:2017.
- A calibration laboratory belonging to the DKD since 2000, which has been accredited by the by the German Accreditation (DAkKS) accredited and monitored by the German Accreditation Body (DAkKS) according to DIN EN ISO 17025.
- Regular monitoring of the calibration laboratory by the DAkKS (every 24 months). Regular RE calibrations of the transfer standards by PTB (every 24 months)
- Regular internal audits and internal RE calibrations. (every 5 months)



### A CALIBRATION IS ALWAYS A SNAPSHOT!

A calibration is always a snapshot! During calibration, measurement deviations and measurement uncertainties are recorded on a specific date and documented accordingly in a calibration certificate. On the basis of these calibration results, a statement can be made about the tolerance compliance during the last calibration. However, no statement can be made about future behaviour.

If you have any further questions - just dial our service number:

**+49 (0) 1804 37 36 68**

(only 0.24 Euro per call from a domestic landline; deviations possible when using mobile phones or service providers).

The provision of a factory test certificate in accordance with GEDORE criteria, as well as adjustment and repair, is only possible for torque spanners and testing equipment from our own production. Factory and DAkKS calibrations are right-hand calibrations. Additional left-hand and angle calibrations on request.

Depending on requirements and customer wishes, we calibrate according to DAkKS guidelines or according to GEDORE criteria.

### CALIBRATE REGULARLY, CALIBRATE AND CERTIFY. WHY IS THIS SO IMPORTANT?

This is the only way we can permanently guarantee the precision and reliability of our torque tools. This is a major concern for us, because your safety is close to our hearts. Because we hereby offer you the safety you need for everyday "controlled screw tightening".

#### WE RECOMMEND:

- Calibration 1x per year DIN EN ISO 6789-2:2017 or after 5000 load cycles DIN EN ISO 6789-1:2017

#### YOUR ADVANTAGE:

- Ensure functional capability
- Ensuring compliance with the tolerance specifications according to DIN EN ISO 6789-1:2017
- Prevention of faulty screw connections
- Ensuring product quality
- Reduction of follow-up costs

Full service package / benefits only valid for Germany. Please ask our subsidiaries for the respective possibilities for your country.





# **i** DREMOMETER

Permanent Precision



SE 9x12 14x18 8-400 N·m



L 1/4 - 1 6-2000 N·m



1/4 - 1/2 6-3000 N·m

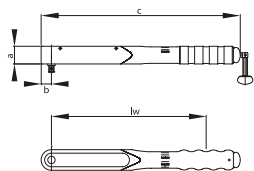


Z 16 22 29 8-1000 N·m

- 1** DRIVE IN ACCORDANCE WITH APPLICATION
- 2** CLASSIFIED TO DIN EN ISO 6789:2017 TYPE II CLASS A,
- 3** CLEAR DOUBLE SCALE N·M AND LBF·IN/LBF·FT (DEPENDING ON MODEL)
- 4** ROBUST AND LIGHT ALUMINIUM CONSTRUCTION WITH ERGONOMIC HANDLE
- 5** RELEASES AUTOMATICALLY PERCEPTIBLE AND AUDIBLE
- 6** NEW HANDLE SHAPE ALLOWS THE USE OF EXTENSION TUBES

## 8554 AM - 8559 AML

Torque wrench DREMOMETER  
6-30 N·m / 50-270 lbf·in



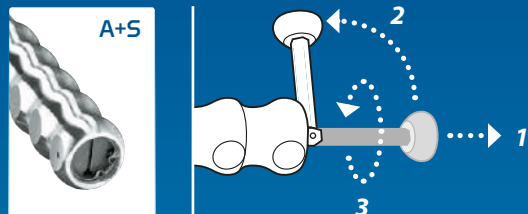
- > Torque wrench with 1/4" square drive in the range 6 - 30 N·m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click

- > Double scale for measuring ranges in the lbf-in range
- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code    | No.     | Drive type/drive | □"   | ■ mm | Storage          | N·m  | lbf·in | lw  | a  | b  | c   |                   |       |
|---------|---------|------------------|------|------|------------------|------|--------|-----|----|----|-----|-------------------|-------|
| 7775440 | 8554-01 | Single square    | 1/4" | 6,3  | Plastic box      | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 0,85  |
| 7674090 | 8554-02 | Single square    | 1/4" | 6,3  | Plastic cassette | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 0,992 |
| 7775870 | 8559-01 | Double square    | 1/4" | 6,3  | Plastic box      | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 0,553 |

### TECHNICAL INFORMATION

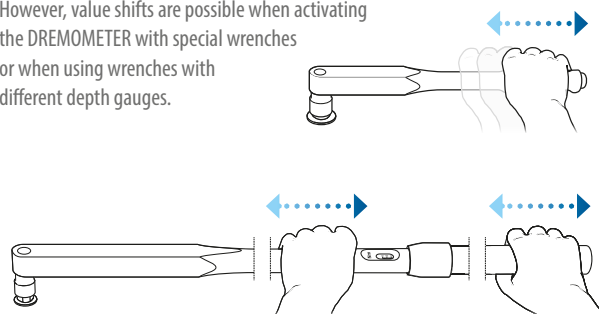
Setting of the torque value to N-m or alternatively to lbf-in / lbf-ft by the non-losable hexagon key in the handgrip. The smooth-running mechanism enables the setting to be made quickly without significant force needing to be applied. All DREMOMETERS are also available with locking and safety device (A+S). Pre-set value locking and safety device (A+S) eliminates the possibility of unintentional or manipulated adjustment, thereby representing more process reliability of the user



### OPERABLE WITHOUT INACCURACIES

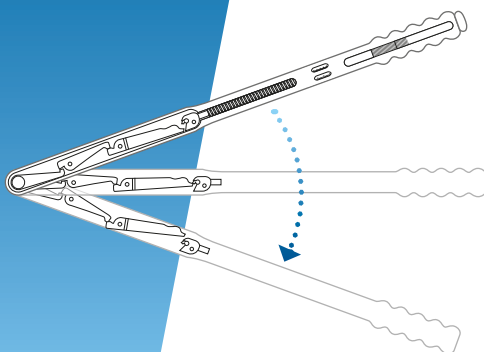
Regardless of where you apply the force, at the center of the handgrip or another part of the DREMOMETER, with both hands or using an extension tube, your torque setting will always be attained, without shifts in value. Due to its unique single-axis location of the centre of rotation and the output square drive, the DREMOMETER is a tool that can be operated free from errors. In contrast to conventional torque wrenches, this single lever enables tightening without shifts in the measured value and without interference caused by activation outside of the handgrip.

However, value shifts are possible when activating the DREMOMETER with special wrenches or when using wrenches with different depth gauges.



### WORKING PRINCIPLE

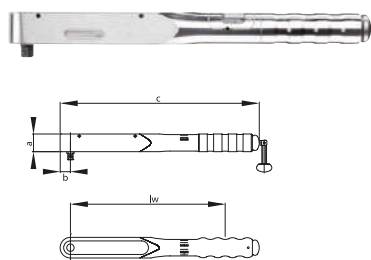
The quality lever chain produced in the company's own drop forge reduces the strain on the mechanics to a minimum. The proportioning of the individual levers, which are optimally attuned to each other, gives the DREMOMETER its unique precision and its long tool life.



- 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).

### 8560 A - 8565 AL

Torque wrench DREMOMETER  
8-40 N·m / 70-350 lbf-in



- > Torque wrench with 3/8" square drive in the range of 8 - 40 N-m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in the lbf-in range



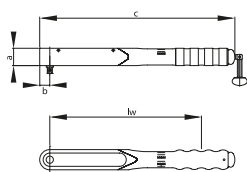
- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code    | No.     | Drive type/drive | □"   | □mm | Storage     | N-m  | lbf-in | lw  | a  | b    | c   | □□□□□□            | □□□□  |
|---------|---------|------------------|------|-----|-------------|------|--------|-----|----|------|-----|-------------------|-------|
| 7682000 | 8560-01 | Single square    | 3/8" | 10  | Plastic box | 8-40 | 70-350 | 262 | 30 | 17,5 | 338 | 5 N-m / 50 lbf-in | 0,848 |
| 7682190 | 8565-01 | Double square    | 3/8" | 10  | Plastic box | 8-40 | 70-350 | 262 | 30 | 17,5 | 338 | 5 N-m / 50 lbf-in | 1     |



**8561 B - 8566 BL**

Torque wrench DREMOMETER  
25-120 N·m / 18-90 lbf·ft



- > Torque wrench with 1/2" square drive in the range of 25 - 120 N·m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range

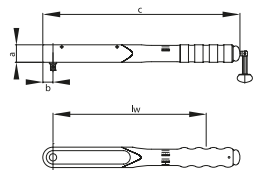


- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Power-saving through the use of optional extension tubes

| Code    | No.      | Drive type/drive | "    | mm   | Storage     | Contents                        | N·m    | lbf·ft | lw  | a  | b    | c   | Scale            | kg  |
|---------|----------|------------------|------|------|-------------|---------------------------------|--------|--------|-----|----|------|-----|------------------|-----|
| 2926989 | 8561-001 | Single square    | 1/2" | 12,5 | Plastic box | ALU-extension tube No. 8577-350 | 25-120 | 18-90  | 373 | 30 | 17,5 | 462 | 5 N·m / 5 lbf·ft | 2,2 |
| 7683320 | 8561-01  | Single square    | 1/2" | 12,5 | Plastic box |                                 | 25-120 | 18-90  | 373 | 30 | 17,5 | 462 | 5 N·m / 5 lbf·ft | 1,5 |
| 7683400 | 8566-01  | Double square    | 1/2" | 12,5 | Plastic box |                                 | 25-120 | 18-90  | 373 | 30 | 17,5 | 462 | 5 N·m / 5 lbf·ft | 1,5 |

**8573 BC - 8578 BCL**

Torque wrench DREMOMETER  
40-200 N·m / 30-150 lbf·ft



- > Torque wrenches with 1/2" square drive in the range 40 - 200 N·m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range

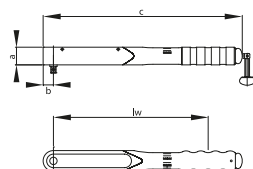


- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > With push-button release

| Code    | No.     | Drive type/drive | "    | mm   | Storage     | Contents | N·m    | lbf·ft | lw  | a  | b    | c   | Scale            | kg  |
|---------|---------|------------------|------|------|-------------|----------|--------|--------|-----|----|------|-----|------------------|-----|
| 7685530 | 8573-00 | Single square    | 1/2" | 12,5 | Plastic box |          | 40-200 | 30-150 | 463 | 30 | 17,5 | 551 | 5 N·m / 5 lbf·ft | 1,4 |
| 7683590 | 8573-02 | Single square    | 1/2" | 12,5 | Plastic box |          | 40-200 | 30-150 | 463 | 30 | 17,5 | 551 | 5 N·m / 5 lbf·ft | 3,5 |
| 7683670 | 8578-00 | Double square    | 1/2" | 12,5 | Plastic box |          | 40-200 | 30-150 | 463 | 30 | 17,5 | 551 | 5 N·m / 5 lbf·ft | 1,4 |

**8562 C - 8567 CL**

Torque wrench DREMOMETER  
60-300 N·m / 45-220 lbf·ft

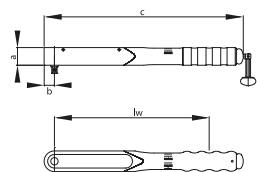


- > Torque wrenches with 1/2" square drive in the range 60 - 300 N·m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range



- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Power-saving through the use of optional extension tubes

| Code    | No.      | Drive type/drive | "    | Storage     | Contents                        | N·m    | lbf·ft | Scale            | lw  | a  | d   | kg  |
|---------|----------|------------------|------|-------------|---------------------------------|--------|--------|------------------|-----|----|-----|-----|
| 2926997 | 8562-001 | Single square    | 1/2" | Plastic box | ALU-extension tube No. 8577-350 | 60-300 | 45-220 | 5 N·m / 5 lbf·ft | 529 | 35 | 617 | 2,7 |
| 7685450 | 8562-10  | Single square    | 1/2" | Plastic box |                                 | 60-300 | 45-220 | 5 N·m / 5 lbf·ft | 529 | 35 | 617 | 2   |
| 7685960 | 8567-10  | Double square    | 1/2" | Plastic box |                                 | 60-300 | 45-220 | 5 N·m / 5 lbf·ft | 529 | 35 | 617 | 2,3 |

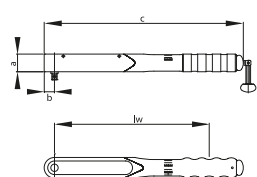
**8570 CD - 8575 CDL**Torque wrench DREMOMETER  
80-360 N·m / 60-260 lbf·ft

- > Torque wrench with 3/4" square drive in the range of 80 - 360 N.m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range



- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Power-saving through the use of optional extension tubes

| Code           | No.      | Drive type/drive | "    | Storage     | Contents                        | N-m    | lbf-ft | سلسله            | lw  | a  | d   | kg  |
|----------------|----------|------------------|------|-------------|---------------------------------|--------|--------|------------------|-----|----|-----|-----|
| <b>2927004</b> | 8570-001 | Single square    | 3/4" | Plastic box | ALU-extension tube No. 8577-350 | 80-360 | 60-260 | 5 N-m / 5 lbf-ft | 624 | 45 | 717 | 3,1 |
| <b>7688470</b> | 8570-10  | Single square    | 3/4" | Plastic box |                                 | 80-360 | 60-260 | 5 N-m / 5 lbf-ft | 624 | 45 | 717 | 2,8 |
| <b>7688710</b> | 8575-10  | Double square    | 3/4" | Plastic box |                                 | 80-360 | 60-260 | 5 N-m / 5 lbf-ft | 624 | 45 | 717 | 2,4 |

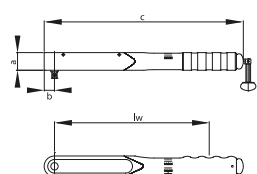
**8574 DS - 8579 DSL**Torque wrench DREMOMETER  
110-550 N·m / 80-400 lbf·ft

- > Torque wrench with 3/4" square drive in the range of 110 - 550 N.m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range
- > Highest accuracy max. deviation of +/- 3



- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code           | No.     | Drive type/drive | "    | Storage     | N-m     | lbf-ft | سلسله              | lw  | a  | d   | kg  |
|----------------|---------|------------------|------|-------------|---------|--------|--------------------|-----|----|-----|-----|
| <b>1427156</b> | 8574-10 | Single square    | 3/4" | Plastic box | 110-550 | 80-400 | 10 N-m / 10 lbf-ft | 719 | 45 | 812 | 2,9 |
| <b>1427121</b> | 8579-10 | Double square    | 3/4" | Plastic box | 110-550 | 80-400 | 10 N-m / 10 lbf-ft | 719 | 45 | 812 | 2,9 |

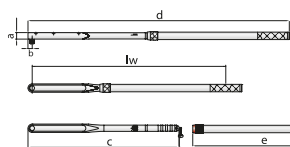
**8563 D - 8568 DL**Torque wrench DREMOMETER  
110-550 N·m / 80-400 lbf·ft

- > Torque wrench with 3/4" square drive in the range of 110 - 550 N.m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range



- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code           | No.     | Drive type/drive | "    | Storage     | N-m     | lbf-ft  | سلسله       | lw  | a  | d   | kg   |
|----------------|---------|------------------|------|-------------|---------|---------|-------------|-----|----|-----|------|
| <b>7691500</b> | 8563-10 | Single square    | 3/4" | Plastic box | 155-760 | 115-560 | / 10 lbf-ft | 719 | 45 | 812 | 3,45 |
| <b>7692070</b> | 8563-20 | Single square    | 3/4" | metal box   | 155-760 | 115-560 | / 10 lbf-ft | 719 | 45 | 812 | 7,7  |
| <b>7692660</b> | 8563-30 | Single square    | 3/4" | Set mm      | 155-760 | 115-560 | / 10 lbf-ft | 719 | 45 | 812 | 13   |
| <b>7691850</b> | 8568-10 | Double square    | 3/4" | Plastic box | 155-760 | 115-560 | / 10 lbf-ft | 719 | 45 | 812 | 3,2  |

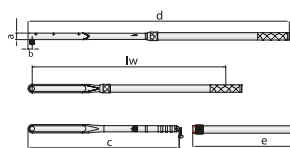
**8563 DR - 8568 DRL**Torque wrench DREMOMETER  
155-760 N·m / 115-560 lbf·ft

- > Torque wrench with 3/4" square drive in the range 155 - 760 N.m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range
- > Highest accuracy max. deviation of +/- 3



- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Power-saving through the use of optional extension tubes

| Code           | No.     | Drive type/drive | ■"   | ■mm | Storage     | Contents                       | N-m     | lbf-ft  | lw     | a  | b    | c   | d    | e   |   |
|----------------|---------|------------------|------|-----|-------------|--------------------------------|---------|---------|--------|----|------|-----|------|-----|---|
| <b>7670180</b> | 8563-01 | Single square    | 3/4" | 20  | Plastic box | ALU extension tube No. 8571-80 | 155-760 | 115-560 | 1290,5 | 35 | 22,5 | 812 | 1403 | 762 | 5 |
| <b>7670500</b> | 8568-01 | Double square    | 3/4" | 20  | Plastic box | ALU extension tube No. 8571-80 | 155-760 | 115-560 | 1290,5 | 35 | 22,5 | 812 | 1403 | 762 | 5 |

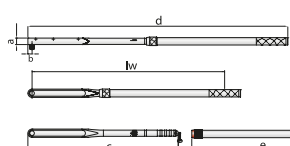
**8571 DX - 8576 DXL**Torque wrench DREMOMETER  
520-1000 N·m / 380-730 lbf·ft

- > Torque wrench with 3/4" square drive in the range of 520 - 1000 N.m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range



- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes

| Code           | No.     | Drive type/drive | ■"   | ■mm | Storage     | Contents                       | N-m      | lbf-ft  | lw     | a  | b    | c   | d    | e   |      |
|----------------|---------|------------------|------|-----|-------------|--------------------------------|----------|---------|--------|----|------|-----|------|-----|------|
| <b>7694010</b> | 8571-01 | Single square    | 3/4" | 20  | Plastic box | ALU extension tube No. 8571-80 | 520-1000 | 380-730 | 1290,5 | 35 | 22,5 | 812 | 1403 | 762 | 4,25 |
| <b>7694360</b> | 8576-01 | Double square    | 3/4" | 20  | Plastic box | ALU extension tube No. 8571-80 | 520-1000 | 380-730 | 1290,5 | 35 | 22,5 | 812 | 1403 | 762 | 5,6  |

**8581 EK - 8586 EKL**Torque wrench DREMOMETER  
600-1500 N·m

- > Torque wrench with 1" square drive in the range 600 - 1500 N.m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range



- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes

| Code           | No.     | Drive type/drive | ■" | ■mm | Storage     | Contents               | N-m      | lw   | a  | b  | c   | d    | e   |      |
|----------------|---------|------------------|----|-----|-------------|------------------------|----------|------|----|----|-----|------|-----|------|
| <b>2311267</b> | 8581-01 | Single square    | 1" | 25  | Plastic Box | Extension tube 8564-92 | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 10,8 |
| <b>2311291</b> | 8586-01 | Double square    | 1" | 25  | Plastic Box | Extension tube 8564-92 | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 10,8 |

# i CONFIGURATION

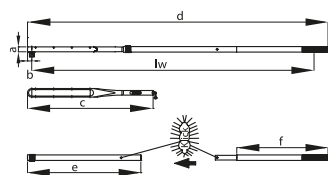
On request, all torque wrenches can be factory pre-set  
-at extra charge-

When ordering, please specify the N-m value.



## 8564 E - 8569 EL

Torque wrench DREMOMETER  
750-2000 N-m



- > Torque wrenches with 1" square drive in the range 750 - 2000 N.m
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range

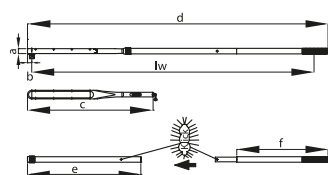


- > Highest accuracy max. deviation of +/- 3
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes

| Code    | No.     | Drive type/drive | "  | mm | Storage     | Contents                             | N-m      | lw   | a  | b  | c   | d    | e   | f   | kg |
|---------|---------|------------------|----|----|-------------|--------------------------------------|----------|------|----|----|-----|------|-----|-----|----|
| 7695250 | 8564-01 | Single square    | 1" | 25 | Plastic Box | Extension tube<br>8564-92<br>8572-74 | 750-2000 | 2213 | 40 | 30 | 932 | 2353 | 925 | 745 | 12 |
| 7695410 | 8569-01 | Double square    | 1" | 25 | Plastic Box | Extension tube<br>8564-92<br>8572-74 | 750-2000 | 2213 | 40 | 30 | 932 | 2353 | 925 | 745 | 12 |

## 8572 F

Torque wrench DREMOMETER  
1500-3000 N-m



- > Torque wrench with 1.1/2" square drive in the range of 1500 - 3000 N.m
- > Single square for the controlled legal suit
- > you can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range
- > Highest accuracy max. deviation of +/- 3

- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes

| Code    | No.     | Drive type/drive | "      | mm | Storage     | Contents                             | N-m       | lw   | a  | b  | c     | d    | e   | f   | kg |
|---------|---------|------------------|--------|----|-------------|--------------------------------------|-----------|------|----|----|-------|------|-----|-----|----|
| 7717160 | 8572-01 | Single square    | 1.1/2" | 40 | Plastic Box | Extension tube<br>8564-92<br>8572-74 | 1500-3000 | 2309 | 40 | 35 | 1.037 | 2454 | 925 | 745 | 15 |

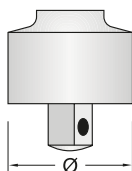
# i ACCESSORIES DREMOMETER

## Ratchet heads DREMOMETER 754

Ratchet head no. 754 can only be used in combination with the DREMOMETER. Please note the right direction of rotation by the ratchet head when ordering. There are separate models for clockwise or counter-clockwise rotation. Ratchet head nos. 754-11 to 754-16 (counter-clockwise) can only be used with the DREMOMETER with double square drive.



### 754 Ratchet head DREMOMETER



- > Enables controlled torque tightening in combination with a DREMOMETER torque wrench
- > Fine-pitched, sturdy ratchet head
- > Made of chrome-vanadium steel
- > Clockwise models (no. 754-00 to -06)
- > Anti-clockwise models (no. 754-11 to -16)
- > Made of chrome-vanadium steel
- > \*Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity

| Code    | No.    | □"   | ■"   | H  | ∅ mm | ∠ ° | Use                    | Version        | Permanent load capacity* | ⚖     |
|---------|--------|------|------|----|------|-----|------------------------|----------------|--------------------------|-------|
| 7680490 | 754-00 | 1/4" | 1/4" | 20 | 24   | 18  | MINI, AM               | Clockwise      | 1/4" = 30 N-m            | 0,054 |
| 7680570 | 754-01 | 3/8" | 3/8" | 28 | 35   | 20  | A                      | Clockwise      | 3/8" = 135 N-m           | 0,15  |
| 7680650 | 754-02 | 1/2" | 1/2" | 36 | 46   | 7,5 | B, BC, C               | Clockwise      | 1/2" = 340 N-m           | 0,35  |
| 7680730 | 754-04 | 3/4" | 3/4" | 56 | 65   | 10  | CD, DS, D, DR, DX      | Clockwise      | 3/4" = 1000 N-m          | 1     |
| 7680810 | 754-06 | 1"   | 1"   | 62 | 73   | 10  | E / EK                 | Clockwise      | 1" = 2000 N-m            | 1,8   |
| 7686770 | 754-11 | 3/8" | 3/8" | 28 | 35   | 20  | AL                     | Anti-Clockwise | 3/8" = 135 N-m           | 0,15  |
| 7686850 | 754-12 | 1/2" | 1/2" | 36 | 46   | 7,5 | BL, BCL, CL            | Anti-Clockwise | 1/2" = 340 N-m           | 0,35  |
| 7686930 | 754-14 | 3/4" | 3/4" | 56 | 65   | 10  | CDL, DSL, DL, DRL, DXL | Anti-Clockwise | 3/4" = 1000 N-m          | 1     |
| 7687150 | 754-16 | 1"   | 1"   | 62 | 73   | 10  | EL / EKL               | Anti-Clockwise | 1" = 2000 N-m            | 1,8   |

### 8564 - 8572 Extension tube for DREMOMETER E - F



- > Effortless work - lever arm extension
- > Extension tubes for torque wrench series DREMOMETER E - F

| Code    | No.     | Use               | Version        | ∠ mm ∠ | ⚖    |
|---------|---------|-------------------|----------------|--------|------|
| 7622020 | 8572-74 | DREMOMETER E/F    | only extension | 745    | 3,55 |
| 7621720 | 8564-92 | DREMOMETER E/EK/F | with chuck     | 925    | 3,49 |

## 8577

Extension tube ALU for DREMOMETER A-DX

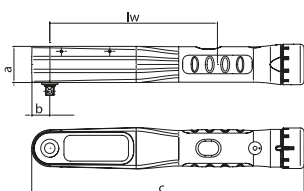


> Effortless work - lever arm extension

> Extension tubes for torque wrench series DREMOMETER A - DX

| Code    | No.      | Version/Execution | ◀ mm ▶ |      |
|---------|----------|-------------------|--------|------|
| 2880164 | 8577-350 | with chuck        | 350    | 0,71 |
| 2880032 | 8577-700 | with chuck        | 700    | 0,71 |
| 1686313 | 8571-80  | with chuck        | 762    | 0,75 |

## 753

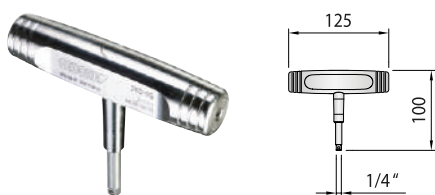
Torque wrench DREMOMETER MINI  
2,5-12 N·m / 22,5-106 lbf·in

> Torque wrench with 1/4" square drive in the range of 2.5 - 12 N·m™  
 > Single square for the controlled legal suit  
 > you can feel and hear an audible automatic click  
 > Double scale for measuring ranges in the lbf-in range

> Highest accuracy max. deviation of +/- 3  
 > Certificate according to DIN EN ISO 6789:2017 part 2  
 > Additional micrometer scale for setting intermediate scale values

| Code    | No.    | Drive type/drive | 1/4" | mm  | N·m    | lbf·in   | lw  | a    | b    | c   |                  | vernier Nm |      |
|---------|--------|------------------|------|-----|--------|----------|-----|------|------|-----|------------------|------------|------|
| 1957694 | 753-11 | Single square    | 1/4" | 6,3 | 2,5-12 | 22,5-106 | 130 | 28,5 | 14,5 | 211 | 5 N·m / 5 lbf·in | 0,05       | 0,55 |

## 763

Torque wrench DREMOMETER T-FS  
pre-set, 5-12 N·m

> Easy application for torques that are usually in the range of torque screwdrivers  
 > For controlled directional tightening

> Certificate according to DIN EN ISO 6789:2017 part 2  
 > Special ranges are available on request

| Code    | No.    | 1/4" | mm  | Fixed setting value |       |
|---------|--------|------|-----|---------------------|-------|
| 1947958 | 763-05 | 1/4" | 6,3 | 5 N·m               | 0,241 |
| 1947966 | 763-06 | 1/4" | 6,3 | 6 N·m               | 0,545 |
| 1947974 | 763-07 | 1/4" | 6,3 | 7 N·m               | 0,241 |
| 1947990 | 763-08 | 1/4" | 6,3 | 8 N·m               | 0,241 |
| 1948008 | 763-09 | 1/4" | 6,3 | 9 N·m               | 0,241 |
| 1948016 | 763-10 | 1/4" | 6,3 | 10 N·m              | 0,241 |
| 1948032 | 763-12 | 1/4" | 6,3 | 12 N·m              | 0,241 |



# i DREMOMETER Z

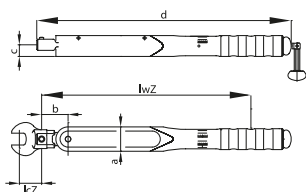
## Technical Information Z

- The large cross-section of the spigot end transfers a maximum torque. "Quick-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. For anti-clockwise tightening, simply turn the torque wrench through 180°



### 8460 Z - 8471 Z

Torque wrench DREMOMETER Z  
with quick-fitting change  
8-1000 N·m / 70 lbf·in - 730 lbf·ft



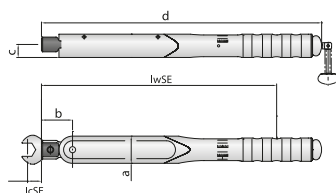
- > Spigot holder for push-on tools (jaw, ring, reversible ratchet)
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3

- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Actuation only at the handle centre
- > Observe the gauge block for special attachments

| Code    | No.     | Drive type/drive | Ø  | N·m      | lbf·in | lbf·ft  |                    | lwZ   | lcZ  | a  | c  | d     |      |
|---------|---------|------------------|----|----------|--------|---------|--------------------|-------|------|----|----|-------|------|
| 7703610 | 8460-01 | Drive pin        | 16 | 8-40     | 70-350 |         | 5 N·m / 50 lbf·in  | 300   | 32,0 | 35 | 16 | 366   | 1    |
| 7704260 | 8461-01 | Drive pin        | 16 | 25-120   |        | 18-90   | 5 N·m / 5 lbf·ft   | 411,5 | 32,0 | 35 | 16 | 489   | 1,45 |
| 7704340 | 8462-01 | Drive pin        | 16 | 80-400   |        | 60-300  | 5 N·m / 5 lbf·ft   | 567   | 32,0 | 35 | 16 | 645   | 2    |
| 7703020 | 8463-10 | Drive pin        | 22 | 140-620  |        | 100-450 | 10 N·m / 10 lbf·ft | 767,5 | 45,0 | 45 | 18 | 846   | 3    |
| 1251341 | 8471-01 | Drive pin        | 28 | 520-1000 |        | 380-730 | 10 N·m / 10 lbf·ft | 1221  | 75,0 | 45 | 18 | 1.319 | 5,5  |

### 8480 SE - 8482 SE

Torque wrench DREMOMETER SE  
with quick-fitting change  
8-400 N·m / 70 lbf·in - 300 lbf·ft



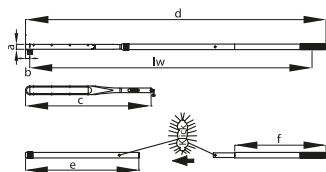
- > SE receptacle for inserting tools (jaw, ring, reversible ratchet, ring ratchet...)
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3

- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Actuation only at the handle centre
- > For special insertion tools, observe the gauge block

| Code    | No.     | Drive type/drive   | mm         | N·m    | lbf·in | lbf·ft |                   | lwSE  | lcSE | a  | d   |      |
|---------|---------|--------------------|------------|--------|--------|--------|-------------------|-------|------|----|-----|------|
| 7714060 | 8480-01 | Rectangular cavity | 9 x 12 mm  | 8-40   | 70-350 |        | 5 N·m / 50 lbf·in | 302   | 17,5 | 35 | 361 | 0,95 |
| 7714140 | 8481-01 | Rectangular cavity | 9 x 12 mm  | 25-120 |        | 18-90  | 5 N·m / 5 lbf·ft  | 413,5 | 17,5 | 35 | 484 | 1,25 |
| 7714220 | 8482-01 | Rectangular cavity | 14 x 18 mm | 80-400 |        | 60-300 | 5 N·m / 5 lbf·ft  | 582   | 25,0 | 35 | 641 | 1,7  |

## 7554 AM A+S - 7572 F A+S

Torque wrench DREMOMETER A+S  
with pre-set value locking and  
safety device (A+S)



- > Fixed DREMOMETERS for series production
- > Single- and double-square drive for controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Double Scale
- > Highest accuracy max. deviation of +/- 3



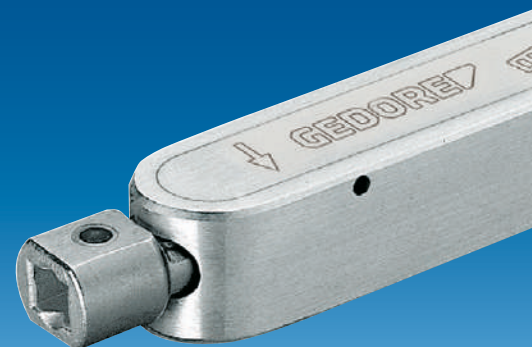
- > Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes

| Code    | No.     | Drive type/drive | ■"   | ■ mm | N-m       | lbf-in  | lbf-ft             | 📏 | lw     | a  | b    | c     | d    | e   | f   | 📊    |
|---------|---------|------------------|------|------|-----------|---------|--------------------|---|--------|----|------|-------|------|-----|-----|------|
| 1210891 | 7554-01 | Single square    | 1/4" | 6,3  | 6-30      | 50-270  | 1 N-m / 10 lbf-in  |   | 206    | 30 | 15   | 256   |      |     |     | 0,58 |
| 1210904 | 7559-01 | Double square    | 1/4" | 6,3  | 6-30      | 50-270  | 1 N-m / 10 lbf-in  |   | 206    | 30 | 15   | 256   |      |     |     | 0,59 |
| 7708920 | 7560-01 | Single square    | 3/8" | 10   | 8-40      | 70-350  | 5 N-m / 50 lbf-in  |   | 262    | 30 | 17,5 | 326,5 |      |     |     | 1    |
| 1210939 | 7565-01 | Double square    | 3/8" | 10   | 8-40      | 70-350  | 5 N-m / 50 lbf-in  |   | 262    | 30 | 17,5 | 326,5 |      |     |     | 1    |
| 7709060 | 7561-01 | Single square    | 1/2" | 12,5 | 25-120    | 18-90   | 5 N-m / 5 lbf-ft   |   | 373    | 30 | 17,5 | 450   |      |     |     | 1,5  |
| 1210947 | 7566-01 | Double square    | 1/2" | 12,5 | 25-120    | 18-90   | 5 N-m / 5 lbf-ft   |   | 373    | 30 | 17,5 | 450   |      |     |     | 1,5  |
| 1211013 | 7573-00 | Single square    | 1/2" | 12,5 | 40-200    | 30-150  | 5 N-m / 5 lbf-ft   |   | 463    | 30 | 17,5 | 539   |      |     |     | 1,4  |
| 1427113 | 7578-00 | Double square    | 1/2" | 12,5 | 40-200    | 30-150  | 5 N-m / 5 lbf-ft   |   | 463    | 30 | 17,5 | 539   |      |     |     | 1,4  |
| 7709650 | 7562-10 | Single square    | 1/2" | 12,5 | 60-300    | 45-220  | 5 N-m / 5 lbf-ft   |   | 529    | 30 | 17,5 | 605   |      |     |     | 2    |
| 1210955 | 7567-10 | Double square    | 1/2" | 12,5 | 60-300    | 45-220  | 5 N-m / 5 lbf-ft   |   | 529    | 30 | 17,5 | 605   |      |     |     | 2    |
| 1210998 | 7570-10 | Single square    | 3/4" | 20   | 80-360    | 60-260  | 5 N-m / 5 lbf-ft   |   | 624    | 30 | 22,5 | 705,5 |      |     |     | 2,4  |
| 1211021 | 7575-10 | Double square    | 3/4" | 20   | 80-360    | 60-260  | 5 N-m / 5 lbf-ft   |   | 624    | 30 | 22,5 | 705,5 |      |     |     | 2,4  |
| 1427164 | 7574-10 | Single square    | 3/4" | 20   | 110-550   | 80-400  | 10 N-m / 10 lbf-ft |   | 719    | 35 | 22,5 | 800   |      |     |     | 2,9  |
| 1427148 | 7579-10 | Double square    | 3/4" | 20   | 110-550   | 80-400  | 10 N-m / 10 lbf-ft |   | 719    | 30 | 22,5 | 800   |      |     |     | 2,9  |
| 1210921 | 7563-10 | Single square    | 3/4" | 20   | 155-760   | 115-560 | 10 N-m / 10 lbf-ft |   | 719    | 35 | 22,5 | 800   |      |     |     | 3,2  |
| 1210971 | 7568-10 | Double square    | 3/4" | 20   | 155-760   | 115-560 | 10 N-m / 10 lbf-ft |   | 719    | 35 | 22,5 | 800   |      |     |     | 3,2  |
| 1210912 | 7563-01 | Single square    | 3/4" | 20   | 155-760   | 115-560 | 10 N-m / 10 lbf-ft |   | 1290,5 | 35 | 22,5 | 800   | 1403 | 762 |     | 5    |
| 1210963 | 7568-01 | Double square    | 3/4" | 20   | 155-760   | 115-560 | 10 N-m / 10 lbf-ft |   | 1290,5 | 35 | 22,5 | 800   | 1403 | 762 |     | 5    |
| 1211005 | 7571-01 | Single square    | 3/4" | 20   | 520-1000  | 380-730 | 10 N-m / 10 lbf-ft |   | 1290,5 | 35 | 22,5 | 800   | 1403 | 762 |     | 5,6  |
| 1211048 | 7576-01 | Double square    | 3/4" | 20   | 520-1000  | 380-730 | 10 N-m / 10 lbf-ft |   | 1291   | 35 | 22,5 | 800   | 1403 | 762 |     | 5,6  |
| 2311321 | 7581-01 | Single square    | 1"   | 25   | 600-1500  |         | 25 N-m /           |   | 1473   | 40 | 30   | 920   | 1608 | 925 |     | 10,8 |
| 2311348 | 7586-01 | Double square    | 1"   | 25   | 600-1500  |         | 25 N-m /           |   | 1473   | 40 | 30   | 920   | 1608 | 925 |     | 10,8 |
| 1547232 | 7564-01 | Single square    | 1"   | 25   | 2000-2000 |         | 50 N-m /           |   | 2213   | 40 | 30   | 920   | 2353 | 925 | 745 | 11,6 |
| 1547240 | 7569-01 | Double square    | 1"   | 25   | 2000-2000 |         | 50 N-m /           |   | 2213   | 40 | 30   | 920   | 2353 | 925 | 745 | 11,6 |
| 1547259 | 7572-01 | Single square    | 1"   | 40   | 1500-3000 |         | 50 N-m /           |   | 2309   | 40 | 35   | 1.025 | 2353 | 925 | 745 | 13,2 |

## **i** DREMOMETER SE

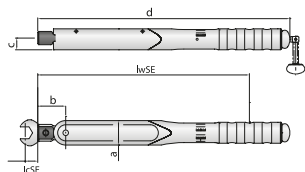
### Technical information Quick-fitting change

Quick-change system with pin locking guarantees flexible and swift working methods. Ideal for installations in confined and poorly accessible spaces. Depending on the application for the DREMOMETER SE, access is possible from the front and side.



**7480 SE - 7482 SE**

Torque wrench DREMOMETER SE A+S with pre-set value locking and safety device (A+S)



- > Fixed DREMOMETERS for series production
- > SE receptacle for inserting tools (jaw, ring, reversible ratchet, ring ratchet...)
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3



- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Actuation only at the handle centre
- > For special insertion tools, observe the gauge block
- > If ordering, please specify the N-m value - if a fixed factory pre-setting is desired (price on request)

| Code    | No.     | Drive type/drive   | mm         | N-m    | lbf-in | lbf-ft | سلسله             | lwSE  | lcSE | a  | d   | kg   |
|---------|---------|--------------------|------------|--------|--------|--------|-------------------|-------|------|----|-----|------|
| 1427059 | 7480-01 | Rectangular cavity | 9 x 12 mm  | 8-40   | 70-50  |        | 5 N-m / 50 lbf-in | 302   | 17,5 | 35 | 361 | 0,95 |
| 1427105 | 7482-01 | Rectangular cavity | 14 x 18 mm | 80-400 |        | 60-300 | 5 N-m / 5 lbf-ft  | 582   | 17,5 | 35 | 653 | 1,7  |
| 1427091 | 7481-01 | Rectangular cavity | 9 x 12 mm  | 25-120 |        | 18-90  | 5 N-m / 5 lbf-ft  | 413,5 | 25,0 | 35 | 484 | 1,25 |

**7460 Z - 7471 Z**

Torque wrench DREMOMETER Z A+S with pre-set value locking and safety device (A+S)



- > Fixed DREMOMETERS for series production
- > Spigot holder for push-on tools (jaw, ring, reversible ratchet)
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3

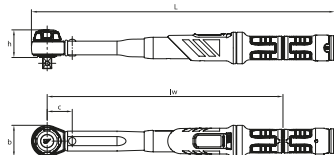


- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Actuation only at the handle centre
- > Observe the gauge block for special attachments
- > If ordering, please specify the N-m value - if a fixed factory pre-setting is desired (price on request)

| Code    | No.     | Drive type/drive | Ø  | N-m      | lbf-in | lbf-ft  | سلسله     | lwZ  | lcZ  | a  | c  | d     | kg   |
|---------|---------|------------------|----|----------|--------|---------|-----------|------|------|----|----|-------|------|
| 1427067 | 7460-01 | Drive pin        | 16 | 8-40     | 70-350 |         | 50 lbf-in | 300  | 32,0 | 35 | 16 | 354   | 1    |
| 1427075 | 7461-01 | Drive pin        | 16 | 25-120   |        | 18-90   | 5 lbf-ft  | 412  | 32,0 | 35 | 16 | 477,5 | 1,45 |
| 1225669 | 7462-01 | Drive pin        | 16 | 80-400   |        | 60-300  | 5 lbf-ft  | 567  | 32,0 | 35 | 16 | 633   | 2    |
| 1427083 | 7463-10 | Drive pin        | 22 | 140-620  |        | 100-450 | 10 lbf-ft | 768  | 45,0 | 45 | 18 | 834,5 | 3    |
| 1521977 | 7471-01 | Drive pin        | 28 | 520-1000 |        | 380-730 | 10 lbf-ft | 1221 | 75,0 | 45 | 18 | 1.319 | 5,5  |

**DMK**

Torque wrench DREMASTER® K 20-850 N·m



- > 1/2" mushroom head with push-button release, integrated ratchet function, from DMK 400 with 3/4" square socket
- > For controlled bi-directional tightening
- > you can feel and hear an audible automatic click



- > Highest accuracy max. deviation of +/- 3
- > Ergonomically shaped plastic handgrip with calibration aid
- > Switching between main scale N-m and sub scale lbf-ft, no reading errors
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code    | No.     | "    | mm   | N-m     | lbf-ft  | سلسله              | vernier Nm | L       | lw     | h    | b  | kg   |
|---------|---------|------|------|---------|---------|--------------------|------------|---------|--------|------|----|------|
| 2641232 | DMK 100 | 1/2" | 12,5 | 20-100  | 15-75   | 5 N-m / 5 lbf-ft   | 0,5 N-m    | 424     | 423,5  | 38,5 | 44 | 1,25 |
| 2641240 | DMK 200 | 1/2" | 12,5 | 40-200  | 30-150  | 10 N-m / 10 lbf-ft | 1 N-m      | 514,5   | 514,5  | 38,5 | 44 | 1,4  |
| 2641259 | DMK 300 | 1/2" | 12,5 | 60-300  | 45-220  | 10 N-m / 10 lbf-ft | 1 N-m      | 606,4   | 511,1  | 38,4 | 44 | 1,4  |
| 2641267 | DMK 400 | 3/4" | 20   | 80-400  | 60-300  | 10 N-m / 10 lbf-ft | 1 N-m      | 712,5   | 608,9  | 38   | 67 | 2,5  |
| 2641275 | DMK 550 | 3/4" | 20   | 110-550 | 80-405  | 10 N-m / 10 lbf-ft | 1 N-m      | 953,2   | 846,4  | 38   | 69 | 3,9  |
| 2641283 | DMK 750 | 3/4" | 20   | 150-750 | 110-550 | 10 N-m / 10 lbf-ft | 1 N-m      | 1.228,2 | 1121,4 | 38   | 69 | 5    |
| 2641291 | DMK 850 | 3/4" | 20   | 250-850 | 185-630 | 10 N-m / 10 lbf-ft | 1 N-m      | 1.375,2 | 1268,4 | 38   | 69 | 5,4  |

# i DREMASTER DMK

Robust torque wrench with square drive and integrated ratchet-head function for controlled bi-directional tightening and interchangeable mushroom head with push-button release.



## NONIUS

Model-dependent intervals of 1 or 0.5 N·m allow very accurate settings.



## LIGHTWEIGHT AND RELIABLE

Locking button enables reliable locking of the torque setting. "Torque adjustable" reference by means of opened lock symbol. Provision for rapid setting from the separate hexagon allen key fixture.



## DUAL SCALE WITH MAIN AND ALTERNATIVE UNIT (N·M/lbf·FT)

Main unit N·m with vernier. At all times only one unit in the viewing area = avoids any reading errors. Change-over switch next to the scale for straightforward unit selection.



## 2

### AUTOMATIC ACTUATION

The DREMASTER® DMK actuates with a clear tactile impulse and audible signal and is immediately ready for operation again.



## 3

### DIN EN ISO

Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate allowing for operations to be traced back. Calibrated to a permitted +/- 3% deviation and better. The specifications of the standard (+/- 4%) are exceeded.

## 4

### ROBUST STEEL TUBE

With high corrosion protection, chrome-plated, satin powdercoated.

## 5

### ADDITIONAL PROTECTION OF THE SERIAL NUMBER

Concealed setting drill hole = secured adjusting/setting system. Serial number on the wrench and on the certificate for unambiguous product identification, traceable via in-house DAKKS laboratory to national standards.

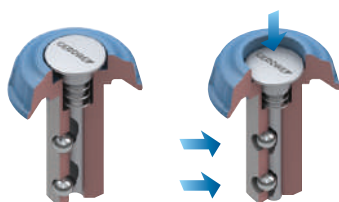
## 6

### HANDGRIP WITH A USER AID

Grey plastic handgrip, new ergonomically enhanced shape, with an indentation in the middle of the handgrip. User aid and reference points for calibration.

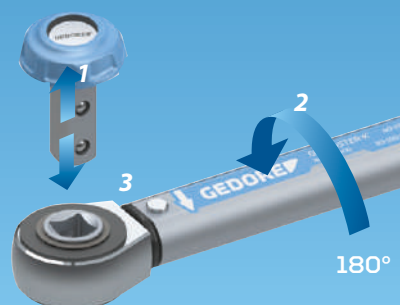


## TECHNICAL INFORMATION ANTI-LOSS ATTACHMENT



In order to change the turning direction of the DREMASTER® DMK:

- 1 Press on the push-button with your thumb and take out the mushroom head
- 2 Turn the wrench
- 3 Re-insert the square drive



# **i** DREMASTER DMUK

Torque wrench with square drive and integrated ratchet-function for controlled clockwise tightening



1

2

1

## DRIVE

With 1/2" square drive and integrated lever-change reversible ratchet function for controlled clockwise tightening

2

## ROBUST TUBULAR STEEL

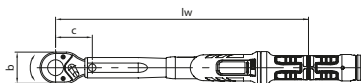
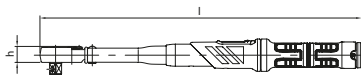
With high corrosion protection, satin powder-coated, with zinc-plated ratchet head

### FEATURES

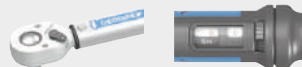


### DMUK

Torque wrench DREMASTER® UK  
20-300 N·m / 15-220 lbf·ft



- > With 1/2" switch square and integrated ratchet function
- > For controlled directional tightening
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3



- > Ergonomically shaped plastic handgrip with calibration aid
- > Switching between main scale N-m and sub scale lbf-ft, no reading errors
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code    | No.      | 1/2" | mm   | N·m    | lbf·ft | Scale              | vernier Nm | L     | lw    | h  | b    | kg  |
|---------|----------|------|------|--------|--------|--------------------|------------|-------|-------|----|------|-----|
| 2641305 | DMUK 100 | 1/2" | 12,5 | 20-100 | 15-75  | 5 N·m / 5 lbf·ft   | 0,5 N·m    | 437,7 | 344,2 | 22 | 42,5 | 1,2 |
| 2641313 | DMUK 200 | 1/2" | 12,5 | 40-200 | 30-150 | 10 N·m / 10 lbf·ft | 1 N·m      | 529,7 | 435,2 | 22 | 42,5 | 1,4 |
| 2641348 | DMUK 300 | 1/2" | 12,5 | 60-300 | 45-220 | 10 N·m / 10 lbf·ft | 1 N·m      | 619,6 | 526,1 | 22 | 42,5 | 1,6 |

### DMKPK

Mushroom head  
DREMASTER® DMK

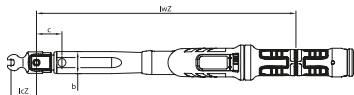
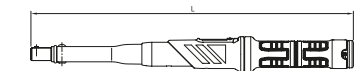
- > 1/2" mushroom head with release button



| Code    | No.     | 1/2" | mm   | 1/2" | mm   | kg    |
|---------|---------|------|------|------|------|-------|
| 2551829 | DMKPK 7 | 1/2" | 12,5 | 1/2" | 12,5 | 0,064 |

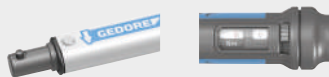
## DMZ

Torque wrench DREMASTER® Z  
20-850 N-m / 15-630 lbf-ft



- > Spigot holder for push-on tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3
- > Ergonomically shaped plastic handgrip with calibration aid

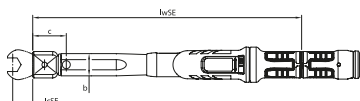
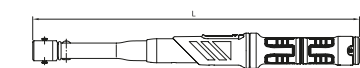
- > Switching between main scale N-m and sub scale lbf-ft, no reading errors
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For special tools observe the gauge block



| Code    | No.     | Ø  | N-m     | lbf-ft  | سلسله              | vernier Nm | L       | lwZ    | lcZ  | توازن |
|---------|---------|----|---------|---------|--------------------|------------|---------|--------|------|-------|
| 2641518 | DMZ 100 | 16 | 20-100  | 15-75   | 5 N-m / 5 lbf-ft   | 0,5 N-m    | 405,5   | 326,2  | 32,0 | 1     |
| 2641526 | DMZ 200 | 16 | 40-200  | 30-150  | 10 N-m / 10 lbf-ft | 1 N-m      | 230     | 417,2  | 32,0 | 1,1   |
| 2641534 | DMZ 300 | 16 | 60-300  | 45-220  | 10 N-m / 10 lbf-ft | 1 N-m      | 587,4   | 508,1  | 32,0 | 1,3   |
| 2641542 | DMZ 400 | 16 | 80-400  | 60-300  | 10 N-m / 10 lbf-ft | 1 N-m      | 677,2   | 597,9  | 32,0 | 1,8   |
| 2641550 | DMZ 550 | 22 | 110-550 | 80-405  | 10 N-m / 10 lbf-ft | 1 N-m      | 912,7   | 831,4  | 56,0 | 3,3   |
| 2641569 | DMZ 750 | 22 | 150-750 | 110-550 | 10 N-m / 10 lbf-ft | 1 N-m      | 1.193,7 | 1121,7 | 56,0 | 4,4   |
| 2641577 | DMZ 850 | 22 | 250-850 | 185-630 | 10 N-m / 10 lbf-ft | 1 N-m      | 1.340,7 | 1259,4 | 56,0 | 5     |

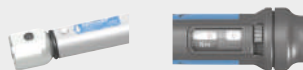
## DMSE

Torque wrench DREMASTER® SE  
20-400 N-m / 15-300 lbf-ft



- > SE holder for insert tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3
- > Ergonomically shaped plastic handgrip with calibration aid

- > Switching between main scale N-m and sub scale lbf-ft, no reading errors
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For special tools observe the gauge block



| Code    | No.      | □mm        | N-m    | lbf-ft | سلسله              | vernier Nm | L     | lwSE  | lcSE | توازن |
|---------|----------|------------|--------|--------|--------------------|------------|-------|-------|------|-------|
| 2641445 | DMSE 100 | 9 x 12 mm  | 20-100 | 15-75  | 5 N-m / 5 lbf-ft   | 0,5 N-m    | 398,5 | 326,2 | 17,5 | 1     |
| 2641453 | DMSE 150 | 9 x 12 mm  | 30-150 | 22-110 | 10 N-m / 10 lbf-ft | 1 N-m      | 489,5 | 417,2 | 17,5 | 1,16  |
| 2641461 | DMSE 200 | 14 x 18 mm | 40-200 | 30-150 | 10 N-m / 10 lbf-ft | 1 N-m      | 499,5 | 427,2 | 25,0 | 1,25  |
| 2641488 | DMSE 300 | 14 x 18 mm | 60-300 | 45-220 | 10 N-m / 10 lbf-ft | 1 N-m      | 590,4 | 518,1 | 25,0 | 1,4   |
| 2641496 | DMSE 400 | 14 x 18 mm | 80-400 | 60-300 | 10 N-m / 10 lbf-ft | 1 N-m      | 677,2 | 604,9 | 25,0 | 2     |



# **i** TORCOFIX K

Robust torque wrench with square drive and integrated ratchet-head function for controlled bi-directional tightening.



## 1

### CHROME-PLATED RATCHET HEAD

All 1/4" - 1/2" square drives of the TORCOFIX K-series with mushroom head. This mushroom head prevents an unintentional pulling out of the whole square drive when changing the nut socket.



## 2

### AUTOMATIC ACTUATION

The TORCOFIX actuates with a clear tactile impulse and audible signal and is immediately ready for operation again.



## 3

### DIN EN ISO

Classified to DIN EN ISO 6789-2:2017 Type II Class A, with a factory certificate allowing for operations to be traced back. Calibrated to a permitted  $\pm 3\%$  deviation and better. The specifications of the standard ( $\pm 4\%$ ) are exceeded.

## 4

### ROBUST STEEL TUBE

With high corrosion protection, chrome-plated, silk-metal.

## 5

### SERIAL NUMBER

Serial number on the wrench and on the certificate for unambiguous product identification, traceable via in-house DAKS laboratory to national standards

## 6

### HANDGRIP WITH A USER AID

Plastic handgrip, new ergonomically enhanced shape, with an indentation in the middle of the handgrip. User aid and reference points for calibration.



### MICROMETRE SCALE

Optimised shape, stable scale frame with redshaded micrometre scale ring. Model-dependent intervals of 0.025, 0.1, 0.25, 0.5 or 1 N·m allow very accurate settings.

Improved shape, stable scale frame with red underlaid micrometer scale ring. Model-dependent graduations of 0.025, 0.1, 0.25, 0.5 or 1 N·m allow a very precise setting.



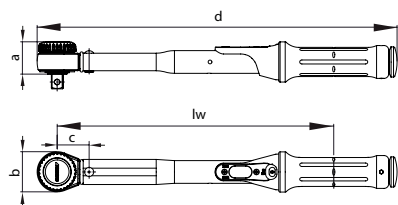
### LIGHTWEIGHT AND RELIABLE

Locking button enables reliable locking of the torque setting



NEW

## TF-K

Torque wrench Torcofix TF-K  
20-850 N·m / 15-630 lbf·ft

## Use:

- > Controlled screw tightening in the most common range of 20 - 850 N·m / 15 - 630 lbf·ft
- > Adjustable, releasing and sturdy tubular torque wrench with integrated ratchet and with square drive for industry and the trades

## Features:

- > Classified as per DIN EN ISO 6789-2:2017 Type II Class A; adjusted to a maximum permissible +/-3% deviation and thus with a greater precision than the standard-stipulated +/-4%
- > Incl. traceable test certificate (DIN EN ISO 6789-2:2017)
- > For controlled right and left tightening (Reverse square for change of direction)
- > 1/2" mushroom head square with ball lock. From 3/4" with square socket and pin retention
- > Robust, matt powder-coated tubular steel construction, with galvanized ratchet and high-quality plastic parts
- > New ergonomic handle, shaped according to the natural grip position of the hand

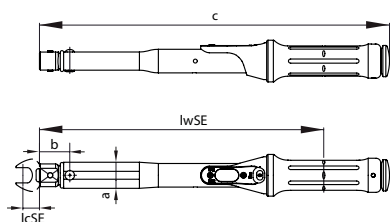
- > Clearly recognisable and tactile hand centring aid and calibration aid in the middle of the handle
- > Double scale N·m / lbf·ft and vernier are protected from abrasion and contamination by an enlarged viewing window
- > With vernier scale for N·m main scale for setting intermediate scale values; lbf·ft setting only via main scale
- > Vertical alignment of the scale, torque adjustment therefore suitable for left and right handers
- > Scale line positioned directly above the scale prevents reading errors (parallax errors)
- > Unit labeling integrated in the scale frame and also protected by viewing windows
- > Precise jump-off mechanism generates a clearly perceptible and audible trigger signal when the set torque value is reached
- > Incl. roll away protection, prevents rolling away when the tool is put down

| Code    | No.     | "    | mm   | N·m             | lbf·ft                | vernier Nm | lw     | a  | b    | d     |      |
|---------|---------|------|------|-----------------|-----------------------|------------|--------|----|------|-------|------|
| 3278379 | TF-K100 | 1/2" | 12,5 | 20 N·m-100 N·m  | 15 lbf·ft-75 lbf·ft   | 0,5 N·m    | 313,3  | 36 | 44,0 | 403,2 | 0,97 |
| 3278387 | TF-K200 | 1/2" | 12,5 | 40 N·m-200 N·m  | 30 lbf·ft-150 lbf·ft  | 1 N·m      | 404,3  | 36 | 44,0 | 494   | 1,18 |
| 3278395 | TF-K300 | 1/2" | 12,5 | 60 N·m-300 N·m  | 45 lbf·ft-220 lbf·ft  | 1 N·m      | 495,3  | 36 | 46,0 | 586   | 1,37 |
| 3278409 | TF-K400 | 3/4" | 20   | 80 N·m-400 N·m  | 60 lbf·ft-300 lbf·ft  | 1 N·m      | 593,3  | 31 | 62,5 | 694,5 | 1,93 |
| 3278492 | TF-K550 | 3/4" | 20   | 110 N·m-550 N·m | 80 lbf·ft-405 lbf·ft  | 1 N·m      | 863,8  | 31 | 69,0 | 966   | 3,6  |
| 3278514 | TF-K850 | 3/4" | 20   | 250 N·m-850 N·m | 185 lbf·ft-630 lbf·ft | 1 N·m      | 1285,8 | 31 | 69,0 | 1.388 | 4,8  |

NEW

## TF-SE

Torque wrench TORCOFIX SE



## Use:

- > Controlled screw tightening in the most common range of 20 - 400 N·m / 15 - 300 lbf·ft
- > Adjustable, releasing and sturdy tubular torque wrench with integrated ratchet and with square drive for industry and the trades

## Features:

- > Classified as per DIN EN ISO 6789-2:2017 Type II Class A; adjusted to a maximum permissible +/-3% deviation and thus with a greater precision than the standard-stipulated +/-4%
- > Incl. traceable test certificate (DIN EN ISO 6789-2:2017)
- > For controlled right and left tightening (Reverse square for change of direction)
- > Rectangular receptacle incl. ejection aid in the versions 9x12 mm and 14x18 mm
- > Robust, matt powder-coated tubular steel construction, with galvanized ratchet and high-quality plastic parts

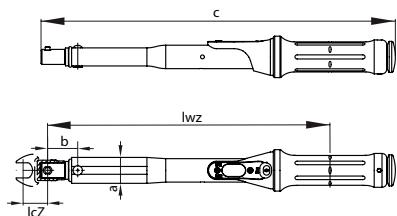
- > New ergonomic handle, shaped according to the natural grip position of the hand
- > Clearly recognisable and tactile hand centring aid and calibration aid in the middle of the handle
- > Double scale N·m / lbf·ft and vernier are protected from abrasion and contamination by an enlarged viewing window
- > With vernier scale for N·m main scale for setting intermediate scale values; lbf·ft setting only via main scale
- > Vertical alignment of the scale, torque adjustment therefore suitable for left and right handers
- > Scale line positioned directly above the scale prevents reading errors (parallax errors)
- > Unit labeling integrated in the scale frame and also protected by viewing windows,
- > Precise jump-off mechanism generates a clearly perceptible and audible trigger signal when the set torque value is reached
- > Incl. roll away protection, prevents rolling away when the tool is put down



| Code    | No.      | N·m            | lbf·ft               |        | vernier Nm | c   | lwSE  | lcSE |      |
|---------|----------|----------------|----------------------|--------|------------|-----|-------|------|------|
| 3278522 | TF-SE100 | 20 N·m-100 N·m | 15 lbf·ft-75 lbf·ft  | 5 N·m  | 0,5 N·m    | 378 | 310,3 | 17,5 | 0,77 |
| 3278530 | TF-SE150 | 30 N·m-150 N·m | 22 lbf·ft-110 lbf·ft | 10 N·m | 1 N·m      | 469 | 401,3 | 17,5 | 0,93 |
| 3278549 | TF-SE200 | 40 N·m-200 N·m | 30 lbf·ft-150 lbf·ft | 10 N·m | 1 N·m      | 479 | 411,3 | 25,0 | 1,01 |
| 3278557 | TF-SE300 | 60 N·m-300 N·m | 45 lbf·ft-220 lbf·ft | 10 N·m | 1 N·m      | 570 | 502,3 | 25,0 | 1,19 |
| 3278565 | TF-SE400 | 80 N·m-400 N·m | 60 lbf·ft-300 lbf·ft | 10 N·m | 1 N·m      | 657 | 589,3 | 25,0 | 1,62 |

**NEW****TF-Z**

Torque wrench TORCOFIX Z

**Use:**

- > Controlled screw tightening in the most common range of 20 - 850 N-m / 15 - 630 lbf-ft
- > Adjustable, releasing and sturdy tubular torque wrench with integrated ratchet and with square drive for industry and the trades

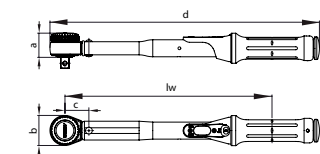
**Features:**

- > Classified as per DIN EN ISO 6789-2:2017 Type II Class A; adjusted to a maximum permissible +/-3% deviation and thus with a greater precision than the standard-stipulated +/-4%
- > Incl. traceable test certificate (DIN EN ISO 6789-2:2017)
- > For controlled right and left tightening (Reverse square for change of direction)
- > Trunnion mounting in the versions Ø 16 mm and Ø 22 mm
- > Factory depth gauge: 32 mm (Ø 16 mm) or 56 mm (Ø 22 mm)



- > Robust, matt powder-coated tubular steel construction, with galvanized ratchet and high-quality plastic parts
- > New ergonomic handle, shaped according to the natural grip position of the hand
- > Clearly recognisable and tactile hand centring aid and calibration aid in the middle of the handle
- > Double scale N-m / lbf-ft and vernier are protected from abrasion and contamination by an enlarged viewing window
- > With vernier scale for N-m main scale for setting intermediate scale values; lbf-ft setting only via main scale Vertical alignment of the scale, torque adjustment therefore suitable for left and right handers
- > Scale line positioned directly above the scale prevents reading errors (parallax errors)
- > Unit labeling integrated in the scale frame and also protected by viewing windows,
- > Precise jump-off mechanism generates a clearly perceptible and audible trigger signal when the set torque value is reached
- > Incl. roll away protection, prevents rolling away when the tool is put down

| Code    | No.     | Ø  | N-m             | lbf-ft                | سلسله  | vernier Nm | lwz    | lcZ  | c       | kg   |
|---------|---------|----|-----------------|-----------------------|--------|------------|--------|------|---------|------|
| 3278573 | TF-Z100 | 16 | 20 N-m-100 N-m  | 15 lbf-ft-75 lbf-ft   | 5 N-m  | 0,5 N-m    | 310,3  | 32,0 | 385     | 0,76 |
| 3278581 | TF-Z200 | 16 | 40 N-m-200 N-m  | 30 lbf-ft-150 lbf-ft  | 10 N-m | 1 N-m      | 401,3  | 32,0 | 476     | 0,92 |
| 3278603 | TF-Z300 | 22 | 60 N-m-300 N-m  | 45 lbf-ft-220 lbf-ft  | 10 N-m | 1 N-m      | 492,3  | 32,0 | 492,3   | 1,15 |
| 3278611 | TF-Z400 | 22 | 80 N-m-400 N-m  | 60 lbf-ft-300 lbf-ft  | 10 N-m | 1 N-m      | 582,3  | 32,0 | 657     | 1,55 |
| 3278638 | TF-Z550 | 22 | 110 N-m-550 N-m | 80 lbf-ft-405 lbf-ft  | 10 N-m | 1 N-m      | 848,8  | 56,0 | 925,5   | 2,94 |
| 3278654 | TF-Z850 | 22 | 250 N-m-850 N-m | 185 lbf-ft-630 lbf-ft | 10 N-m | 1 N-m      | 1276,8 | 56,0 | 1.353,5 | 4,39 |

**4549 - 4550 - 4551**Torque wrench TORCOFIX K  
1-850 N-m / 0,75-630 lbf-ft

- > 1/4", 3/8", 1/2" mushroom head square. From 3/4" with square drive
- > For controlled bi-directional tightening



- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3
- > Ergonomic system for torque adjustment
- > Double scale N-m and lbf-ft
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code    | No.     | 1/4" | mm   | N-m     | lbf-ft   | سلسله              | vernier Nm | lw     | a    | b    | d     | kg    |
|---------|---------|------|------|---------|----------|--------------------|------------|--------|------|------|-------|-------|
| 2201429 | 4549-00 | 1/4" | 6,3  | 1-5     | 0,75-3,7 | 25 N-m / 25 lbf-ft | 0,025 N-m  | 146    | 25,3 | 35,0 | 224   | 0,432 |
| 1545132 | 4549-02 | 1/4" | 6,3  | 5-25    | 3,7-18   | 1 N-m / 1 lbf-ft   | 0,1 N-m    | 206,5  | 25,3 | 35,0 | 284   | 0,68  |
| 1545140 | 4549-05 | 3/8" | 10   | 10-50   | 7,5-37   | 25 N-m / 25 lbf-ft | 0,25 N-m   | 256,5  | 25,3 | 35,0 | 334   | 0,55  |
| 7601530 | 4550-10 | 1/2" | 12,5 | 20-100  | 15-75    | 5 N-m / 5 lbf-ft   | 0,5 N-m    | 303,2  | 36   | 44,0 | 395   | 1,34  |
| 7601610 | 4550-20 | 1/2" | 12,5 | 40-200  | 30-150   | 10 N-m / 10 lbf-ft | 1 N-m      | 394,2  | 36   | 44,0 | 486   | 1,344 |
| 7601880 | 4550-30 | 1/2" | 12,5 | 60-300  | 45-220   | 10 N-m / 10 lbf-ft | 1 N-m      | 485,2  | 36   | 46,0 | 578   | 1,504 |
| 7674330 | 4550-40 | 3/4" | 20   | 80-400  | 60-300   | 10 N-m / 10 lbf-ft | 1 N-m      | 583,2  | 31   | 62,5 | 686   | 1,988 |
| 7674760 | 4550-55 | 3/4" | 20   | 110-550 | 80-405   | 10 N-m / 10 lbf-ft | 1 N-m      | 853,7  | 31   | 69,0 | 958   | 4,224 |
| 1521365 | 4550-75 | 3/4" | 20   | 150-750 | 110-550  | 10 N-m / 10 lbf-ft | 1 N-m      | 1128,7 | 38   | 69,0 | 1.232 | 5,4   |
| 1950525 | 4551-85 | 3/4" | 20   | 250-850 | 185-630  | 10 N-m / 10 lbf-ft | 1 N-m      | 1275,7 | 38   | 69,0 | 1.380 | 5,4   |

### 4549 - 4550

Mushroom head  
TORCOFIX K



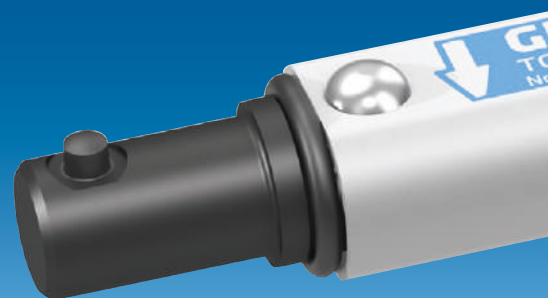
- > 1/4", 3/8" or 1/2" square drive with ball locking device

| Code           | No.      | □"          | □    | ■"   | ■    | ∅ mm |       |
|----------------|----------|-------------|------|------|------|------|-------|
| <b>1545167</b> | 4549-87  | 3/8" - 1/4" | 10,0 | 1/4" | 6,3  | 35   | 0,021 |
| <b>1566385</b> | 4549-88  | 3/8" - 3/8" | 10,0 | 3/8" | 10   | 35   | 0,022 |
| <b>7079370</b> | 4550-85S | 1/2" - 1/2" | 12,5 | 1/2" | 12,5 | 44   | 0,06  |

## TORCOFIX Z

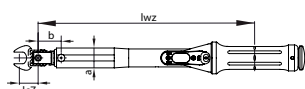
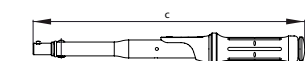
### Technical Information Z

- The large cross-section of the spigot end transfers a maximum torque. "Quick-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 TORCOFIX Z is used, it is possible to work both in the forward direction and also to the side. For anti-clockwise tightening, simply turn the torque wrench through 180°



### 4400 - 4485

Torque wrench TORCOFIX Z  
5-850 N·m / 3,7-630 lbf·ft



- > Spigot holder for push-on tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3



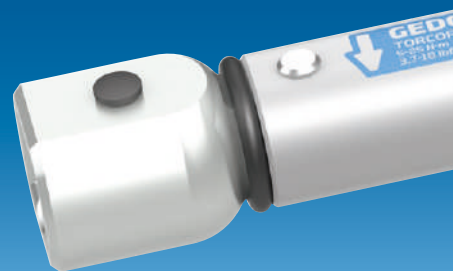
- > Ergonomic system for torque adjustment
- > Double scale N-m and lbf-ft
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For special tools observe the gauge block

| Code           | No.     | ∅  | N-m     | lbf-ft  |        | vernier Nm | lwZ    | lcZ  | c     |      |
|----------------|---------|----|---------|---------|--------|------------|--------|------|-------|------|
| <b>1646168</b> | 4400-02 | 16 | 5-25    | 3,7-18  | 1 N-m  | 0,1 N-m    | 210,5  | 32,0 | 278   | 0,3  |
| <b>1646176</b> | 4405-05 | 16 | 10-50   | 7,5-37  | 25 N-m | 0,25 N-m   | 260,5  | 32,0 | 328   | 0,39 |
| <b>7097270</b> | 4410-01 | 16 | 20-100  | 15-75   | 5 N-m  | 0,5 N-m    | 300,2  | 32,0 | 376,5 | 0,7  |
| <b>7097350</b> | 4420-01 | 16 | 40-200  | 30-150  | 10 N-m | 1 N-m      | 391,2  | 32,0 | 467,5 | 0,86 |
| <b>7097430</b> | 4430-01 | 16 | 60-300  | 45-220  | 10 N-m | 1 N-m      | 482,2  | 32,0 | 558,5 | 1,08 |
| <b>7094090</b> | 4440-01 | 16 | 80-400  | 60-300  | 10 N-m | 1 N-m      | 572,2  | 32,0 | 648,5 | 1,39 |
| <b>7501310</b> | 4450-01 | 22 | 110-550 | 80-405  | 10 N-m | 1 N-m      | 838,7  | 56,0 | 917   | 3    |
| <b>1521381</b> | 4475-01 | 22 | 150-750 | 110-550 | 10 N-m | 1 N-m      | 1119,9 | 56,0 | 1.198 | 4,06 |
| <b>1997009</b> | 4485-01 | 22 | 250-850 | 185-630 | 10 N-m | 1 N-m      | 1266,7 | 56,0 | 1.345 | 4,43 |

# **i** TORCOFIX SE

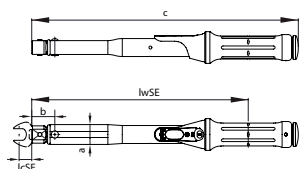
## Technical Information - Quick-fitting change (SE)

Quick-change system with pin locking guarantees flexible and swift working methods. Ideal for installations in confined and poorly accessible spaces. Depending on the application for the TORCOFIX SE, access is possible from the front and side.



### 4100 - 4301

Torque wrench TORCOFIX SE  
5-400 N·m / 3,7-300 lbf·ft



- > SE holder for insert tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3

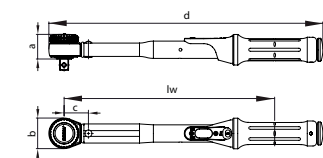


- > Ergonomic system for torque adjustment
- > Double scale N-m and lbf-ft
- > Certificate according to DIN ISO 6789:2017 part 2
- > For special tools observe the gauge block

| Code    | No.     | mm      | N-m    | lbf-ft | Accuracy | vernier Nm | lcSE | c     | lwSE  | lcSE | Weight |
|---------|---------|---------|--------|--------|----------|------------|------|-------|-------|------|--------|
| 1646192 | 4101-02 | 9 x 12  | 5-25   | 3,7-18 | 1 N-m    | 0,1 N-m    | 17,5 | 273   | 212,5 | 17,5 | 0,32   |
| 1646206 | 4101-05 | 9 x 12  | 10-50  | 7,5-37 | 25 N-m   | 0,25 N-m   | 17,5 | 323   | 262,5 | 17,5 | 0,399  |
| 7600210 | 4100-01 | 9 x 12  | 20-100 | 15-75  | 5 N-m    | 0,5 N-m    | 17,5 | 369,5 | 300,2 | 17,5 | 0,73   |
| 1654934 | 4200-02 | 9 x 12  | 30-150 | 22-110 | 10 N-m   | 1 N-m      | 17,5 | 460,5 | 391,2 | 17,5 | 0,896  |
| 7600990 | 4201-01 | 14 x 18 | 40-200 | 30-150 | 10 N-m   | 1 N-m      | 25   | 470,5 | 401,2 | 25,0 | 0,959  |
| 7601020 | 4300-01 | 14 x 18 | 60-300 | 45-220 | 10 N-m   | 1 N-m      |      | 561,5 | 492,2 | 25,0 | 1,177  |
| 7604120 | 4301-01 | 14 x 18 | 80-400 | 60-300 | 10 N-m   | 1 N-m      | 25   | 648,5 | 579,2 | 25,0 | 1,589  |

### 3549 UK - 3550 UK

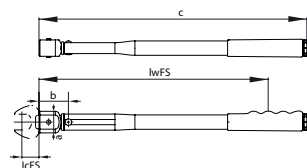
Torque wrench TORCOFLEX UK  
1-200 N·m



- > Adjustable, releasing and sturdy tubular torque wrench with integrated lever ratchet and with square drive for industry and the trades
- > Classified according to DIN EN ISO 6789:2017 Type II Class A, with a traceable factory certificate. Calibrated to a permissible deviation of +/- 3 % and better.

- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For controlled directional tightening

| Code    | No.        | "    | mm   | vernier Nm | lw    | a    | b    | d   | Weight |
|---------|------------|------|------|------------|-------|------|------|-----|--------|
| 2958007 | 3549-00 UK | 1/4" | 6,3  | 0,025 N-m  | 152   | 15   | 25,0 | 225 | 0,61   |
| 2958015 | 3549-02 UK | 1/4" | 6,3  | 0,1 N-m    | 212,5 | 21,5 | 25,0 | 286 | 0,67   |
| 2958023 | 3549-05 UK | 3/8" | 10   | 0,25 N-m   | 270,5 | 19,1 | 35,0 | 348 | 0,825  |
| 2958031 | 3550-10 UK | 1/2" | 12,5 | 0,5 N-m    | 318,2 | 22   | 42,5 | 409 | 1,38   |
| 2958058 | 3550-20 UK | 1/2" | 12,5 | 1 N-m      | 409,2 | 22   | 42,5 | 522 | 1,467  |
| 2958066 | 3550-30 UK | 1/2" | 12,5 | 1 N-m      | 500,2 | 22   | 42,5 | 591 | 1,74   |
| 2958074 | 3550-40 UK | 3/4" | 20   | 1 N-m      | 634,2 | 36   | 68,0 | 738 | 3,44   |
| 2958082 | 3550-55 UK | 3/4" | 20   | 1 N-m      | 894,7 | 36   | 68,0 | 998 | 3,7    |

**4150 - 4151**Torque wrench for pre-setting TORCOFIX FS  
5-200 N·m

- > SE holder for insert tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > you can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3

- > Ergonomic system for torque adjustment
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For special tools observe the gauge block
- > If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)

| Code    | No.                   | mm      | N·m    | lwFS | lcFS | a  | c   | kg   |
|---------|-----------------------|---------|--------|------|------|----|-----|------|
| 7601960 | 4150-25 without fixed | 9 x 12  | 5-25   | 134  | 17,5 | 22 | 186 | 0,3  |
| 7602180 | 4150-50 without fixed | 9 x 12  | 10-50  | 194  | 17,5 | 22 | 246 | 0,27 |
| 7602850 | 4150-85 without fixed | 9 x 12  | 17-85  | 277  | 17,5 | 22 | 329 | 0,34 |
| 7603580 | 4151-20 without fixed | 14 x 18 | 40-200 | 357  | 25   | 33 | 410 | 0,75 |

**PRIME FH**Torque screwdriver type PGNS FS  
0,2-4,5 N·m / pre-set

- > Basic model
- > Adjustable torque screwdriver for series assembly
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > For error proof controlled directional tightening, anti-clockwise operation for loosening
- > It is not possible to over-tighten the screw

- > deviation of +/- 10 % without certificate
- > Fixed setting by hand on a test device
- > If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)
- > Fatigue-free working through ergonomic handle

| Code    | No.          | "    | mm  | cN·m   | N·m     | mm  | kg    |
|---------|--------------|------|-----|--------|---------|-----|-------|
| 2927721 | PRIME 150 FH | 1/4" | 6,3 | 20-150 | 0,2-1,5 | 138 | 0,198 |
| 2927748 | PRIME 450 FH | 1/4" | 6,3 | 50-450 | 0,5-4,5 | 138 | 0,198 |

**PRO ESD FH**Torque screwdriver Type PGNE FS  
0,05-13,5 N·m / pre-set

- > Adjustable torque screwdriver for series assembly
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > With slip clutch for error proof controlled right and left hand tightening
- > It is not possible to over-tighten the screw
- > Test certificate according to DIN EN ISO 6789, permissible deviation of +/- 6

- > Fixed setting at GEDORE or by hand on a test device
- > If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)
- > Fatigue-free working through ergonomic handle
- > Models 4.5 and 13.5 with additional removable T-bar for ease of use

| Code    | No.             | "    | mm  | cN·m     | N·m       | mm  | kg   |
|---------|-----------------|------|-----|----------|-----------|-----|------|
| 2927799 | PRO 25 ESD FH   | 1/4" | 6,3 | 5-25     | 0,05-0,25 | 132 | 0,21 |
| 2927802 | PRO 150 ESD FH  | 1/4" | 6,3 | 20-150   | 0,2-1,5   | 132 | 0,21 |
| 2927810 | PRO 450 ESD FH  | 1/4" | 6,3 | 50-450   | 0,5-4,5   | 140 | 0,23 |
| 2927829 | PRO 1350 ESD FH | 1/4" | 6,3 | 250-1350 | 2,5-13,5  | 140 | 0,23 |



## PRO FH

Torque screwdriver Type PGNP FS  
0,05-13,5 N·m / pre-set



- > pre set torque screwdriver for series assembly
  - > 1/4" hexagon socket for 1/4" bits - C 6.3
  - > With slip clutch for error proof controlled right and left hand tightening
  - > It is not possible to over-tighten the screw
  - > Test certificate according to DIN EN ISO 6789, permissible deviation of +/- 6
  - > Fixed setting at GEDORE or by hand on a test device
  - > If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)
- > Fatigue-free working through ergonomic handle
  - > Models 4.5 and 13.5 with additional removable T-bar for ease of use
  - > EPA (Electrostatic Protected Area) compliant

| Code    | No.         | ⬡"   | ⬡mm | cN·m     | N·m       | ↳mm↳ | ⚖️   |
|---------|-------------|------|-----|----------|-----------|------|------|
| 2927756 | PRO 25 FH   | 1/4" | 6,3 | 5-25     | 0,05-0,25 | 132  | 0,21 |
| 2927764 | PRO 150 FH  | 1/4" | 6,3 | 20-150   | 0,2-1,5   | 132  | 0,23 |
| 2927772 | PRO 450 FH  | 1/4" | 6,3 | 50-450   | 0,5-4,5   | 140  | 0,23 |
| 2927780 | PRO 1350 FH | 1/4" | 6,3 | 250-1350 | 2,5-13,5  | 140  | 0,23 |

## TLS

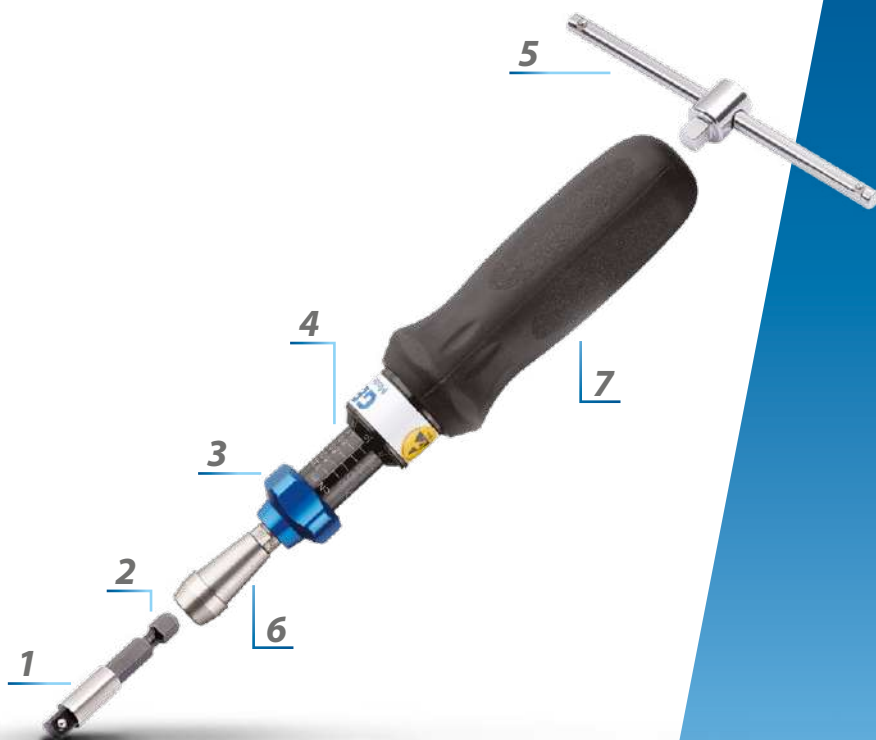
Torque screwdriver Type FS  
0,04-13,6 N·m / pre-set



- > fixed torque screwdriver for series assembly
  - > 1/4" hexagon socket for 1/4" bits - C 6.3
  - > With slip clutch for error proof controlled right and left hand tightening
  - > It is not possible to over-tighten the screw
  - > Test certificate according to DIN EN ISO 6789, permissible deviation of +/- 6
  - > Fatigue-free working through ergonomic handle
- > Fixed setting at GEDORE or by hand on a test device
  - > If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)
  - > Model No. 755-05 with additional cross handle

| Code    | No.                   | ⬡"   | ⬡mm | ■"   | ■mm | cN·m     | N·m       | ↳mm↳ | ⚖️    |
|---------|-----------------------|------|-----|------|-----|----------|-----------|------|-------|
| 1471481 | TLS0022 MICRO FH BLUE | 1/4" | 6.3 | 1/4" | 6,3 | 4,4-22   | 0,04-0,22 | 76   | 0,05  |
| 1471473 | TLS0022 FH BLUE       | 1/4" | 6.3 | 1/4" | 6,3 | 4,4-22   | 0,04-0,22 | 104  | 0,072 |
| 1471465 | MIN FH BLUE           | 1/4" | 6.3 | 1/4" | 6,3 | 27-135   | 0,27-1,35 | 111  | 0,21  |
| 1471457 | STD FH BLUE           | 1/4" | 6.3 | 1/4" | 6,3 | 80-400   | 0,8-4     | 127  | 0,28  |
| 1228501 | TLS1360 FH BLUE       | 1/4" | 6.3 | 1/4" | 6,3 | 280-1360 | 2,8-13,6  | 137  | 0,325 |

# i TORQUE SCREWDRIVERS 756



## 1 DRIVE ADAPTOR 1/4"-SQUARE DRIVE

To fit industrystandard nut sockets.

## 2 DRIVE ADAPTOR 1/4"-HEXAGON-MALE

Guarantees a safe and stable connection to the tool.

## 3 "POSITIV-LOCK"-SYSTEM

Locks the set torque, reliably preventing it from wrong setting.

## 4 SCALE

Clearly readable scale ring; enables you to make the setting accurately, quickly and without error.

## 5 SLIDING T-BAR

Made of quality steel, can be adapted to enhance users transmission of power.

## 6 1/4"-DRIVE TYPE

Made of stainless steel, for industry-standard bits.

## 7 RUBBER HANDGRIP

Ergonomic, can be held securely in your hand.

**QSN**  
Torque screwdriver Type 5  
0,08-9 N·m



- > Adjustable torque screwdriver with scale
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > With slip clutch for error proof controlled right and left hand tightening
- > It is not possible to over-tighten the screw
- > Test certificate acc. to DIN EN ISO 6789



- > EPA (Electrostatic Protected Area) compliant
- > Incl. 1/4" adapter drive unit (No. 757-20)
- > Models no. 756-06/-09 with additional cross handle

| Code    | No.       | ⌀"   | ⌀mm | ■"   | ■mm | cN·m    | N·m      | ↳mm↳ | ⚖     |
|---------|-----------|------|-----|------|-----|---------|----------|------|-------|
| 1498738 | QSN40 FH  | 1/4" | 6.3 | 1/4" | 6,3 | 8-40    | 0,08-0,4 | 159  | 0,124 |
| 1400150 | QSN120 FH | 1/4" | 6.3 | 1/4" | 6,3 | 24-120  | 0,24-1,2 | 183  | 0,23  |
| 1400169 | QSN600 FH | 1/4" | 6.3 | 1/4" | 6,3 | 120-600 | 1,2-6    | 196  | 0,335 |
| 1400177 | QSN900 FH | 1/4" | 6.3 | 1/4" | 6,3 | 400-900 | 4-9      | 196  | 0,335 |

## QS

Torque screwdriver Type S  
0,24-9 N·m



- > Adjustable torque screwdriver with scale
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > With slip clutch for error proof controlled right and left hand tightening
- > It is not possible to over-tighten the screw

- > Certificate according to DIN EN ISO 6789 maximum deviation /- 6%
- > Incl. 1/4" adapter drive unit (No. 757-20)
- > Models No. 757-06/-09 with additional cross handle



| Code    | No.           | 1/4" | 6.3 mm | 1/4" | 6.3 mm | cN·m    | N·m      | 169 mm | kg    |
|---------|---------------|------|--------|------|--------|---------|----------|--------|-------|
| 7718050 | QSM/N FH BLUE | 1/4" | 6.3    | 1/4" | 6.3    | 24-120  | 0,24-1,2 | 169    | 0,165 |
| 7718130 | QS6 FH BLUE   | 1/4" | 6.3    | 1/4" | 6.3    | 120-600 | 1,2-6    | 184    | 0,335 |
| 7718210 | QS9 FH BLUE   | 1/4" | 6.3    | 1/4" | 6.3    | 400-900 | 4-9      | 184    | 0,335 |

## TT

Torque screwdriver Type SP  
10-500 cN·m / 14 ozf·in-40 lbf·in



- > Indicating torque test screwdriver with double scale
- > With slave-pointer function works in both directions
- > For controlled bi-directional tightening
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > Certificate according to DIN EN ISO 6789 maximum

- > deviation /- 6%
- > EPA (Electrostatic Protected Area) compliant
- > Incl. 1/4" adapter drive unit (No. 757-20)
- > Models No. 758-25/-50 with additional cross handle



| Code    | No.           | 1/4" | 6.3 mm | cN·m    | N·m     | ozf·in / lbf·in | 178 mm | 2 cN·m / 2 ozf·in    | kg    |
|---------|---------------|------|--------|---------|---------|-----------------|--------|----------------------|-------|
| 7096380 | TT50 FH BLUE  | 1/4" | 6.3    | 10-50   | 0,1-0,5 | 14-70           | 178    | 2 cN·m / 2 ozf·in    | 0,19  |
| 7096460 | TT100 FH BLUE | 1/4" | 6.3    | 20-100  | 0,2-1   | 28-140          | 178    | 5 cN·m / 5 ozf·in    | 0,19  |
| 7096540 | TT250 FH BLUE | 1/4" | 6.3    | 50-250  | 0,5-2,5 | 4-20            | 250    | 10 cN·m / 0,5 lbf·in | 0,465 |
| 7096620 | TT500 FH BLUE | 1/4" | 6.3    | 100-500 | 1-5     | 8-40            | 250    | 20 cN·m / 1 lbf·in   | 0,465 |

## TSN

Torque wrench TSN SLIPPER  
5-125 N·m / pre-set



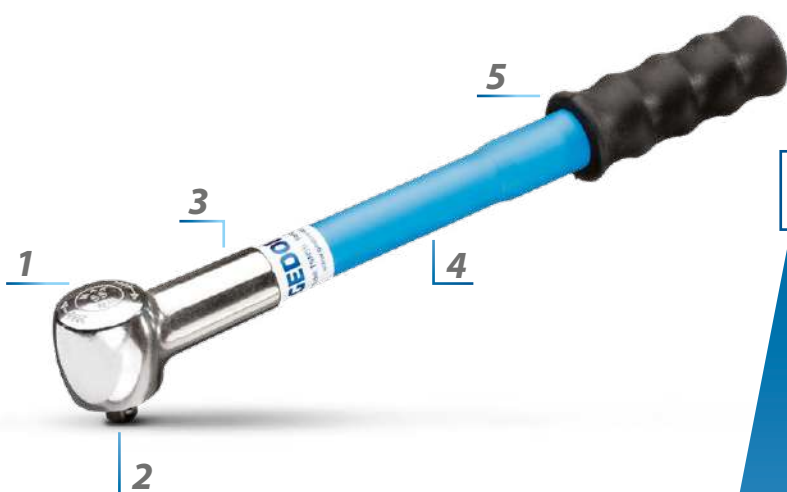
- > fixed torque wrench for series assembly
- > 1/4", 3/8" or 1/2" square drive with integrated ratchet function
- > For error proof controlled directional tightening
- > It is not possible to over-tighten the screw
- > Certificate according to DIN EN ISO 6789 /- 4 % tolerance

- > Fixed setting at GEDORE or by hand on a test device
- > If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)
- > EPA (Electrostatic Protected Area) compliant

| Code    | No.    | 1/4" | 6.3 mm | N·m    | lbf·in   | 216 mm | kg   |
|---------|--------|------|--------|--------|----------|--------|------|
| 7091900 | TSN25D | 1/4" | 6,3    | 5-25   | 44-221   | 216    | 0,34 |
| 7092040 | TSN25A | 3/8" | 10     | 5-25   | 44-221   | 216    | 0,34 |
| 7092120 | TSN55  | 3/8" | 10     | 15-55  | 132-486  | 324    | 0,8  |
| 7092200 | TSN125 | 1/2" | 12,5   | 40-125 | 354-1106 | 460    | 1,36 |

## i TSN SLIPPER

Pre-set ratchet head torque wrench with automatic actuation and slip function. Over-tightening is not possible.



### 1 INTEGRATED RATCHET FUNCTION

Particularly dependable ratchet having 36 teeth (759-00/-01) or 48 teeth (759-02/-03). Slip-through function guarantees controlled and safe screw tightening, even in hard-to-access locations.

### 2 OUTPUT SQUARE DRIVE

Made of quality steel with ball-locking mechanism

### 3 HIGH REPEATABILITY

Guarantees constant tightening torques.

### 4 ROBUST CASTING PART

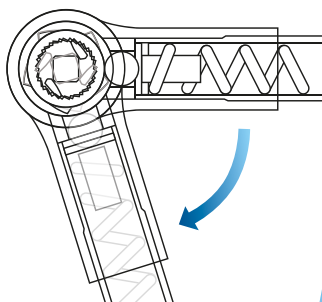
Made of corrosion-resistant, rustproof material.

### 5 RUBBER HANDGRIP

Ergonomic and pleasant to hold in your hand. Prevents slipping.

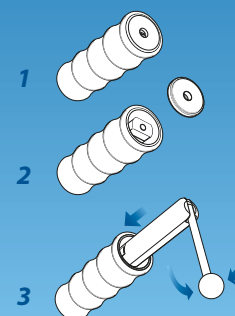
#### WORKING PRINCIPLE

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.



#### TECHNICAL INFORMATION

All TSN SLIPPER and TBN BREAKER torque wrenches (apart from 760-00/-01) are fitted with the patented "Mechanical Torque Adjustment Locking Device" to modify torque tester.



**TSN**  
Torque wrench TSP SLIPPER  
1-10 N·m / pre-set



- > Adjustable torque wrench for series assembly
- > 1/4" square drive with integrated ratchet function
- > For controlled error proof directional tightening
- > It is not possible to over-tighten the screw
- > Certificate according to DIN EN ISO 6789 / - 6 % tolerance

- > Fixed setting at GEDORE or by hand on a test device
- > If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)
- > EPA (Electrostatic Protected Area) compliant

| Code    | No.      | □"   | ■mm | N·m  | lbf·in | □mm | ⚖    |
|---------|----------|------|-----|------|--------|-----|------|
| 1196650 | TSN5/45  | 1/4" | 6,3 | 1-5  | 10-45  | 185 | 0,19 |
| 1196731 | TSN10/90 | 1/4" | 6,3 | 2-10 | 20-90  | 185 | 0,19 |

**TSC**  
Torque wrench TSC SLIPPER  
1-10 N·m



- > Adjustable torque wrench with scale
- > 1/4" square drive with integrated ratchet function
- > For controlled error proof directional tightening
- > It is not possible to over-tighten the screw

- > Certificate according to DIN EN ISO 6789 /- 6 % tolerance
- > EPA (Electrostatic Protected Area) compliant

| Code    | No.   | "    | mm  | N·m  | mm  | N·m      | kg    |
|---------|-------|------|-----|------|-----|----------|-------|
| 1196480 | TSC5  | 1/4" | 6,3 | 1-5  | 195 | 0,05 N·m | 0,235 |
| 1196510 | TSC10 | 1/4" | 6,3 | 2-10 | 195 | 0,1 N·m  | 0,235 |

## **i** TBN BREAKER

Pre-set torque wrench with automatic snap actuation. Torque wrench offering maximum accuracy. Guaranteed tightening values without over-tightening.



16 5 - 135 N·m



9x12 0,2 - 135 N·m



**1**

### DRIVE

16 mm spigot end or 9x12 mm rectangular cavity made of quality steel with pin-locking mechanism



**2**

### BREAKING

All TBN breaking torque wrenches break by 20° at the pivot point when the set torque is achieved. The models 760-00/-01 can also be set to a breaking angle of 90°.

**3**

### RUBBER HANDGRIP

Ergonomic and pleasant to hold in your hand. Prevents slipping.



**4**

### PATENTED MECHANISM

Guarantees a long product lifespan with guaranteed accuracy values

**5**

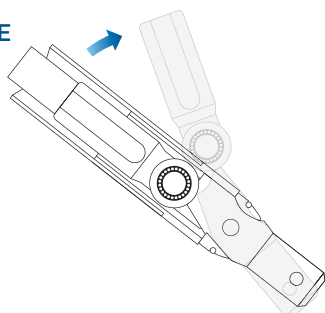
### LIGHTWEIGHT STEEL TUBE

Firm, solid, and free of corrosion

As an option, we also manufacture the TBN BREAKER models 760-00/-01 with interchangeable fittings directly positioned on the tool.

### WORKING PRINCIPLE

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.



### TECHNICAL INFORMATION

TBN BREAKER 760-00/-01 values are changed using the "Double Positive" adjustment system.



**TBN**

TBN Breaking Torque wrench KNICKER  
0,4-135 N·m / 1,8-1195 lbf·in / pre-set



- > fixed torque wrench for series assembly
- > 9x12 mm inner rectangular or 16 mm spigot
- > For bi-directional tightening (the wrench only has to be turned by 180°!)
- > Breaking of the handgrip by 20° when the pre-set torque value is achieved makes over-tightening unlikely
- > Certificate according to DIN EN ISO 6789
- > Fixed setting at GEDORE or by hand on a test device

- > If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)
- > No. 760-00/-01: EPA (Electrostatic Protected Area) compliant

| Code    | No.      | mm        | ∅  | N·m    | mm  | kg   |
|---------|----------|-----------|----|--------|-----|------|
| 7090690 | TBN2G    | 9 x 12 mm |    | 0,4-2  | 133 | 0,11 |
| 7090770 | TBN10G   | 9 x 12 mm |    | 2-10   | 133 | 0,15 |
| 1824686 | TBN25    |           | 16 | 5-25   | 265 | 0,41 |
| 1824694 | TBN25 G  | 9 x 12 mm |    | 5-25   | 265 | 0,41 |
| 1824708 | TBN65    |           | 16 | 13-65  | 302 | 0,75 |
| 1824716 | TBN65 G  | 9 x 12 mm |    | 13-65  | 302 | 0,75 |
| 1824724 | TBN135   |           | 16 | 27-135 | 408 | 1,03 |
| 1824732 | TBN135 G | 9 x 12 mm |    | 27-135 | 408 | 0,83 |

**8801**

Torque wrench TYP 88 KNICKER  
0,4-135 N·m / 1,8-1195 lbf·in / pre-set

**Use:**

- > Controlled screw tightening in the most common range of 150 - 1000 N·m
- > Industry and vehicle sector (lorries, industrial vehicles)

**Features:**

- > Adjustable torque wrench - with scale
- > 3/4" square drive with integrated ratchet function
- > Suitable for bi-directional tightening on account of push-through square drive
- > Working accuracy: +/- 4 % tolerance of set torque

- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Breaking mechanism as an actuation signal which can be seen and felt and makes over-tightening unlikely
- > Dual scale N·m and lbf·ft

**Scope of delivery:**

- > Torque wrench Typ 88 KNICKER
- > Test certificate acc. to DIN EN ISO 6789
- > Delivery in sturdy plastic case

| Code    | No.     | "    | mm | N·m      | lbf·ft  | mm    | kg |
|---------|---------|------|----|----------|---------|-------|----|
| 3022854 | 8801-01 | 3/4" | 20 | 150-700  | 100-500 | 1.250 | 10 |
| 3022862 | 8801-02 | 3/4" | 20 | 200-800  | 150-600 | 1.250 | 10 |
| 3022870 | 8801-03 | 3/4" | 20 | 300-1000 | 200-750 | 1.460 | 12 |

WWW.GEDORE.COM



# i TYP 83

Torque wrenches with slave pointer Ideal for test, control and maintenance work



## 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

### SOLID TUBE

Light-metal tube with plastic sleeving.

## 3

### PRACTICAL HANDGRIP

Handgrip shaped in accordance with the most recent ergonomic findings. Resistant to grease and oil.



## 4

### INTEGRATED RATCHET SPINDLE

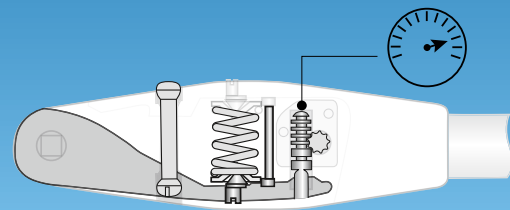
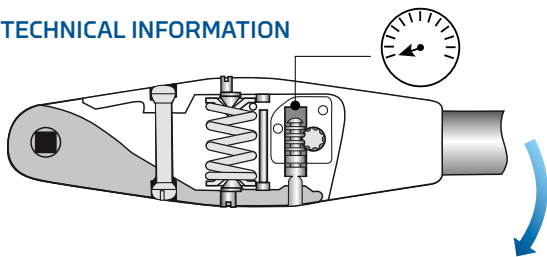
With double square drive enables highspeed bi-directional tightening.

## 5

### DUAL SCALE

N-m and lbf-in/lbf-ft with main and slave pointers, protected by a strong window made of Trogamid "T".

### TECHNICAL INFORMATION



The working principle of the torque wrench with slave pointer type 83

### ADS - EDS

Torque wrench with slave pointer Type 83  
0,8-2000 N-m / 7 lbf-in-1500 lbf-ft



- > Dial-indicating torque wrench with dual scale and slave pointer
- > Controlled tightening (right/left) and checking of tightening values
- > 1/4", 3/8", 1/2", 3/4" or 1" double square drive
- > Models No. 8301-04 to No. 8304-80: with integrated ratchet-function

- > Certificate according to DIN EN ISO 6789 / - 4 % tolerance
- > 5 % overload of the maximum value
- > Light, robust aluminium construction
- > Models No. 8301-04 to No. 8301-40: EPA (Electrostatic Protected Area) compliant
- > Audio-visual signal is standard on models 8303-40 to 8305-20

| Code    | No.     | Drive type/drive | 1"   | mm   | N-m      | lbf-in | lbf-ft   | EPA | ↳ mm  | ↳ mm               | Height | kg   |
|---------|---------|------------------|------|------|----------|--------|----------|-----|-------|--------------------|--------|------|
| 7651390 | ADS4    | Double square    | 1/4" | 6,3  | 0,8-4    | 7-35   |          | x   | 244   | 1 N-m / 1 lbf-in   | 61     | 0,52 |
| 7651470 | ADS12D  | Double square    | 1/4" | 6,3  | 2,4-12   | 21-105 |          | x   | 244   | 5 N-m / 2 lbf-in   | 61     | 0,52 |
| 7651550 | ADS25   | Double square    | 3/8" | 10   | 5-25     | 44-220 |          | x   | 244   | 1 N-m / 10 lbf-in  | 69     | 0,52 |
| 7651630 | ADS40   | Double square    | 3/8" | 10   | 8-40     | 72-360 |          | x   | 244   | 1 N-m / 10 lbf-in  | 69     | 0,52 |
| 7651710 | BDS80E  | Double square    | 1/2" | 12,5 | 16-80    |        | 12-60    | 0   | 435   | 2 N-m / 1 lbf-ft   | 86     | 1,36 |
| 7651980 | BDS200  | Double square    | 1/2" | 12,5 | 40-200   |        | 30-160   | 0   | 515   | 5 N-m / 5 lbf-ft   | 86     | 1,41 |
| 7652280 | CDS400S | Double square    | 3/4" | 20   | 80-400   |        | 60-300   | 0   | 710   | 10 N-m / 10 lbf-ft | 111    | 3,2  |
| 7652010 | DDS800S | Double square    | 3/4" | 20   | 160-800  |        | 120-600  | 0   | 1.000 | 20 N-m / 20 lbf-ft | 123    | 4,9  |
| 1196790 | EDS1400 | Double square    | 1"   | 25   | 280-1400 |        | 200-1000 | 0   | 2.040 | 25 N-m / 25 lbf-ft | 138    | 16,7 |
| 1196804 | EDS2000 | Double square    | 1"   | 25   | 400-2000 |        | 300-1500 | 0   | 2.040 | 50 N-m / 50 lbf-ft | 138    | 16,7 |

# i E-TORC Q

Electronic torque wrench



## 1 POWERFUL. VARIABLE.

Holders: Rectangular-cavity SE 9x12 (E-torc Q 100) and SE 14x18 (E-torc Q 200, 300)

## 2 EXTENSIVELY. RESILIENT.

Large TFT graphics display of a 109 mm (4.3") diagonal with touch function. This makes a gloves operation possible.

## 3 ERGONOMIC. SAFE.

The ergonomic handle ensures easy, safe handling - even with large tightening torques.

## 4 FLEXIBLE. POSITIONAL.

Easy-to-handle: Housing-oriented tool holding fixture rotatable through 60° in both directions (120°)

## 5 BATTERY

High-performance lithium-ion rechargeable battery with rapid changing system



### CHARGING UNIT

Charging unit for two lithium-ion rechargeable batteries (optional)



### INTUITIVE. VISIBLE.

Touch function or six hardware keys for intuitive user software operating and, in addition, an extremely robust enter key.



### ALL THE STANDARD MEASUREMENT METHODS

- Torque
- Torque/rotary angle
- Loosening/tightening
- First movement
- Yield point
- High measurement accuracy e.g. torque +/- 1 %, +/- 1 digit



Virtual progress bar for torque and angle



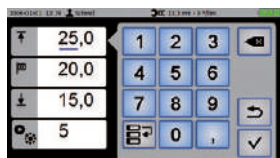
Clear depiction of the measurement results



Measured value compilation and assessment



Graph representation and evaluation directly possible at E-torc Q



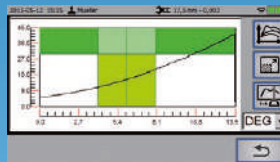
Touch screen for clear objective input



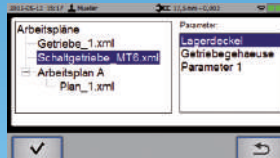
Operating with workflows



A variety of users and a user account management can be set up



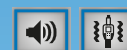
Management of fitting and depth gauge parameters



Wireless (Wi-Fi 2.4 and 5 GHz) or USB mini interface for communication purposes



Wireless (Wi-Fi 2.4 and 5 GHz) or USB mini interface for communication purposes



2D scanner (optional) for reading in barcodes and QR codes



## ET2SA

Electronic torque wrench E-torc  
2-1000 N·m / 1.5-750 lbf·ft,  
with rotary angle measurement



- > Documented tightening for torque and angle of rotation
  - > Optical, acoustic and sensory signalling
  - > Graphic evaluation with free software
  - > Marked contrast graphics display with backdrop lighting
  - > 1/4" square, 9x12, 14x18 rectangular, 22 and 28 mm spigot mount (depending on model)
  - > Screw joint analyses
  - > Process control
  - > Factory certificate according to DIN ISO 6789
  - > Optional certificate according to DAkkS-DKD-R 3-7
- > Torque reading precision +/- 1 %, +/- 1 digit from reading figure
  - > Demonstration and consultation - technical field service
  - > Further options on request: further torque, yield strength etc.

| Code    | No.         | "    | mm   | mm      | Ø  | N·m      | lbf·ft | a  | d     | kg   |
|---------|-------------|------|------|---------|----|----------|--------|----|-------|------|
| 2795493 | ET2SKA 25   | 1/4" | 6,3  |         |    | 2-25     | 1,5-18 | 35 | 347   | 0,85 |
| 2795612 | ET2SKA 150  | 1/2" | 12,5 | 9 x 12  |    | 10-150   | 7-111  | 35 | 514   | 1,33 |
| 2795620 | ET2SKA 300  | 1/2" | 12,5 | 14 x 18 |    | 30-300   | 22-221 | 35 | 753   | 1,84 |
| 2795639 | ET2SZA 600  |      |      |         | 22 | 100-600  | 74-443 | 35 | 1.055 | 3,22 |
| 2795655 | ET2SZA 1000 |      |      |         | 28 | 100-1000 | 74-750 | 40 | 1.488 | 5,68 |

## TT3KH

Electronic torque wrench TorcoTronic III  
10-350 N·m / 7,4-258,2 lbf·ft



- > Microprocessor-controlled, electronic torque wrench
  - > Torque and torque angle measure
  - > Documented right and left suit
  - > Software included
  - > 5 parameters storable
  - > 2000 storage places
  - > Measurement accuracy torque +/- 1 %, +/- 1 digit
  - > Measurement accuracy torque angle +/- 1 %, but min. +/- 1° on 360° with min. 4°/sec
  - > Different depth gauges for end fittings programmable
- > Simple operation, user-friendly icon menu navigation
  - > Clearly readable, illuminated LCD display
  - > Factory certificate according to DIN ISO 6789
  - > Optional certificate according to DAkkS-DKD-R 3-7

| Code    | No.       | "    | mm   | mm      | N·m    | lbf·ft     | kg   |
|---------|-----------|------|------|---------|--------|------------|------|
| 2648636 | TT3KH 120 | 1/2" | 12,5 | 9 x 12  | 10-120 | 7,4-88,5   | 1,74 |
| 2648644 | TT3KH 350 | 1/2" | 12,5 | 14 x 18 | 70-350 | 51,6-258,2 | 1,2  |

**NEW****CAPTURE Hub**Electronic testing device Capture Hub  
0,1 - 25 N·m

- > Digital torque tester for testing torque wrenches and torque screwdrivers
- > Light and robust thanks to the aluminum basic housing, horizontal and vertical mounting possible
- > 4 models in the range of 0.1-25 Nm
- > With 1/4" square socket (CH25 with 3/8")
- > Measuring tolerance +/- 1% for all readings
- > 4 measurement modes: sliding value display (track), breakpoint detection (first peak), peak value measurement (peak), screwdriver test
- > Including screw joint simulator attachment for testing screwdrivers
- > Switchable units N·m, cN·m, lbf·ft, lbf·in, ozf·in
- > 50 test sequences can be programmed
- > 2000 measured values can be saved
- > Clear and high-contrast TFT display
- > expandable by an additional capture sensor (connection socket available)

- > powerful lithium-ion battery for Line Side mains-independent work
- > Data output and mains operation via USB connection
- > optional: PC evaluation software "Capture Manager" (2908778)

**Scope of delivery:**

- > Capture Hub
- > Screw joint simulator
- > USB cable
- > Power supply unit with Euro plug
- > Operating instructions
- > Test certificate
- > stable plastic case with inlay

| Code    | No.   | N·m        | lbf·ft           | □ mm | □"   |     |
|---------|-------|------------|------------------|------|------|-----|
| 3128903 | CH 1  | 0.1-1 N·m  | 0,08-0,75 lbf·ft | 6,3  | 1/4" | 0,5 |
| 3124045 | CH 2  | 0.2-2 N·m  | 0,15-1,5 lbf·ft  | 6,3  | 1/4" | 0,5 |
| 3124053 | CH 5  | 0.5-5 N·m  | 0,4-3,65 lbf·ft  | 6,3  | 1/4" | 0,5 |
| 3124061 | CH 25 | 2.5-25 N·m | 3,65-18 lbf·ft   | 10,0 | 3/8" | 0,5 |

**NEW**CLElectronic test device Capture Lite  
0,02-350 N·m / 0,015 lbf·ft - 260 lbf·ft

- > Digital torque tester for testing torque spanners and torque screwdrivers
- > Light and robust due to aluminium basic housing
- > 5 models in the range from 0.02 N·m to 350 N·m
- > With 1/4", 3/8", 1/2" square mount (CL1 and CL10H with 1/4" hexagonal shaft)
- > Ease of use. Intuitive software design is similar to CAPTURE Display allowing existing Capture users to be familiar with the architecture and new users to become productive quickly, with its easy to use menus and Plug & Play functionality
- > 3 measuring modes: floating value display (track), kink point detection (first peak), peak value measurement (peak)
- > easy handling due to 1-button operation (measuring mode, unit)
- > Switchable between N·m, lbf·ft and lbf·in (depending on model)

- > optimal readability due to single-line well illuminated OLED display
- > Autostart function when a torque tool is inserted
- > Auto-sleep mode when not in use
- > Easy mounting on the table or on the wall
- > Power supply and data output via USB connection

**Scope of delivery:**

- > Capture Lite tester
- > USB connection cable
- > Adapter (depending on model)
- > Operating instructions
- > Test certificate
- > stable plastic case with inlay

| Code    | No.    | N·m               | lbf·ft                     | ○ mm | □ mm | □"   | Adapter inch                             |      |
|---------|--------|-------------------|----------------------------|------|------|------|--|------|
| 3297888 | CL 1   | 0,02 N·m - 1 N·m  | 0,015 lbf·ft - 0,74 lbf·ft | 6,3  |      |      |  | 1,32 |
| 3119319 | CL 10  | 0,25 N·m - 10 N·m | 0,19 lbf·ft - 7,4 lbf·ft   | 6,3  | 6,3  | 1/4" | 1/4" Hexagon socket - 1/4" square socket | 1,42 |
| 3297896 | CL 10S | 0,25 N·m - 10 N·m | 0,19 lbf·ft - 7,4 lbf·ft   |      | 6,3  | 1/4" |  | 1,42 |
| 3297918 | CL 150 | 5 N·m - 150 N·m   | 3,7 lbf·ft - 110 lbf·ft    |      | 10,0 | 3/8" | 1/4"                                     | 1,52 |
| 3297926 | CL 350 | 10 N·m - 350 N·m  | 7,4 lbf·ft - 260 lbf·ft    |      | 12,5 | 1/2" | 3/8"                                     | 1,65 |

**NEW****Capture screw joint simulator**0,02-25 N·m /  
0,075 lbf·ft - 18 lbf·ft

- > Capture screw joint simulator for testing screwdrivers
- > 3 models ranging from 0.02 N-m to 25 N-m
- > adaptable to the Capture Hub and Capture Sensor systems
- > easy mounting on the test device
- > different screw case hardnesses can be simulated (spring washer packs)

| Code    | No.   | □ mm | ⚖   |
|---------|-------|------|-----|
| 3119289 | RF 2  | 5 mm | 0,5 |
| 3119297 | RF 5  | 5 mm | 0,5 |
| 3119300 | RF 25 | 6 mm | 0,5 |

**8612**Electronic torque tester DREMOTEST E  
0,2-3150 N·m / 1,8 lbf·in - 2323 lbf·ft

- > Checking/adjustment of right-hand torque wrenches and screwdrivers
- > Plug & Work = very easy to use
- > High measurement accuracy: +/- 1% tolerance of reading, +/- 1 digit
- > Autoreset
- > Can be switched from N-m to lbf·ft and lbf·in
- > Serial interface RS232 for PC
- > Test certificate
- > Optional: Car adapter for 12 Volt power supply (No. 8612-390),
- > Optional: plausibility verification software (Code 2834391)

| Code    | No.       | N·m      | lbf·in  | lbf·ft   | □    | □    | Resolution | Adaptor    | ⚖  |
|---------|-----------|----------|---------|----------|------|------|------------|------------|----|
| 2288311 | 8612-012  | 0,2-12   | 1,8-106 |          | 6,3  |      | 0,001      | 1/4", 3/8" | 3  |
| 1947699 | 8612-050  | 0,9-55   |         | 0,7-40,6 | 10,0 |      | 0,01       | 1/4", 3/8" | 3  |
| 1856111 | 8612-300  | 9-320    |         | 7-236    | 17,0 |      | 1,0        | 3/8", 1/2" | 3  |
| 1947702 | 8612-1000 | 90-1100  |         | 66-811   | 36   |      | 1,0        | 1/2", 3/4" | 10 |
| 2529858 | 8612-3150 | 500-3150 |         | 369-2323 |      | 40,0 | 1,0        | 1"         | 26 |

**E-TP**

Electronic torsion test device

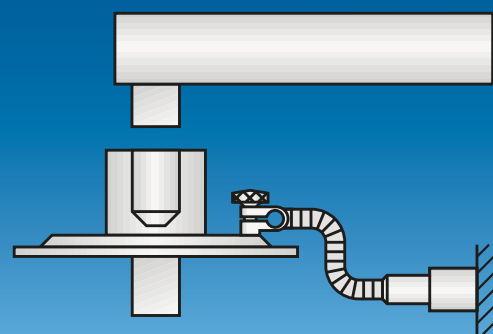


- > Electronic torque tester integrated with measurement electronics
- > Testing, adjusting and certifying right-hand and left-hand torque wrenches
- > Vertical and horizontal testing according to DIN EN ISO 6789
- > Factory certificate based on VDI 2646
- > Optional certificate as per DAkkS-DKD-R 3-8
- > A large LC graphic display
- > Wide measuring range in N-m, can be switched to cN-m, lbf·ft or lbf·in (model dependant)
- > Advice from our technical field service
- > Includes display, cables and software
- > Adapter cable RS232 to USB optionally available (Code 1957880)

| Code    | No.      | □ "    | □    | N·m      | lbf·ft     | Resolution | Adaptor    | ⚖    |
|---------|----------|--------|------|----------|------------|------------|------------|------|
| 2795663 | ETP 15   | 1/4"   | 6,3  | 0,5-15   | 0,4-11     | 0,001      | -          | 4,8  |
| 2795701 | ETP 100  | 1/2"   | 12,5 | 4-100    | 3-74       | 0,01       | 1/4", 3/8" | 10   |
| 2795728 | ETP 500  | 3/4"   | 20,0 | 20-500   | 14,8-369   | 0,1        | 3/8", 1/2" | 10,3 |
| 2795868 | ETP 1000 | 3/4"   | 20,0 | 50-1000  | 36,9-737,6 | 0,1        | 3/8", 1/2" | 10,3 |
| 2795884 | ETP 3150 | 1.1/2" | 40,0 | 300-3150 | 221-2323   | 1,0        | 3/4", 1"   | 26,8 |

# **i** TORQUE ANGLE INDICATOR 8200

- When using torque angle indicator no. 8200, please note:  
The maximum output of the torque wrenches must not be passed.  
Please ensure that the maximum load capacity of the square drive including the values achieved by angle-regulated tightening is not exceeded:
- 1/2" max. approx. 390 N·m
- 3/4" max. approx. 1330 N·m



**8200**  
Torque angle indicator



- > Torque-angle tightening
  - > Separate angle of rotation gauges with 1/2" or 3/4" square drive
  - > For additional precise angle tightening (0-360°)
  - > No. 8200-01/-02 with sliding claw and magnetic arm
  - > No. 8200-11 only with magnetic arm
- > To operate with a suitable torque wrench
  - > The maximum load of the torque wrench must not be exceeded

| Code           | No.     | ■ "  | □ "  | ∅ mm | ∠      | ⚖    |
|----------------|---------|------|------|------|--------|------|
| <b>1195980</b> | 8200-01 | 1/2" | 1/2" | 80   | 0-360° | 0,33 |
| <b>7718480</b> | 8200-11 | 1/2" | 1/2" | 82   | 0-360° | 0,33 |
| <b>7716510</b> | 8200-02 | 3/4" | 3/4" | 120  | 0-360° | 0,53 |

**8791 (MM)**  
Open end fitting  
16 Z



- > For solving difficult assembly problems
- > Journal holder diameter 16 mm

| Code           | No.     | ∅ mm | ∅  | mm | ∅ mm | Depth gauge | ⚖     |
|----------------|---------|------|----|----|------|-------------|-------|
| <b>7774470</b> | 8791-07 | 7    | 16 | 5  | 20,5 | 32,0        | 0,1   |
| <b>7774550</b> | 8791-08 | 8    | 16 | 5  | 20,5 | 32,0        | 0,097 |
| <b>7774630</b> | 8791-09 | 9    | 16 | 5  | 20,5 | 32,0        | 0,098 |
| <b>7710070</b> | 8791-10 | 10   | 16 | 7  | 29   | 32,0        | 0,106 |
| <b>7710150</b> | 8791-11 | 11   | 16 | 7  | 29   | 32,0        | 0,106 |
| <b>7676890</b> | 8791-12 | 12   | 16 | 7  | 29   | 32,0        | 0,106 |
| <b>7710230</b> | 8791-13 | 13   | 16 | 8  | 34,5 | 32,0        | 0,106 |
| <b>7710310</b> | 8791-14 | 14   | 16 | 8  | 34,5 | 32,0        | 0,106 |
| <b>7710580</b> | 8791-15 | 15   | 16 | 8  | 34,5 | 32,0        | 0,116 |
| <b>7710660</b> | 8791-16 | 16   | 16 | 9  | 41,5 | 32,0        | 0,141 |
| <b>7710740</b> | 8791-17 | 17   | 16 | 9  | 41,5 | 32,0        | 0,141 |
| <b>7676970</b> | 8791-18 | 18   | 16 | 9  | 41,5 | 32,0        | 0,148 |
| <b>7710820</b> | 8791-19 | 19   | 16 | 10 | 45   | 32,0        | 0,157 |
| <b>7710900</b> | 8791-20 | 20   | 16 | 10 | 45   | 32,0        | 0,157 |
| <b>7677000</b> | 8791-21 | 21   | 16 | 10 | 45   | 32,0        | 0,18  |
| <b>7711040</b> | 8791-22 | 22   | 16 | 11 | 56   | 32,0        | 0,212 |
| <b>1977164</b> | 8791-23 | 23   | 16 | 11 | 56   | 32,0        | 0,216 |
| <b>7711120</b> | 8791-24 | 24   | 16 | 11 | 56   | 32,0        | 0,216 |
| <b>1552279</b> | 8791-25 | 25   | 16 | 11 | 56   | 32,0        | 0,22  |
| <b>1552287</b> | 8791-26 | 26   | 16 | 11 | 56   | 32,0        | 0,22  |
| <b>7711200</b> | 8791-27 | 27   | 16 | 12 | 60,5 | 32,0        | 0,22  |
| <b>1207008</b> | 8791-28 | 28   | 16 | 12 | 68   | 32,0        | 0,3   |
| <b>1552309</b> | 8791-29 | 29   | 16 | 12 | 68   | 32,0        | 0,3   |
| <b>7774710</b> | 8791-30 | 30   | 16 | 12 | 68   | 32,0        | 0,22  |
| <b>7774980</b> | 8791-32 | 32   | 16 | 12 | 68   | 32,0        | 0,22  |
| <b>1552317</b> | 8791-36 | 36   | 16 | 12 | 68   | 32,0        | 0,3   |



**8791 (AF)**  
 Open end fitting  
 16 Z


- > For solving difficult assembly problems
- > Journal holder diameter 16 mm

| Code    | No.          | AF      | Ø  | mm | mm   | Depth gauge | kg    |
|---------|--------------|---------|----|----|------|-------------|-------|
| 1211421 | 8791-1/4"    | 1/4"    | 16 | 5  | 20,5 | 32,0        | 0,09  |
| 7720030 | 8791-5/16"   | 5/16"   | 16 | 5  | 20,5 | 32,0        | 0,1   |
| 1211447 | 8791-3/8"    | 3/8"    | 16 | 7  | 29   | 32,0        | 0,1   |
| 7720110 | 8791-7/16"   | 7/16"   | 16 | 7  | 29   | 32,0        | 0,11  |
| 7720380 | 8791-1/2"    | 1/2"    | 16 | 8  | 34,5 | 32,0        | 0,122 |
| 7720460 | 8791-9/16"   | 9/16"   | 16 | 8  | 34,5 | 32,0        | 0,119 |
| 7720540 | 8791-5/8"    | 5/8"    | 16 | 9  | 41,5 | 32,0        | 0,142 |
| 7720620 | 8791-11/16"  | 11/16"  | 16 | 9  | 41,5 | 32,0        | 0,142 |
| 7720700 | 8791-3/4"    | 3/4"    | 16 | 10 | 45   | 32,0        | 0,156 |
| 1211439 | 8791-13/16"  | 13/16"  | 16 | 10 | 45   | 32,0        | 0,156 |
| 7720890 | 8791-7/8"    | 7/8"    | 16 | 11 | 56   | 32,0        | 0,216 |
| 7720970 | 8791-15/16"  | 15/16"  | 16 | 11 | 56   | 32,0        | 0,22  |
| 7721000 | 8791-1"      | 1"      | 16 | 11 | 56   | 32,0        | 0,22  |
| 7721190 | 8791-1.1/16" | 1.1/16" | 16 | 12 | 60,5 | 32,0        | 0,23  |
| 7721270 | 8791-1.1/8"  | 1.1/8"  | 16 | 12 | 68   | 32,0        | 0,23  |
| 7776170 | 8791-1.3/16" | 1.3/16" | 16 | 12 | 68   | 32,0        | 0,23  |
| 7776250 | 8791-1.1/4"  | 1.1/4"  | 16 | 12 | 68   | 32,0        | 0,23  |
| 7776330 | 8791-1.5/16" | 1.5/16" | 16 | 12 | 68   | 32,0        | 0,3   |

**8792 (MM)**  
 Ring end fitting 16 Z


- > For solving difficult assembly problems
- > Journal holder diameter 16 mm

| Code    | No.     | mm | Ø  | mm | mm   | Depth gauge | kg    |
|---------|---------|----|----|----|------|-------------|-------|
| 7775010 | 8792-07 | 7  | 16 | 8  | 15   | 32,0        | 0,095 |
| 7775280 | 8792-08 | 8  | 16 | 8  | 15   | 32,0        | 0,095 |
| 7775360 | 8792-09 | 9  | 16 | 8  | 15   | 32,0        | 0,1   |
| 7712600 | 8792-10 | 10 | 16 | 10 | 19,5 | 32,0        | 0,1   |
| 7712790 | 8792-11 | 11 | 16 | 10 | 19,5 | 32,0        | 0,1   |
| 7677190 | 8792-12 | 12 | 16 | 10 | 19,5 | 32,0        | 0,113 |
| 7712870 | 8792-13 | 13 | 16 | 12 | 23,5 | 32,0        | 0,113 |
| 7712950 | 8792-14 | 14 | 16 | 12 | 23,5 | 32,0        | 0,126 |
| 7713090 | 8792-15 | 15 | 16 | 12 | 23,5 | 32,0        | 0,126 |
| 7713170 | 8792-16 | 16 | 16 | 13 | 28,5 | 32,0        | 0,126 |
| 7713250 | 8792-17 | 17 | 16 | 13 | 28,5 | 32,0        | 0,13  |
| 7677270 | 8792-18 | 18 | 16 | 13 | 28,5 | 32,0        | 0,13  |
| 7713330 | 8792-19 | 19 | 16 | 14 | 31,5 | 32,0        | 0,132 |
| 7713410 | 8792-20 | 20 | 16 | 14 | 31,5 | 32,0        | 0,132 |
| 7677350 | 8792-21 | 31 | 16 | 14 | 31,5 | 32,0        | 0,132 |
| 7713680 | 8792-22 | 22 | 16 | 15 | 39,5 | 32,0        | 0,171 |
| 1211471 | 8792-23 | 23 | 16 | 15 | 39,5 | 32,0        | 0,181 |
| 7713760 | 8792-24 | 24 | 16 | 15 | 39,5 | 32,0        | 0,181 |
| 7713840 | 8792-27 | 27 | 16 | 16 | 41,5 | 32,0        | 0,181 |

**8792 (AF)**  
 Ring end fitting 16 Z


- > For solving difficult assembly problems
- > Journal holder diameter 16 mm

| Code    | No.          | AF      | Ø  | mm | mm   | Depth gauge | kg    |
|---------|--------------|---------|----|----|------|-------------|-------|
| 1211455 | 8792-1/4"    | 1/4"    | 16 | 8  | 15   | 32,0        | 0,1   |
| 7721350 | 8792-5/16"   | 5/16"   | 16 | 8  | 15   | 32,0        | 0,1   |
| 1211498 | 8792-3/8"    | 3/8"    | 16 | 10 | 19,5 | 32,0        | 0,1   |
| 7721430 | 8792-7/16"   | 7/16"   | 16 | 10 | 19,5 | 32,0        | 0,1   |
| 7721510 | 8792-1/2"    | 1/2"    | 16 | 12 | 23,5 | 32,0        | 0,114 |
| 7721780 | 8792-9/16"   | 9/16"   | 16 | 12 | 23,5 | 32,0        | 0,1   |
| 7721860 | 8792-5/8"    | 5/8"    | 16 | 13 | 28,5 | 32,0        | 0,128 |
| 7721940 | 8792-11/16"  | 11/16"  | 16 | 13 | 28,5 | 32,0        | 0,128 |
| 7722080 | 8792-3/4"    | 3/4"    | 16 | 14 | 31,5 | 32,0        | 0,139 |
| 1211463 | 8792-13/16"  | 13/16"  | 16 | 13 | 28,5 | 32,0        | 0,16  |
| 7722160 | 8792-7/8"    | 7/8"    | 16 | 15 | 39,5 | 32,0        | 0,173 |
| 7722240 | 8792-15/16"  | 15/16"  | 16 | 15 | 39,5 | 32,0        | 0,18  |
| 7722320 | 8792-1"      | 1"      | 16 | 15 | 39,5 | 32,0        | 0,18  |
| 7722400 | 8792-1.1/16" | 1.1/16" | 16 | 16 | 41,5 | 32,0        | 0,18  |

**8797**  
Flared end fitting  
16 Z



> For solving difficult assembly problems,  
easy to replace

> Journal holder diameter 16 mm

| Code           | No.     | mm | Ø  | mm | mm   | max. N-m | Opening width slot | Depth gauge | kg   |
|----------------|---------|----|----|----|------|----------|--------------------|-------------|------|
| <b>1211587</b> | 8797-07 | 7  | 16 | 8  | 15   | 7,0      | 5,5                | 32,0        | 0,08 |
| <b>1211595</b> | 8797-08 | 8  | 16 | 8  | 15   | 6,5      | 6                  | 32,0        | 0,08 |
| <b>1211625</b> | 8797-10 | 10 | 16 | 10 | 19,5 | 26,0     | 7                  | 32,0        | 0,1  |
| <b>1211641</b> | 8797-12 | 12 | 16 | 10 | 19,5 | 13,0     | 9                  | 32,0        | 0,12 |

**8756**  
End fitting  
16 Z



> For solving difficult  
assembly problems  
> Journal holder  
diameter 16 mm

| Code           | No.     | mm | Ø  | Gauge | kg    |
|----------------|---------|----|----|-------|-------|
| <b>7773740</b> | 8756-03 | 3  | 16 | 32,0  | 0,098 |
| <b>7773820</b> | 8756-04 | 4  | 16 | 32,0  | 0,103 |
| <b>7773900</b> | 8756-05 | 5  | 16 | 32,0  | 0,106 |
| <b>7774040</b> | 8756-06 | 6  | 16 | 32,0  | 0,108 |
| <b>7774120</b> | 8756-08 | 8  | 16 | 36,0  | 0,116 |

**8754**  
Ratchet head  
16 Z



> Ratchet in 3/8" or 1/2"  
> Journal holder diameter  
16 mm  
> 3/8" = 135 N-m conti-  
nuous load capacity  
> 1/2" = 340 N-m conti-  
nuous load capacity

| Code           | No.     | "    | "    | Ø  | Type                | Depth gauge | Permanent load<br>capacity | kg   |
|----------------|---------|------|------|----|---------------------|-------------|----------------------------|------|
| <b>7711980</b> | 8754-01 | 3/8" | 10   | 16 | Push-through square | 32,0        | 3/8" = 135 N-m             | 0,17 |
| <b>7712010</b> | 8754-02 | 1/2" | 12,5 | 16 | Rectangular cavity  | 32,0        | 1/2" = 340 N-m             | 0,27 |

**8790 - 8793**  
Fixed square head  
16 Z



> solid square  
> Journal holder diameter  
16 mm  
> 3/8" to 135 N-m conti-  
nuous load capacity  
> 1/2" to 340 N-m conti-  
nuous load capacity

| Code           | No.     | "    | "    | Ø  | Depth gauge | Continuous load | kg    |
|----------------|---------|------|------|----|-------------|-----------------|-------|
| <b>7709490</b> | 8790-00 | 3/8" | 10   | 16 | 32,0        | 3/8" = 135 N-m  | 0,159 |
| <b>7709570</b> | 8793-00 | 1/2" | 12,5 | 16 | 32,0        | 1/2" = 340 N-m  | 0,174 |

**8795**  
Open end fitting  
22 Z



> For solving difficult  
assembly problems  
> Journal holder  
diameter 22 mm

| Code           | No.     | mm | Ø  | mm   | Depth gauge | kg   |
|----------------|---------|----|----|------|-------------|------|
| <b>7707010</b> | 8795-22 | 22 | 22 | 52   | 32,0        | 0,33 |
| <b>7707280</b> | 8795-24 | 24 | 22 | 22   | 32,0        | 0,32 |
| <b>7707360</b> | 8795-27 | 27 | 22 | 64   | 32,0        | 0,38 |
| <b>7707440</b> | 8795-30 | 30 | 22 | 64   | 32,0        | 0,37 |
| <b>7707520</b> | 8795-32 | 32 | 22 | 75,5 | 32,0        | 0,45 |
| <b>7677430</b> | 8795-34 | 34 | 22 | 75,5 | 32,0        | 0,43 |
| <b>7707600</b> | 8795-36 | 36 | 22 | 75,5 | 32,0        | 0,43 |
| <b>7707790</b> | 8795-41 | 41 | 22 | 94   | 32,0        | 0,58 |
| <b>7707870</b> | 8795-46 | 46 | 22 | 94   | 32,0        | 0,53 |

**8796**  
 Ring end fitting  
 22 Z


- > For solving difficult assembly problems
- > Journal holder diameter 22 mm

| Code           | No.     | mm | Ø  | mm | mm   | Depth gauge | kg   |
|----------------|---------|----|----|----|------|-------------|------|
| <b>7707950</b> | 8796-22 | 22 | 22 | 15 | 38   | 56,0        | 0,35 |
| <b>7708090</b> | 8796-24 | 24 | 22 | 15 | 38   | 56,0        | 0,33 |
| <b>7708170</b> | 8796-27 | 27 | 22 | 17 | 46,5 | 56,0        | 0,37 |
| <b>7708250</b> | 8796-30 | 30 | 22 | 17 | 46,5 | 56,0        | 0,35 |
| <b>7708330</b> | 8796-32 | 32 | 22 | 20 | 54   | 56,0        | 0,42 |
| <b>7677510</b> | 8796-34 | 34 | 22 | 20 | 54   | 56,0        | 0,42 |
| <b>7708410</b> | 8796-36 | 36 | 22 | 20 | 54   | 56,0        | 0,39 |
| <b>7708680</b> | 8796-41 | 41 | 22 | 22 | 68   | 56,0        | 0,56 |
| <b>7708760</b> | 8796-46 | 46 | 22 | 22 | 68   | 56,0        | 0,52 |

**8794**  
 Fixed square head  
 22 Z


- > solid square
- > 3/4" to 850 N-m continuous load capacity
- > Journal holder diameter 22 mm

| Code           | No.     | "    | Ø  | Depth gauge | Permanent load capacity | kg             |       |
|----------------|---------|------|----|-------------|-------------------------|----------------|-------|
| <b>7708840</b> | 8794-00 | 3/4" | 20 | 22          | 56,0                    | 3/4" = 850 N-m | 0,558 |

**8794**  
 Ratchet head  
 22 Z


- > For solving difficult assembly problems
- > Journal holder diameter 22 mm
- > 3/4" max continuous load 850 N-m

| Code           | No.     | "    | Ø  | Type | Depth gauge            | Permanent load capacity | kg             |       |
|----------------|---------|------|----|------|------------------------|-------------------------|----------------|-------|
| <b>2961385</b> | 8794-02 | 3/4" | 20 | 22   | Rectangular cavity     | 56,0                    | 3/4" = 850 N-m | 1,011 |
| <b>1427318</b> | 8794-03 | 3/4" | 20 | 22   | Square socket with pin | 56,0                    | 3/4" = 850 N-m | 0,95  |

**8798**  
 Open end fitting  
 28 Z


- > For solving difficult assembly problems
- > Journal holder diameter 28 mm
- > Special sizes available on request

| Code           | No.     | mm | Ø  | mm   | mm    | Depth gauge | kg  |
|----------------|---------|----|----|------|-------|-------------|-----|
| <b>1565346</b> | 8798-36 | 36 | 28 | 16   | 77,5  | 75,0        | 1,9 |
| <b>1565354</b> | 8798-41 | 41 | 28 | 19,5 | 89    | 75,0        | 1,9 |
| <b>1565362</b> | 8798-46 | 46 | 28 | 20   | 99    | 75,0        | 1,9 |
| <b>1565370</b> | 8798-50 | 50 | 28 | 21,5 | 108   | 75,0        | 1,9 |
| <b>1565389</b> | 8798-55 | 55 | 28 | 24,5 | 118,5 | 75,0        | 2,1 |
| <b>1565397</b> | 8798-60 | 60 | 28 | 24,5 | 129,5 | 75,0        | 2,1 |
| <b>1565400</b> | 8798-65 | 65 | 28 | 28   | 140,5 | 75,0        | 2,4 |
| <b>1565419</b> | 8798-70 | 70 | 28 | 30   | 151   | 75,0        | 2,9 |
| <b>1565427</b> | 8798-75 | 75 | 28 | 31,5 | 163   | 100,0       | 4   |

**8799**  
 Ring end fitting  
 28 Z


- > For solving difficult assembly problems
- > Journal holder diameter 28 mm
- > Special sizes available on request

| Code           | No.     | mm | Ø  | mm   | mm  | Depth gauge | kg  |
|----------------|---------|----|----|------|-----|-------------|-----|
| <b>1565494</b> | 8799-36 | 36 | 28 | 19,5 | 60  | 75,0        | 1,6 |
| <b>1565508</b> | 8799-41 | 41 | 28 | 20,5 | 66  | 75,0        | 1,8 |
| <b>1565516</b> | 8799-46 | 46 | 28 | 22,5 | 75  | 75,0        | 2,1 |
| <b>1565524</b> | 8799-50 | 50 | 28 | 23,5 | 75  | 75,0        | 1,4 |
| <b>1565532</b> | 8799-55 | 55 | 28 | 25   | 88  | 75,0        | 2,4 |
| <b>1565540</b> | 8799-60 | 60 | 28 | 26   | 94  | 75,0        | 2,5 |
| <b>1565559</b> | 8799-65 | 65 | 28 | 29   | 101 | 75,0        | 2,9 |
| <b>1565567</b> | 8799-70 | 70 | 28 | 32,5 | 110 | 75,0        | 2   |
| <b>1565575</b> | 8799-75 | 75 | 28 | 34   | 117 | 75,0        | 4,5 |
| <b>1565583</b> | 8799-80 | 80 | 28 | 35   | 123 | 75,0        | 4,8 |

**8794**  
 Ratchet head  
 28 Z


- > For solving difficult assembly problems
- > Journal holder diameter 28 mm
- > 3/4" up to 1000 N-m continuous load capacity

| Code           | No.     | "    | Ø  | Type | Depth gauge            | Permanent load capacity | kg              |     |
|----------------|---------|------|----|------|------------------------|-------------------------|-----------------|-----|
| <b>1566032</b> | 8794-05 | 3/4" | 20 | 28   | Square socket with pin | 75,0                    | 3/4" = 1000 N-m | 1,8 |

### 7112

Rectangular  
open end fitting  
9x12



- > For solving difficult assembly problems
- > SE recording 9x12

| Code    | No.     | mm | mm     | mm  | mm   | Depth gauge | kg    |
|---------|---------|----|--------|-----|------|-------------|-------|
| 7688390 | 7112-07 | 7  | 9 x 12 | 5,5 | 20   | 17,5        | 0,035 |
| 7688550 | 7112-08 | 8  | 9 x 12 | 5,5 | 21,5 | 17,5        | 0,035 |
| 7679050 | 7112-09 | 9  | 9 x 12 | 5,5 | 23   | 17,5        | 0,035 |
| 7688630 | 7112-10 | 10 | 9 x 12 | 5,5 | 24,5 | 17,5        | 0,04  |
| 7688980 | 7112-11 | 11 | 9 x 12 | 5,5 | 26   | 17,5        | 0,03  |
| 7679560 | 7112-12 | 12 | 9 x 12 | 5,5 | 27,5 | 17,5        | 0,035 |
| 7689010 | 7112-13 | 13 | 9 x 12 | 5,5 | 29   | 17,5        | 0,035 |
| 7689360 | 7112-14 | 14 | 9 x 12 | 7,5 | 31   | 20,0        | 0,04  |
| 7689440 | 7112-15 | 15 | 9 x 12 | 7,5 | 33   | 20,0        | 0,04  |
| 7679990 | 7112-16 | 16 | 9 x 12 | 7,5 | 35   | 20,0        | 0,045 |
| 7689600 | 7112-17 | 17 | 9 x 12 | 7,5 | 37   | 20,0        | 0,05  |
| 7684560 | 7112-18 | 18 | 9 x 12 | 7,5 | 39   | 20,0        | 0,06  |
| 7689790 | 7112-19 | 19 | 9 x 12 | 7,5 | 41   | 20,0        | 0,06  |

### 7212

Rectangular  
ring end fitting  
9x12



- > For solving difficult assembly problems
- > SE recording 9x12

| Code    | No.     | mm | mm     | mm | Depth gauge | kg    |
|---------|---------|----|--------|----|-------------|-------|
| 7691340 | 7212-07 | 7  | 9 x 12 | 8  | 17,5        | 0,03  |
| 7691420 | 7212-08 | 8  | 9 x 12 | 8  | 17,5        | 0,03  |
| 7691690 | 7212-10 | 10 | 9 x 12 | 8  | 17,5        | 0,03  |
| 7691770 | 7212-11 | 11 | 9 x 12 | 8  | 17,5        | 0,03  |
| 7677940 | 7212-12 | 12 | 9 x 12 | 12 | 17,5        | 0,035 |
| 7691930 | 7212-13 | 13 | 9 x 12 | 12 | 17,5        | 0,035 |
| 7692230 | 7212-14 | 14 | 9 x 12 | 12 | 17,5        | 0,04  |
| 7692580 | 7212-15 | 15 | 9 x 12 | 12 | 17,5        | 0,04  |
| 7678080 | 7212-16 | 16 | 9 x 12 | 13 | 17,5        | 0,04  |
| 7692740 | 7212-17 | 17 | 9 x 12 | 13 | 17,5        | 0,04  |
| 7678160 | 7212-18 | 18 | 9 x 12 | 13 | 17,5        | 0,04  |
| 7692820 | 7212-19 | 19 | 9 x 12 | 13 | 17,5        | 0,04  |
| 7678240 | 7212-21 | 21 | 9 x 12 | 15 | 17,5        | 0,05  |
| 7693040 | 7212-22 | 22 | 9 x 12 | 15 | 17,5        | 0,05  |

### 7312

Rectangular  
flared end fitting  
9x12



- > For solving difficult assembly problems
- > SE recording 9x12

| Code    | No.     | mm | mm     | mm | mm   | Opening width Slot | Depth gauge | kg    |
|---------|---------|----|--------|----|------|--------------------|-------------|-------|
| 7685290 | 7312-10 | 10 | 9 x 12 | 12 | 21   | 7,3                | 17,5        | 0,04  |
| 7685370 | 7312-11 | 11 | 9 x 12 | 12 | 22,5 | 8,7                | 17,5        | 0,04  |
| 7699590 | 7312-12 | 12 | 9 x 12 | 12 | 24   | 9                  | 17,5        | 0,04  |
| 7679210 | 7312-13 | 13 | 9 x 12 | 12 | 25   | 10                 | 17,5        | 0,04  |
| 7679480 | 7312-14 | 14 | 9 x 12 | 13 | 27   | 11                 | 17,5        | 0,05  |
| 7685880 | 7312-17 | 17 | 9 x 12 | 13 | 31,5 | 14                 | 17,5        | 0,065 |
| 7679640 | 7312-18 | 18 | 9 x 12 | 15 | 33   | 14,7               | 17,5        | 0,065 |
| 7686260 | 7312-19 | 19 | 9 x 12 | 15 | 34,5 | 15,3               | 17,5        | 0,065 |
| 7679720 | 7312-22 | 22 | 9 x 12 | 15 | 39   | 17                 | 17,5        | 0,065 |

### 7412

Rectangular  
reversible ratchet head  
9x12



- > For solving difficult assembly problems
- > SE recording 9x12
- > Return angle 5°
- > 1/4" to 30 N-m continuous load capacity
- > 3/8" to 135 N-m continuous load capacity
- > 1/2" to 150 N-m continuous load capacity

| Code    | No.     | "    | mm   | mm     | mm | mm   | Depth gauge | Continuous load | kg             |      |
|---------|---------|------|------|--------|----|------|-------------|-----------------|----------------|------|
| 7672710 | 7412-00 | 1/4" | 6,3  | 9 x 12 | 5  | 16,6 | 25          | 17,5            | 1/4" = 30 N-m  | 0,06 |
| 7686500 | 7412-01 | 3/8" | 10   | 9 x 12 | 5  | 23,2 | 34          | 17,5            | 3/8" = 135 N-m | 0,14 |
| 7687230 | 7412-02 | 1/2" | 12,5 | 9 x 12 | 5  | 24,2 | 34          | 17,5            | 1/2" = 150 N-m | 0,15 |

**7612**

Rectangular fixed square head 9x12



- > For solving difficult assembly problems
- > SE recording 9x12
- > 1/4" to 30 N-m continuous load capacity
- > 3/8" to 135 N-m continuous load capacity
- > 1/2" to 150 N-m continuous load capacity

| Code           | No.     | 1/4" | 3/8" | 1/2"   | mm | mm | mm   | Depth gauge  | Continuous load | kg |
|----------------|---------|------|------|--------|----|----|------|--------------|-----------------|----|
| <b>7672630</b> | 7612-00 | 1/4" | 6,3  | 9 x 12 | 14 | 20 | 17,5 | 1/4"/30 N-m  | 0,07            |    |
| <b>7679800</b> | 7612-01 | 3/8" | 10   | 9 x 12 | 14 | 20 | 17,5 | 3/8"/135 N-m | 0,07            |    |
| <b>7687900</b> | 7612-02 | 1/2" | 12,5 | 9 x 12 | 14 | 20 | 17,5 | 1/2"/150 N-m | 0,08            |    |

**7812**

Rectangular-bit-holder 9x12



- > For solving difficult assembly problems
- > SE recording 9x12

| Code           | No.     | 1/4"  | 3/8" | 1/2"   | mm   | mm | mm   | Depth gauge | kg    |
|----------------|---------|-------|------|--------|------|----|------|-------------|-------|
| <b>2101645</b> | 7812-10 | 1/4"  | 6,3  | 9 x 12 | 10   | 14 | 17,5 |             | 0,04  |
| <b>7697970</b> | 7812-00 | 5/16" | 8,0  | 9 x 12 | 12,5 | 16 | 17,5 |             | 0,052 |

**7912**

Weld-on plug-in piece 9x12



- > For solving difficult assembly problems
- > Bear the depth gauges in mind

| Code           | No.     | mm | mm     | mm   | mm | mm  | Depth gauge | kg    |
|----------------|---------|----|--------|------|----|-----|-------------|-------|
| <b>7698190</b> | 7912-00 | 14 | 9 x 12 | 14,5 | 19 | 8,0 |             | 0,029 |

**SUKSE**

Rectangular ring ratchet spanner reversible 9x12



- > UD profile, fine toothed
- > Switch lever for right/left rotation
- > To operate with a 9x12 mm torque wrench or rectangular handle 9x12 mm

| Code           | No.       | mm | mm     | mm | h    | b    | Depth gauge | kg   |
|----------------|-----------|----|--------|----|------|------|-------------|------|
| <b>2827735</b> | SUKSE9 10 | 10 | 9 x 12 | 7  | 7,7  | 21   | 40,0        | 0,07 |
| <b>2827743</b> | SUKSE9 13 | 13 | 9 x 12 | 7  | 9    | 25,7 | 42,0        | 0,09 |
| <b>2827751</b> | SUKSE9 17 | 17 | 9 x 12 | 6  | 10,6 | 33,6 | 45,0        | 0,13 |
| <b>2827778</b> | SUKSE9 19 | 19 | 9 x 12 | 6  | 11,7 | 36,3 | 52,0        | 0,15 |

**AGSE9**

Plug-in pick-up handle SE 9x12



- > For insert tools 9x12
- > Without torque function

> Max. Continuous load capacity 150 N-m

| Code           | No.   | mm     | L   | h    | b  | kg   |
|----------------|-------|--------|-----|------|----|------|
| <b>2827786</b> | AGSE9 | 9 x 12 | 267 | 18,5 | 22 | 0,32 |

**7118**

Rectangular open end fitting 14x18



- > For solving difficult assembly problems
- > SE recording 14x18

| Code           | No.     | mm | mm      | mm | mm   | mm   | Depth gauge | kg    |
|----------------|---------|----|---------|----|------|------|-------------|-------|
| <b>7689870</b> | 7118-13 | 13 | 14 x 18 | 7  | 30   | 25,0 |             | 0,12  |
| <b>7690020</b> | 7118-14 | 14 | 14 x 18 | 7  | 32   | 25,0 |             | 0,12  |
| <b>7690100</b> | 7118-15 | 15 | 14 x 18 | 7  | 34   | 25,0 |             | 0,12  |
| <b>7685610</b> | 7118-16 | 16 | 14 x 18 | 9  | 35,5 | 25,0 |             | 0,125 |
| <b>7690370</b> | 7118-17 | 17 | 14 x 18 | 9  | 37   | 25,0 |             | 0,13  |
| <b>7686180</b> | 7118-18 | 18 | 14 x 18 | 9  | 39   | 25,0 |             | 0,13  |
| <b>7690450</b> | 7118-19 | 19 | 14 x 18 | 9  | 41   | 25,0 |             | 0,13  |

| Code    | No.     | mm | mm      | mm | mm   | Depth gauge | kg    |
|---------|---------|----|---------|----|------|-------------|-------|
| 7686420 | 7118-21 | 21 | 14 x 18 | 11 | 45   | 25,0        | 0,155 |
| 7690610 | 7118-22 | 22 | 14 x 18 | 11 | 47   | 25,0        | 0,15  |
| 7690880 | 7118-24 | 24 | 14 x 18 | 11 | 51   | 25,0        | 0,17  |
| 7690960 | 7118-27 | 27 | 14 x 18 | 13 | 58,5 | 25,0        | 0,185 |
| 2212285 | 7118-29 | 29 | 14 x 18 | 13 | 63   | 25,0        | 0,22  |
| 7691260 | 7118-30 | 30 | 14 x 18 | 13 | 67,5 | 25,0        | 0,22  |
| 7687740 | 7118-32 | 32 | 14 x 18 | 13 | 67,5 | 25,0        | 0,22  |
| 1963708 | 7118-34 | 34 | 14 x 18 | 15 | 74   | 25,0        | 0,255 |
| 1963716 | 7118-36 | 36 | 14 x 18 | 15 | 78   | 25,0        | 0,257 |
| 1963724 | 7118-41 | 41 | 14 x 18 | 15 | 82   | 25,0        | 0,261 |

### 7218

Rectangular ring end fitting 14x18



- > For solving difficult assembly problems
- > SE recording 14x18

| Code    | No.     | mm | mm      | mm   | mm   | Depth gauge | kg    |
|---------|---------|----|---------|------|------|-------------|-------|
| 7693120 | 7218-13 | 13 | 14 x 18 | 12   | 21,5 | 25,0        | 0,12  |
| 7693390 | 7218-14 | 14 | 14 x 18 | 12   | 23   | 25,0        | 0,12  |
| 7693470 | 7218-15 | 15 | 14 x 18 | 12   | 24,2 | 25,0        | 0,115 |
| 7678320 | 7218-16 | 16 | 14 x 18 | 12   | 25,7 | 25,0        | 0,125 |
| 7693630 | 7218-17 | 17 | 14 x 18 | 12   | 27,2 | 25,0        | 0,125 |
| 7678830 | 7218-18 | 18 | 14 x 18 | 12   | 28,5 | 25,0        | 0,125 |
| 7693710 | 7218-19 | 19 | 14 x 18 | 12   | 30,5 | 25,0        | 0,125 |
| 7678910 | 7218-21 | 21 | 14 x 18 | 15   |      | 25,0        | 0,14  |
| 7693980 | 7218-22 | 22 | 14 x 18 | 15   |      | 25,0        | 0,14  |
| 7694280 | 7218-24 | 24 | 14 x 18 | 15   |      | 25,0        | 0,14  |
| 7694440 | 7218-27 | 27 | 14 x 18 | 17,5 |      | 31,0        | 0,15  |
| 7694790 | 7218-30 | 30 | 14 x 18 | 17,5 |      | 31,0        | 0,16  |
| 7695920 | 7218-32 | 32 | 14 x 18 | 17,5 |      | 31,0        | 0,165 |
| 7679130 | 7218-34 | 34 | 14 x 18 | 19   |      | 31,0        | 0,195 |
| 7696220 | 7218-36 | 36 | 14 x 18 | 19   |      | 31,0        | 0,195 |
| 7696300 | 7218-41 | 41 | 14 x 18 | 19   |      | 31,0        | 0,225 |

### 7418

Rectangular reversible ratchet head 14x18



- > For solving difficult assembly problems
- > SE recording 14x18
- > Return angle 7°
- > 1/2" to 340 N-m continuous load capacity
- > 3/4" to 400 N-m continuous load capacity

| Code    | No.     | "    | mm   | mm      | mm  | mm   | Depth gauge | Continuous load | kg    |
|---------|---------|------|------|---------|-----|------|-------------|-----------------|-------|
| 7687580 | 7418-02 | 1/2" | 12,5 | 14 x 18 | 7,2 | 28,8 | 25,0        | 1/2" = 340 N-m  | 0,363 |
| 7687660 | 7418-04 | 3/4" | 20   | 14 x 18 | 7,2 | 35,5 | 25,0        | 3/4" = 400 N-m  | 0,79  |

### 7618

Rectangular fixed square head 14x18



- > For solving difficult assembly problems
- > SE recording 14x18
- > 1/2" to 340 N-m continuous load capacity
- > 3/4" to 400 N-m continuous load capacity

| Code    | No.     | "    | mm   | mm      | mm | mm   | Depth gauge | Continuous load | kg    |
|---------|---------|------|------|---------|----|------|-------------|-----------------|-------|
| 7688040 | 7618-02 | 1/2" | 12,5 | 14 x 18 | 18 | 25,0 |             | 1/2" = 340 N-m  | 0,206 |
| 7688200 | 7618-04 | 3/4" | 20   | 14 x 18 | 25 | 33,0 |             | 3/4" = 400 N-m  | 0,398 |

### 7918

Weld-on plug-in piece 14x18



- > For solving difficult assembly problems
- > SE recording 14x18
- > For special tools observe the gauge

| Code    | No.     | mm | mm      | mm   | mm | Depth gauge | kg    |
|---------|---------|----|---------|------|----|-------------|-------|
| 7698430 | 7918-00 | 25 | 14 x 18 | 21,5 | 26 | 12,0        | 0,103 |



# TORQUE MULTIPLIERS

The name says it all: The GEDORE torque multipliers in the DREMOPLUS ALU series are reliable and greatly reduce the wrench length and force required by the user.



In mechanical and plant engineering, heavy industry, construction industry, ship, aircraft, railway and power stations - applications which a multiple of the torque that the user can apply is often required. This is where GEDORE's mechanical, hand-operated torque multipliers and reaction arms are the perfect solution.

When tightening and loosening, the safety slip release mechanism with overload protection is the main feature. At 10% overload, it releases and seamlessly re-engages. The mechanism, including the low-backlash two-stage planetary gear, is packed in a light and slim housing made of high-performance aluminium. This makes torque multipliers around 30% lighter and durable than models with steel housings - and really power packs.



## CHOOSING THE RIGHT TORQUE ASSEMBLY TOOL FOR SCREWS AND NUTS

- It is vital that use is made of a torque wrench complete with ratchet function (integrated or separate) for torque multipliers without anti-wind-up ratchet
- For models with an anti-wind-up ratchet, we recommend the use of torque tools complete with ratchet function (integrated or separate) - for ease of working

RELIABLE,  
COMPACT AND  
DURABLE



#### GEDORE DREMOPLUS ALU MAKES THE DIFFERENCE



- Delivery incl. factory test certificate
- Lightweight, robust tools
- Reliable accuracy for all applications with repeatability of +/-3 %



- Torque settings and individual tool components are fully traceable
- Minimised impact on the tooth flanks in the low-backlash planetary gearbox
- Precise matching of components
- Integrated safety overload protection



#### SAFETY PLUS

- Convenient and safe working - perfect for confined spaces or where access is limited
- Repetition-accurate and precise results ensure a maximum degree of safety
- High degree of resilience and long life of the appliances attributable to a lowbacklash planet gear with Ceramic-Teflon® coating
- A 30 % + lighter steel housing thanks to the use of high-performance aluminium
- Precise, reliable figures - even under extreme climatic conditions
- The most common INPUT/OUTPUT torques are displayed on the torque multiplier

# i WORKING PRINCIPLE

## TORQUE - VELOCITY

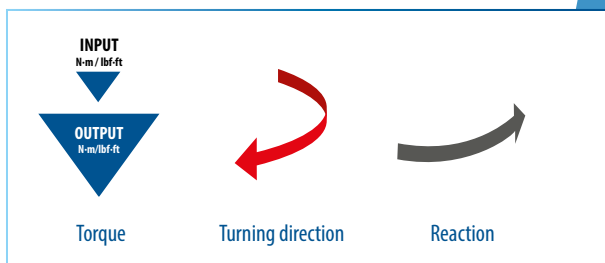
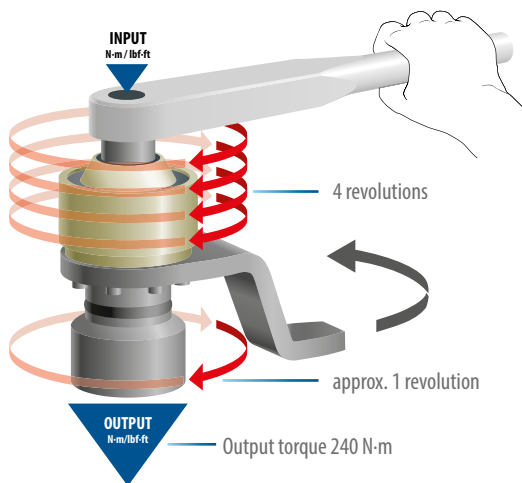
The chart representation elucidates the principle of torque multiplication. Let us assume a 60 N-m input torque and a 240 N-m output torque.

At a 1:4 ratio, 4 revolutions are needed at the input for 1 revolution with a 240 N-m torque to be obtained at the output.

This is substantiated in terms of the physical formula:  
**Power = torque x revolution**

With gear efficiency deducted, the output power is to be considered as a constant equal to the input power. Thus multiplication of the torque can only be obtained from an increased number of revolutions at the input.

## INPUT TORQUE WITH TORQUE WRENCH 60 N-M

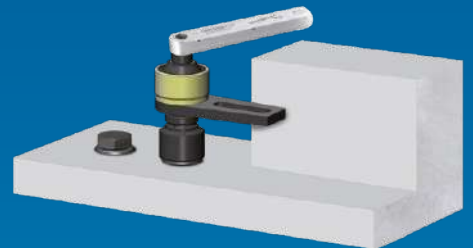


## FORCE AND REACTION

When working with a torque multiplier, torsion wind-up is built up in the gear when the screw is tightened. This stress must be reduced. A reaction absorbed by reaction arm and abutment is produced.

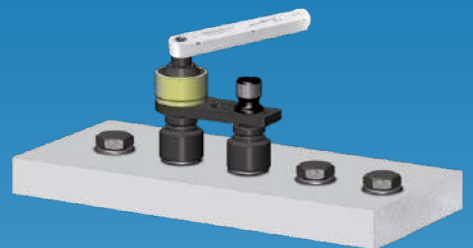
### L-FORM REACTION ARM WITHOUT ADJUSTABLE REACTION SQUARE

The reaction acts on the wall. Is possible, but the tilting moment which arises causes the max. permitted torque to drop by 20 %.



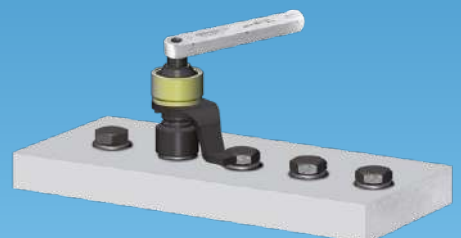
### L-FORM REACTION ARM WITH ADJUSTABLE REACTION SQUARE

The reaction acts on the adjacent impact socket.



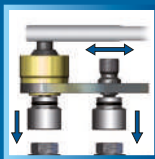
### REACTION ARM IN Z-FORM

The reaction acts on the adjacent screw connection

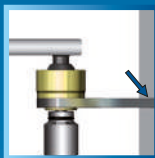


# i REACTION ARM

## L-FORM



- This straight reaction arm with adjustable reaction square is admirably suited for flange screw connections.
- The L-form reaction arm has in terms of support a larger radius than the Z-Form.



The L-form is also ideal for those points above the screwtightening level. However, the resulting tilting moment causes the max. permitted torque to drop by 20 %.

## Z-FORM



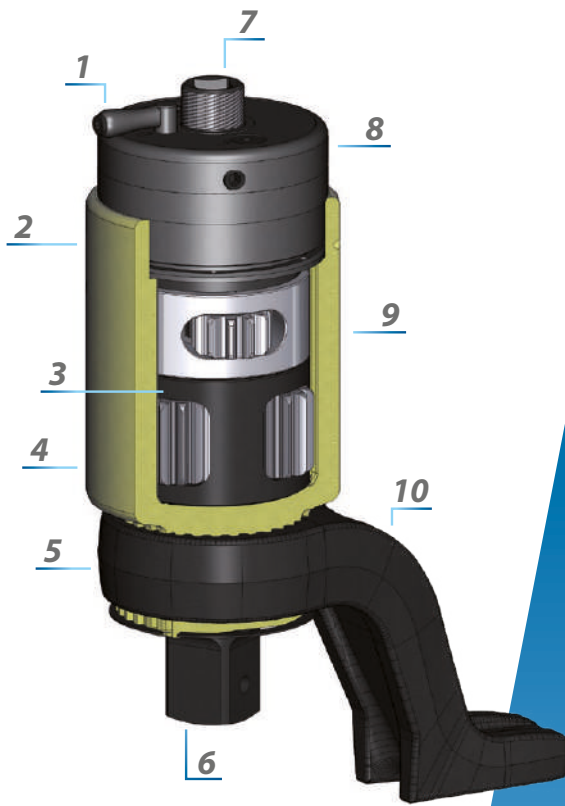
- A flexible off set reaction arm which has proved itself as the standard solution.
- Supporting situations are, for instance, adjoining screws, walls, machine parts and other stable abutments.
- This reaction arm can be ideally used where conditions are quite cramped.





# **i** DREMOPLUS ALU FAMILY 1

DVV-40Z, DVV-40ZRS – DVV-540RS



- 1** Convenient: Integrated "RS" anti-wind-up ratchet for safe working. Bi-directional (apart from model DVV-40Z)
- 2** Lightweight and slim: High-performance aluminium housing is 30 % lighter than a steel one
- 3** Low backlash, 2-stage planet gear for a long service life
- 4** Stable, shuttle-impacted gear housing
- 5** Flexible: With detachable Z-form reaction arm, can be optionally retrofitted with L-form reaction arm and adjustable reaction square
- 6** A 1", 1.1/2" or 2.1/2" output square with drill hole for impact sockets with safety pin and ring
- 7** 1/2" or 3/4" input square
- 8** Overload safety mechanism: Non-destructive overload safety mechanism - "Slipper" - filed as a patent. Triggers overload at 10% and again clicks into place. Clockwise and anti-clockwise
- 9** A coating of the tooth flanks consisting of ceramic and teflon enables the gear to be constantly lubricated with a minimum of grease
- 10** A Z-form forged reaction arm of chromevanadium steel absorbs any countering force that arises. **Optional: L-form reaction arm on request**

## 100% QUALITY CHECK

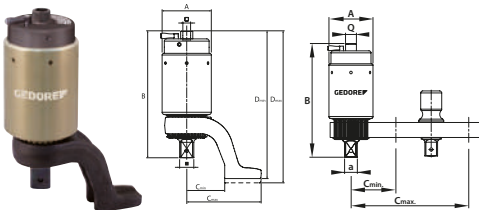
- Delivery including factory test certificate
- The most common INPUT/OUTPUT torques on the torque multiplier




| INPUT |        | OUTPUT |        |
|-------|--------|--------|--------|
| N.m   | lbf-ft | N.m    | lbf-ft |
| 35.8  | 8.0    | 800    | 40     |
| 46.3  | 10.7   | 800    | 70     |
| 57.2  | 30.5   | 800    | 150    |
| 64.8  | 43.3   | 900    | 200    |
| 74.7  | 60.3   | 1000   | 300    |
| 81.0  | 66.8   | 1100   | 350    |
| 91.9  | 85.4   | 1200   | 400    |
| 96.5  | 115.9  | 1320   | 550    |
| 107.3 | 132.5  | 1500   | 600    |
| 117.6 | 148.6  | 1650   | 700    |
| 125.0 | 162.5  | 1700   | 750    |
| 139.8 | 171.1  | 2000   | 800    |
| 145.7 | 190.4  | 2100   | 850    |
| 150.2 | 190.4  | 2200   | 900    |
| 166.9 | 200.1  | 2500   | 920    |
| 205.8 | 210.8  | 3000   | 950    |
| 259.8 | 200.1  | 3500   | 920    |
| 293.0 | 210.8  | 4000   | 950    |

## DVV-40Z - DVV-40ZRS

Torque Multiplier  
DREMOPLUS ALU  
4000 N·m / 2930 lbf·ft




- > Controlled screw tightening and loosening
- > High-performance aluminium housing
- > Transmission ratio 1:16
- > DVV-40ZRS model with anti-wind-up ratchet (RS)
- > Non-destructive overload protection "Slipper" to protect the gearbox, right and left hand

- > Z-form, offset reaction arm depending on model made of chrome-vanadium steel
- > Better than +/- 3 % accuracy
- > To operate with a suitable torque wrench

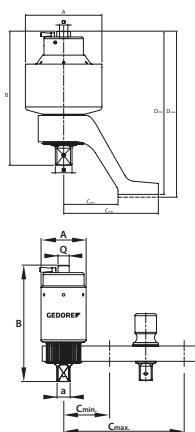
| Code    | No.       | max. N·m Output | max. lbf·ft Output | Reaction arm   | ⚙️   | □ " C | ■ " D | A  | B   | C min | C max | D min | D max | max. N·m Input | max. lbf·ft Input | ⚖️  |
|---------|-----------|-----------------|--------------------|----------------|------|-------|-------|----|-----|-------|-------|-------|-------|----------------|-------------------|-----|
| 2653087 | DVV-40Z   | 4000            | 2390               | Z-form, offset | 1:16 | 1/2"  | 1"    | 88 | 212 | 68    | 133   | 250   | 256   | 300            | 220               | 3,9 |
| 2653109 | DVV-40ZRS | 4000            | 2390               | Z-form, offset | 1:16 | 1/2"  | 1"    | 88 | 227 | 68    | 133   | 264   | 270   | 310            | 230               | 4,2 |

## OPTIONAL ACCESSORIES:

| Code    | No.      | Designation                                | C min | C max |  |
|---------|----------|--|-------|-------|---|
| 2653176 | RZ-DVV40 | Reaction arm Z-form offset for DVV40       | 68    | 133   | 1,5   |
| 2653184 | RL-DVV40 | Reaction arm L-form straight for DVV40, 1" | 86    | 234   | 1,737   |



## DVV-6OZRS - DVV-13OZRS

Torque Multiplier DREMOPLUS ALU  
6000-13000 N·m / 4400-9530 lbf·ft




- > Controlled screw tightening and loosening
- > High-performance aluminium housing
- > Transmission ratio 1:18, 1:22, 1:28.5, 1:39
- > All models with return flow protection (RS)
- > Non-destructive overload protection "Slipper" to protect the gearbox, right and left hand
- > With cranked reaction arm Z-shaped
- > Better than +/- 3 % accuracy

- > To operate with a suitable torque wrench

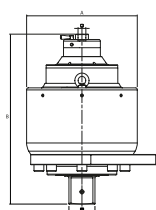
| Code    | No.        | max. N·m Output | max. lbf·ft Output | Reaction arm   |  | " C  | " D    | A   | B   | C min | C max | D min | D max | max. N·m Input | max. lbf·ft Input |  |
|---------|------------|-----------------|--------------------|----------------|---|------|--------|-----|-----|-------|-------|-------|-------|----------------|-------------------|---|
| 2653117 | DVV-6OZRS  | 6000            | 4400               | Z-form, offset | 1:18  | 3/4" | 1.1/2" | 102 | 257 | 110   | 190   | 316   | 324   | 400            | 300               | 6,6   |
| 2653125 | DVV-8OZRS  | 8000            | 5870               | Z-form, offset | 1:22  | 3/4" | 1.1/2" | 128 | 277 | 110   | 190   | 338   | 342   | 420            | 310               | 9,1   |
| 2653133 | DVV-10OZRS | 10000           | 7330               | Z-form, offset | 1:28,5  | 3/4" | 1.1/2" | 142 | 292 | 120   | 216   | 350   | 356   | 410            | 305               | 10,9  |
| 2653141 | DVV-13OZRS | 13000           | 9530               | Z-form, offset | 1:39  | 3/4" | 1.1/2" | 175 | 306 | 126   | 229   | (372) | (379) | 380            | 280               | 17  |

## OPTIONAL ACCESSORIES:

| Code    | No.         | Designation                                       | C min | C max |  |
|---------|-------------|---|-------|-------|---|
| 2653192 | RZ-DVV60    | Reaction arm Z-form offset for DVV60              | 110   | 194   | 4,015   |
| 2653206 | RZ-DVV80    | Reaction arm Z-form offset for DVV80              | 110   | 190   | 4,484   |
| 2653222 | RZ-DVV100   | Reaction arm Z-form offset for DVV100             | 120   | 215   | 3,166   |
| 2653230 | RZ-DVV130   | Reaction arm Z-form offset for DVV130             | 126   | 229   | 3,58  |
| 2654091 | RL-DVV60-80 | Reaction arm L-form straight for DVV60-80, 1.1/2" | 120   | 315   | 4,104   |



## DVV-54ORS

Torque Multiplier DREMOPLUS ALU  
54000 N·m / 40330 lbf·ft



- > Controlled screw tightening and loosening
- > High-performance aluminium housing
- > Better than +/- 3 % tolerance
- > For operation in combination with a torque wrench
- > With fixture for welding on a reaction arm (optional)

- > Multiplication at the ratio of 1:175
- > 1 model for a maximum load of around a max. 54000 N·m
- > Output square with drill hole for impact sockets with safety pin and ring

| Code    | No.       | max. N·m Output | max. lbf·ft Output | Reaction arm |  | " C  | " D    | A   | B   | max. N·m Input | max. lbf·ft Input |  |
|---------|-----------|-----------------|--------------------|--------------|---|------|--------|-----|-----|----------------|-------------------|---|
| 2653168 | DVV-54ORS | 54000           | 40330              | without      | 1:175   | 3/4" | 2.1/2" | 270 | 415 | 380            | 280               | 64,6  |



# **i** DREMOPLUS ALU FAMILY 2

DVI-20L/Z UND DVI-28L/Z



**1**

3/4" input square

**2**

Low backlash, single-stage planet gear for a long service life

**3**

Output square 1" with drill hole for impact sockets with safety pin and ring

**4**

Overload safety mechanism achieved from a classic shearing square

**5**

Overload safety mechanism achieved from a classic shearing square

**6**

Overload safety mechanism achieved from a classic shearing square

### DVI-20Z AND DVI-28Z

- Reaction arm Z-form offset
- fix integrated

### DVI-20L AND DVI-28L

- Reaction arm L-form with adjustable reaction square drive
- fix integrated

### 100% QUALITY CHECK

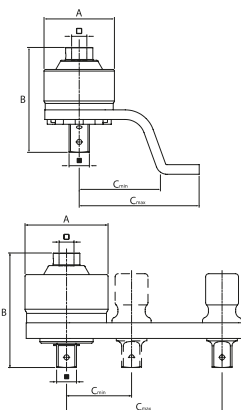
- Delivery including factory test certificate
- The most common INPUT/OUTPUT torques on the torque multiplier



| INPUT |        | OUTPUT |        |
|-------|--------|--------|--------|
| Nm    | lbf-ft | Nm     | lbf-ft |
| 35.8  | 8.0    | 500    | 40     |
| 40.3  | 15.7   | 600    | 70     |
| 57.2  | 30.3   | 800    | 150    |
| 54.8  | 43.3   | 900    | 200    |
| 74.7  | 60.3   | 1000   | 300    |
| 81.0  | 68.8   | 1100   | 350    |
| 91.9  | 85.4   | 1200   | 400    |
| 95.5  | 115.9  | 1320   | 500    |
| 107.3 | 129.2  | 1500   | 600    |
| 117.6 | 148.6  | 1650   | 750    |
| 125.0 | 162.6  | 1760   | 750    |
| 139.0 | 171.1  | 2000   | 800    |
| 145.7 | 180.4  | 2100   | 850    |
| 150.2 | 190.4  | 2200   | 900    |
| 165.9 | 206.1  | 2500   | 950    |
| 205.6 | 210.9  | 3000   | 950    |
| 239.6 | 206.1  | 3500   | 950    |
| 295.0 | 210.9  | 4000   | 950    |

### DVI-20L/Z - DVI-28L/Z

Torque Multiplier DREMOPLUS ALU  
2000-2800 N·m / 1500-2050 lbf·ft



- > Controlled screw tightening and loosening
- > High-performance aluminium housing
- > Better than +/- 3 % tolerance
- > For operation in combination with a torque wrench

- > With firmly integrated reaction arm of an Z- or L-form depending on model
- > Multiplication at the ratio of 1:4, 1:5.5

| Code    | No.     | max. N·m Output | max. lbf·ft Output | Reaction arm     | Ratio | " C  | " D | A   | B   | C min | C max | max. N·m Input | max. lbf·ft Input | Weight |
|---------|---------|-----------------|--------------------|------------------|-------|------|-----|-----|-----|-------|-------|----------------|-------------------|--------|
| 2653249 | DVI-20L | 2000            | 1500               | L-form, straight | 1:4   | 3/4" | 1"  | 88  | 131 | 73    | 152   | 580            | 430               | 1,8    |
| 2653257 | DVI-28L | 2800            | 2050               | L-form, straight | 1:5,5 | 3/4" | 1"  | 106 | 146 | 83    | 199   | 550            | 410               | 2,4    |
| 2653265 | DVI-20Z | 2000            | 1500               | Z-form, offset   | 1:4   | 3/4" | 1"  | 88  | 131 | 100   | 150   | 580            | 430               | 1,8    |
| 2653273 | DVI-28Z | 2800            | 2050               | Z-form, offset   | 1:5,5 | 3/4" | 1"  | 106 | 146 | 100   | 150   | 550            | 410               | 2,4    |

## OPTIONAL ACCESSORIES:

| Code    | No.         | Designation                                |     |
|---------|-------------|--|-----|
| 2653281 | RZ-DVI20    | Reaction arm Z-form offset for DVI20       | 1,1 |
| 2653303 | RL-DVI20    | Reaction arm L-form straight for DVI20, 1" | 1,2 |
| 2653311 | RZ-DVI28    | Reaction arm Z-form offset for DVI28       | 1,5 |
| 2653338 | RL-DVI28    | Reaction arm L-form straight for DVI28, 1" | 1,7 |
| 2653346 | E-VKT-DVI20 | Spare square 1" for DVI20                  | 0,3 |
| 2670526 | E-VKR-DVI28 | Spare square 1" incl. ring for DVI28       | 0,5 |

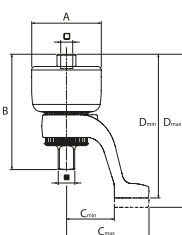
# i DREMOPLUS ALU FAMILY 3

DVV-13Z



- 1 1/2" input square
- 2 Low backlash, single-stage planet gear for a long service life
- 3 Output square 3/4" with drill hole for impact sockets with safety pin and ring
- 4 Reaction arm: Forged reaction arm absorbs any counter force arising
- 5 Lightweight: High-performance aluminium housing is 30 % lighter than a steel one
- 6 Flexible: With detachable Z-form reaction arm; can be optionally retrofitted with long reaction arm incorporating an adjustable reaction square (L-form) of lightweight metal

## DVV-13Z

Torque Multiplier DREMOPLUS ALU  
1300 N·m / 950 lbf·ft

- > Controlled screw tightening and loosening
- > With a single-stage planet gear
- > High-performance aluminium housing
- > Better than +/- 3 % tolerance



- > For operation in combination with a torque wrench
- > Can be optionally retrofitted with L-form straight reaction arm
- > Multiplication at the ratio of 1:5
- > Also available as set (No. DVV-13ZG) with three different impact sockets - sizes 27, 30, 32 mm

| Code    | No.      | max. N·m Output | max. lbf·ft Output | Reaction arm                       | ⚙️  | □ " C | ■ " D | A  | B   | C min | C max | D min | D max | max. N·m Input | max. lbf·ft Input |     |
|---------|----------|-----------------|--------------------|------------------------------------|-----|-------|-------|----|-----|-------|-------|-------|-------|----------------|-------------------|-----|
| 2653370 | DVV-13Z  | 1300            | 950                | Z-form, offset                     | 1:5 | 1/2"  | 3/4"  | 80 | 133 | 56    | 95    | 165   | 173   | 270            | 200               | 1,3 |
| 2653389 | DVV-13ZG | 1300            | 950                | DVV-13ZK<br>32 27K 32<br>30K 32 32 | 1:5 | 1/2"  | 3/4"  | 80 | 133 | 56    | 95    | 165   | 173   | 270            | 200               | 3,0 |

## OPTIONAL ACCESSORIES:

| Code    | No.       | Designation                                   | C min | C max |       |
|---------|-----------|---|-------|-------|-------|
| 2653397 | RZ-DVV13  | Reaction arm Z-form offset for DVV-13         | 55    | 95    | 0,582 |
| 2653400 | RL-DVV13  | Reaction arm L-form straight for DVV-13, 3/4" | 60    | 159   | 0,8   |
| 2684233 | E-S-DVV13 | Sun gear for DVV-13                           |       |       | 0,096 |

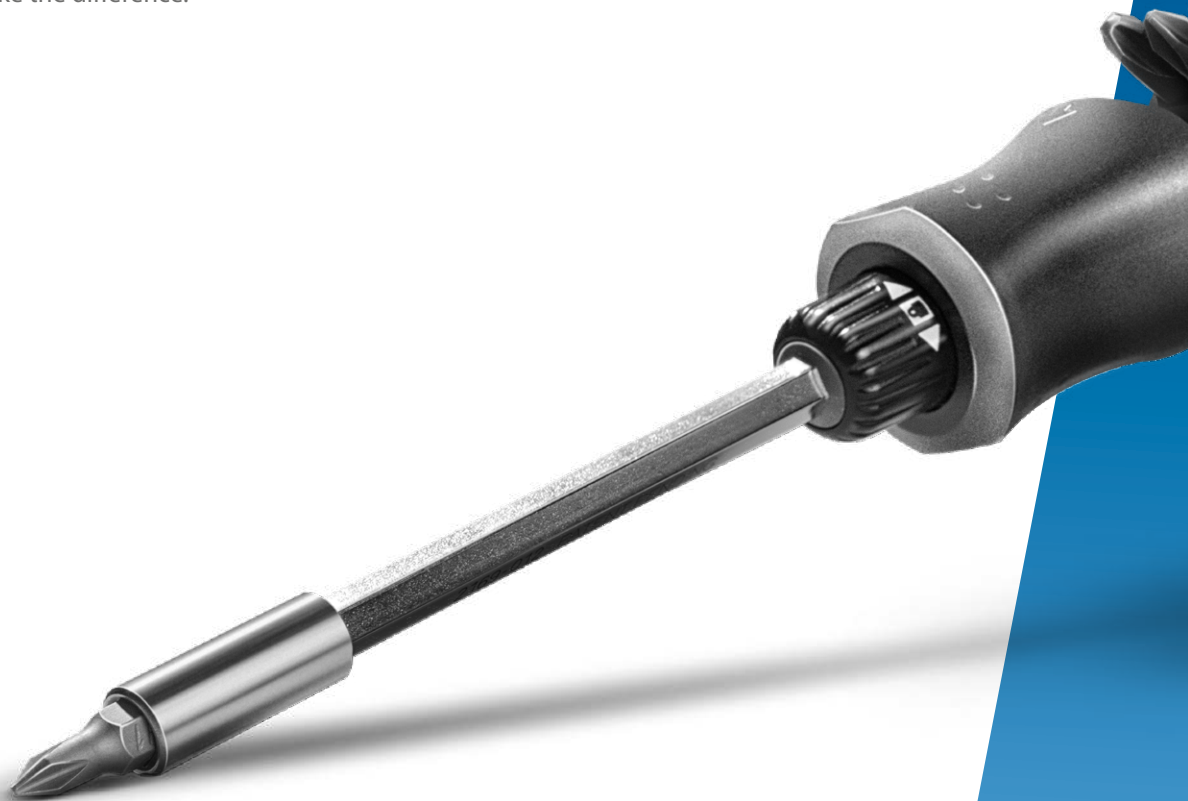
# SCREWDRIVERS

The perfect twist: The tightening and loosening of screws is probably one of the most frequent tasks in everyday work. It is therefore all the more important to have a great screwdriver at hand.

GEDORE screwdrivers cover everything from classic slotted and cross-slotted to TX and hexagon allen keys. However, it is not only the product range that is important. It is the composition and quality of the components such as handle, blade and drive make the difference.

Maximum force with minimum effort: This is ensured by ergonomic 3-component handles. Together with the precisely manufactured blade tips, which optimally transfer the torque to the screw head, giving an unbeatable combination.

The GEDORE screwdriver-range offers some special features such as specific lengths, impact caps or ball heads. The GEDORE SilentGEAR stands for extraordinary design performance. The ratchet screwdriver makes a significant change to the way screws are tightened and loosened with its stepless and silent ratchet mechanism.



- The output of the screwdrivers is marked with a pictogram on the head.
- For targeted, quick access to the appropriate screwdriver





## POWERFUL PRECISE

### TORQUE PINPOINT

- Wide range of screwdrivers for all applications
- Available individually or in practical sets
- Optimised components for best possible results and torque transmission



### ERGONOMIC 3-C HANDLES

- Optimal power transmission due to soft quick-turn zone and power point inside the handle
- Ergonomic feel with large contact surface for the hand
- Suitable for small and large hands, right- and left-handers alike



### TEMPERED BLADE

- Blade from GEDORE molybdenum-vanadium-plus tempered steel for hardness, elasticity and resistance to wear
- Blade fully tempered for a long service life
- Blade injected as a positive fit into the plastic core and matt chrome-plated
- For optimum power transmission to the the screw head




### 2150

3C-Screwdriver  
for slotted head screws



- › Acc. to DIN ISO 2380-2, cutting edge according to DIN ISO 2380-1 Form A
- › Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power transmission with minimum stress on the hand
- › hanging hole on handle for space-saving storage
- › Type of drive marked at end of the handle

\* **not standardised**

| Code     | No.         | ⊖    |  |  |  |
|----------|-------------|------|--|---|---|
| 6679270* | 2150 3      | 3,0  | 80   | 165   | 0,03  |
| 2822644  | 2150 3,5    | 3,5  | 75   | 160   | 0,055   |
| 6679350* | 2150 4      | 4,0  | 100  | 185   | 0,061   |
| 2822652  | 2150 4,5    | 4,5  | 90   | 190   | 0,1   |
| 6679430  | 2150 5,5    | 5,5  | 100  | 200   | 0,093   |
| 6679510  | 2150 6,5    | 6,5  | 150  | 260   | 0,128   |
| 6679780  | 2150 8      | 8,0  | 150  | 270   | 0,17  |
| 2822660  | 2150 8-175  | 8,0  | 175  | 295   | 0,222   |
| 6679860  | 2150 10     | 10,0 | 200  | 320   | 0,203   |
| 2822679* | 2150 10-300 | 10,0 | 300  | 420   | 0,222   |
| 6679940  | 2150 12     | 12,0 | 200  | 320   | 0,257   |
| 2822687  | 2150 12-250 | 12,0 | 250  | 370   | 0,222   |




### 2150

3C-Screwdriver  
for slotted head screws,  
special lengths



- › Acc. to DIN ISO 2380-2, cutting edge according to DIN ISO 2380-1 Form B
- › Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power transmission with minimum stress on the hand
- › hanging hole on handle for space-saving storage
- › Type of drive marked at end of the handle

\* **not standardised**




| Code     | No.          | ⊖   |  |  |  |
|----------|--------------|-----|--|---|---|
| 2822695* | 2150 2-60    | 2,0 | 60   | 145   | 0,055   |
| 2822709  | 2150 2,5-75  | 2,5 | 75   | 160   | 0,055   |
| 6680280* | 2150 3-150   | 3,0 | 150  | 235   | 0,044   |
| 2822717* | 2150 3-200   | 3,0 | 200  | 285   | 0,055   |
| 2822725  | 2150 3,5-100 | 3,5 | 100  | 185   | 0,055   |
| 2822733  | 2150 3,5-125 | 3,5 | 125  | 210   | 0,055   |
| 2822741* | 2150 3,5-200 | 3,5 | 200  | 285   | 0,055   |
| 6680360* | 2150 4-150   | 4,0 | 150  | 235   | 0,069   |
| 2822768* | 2150 4-200   | 4,0 | 200  | 285   | 0,055   |
| 2822776* | 2150 4-300   | 4,0 | 300  | 385   | 0,055   |
| 2822784  | 2150 5,5-125 | 5,5 | 125  | 225   | 0,1   |
| 6680520  | 2150 5,5-150 | 5,5 | 150  | 250   | 0,104   |
| 2822792* | 2150 5,5-200 | 5,5 | 200  | 300   | 0,1   |
| 2822806* | 2150 5,5-300 | 5,5 | 300  | 400   | 0,1   |
| 2822814* | 2150 6-100   | 6,0 | 100  | 210   | 0,14  |
| 6680870* | 2150 6,5-200 | 6,5 | 200  | 310   | 0,152   |

### 2153

3C-Screwdriver  
for slotted head screws,  
short pattern



- › Acc. to DIN ISO 2380-2A, cutting edge according to DIN ISO 2380-1 Form B
- › Especially suitable for work in confined spaces
- › Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power transmission with minimum stress on the hand
- › hanging hole on handle for space-saving storage
- › Type of drive marked at end of the handle

| Code    | No.      | ⊖   |  |  |  |
|---------|----------|-----|--|---|---|
| 1531174 | 2153 4   | 4,0 | 25   | 81  | 0,031   |
| 1482432 | 2153 5,5 | 5,5 | 25   | 81  | 0,036   |
| 1531182 | 2153 6,5 | 6,5 | 25   | 81  | 0,039   |
| 1531190 | 2153 8   | 8,0 | 25   | 81  | 0,044   |

### 2160 PH

3C-Screwdriver  
for cross-head screws  
PH



- > Acc. to DIN ISO 8764, tip according to DIN ISO 8764-1 PH
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power transmission with minimum stress on the hand
- > hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle

**\* not standardised**

| Code            | No.           | ⊕ PH | mm  | mm  |       |
|-----------------|---------------|------|-----|-----|-------|
| <b>6683110</b>  | 2160 PH 0     | 0    | 60  | 145 | 0,302 |
| <b>2824043*</b> | 2160 PH 0-100 | 0    | 100 | 185 | 0,055 |
| <b>6683380</b>  | 2160 PH 1     | 1    | 80  | 180 | 0,08  |
| <b>2824051*</b> | 2160 PH 1-100 | 1    | 100 | 200 | 0,1   |
| <b>6683700</b>  | 2160 PH 1-200 | 1    | 200 | 300 | 0,166 |
| <b>6683460</b>  | 2160 PH 2     | 2    | 100 | 210 | 0,119 |
| <b>2824078*</b> | 2160 PH 2-150 | 2    | 150 | 260 | 0,14  |
| <b>6683890</b>  | 2160 PH 2-200 | 2    | 200 | 310 | 0,164 |
| <b>6683540</b>  | 2160 PH 3     | 3    | 150 | 270 | 0,192 |
| <b>6683620</b>  | 2160 PH 4     | 4    | 200 | 320 | 0,274 |

### 2160 PZ

3C-Screwdriver  
for cross-head screws  
Pozi PZ



- > Acc. to DIN ISO 8764, tip according to DIN ISO 8764-1 PZ
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power transmission with minimum stress on the hand
- > hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle

**\* not standardised**

| Code            | No.           | PZ | mm  | mm  |       |
|-----------------|---------------|----|-----|-----|-------|
| <b>6683970</b>  | 2160 PZ 0     | 0  | 60  | 145 | 0,038 |
| <b>6684000</b>  | 2160 PZ 1     | 1  | 80  | 180 | 0,079 |
| <b>2824086*</b> | 2160 PZ 1-300 | 1  | 300 | 400 | 0,1   |
| <b>6684190</b>  | 2160 PZ 2     | 2  | 100 | 210 | 0,119 |
| <b>2824094*</b> | 2160 PZ 2-300 | 2  | 300 | 410 | 0,14  |
| <b>6684270</b>  | 2160 PZ 3     | 3  | 150 | 270 | 0,189 |
| <b>6684350</b>  | 2160 PZ 4     | 4  | 200 | 320 | 0,273 |

### 2161 PH

3C-Screwdriver  
for cross-head screws PH, short



- > Acc. to DIN ISO 8764, tip according to DIN ISO 8764-1 PH
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power transmission with minimum stress on the hand

- > hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle

| Code           | No.       | ⊕ PH | mm | mm |       |
|----------------|-----------|------|----|----|-------|
| <b>1482440</b> | 2161 PH 1 | 1    | 25 | 81 | 0,033 |
| <b>1531204</b> | 2161 PH 2 | 2    | 25 | 81 | 0,036 |

### 2161 PZ

3C-Screwdriver  
for cross-head screws Pozi PZ, short pattern



- > Acc. to DIN ISO 8764, tip according to DIN ISO 8764-1 PZ
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle

| Code           | No.       | PZ | mm | mm |       |
|----------------|-----------|----|----|----|-------|
| <b>1550608</b> | 2161 PZ 1 | 1  | 25 | 81 | 0,032 |
| <b>1550616</b> | 2161 PZ 2 | 2  | 25 | 81 | 0,037 |







## Screwdriver

### 2163 K

3C-Screwdriver  
for in-hex screws,  
ball end



- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > With hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle
- > Working angle approx. 25° in each direction





| Code           | No.       |  |  |  |  |
|----------------|-----------|---|--|---|---|
| <b>1828746</b> | 2163 K 2  | 2   | 100  | 185   | 0,04  |
| <b>6684430</b> | 2163 K 3  | 3   | 100  | 185   | 0,045   |
| <b>6684510</b> | 2163 K 4  | 4   | 100  | 185   | 0,068   |
| <b>6684780</b> | 2163 K 5  | 5   | 100  | 200   | 0,1   |
| <b>6684860</b> | 2163 K 6  | 6   | 125  | 235   | 0,139   |
| <b>6684940</b> | 2163 K 8  | 8   | 150  | 270   | 0,23  |
| <b>6685080</b> | 2163 K 10 | 10  | 150  | 270   | 0,285   |
| <b>6685160</b> | 2163 K 12 | 12  | 150  | 270   | 0,369   |

### 2163 TX

3C-Screwdriver  
for recessed TX  
head screws



- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > With hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle





| Code           | No.         |  |  |  |  |
|----------------|-------------|---|--|---|---|
| <b>1616471</b> | 2163 TX T5  | T5  | 60   | 145   | 0,037   |
| <b>6685400</b> | 2163 TX T6  | T6  | 60   | 145   | 0,029   |
| <b>6685590</b> | 2163 TX T7  | T7  | 60   | 145   | 0,038   |
| <b>6685670</b> | 2163 TX T8  | T8  | 60   | 145   | 0,038   |
| <b>6685750</b> | 2163 TX T9  | T9  | 60   | 145   | 0,038   |
| <b>6685830</b> | 2163 TX T10 | T10   | 80   | 165   | 0,039   |
| <b>6685910</b> | 2163 TX T15 | T15   | 80   | 165   | 0,054   |
| <b>6686050</b> | 2163 TX T20 | T20   | 100  | 185   | 0,06  |
| <b>6686130</b> | 2163 TX T25 | T25   | 100  | 200   | 0,082   |
| <b>6686210</b> | 2163 TX T27 | T27   | 115  | 215   | 0,098   |
| <b>6686480</b> | 2163 TX T30 | T30   | 115  | 225   | 0,123   |
| <b>6686560</b> | 2163 TX T40 | T40   | 130  | 240   | 0,144   |
| <b>6686640</b> | 2163 TX T45 | T45   | 130  | 250   | 0,176   |

### 2163 KTX

3C-Screwdriver  
for recessed TX screws,  
with ball end



- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > With hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle
- > Working angle approx. 25° in each direction

| Code           | No.          |  |  |  |  |
|----------------|--------------|---|--|---|---|
| <b>2824213</b> | 2163 KTX T10 | T10   | 80   | 165   | 0,055   |
| <b>2824221</b> | 2163 KTX T15 | T15   | 80   | 165   | 0,055   |
| <b>2824248</b> | 2163 KTX T20 | T20   | 100  | 185   | 0,055   |
| <b>2824256</b> | 2163 KTX T25 | T25   | 100  | 200   | 0,1   |
| <b>2824264</b> | 2163 KTX T27 | T27   | 115  | 215   | 0,1   |
| <b>2824272</b> | 2163 KTX T30 | T30   | 115  | 225   | 0,14  |
| <b>2824280</b> | 2163 KTX T40 | T40   | 130  | 240   | 0,14  |

**2163 TXIP**

3C-Screwdriver  
for recessed TX PLUS®  
head screws



- › Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- › With hanging hole on handle for space-saving storage
- › Type of drive marked at end of the handle
- › TORQ-SET® is a registered trademark of Phillips Screw Company, USA
- › TX PLUS® = reg. trademark of Acument Intellectual Properties, LLC. USA

| Code    | No.          |      |     |     |       |
|---------|--------------|------|-----|-----|-------|
| 2824299 | 2163 TX 6IP  | 6IP  | 60  | 145 | 0,055 |
| 2824302 | 2163 TX 7IP  | 7IP  | 60  | 145 | 0,055 |
| 2824310 | 2163 TX 8IP  | 8IP  | 60  | 145 | 0,055 |
| 2824329 | 2163 TX 9IP  | 9IP  | 60  | 145 | 0,055 |
| 2824337 | 2163 TX 10IP | 10IP | 80  | 165 | 0,055 |
| 2824345 | 2163 TX 15IP | 15IP | 80  | 165 | 0,055 |
| 2824353 | 2163 TX 20IP | 20IP | 100 | 185 | 0,055 |
| 2824361 | 2163 TX 25IP | 25IP | 100 | 200 | 0,1   |
| 2824388 | 2163 TX 27IP | 27IP | 115 | 215 | 0,1   |
| 2824396 | 2163 TX 30IP | 30IP | 115 | 225 | 0,14  |
| 2824418 | 2163 TX 40IP | 40IP | 130 | 240 | 0,14  |

**2163 TXB**

3C-Screwdriver  
for recessed TX head  
screws with pilot

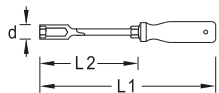


- › Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- › With hanging hole on handle for space-saving storage
- › Type of drive marked at end of the handle

| Code    | No.              |         |     |       |
|---------|------------------|---------|-----|-------|
| 6677570 | 2163 TXB T7      | T7      | 145 | 0,034 |
| 6677650 | 2163 TXB T8      | T8      | 145 | 0,038 |
| 6677730 | 2163 TXB T9      | T9      | 145 | 0,038 |
| 6677810 | 2163 TXB T10     | T10     | 165 | 0,055 |
| 2824159 | 2163 TXB T10-300 | T10-300 | 385 | 0,055 |
| 6678030 | 2163 TXB T15     | T15     | 165 | 0,054 |
| 2824167 | 2163 TXB T15-300 | T15-300 | 385 | 0,055 |
| 6678110 | 2163 TXB T20     | T20     | 185 | 0,06  |
| 2824175 | 2163 TXB T20-300 | T20-300 | 385 | 0,055 |
| 6678380 | 2163 TXB T25     | T25     | 200 | 0,082 |
| 6678460 | 2163 TXB T27     | T27     | 215 | 0,098 |
| 6678540 | 2163 TXB T30     | T30     | 225 | 0,123 |
| 6678620 | 2163 TXB T40     | T40     | 240 | 0,143 |

**2133**

Socket wrench  
with 3C-handle



- › Acc. to DIN 3125, ISO 2725-1
- › Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- › With hanging hole on handle for space-saving storage
- › From 10 mm with drive hexagon

| Code    | No.      |      | L1  | L2  | d  |    |       |
|---------|----------|------|-----|-----|----|----|-------|
| 1746723 | 2133 5   | 5,0  | 225 | 125 | 8  |    | 0,097 |
| 1746731 | 2133 5,5 | 5,5  | 225 | 125 | 8  |    | 0,107 |
| 1746758 | 2133 6   | 6,0  | 225 | 125 | 9  |    | 0,109 |
| 1746766 | 2133 7   | 7,0  | 235 | 125 | 11 |    | 0,135 |
| 1746855 | 2133 8   | 8,0  | 235 | 125 | 12 |    | 0,152 |
| 1746863 | 2133 9   | 9,0  | 235 | 125 | 13 |    | 0,168 |
| 1746898 | 2133 10  | 10,0 | 245 | 125 | 14 | 10 | 0,198 |
| 1746901 | 2133 11  | 11,0 | 245 | 125 | 16 | 13 | 0,202 |
| 1746928 | 2133 12  | 12,0 | 245 | 125 | 17 | 13 | 0,221 |
| 1746944 | 2133 13  | 13,0 | 245 | 125 | 18 | 13 | 0,225 |

## Screwdriver

### 2150-2160 PH

3C-Screwdriver set  
6 pieces / 10 pieces



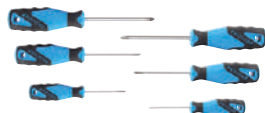
- > For slotted and cross-head screws PH
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > With hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle

| Code    | No.              | Contents  | Pieces |       |
|---------|------------------|---|--------|-------|
| 1482319 | 2150-2160 PH-06  | 3C screwdriver bit socket slotted no. 2150, 4 5.5 6.5 8 mm<br>3C screwdriver cross-slotted No. 2160 PH, 1 2       | 6      | 0,66  |
| 1482343 | 2150-2160 PH-010 | 3C screwdriver bit, slotted No. 2150 5.5 6.5 8, 3C screwdriver, cross recess No. 2160 PH 1 2,<br>Phase tester 3.5 | 10     | 0,825 |

### 2160 PHZ-06

3C-Screwdriver set  
6 pieces



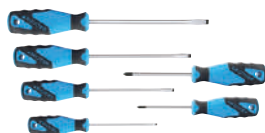
- > for cross-head screws PH and PZ
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle

| Code    | No.         | Contents                       | Pieces |       |
|---------|-------------|--------------------------------|--------|-------|
| 2003589 | 2160 PHZ-06 | 2160 PH 0 1 2<br>2160 PZ 0 1 2 | 6      | 0,344 |

### 2150-2160 PZ-06

3C-Screwdriver set  
6 pieces



- > For slotted and cross-head screws PZ
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle

| Code    | No.             | Contents                        | Pieces |      |
|---------|-----------------|---------------------------------|--------|------|
| 1482300 | 2150-2160 PZ-06 | 2150 4,5,5 6,5 8<br>2160 PZ 1 2 | 6      | 0,67 |

### 2163 TX

3C-Screwdriver set  
5 pieces / 10 pieces



- > for recessed TX head screws
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle

| Code    | No.         | Contents                                     | Pieces |       |
|---------|-------------|--|--------|-------|
| 1482327 | 2163 TX-05  | 2163 TX T10 T15 T20 T25 T30                  | 5      | 0,435 |
| 1482335 | 2163 TX-010 | 2163 TX T7 T8 T9 T10 T15 T20 T25 T27 T30 T40 | 10     | 0,74  |

**2163 TXB-05**3C-Screwdriver set  
5 pieces

- > for recessed TX head screws with pilot
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > hanging hole on handle for space-saving storage
- > Type of drive marked at end of the handle

| Code    | No.         | Contents                     | Pieces |      |
|---------|-------------|------------------------------|--------|------|
| 1616617 | 2163 TXB-05 | 2163 TXB T10 T15 T20 T25 T30 | 5      | 0,44 |

**2142 T-008**Hexagon allen key set  
8 pieces

- > 2-component wing grip for high torque when loosening or tightening

- > Extended wing provides optimal support for the ball of the hand

| Code    | No.       | Contents               | Pieces |      |
|---------|-----------|------------------------|--------|------|
| 3037428 | 2142T-008 | 2142 T2,5 3 4 5 6 8 10 | 8      | 0,97 |

**DT 2142-008**

Hexagon allen key set 8 pcs



- > for in-hex screws
- > With two hexagons, same size each end
- > Long blade with ball end
- > 2-component wing grip for high torque when loosening or tightening

- > Extended wing provides optimal support for the ball of the hand

| Code    | No.         | Contents  | Pieces |      |
|---------|-------------|---|--------|------|
| 3037371 | DT 2142-008 | Offset screwdriver with 2CT-handle No. DT 2142, 2 2.5 3 4 5 6 8 10 mm | 8      | 0,97 |

**2142 TX-007**Screwdriver set TX  
7 pieces

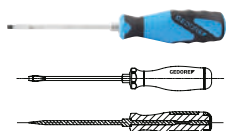
- > T-handle screwdriver for special screw-tightening that require great force

| Code    | No.         | Contents                            | Pieces |      |
|---------|-------------|-------------------------------------|--------|------|
| 3037401 | 2142 TX-007 | 2142 TX T10 T15 T20 T25 T27 T30 T40 | 7      | 0,67 |

## Screwdriver

### 2154SK

3C-Screwdriver  
with striking cap  
for slotted head screws



- > Acc. to DIN ISO 2380-2, cutting edge according to DIN ISO 2380-1 Form A
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > hanging hole on handle for space-saving storage
- > Hexagon blade with additional hexagon bolster

\* not standardised

| Code     | No.            | ⊖    | mm   | mm  | mm  | kg    |
|----------|----------------|------|------|-----|-----|-------|
| 1845209  | 2154SK 3,5     | 3,5  | 8,0  | 75  | 180 | 0,086 |
| 1845217* | 2154SK 4,5     | 4,5  | 8,0  | 75  | 180 | 0,09  |
| 1845225  | 2154SK 5,5     | 5,5  | 8,0  | 100 | 205 | 0,092 |
| 1845233  | 2154SK 6,5     | 6,5  | 10,0 | 125 | 230 | 0,154 |
| 2824108  | 2154SK 6,5-150 | 6,5  | 10,0 | 150 | 255 | 0,229 |
| 2824116  | 2154SK 7       | 7,0  | 10,0 | 125 | 230 | 0,229 |
| 1845241  | 2154SK 8       | 8,0  | 13,0 | 150 | 270 | 0,178 |
| 2824124  | 2154SK 8-175   | 8,0  | 13,0 | 175 | 295 | 0,229 |
| 1845268  | 2154SK 10      | 10,0 | 13,0 | 200 | 320 | 0,214 |
| 2824132  | 2154SK 10-300  | 10,0 | 13,0 | 300 | 420 | 0,229 |
| 1845276  | 2154SK 12      | 12,0 | 16,0 | 200 | 320 | 0,26  |
| 2824140  | 2154SK 12-250  | 12,0 | 16,0 | 250 | 370 | 0,229 |
| 1845284  | 2154SK 14      | 14,0 | 16,0 | 250 | 370 | 0,324 |

### 2160SK PH

3C-Screwdriver with striking cap  
for cross-head screws PH



- > Acc. to DIN ISO 8764, tip according to DIN ISO 8764-1 PH
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > hanging hole on handle for space-saving storage
- > Hexagon blade with additional hexagon bolster

| Code    | No.         | ⊕ PH | mm   | mm  | mm  | kg    |
|---------|-------------|------|------|-----|-----|-------|
| 1845292 | 2160SK PH 1 | 1    | 8,0  | 80  | 185 | 0,086 |
| 1845306 | 2160SK PH 2 | 2    | 10,0 | 100 | 205 | 0,148 |
| 1845314 | 2160SK PH 3 | 3    | 13,0 | 150 | 270 | 0,204 |
| 1845322 | 2160SK PH 4 | 4    | 16,0 | 200 | 320 | 0,292 |

### 2160SK PZ

3C-Screwdriver with striking cap  
for cross-head screws Pozi PZ



- > Acc. to DIN ISO 8764, tip according to DIN ISO 8764-1 PZ
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > hanging hole on handle for space-saving storage
- > Hexagon blade with additional hexagon bolster

| Code    | No.         | PZ | mm   | mm  | mm  | kg    |
|---------|-------------|----|------|-----|-----|-------|
| 1845330 | 2160SK PZ 1 | 1  | 8,0  | 80  | 185 | 0,086 |
| 1845349 | 2160SK PZ 2 | 2  | 10,0 | 100 | 205 | 0,148 |
| 1845357 | 2160SK PZ 3 | 3  | 13,0 | 150 | 270 | 0,206 |

### SK 2154 PH-06

3C-Screwdriver set with striking cap  
6 pieces



- > For firmly seated slotted and cross-head screws PH
- > Hexagon blade with additional hexagon bolster

- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > hanging hole on handle for space-saving storage

| Code    | No.           | Contents                                   | Pieces | kg   |
|---------|---------------|--|--------|------|
| 1878743 | SK 2154 PH-06 | 2154SK 4.5 5.5 6.5 8 mm<br>2160SK PH 12 mm | 6      | 0,88 |

## 164 IN

Elektronik Screwdriver  
for in-hex screws



- > 2-component handle in ergonomic design
- > Rotatable end cap with micro-anti-slip surface
- > Colour coding of the drive type

| Code    | No.        |     |    |     |       |
|---------|------------|-----|----|-----|-------|
| 1845063 | 164 IN 0,7 | 0,7 | 60 | 155 | 0,018 |

## i 2C-T-HANDLE

2-component wing handle for high torque level when loosening or tightening. The lengthened wing provides an optimum contact surface for the palm of one's hand. It thus easily transfers considerable forces in a relaxed hand's position.



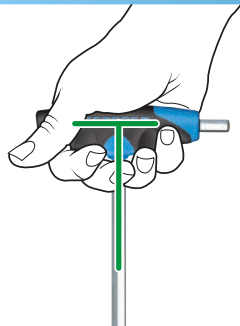
**1** SOFT COMPONENT MADE OF THERMOPLASTIC ELASTOMER

**2** WITH HANGING HOLE

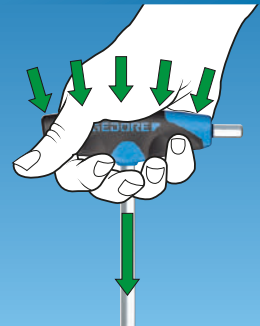
**3** HARD COMPONENT MADE OF FIBREGLASS REINFORCED PLASTIC WITH SPECIAL-PURPOSE GLASS FIBRES. THE BENEFITS OF SHORT GLASS FIBRES (RIGIDITY AND FIRMNESS) ARE COMBINED WITH THAT OF LONG GLASS FIBRES (IMPACT STRENGTH).

### WITH T-SHAPED CROSS-SECTION:

broad at the top and slender below. In this way one's hand takes on a firm grip leading to vigorous working over an extended period without any fatigue.

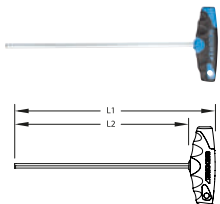


Soft zones where sensitive hand zones grip e.g. finger tips. Hard zones where robust hand zones grip.



## 2142 T (MM)

Hexagon allen key  
with 2C-T-handle  
for in-hex screws



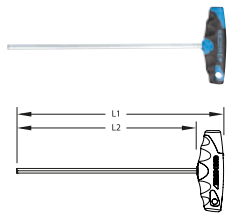
- > 2-component wing grip for high torque when loosening or tightening
- > Extended wing provides optimal support for the ball of the hand

| Code    | No.        |     | L1  | L2  |       |
|---------|------------|-----|-----|-----|-------|
| 2647257 | 2142 T 2   | 2   | 152 | 125 | 0,061 |
| 2647265 | 2142 T 2,5 | 2,5 | 152 | 125 | 0,091 |
| 2647273 | 2142 T 3   | 3   | 152 | 125 | 0,071 |
| 2647281 | 2142 T 4   | 4   | 152 | 125 | 0,08  |
| 2647303 | 2142 T 5   | 5   | 177 | 150 | 0,1   |
| 2647311 | 2142 T 6   | 6   | 188 | 150 | 0,14  |
| 2681439 | 2142 T 7   | 7   | 213 | 175 | 0,16  |
| 2647338 | 2142 T 8   | 8   | 213 | 175 | 0,221 |
| 2647346 | 2142 T 10  | 10  | 238 | 200 | 0,201 |




**2142 T (AF)**

Hexagon allen key  
with 2C-T-handle  
for in-hex screws

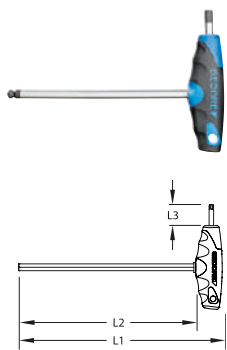


- > 2-component wing grip for high torque when loosening or tightening
- > Extended wing provides optimal support for the ball of the hand


| Code           | No.           | ●    | L1  | L2  |  |
|----------------|---------------|------|-----|-----|---|
| <b>2647354</b> | 2142 T 1/8AF  | 1/8  | 152 | 125 | 0,101   |
| <b>2647362</b> | 2142 T 5/32AF | 5/32 | 152 | 125 | 0,121   |
| <b>2647370</b> | 2142 T 3/16AF | 3/16 | 177 | 150 | 0,1   |
| <b>2647389</b> | 2142 T 1/4AF  | 1/4  | 213 | 175 | 0,14  |
| <b>2647397</b> | 2142 T 5/16AF | 5/16 | 213 | 175 | 0,221   |
| <b>2647400</b> | 2142 T 3/8AF  | 3/8  | 268 | 200 | 0,201   |

**DT 2142**

Hexagon allen key  
with 2C-T-handle  
for in-hex screws

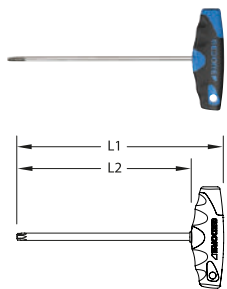


- > With two hexagons, same size each end
- > 2-component wing grip for high torque when loosening or tightening
- > Extended wing provides optimal support for the ball of the hand


| Code           | No.         | ●   | L1  | L2  | L3 |  |
|----------------|-------------|-----|-----|-----|----|---|
| <b>2488914</b> | DT 2142 2   | 2   | 152 | 125 | 15 | 0,091   |
| <b>2498596</b> | DT 2142 2,5 | 2,5 | 152 | 125 | 15 | 0,071   |
| <b>2498618</b> | DT 2142 3   | 3   | 152 | 125 | 15 | 0,04  |
| <b>2498626</b> | DT 2142 4   | 4   | 152 | 125 | 15 | 0,08  |
| <b>2502631</b> | DT 2142 5   | 5   | 177 | 150 | 20 | 0,1   |
| <b>2502658</b> | DT 2142 6   | 6   | 188 | 150 | 20 | 0,12  |
| <b>2505487</b> | DT 2142 7   | 7   | 213 | 175 | 25 | 0,251   |
| <b>2507447</b> | DT 2142 8   | 8   | 213 | 175 | 25 | 0,18  |
| <b>2507471</b> | DT 2142 10  | 10  | 238 | 200 | 25 | 0,28  |

**2142 TX**

Screwdriver  
with 2C-T-handle  
for recessed TX  
head screws

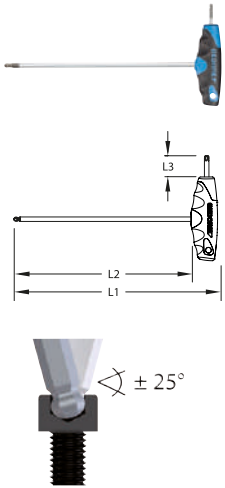


- > 2-component wing grip for high torque when loosening or tightening
- > Extended wing provides optimal support for the ball of the hand

| Code           | No.         | ●   | L1  | L2  |  |
|----------------|-------------|-----|-----|-----|---|
| <b>2509393</b> | 2142 TX T5  | T5  | 152 | 125 | 0,081   |
| <b>2511622</b> | 2142 TX T6  | T6  | 152 | 125 | 0,081   |
| <b>2511657</b> | 2142 TX T7  | T7  | 152 | 125 | 0,081   |
| <b>2513072</b> | 2142 TX T8  | T8  | 152 | 125 | 0,051   |
| <b>2513102</b> | 2142 TX T9  | T9  | 152 | 125 | 0,071   |
| <b>2513749</b> | 2142 TX T10 | T10 | 152 | 125 | 0,061   |
| <b>2516934</b> | 2142 TX T15 | T15 | 152 | 125 | 0,091   |
| <b>2519062</b> | 2142 TX T20 | T20 | 152 | 125 | 0,081   |
| <b>2519186</b> | 2142 TX T25 | T25 | 177 | 150 | 0,091   |
| <b>2521571</b> | 2142 TX T27 | T27 | 177 | 150 | 0,1   |
| <b>2521598</b> | 2142 TX T30 | T30 | 188 | 150 | 0,1   |
| <b>2521601</b> | 2142 TX T40 | T40 | 213 | 175 | 0,14  |
| <b>2521636</b> | 2142 TX T45 | T45 | 213 | 175 | 0,16  |
| <b>2521644</b> | 2142 TX T50 | T50 | 238 | 200 | 0,18  |

**DT 2143 KTX**

Hexagon allen key  
with 2C-T-handle  
for recessed TX  
head screws



- > With ball end, working angle approx. 25°
- > 2-component wing grip for high torque when loosening or tightening
- > Extended wing provides optimal support for the ball of the hand

| Code           | No.             |     | L1  | L2  | L3 |       |
|----------------|-----------------|-----|-----|-----|----|-------|
| <b>2647486</b> | DT 2143 KTX T10 | T10 | 152 | 125 | 15 | 0,091 |
| <b>2647494</b> | DT 2143 KTX T15 | T15 | 152 | 125 | 15 | 0,081 |
| <b>2647508</b> | DT 2143 KTX T20 | T20 | 152 | 125 | 15 | 0,071 |
| <b>2647516</b> | DT 2143 KTX T25 | T25 | 177 | 150 | 20 | 0,121 |
| <b>2647524</b> | DT 2143 KTX T27 | T27 | 177 | 150 | 20 | 0,12  |
| <b>2647532</b> | DT 2143 KTX T30 | T30 | 188 | 150 | 25 | 0,14  |
| <b>2647540</b> | DT 2143 KTX T40 | T40 | 213 | 175 | 25 | 0,18  |

**DT 2143 KTX-007**

Hexagon socket  
key set TX  
7 pieces

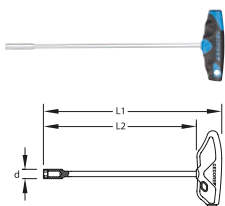


- > With ball end, working angle approx. 25°
- > 2-component wing grip for high torque when loosening or tightening
- > Extended wing provides optimal support for the ball of the hand

| Code           | No.             | Contents                                 | Pieces |      |
|----------------|-----------------|--|--------|------|
| <b>3037398</b> | DT 2143 KTX-007 | DT 2143 KTX, T10 T15 T20 T25 T27 T30 T40 | 7      | 0,71 |

**2133 T**

Socket wrench  
with 2C-T-handle



- > Head depth 25 mm
- > 2-component wing grip for high torque when loosening or tightening
- > Extended wing provides optimal support for the ball of the hand

| Code           | No.        |      | L1  | L2  | d  |       |
|----------------|------------|------|-----|-----|----|-------|
| <b>2647621</b> | 2133 T 5,5 | 5,5  | 257 | 230 | 8  | 0,101 |
| <b>2647656</b> | 2133 T 7   | 7,0  | 268 | 230 | 11 | 0,101 |
| <b>2647664</b> | 2133 T 8   | 8    | 230 | 230 | 12 | 0,18  |
| <b>2647672</b> | 2133 T 9   | 9    | 230 | 230 | 13 | 0,18  |
| <b>2647680</b> | 2133 T 10  | 10,0 | 268 | 230 | 14 | 0,18  |
| <b>2647699</b> | 2133 T 11  | 11,0 | 268 | 230 | 16 | 0,2   |
| <b>2647702</b> | 2133 T 12  | 12,0 | 268 | 230 | 17 | 0,22  |
| <b>2647710</b> | 2133 T 13  | 13,0 | 268 | 230 | 18 | 0,24  |

**DTT 42**

Hexagon Allen key  
for in-hex screws

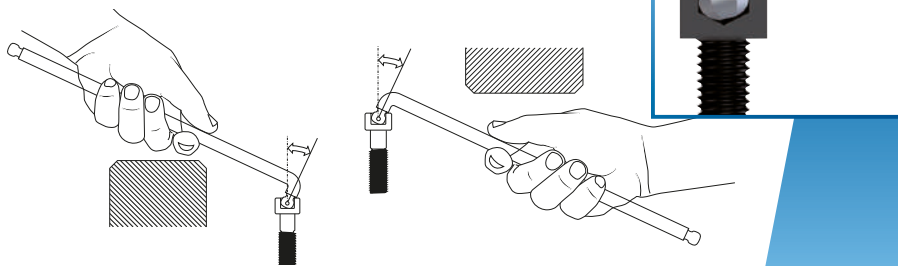


- > With 3 hexagons, same size each end
- > T-handle fixed

| Code           | No.       |    | ↳ mm ↲ | ∅    |       |
|----------------|-----------|----|--------|------|-------|
| <b>1669540</b> | DTT 42 3  | 3  | 150    | 5,0  | 0,042 |
| <b>1669559</b> | DTT 42 4  | 4  | 180    | 6,0  | 0,064 |
| <b>1669567</b> | DTT 42 5  | 5  | 180    | 7,0  | 0,092 |
| <b>1669575</b> | DTT 42 6  | 6  | 210    | 8,0  | 0,134 |
| <b>1669583</b> | DTT 42 8  | 8  | 250    | 9,5  | 0,224 |
| <b>1669591</b> | DTT 42 10 | 10 | 300    | 12,0 | 0,418 |

# i 42 DKEL

## The first with two ball ends



- Two ball ends and an extra short angle side for working optimally in confined spaces
- Positive or negative inclination produces a possible 50° angle of approach (+/- 25°) to the screw axis
- Projecting hindrances can be got round with the two ball ends - rapid work is the outcome
- The GEDORE vanadium steel 59CRV4 with its high manganese share ensures the screwdriver has that strength needed

### H 42 CKEL-09

Hexagon allen key set  
color-coded  
9 pieces

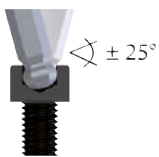
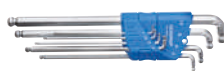


- > Colour coding simplifies the assignment of the correct key width
- > Ball head enables screwing in places that are difficult to access
- > Key easily removable
- > Abrasion-resistant powder-coated

| Code    | No.          | Contents                       | Pieces |      |
|---------|--------------|--------------------------------|--------|------|
| 3297470 | H 42 CKEL-09 | 42 CKEL 1,5 2,2,5 3 4 5 6 8 10 | 9      | 0,36 |

### H 42 DKEL-88

Hexagon allen key set  
for in-hex screws,  
extra long,  
double ball end  
8 pieces

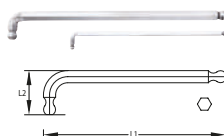


- > Most used sizes combined in a set
- > 2 ball heads and extra short angle side

| Code    | No.          | Contents                   | Pieces |     |
|---------|--------------|----------------------------|--------|-----|
| 2797186 | H 42 DKEL-88 | 42 DKEL 2 2,5 3 4 5 6 8 10 | 8      | 0,4 |

### 42 DKEL

Hexagon allen key  
for in-hex screws,  
extra long,  
double ball end

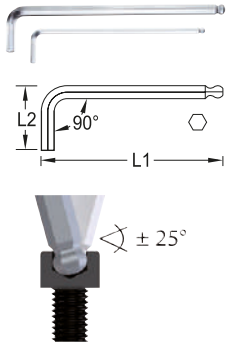


- > 2 ball heads and extra short angle side

| Code    | No.         |      | L1  | L2   |       |
|---------|-------------|------|-----|------|-------|
| 2797062 | 42 DKEL 1,5 | 1,5  | 89  | 7,5  | 0,003 |
| 2797089 | 42 DKEL 2   | 2,0  | 102 | 9    | 0,004 |
| 2797097 | 42 DKEL 2,5 | 2,5  | 115 | 10   | 0,006 |
| 2797100 | 42 DKEL 3   | 3,0  | 129 | 11,5 | 0,01  |
| 2797119 | 42 DKEL 4   | 4,0  | 144 | 14,5 | 0,018 |
| 2797127 | 42 DKEL 5   | 5,0  | 165 | 16,5 | 0,05  |
| 2797135 | 42 DKEL 6   | 6,0  | 186 | 19   | 0,06  |
| 2797143 | 42 DKEL 7   | 7,0  | 197 | 20,5 | 0,07  |
| 2797151 | 42 DKEL 8   | 8,0  | 205 | 22   | 0,09  |
| 2797178 | 42 DKEL 10  | 10,0 | 227 | 28   | 0,16  |

**42 KEL**

Hexagon allen key for in-hex screws, extra long, with ball end

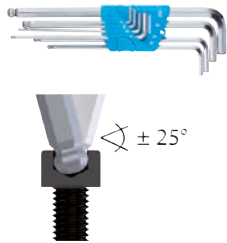


- > Chrome vanadium steel 59CrV4, chrome-plated

| Code           | No.        |      | L1    | L2   |       |
|----------------|------------|------|-------|------|-------|
| <b>1563556</b> | 42 KEL 1,5 | 1,5  | 91,5  | 15,5 | 0,003 |
| <b>6370090</b> | 42 KEL 2   | 2,0  | 102   | 18   | 0,004 |
| <b>6370170</b> | 42 KEL 2,5 | 2,5  | 114,5 | 20,5 | 0,006 |
| <b>6370250</b> | 42 KEL 3   | 3,0  | 129   | 23   | 0,01  |
| <b>6370330</b> | 42 KEL 4   | 4,0  | 144   | 29   | 0,019 |
| <b>6370410</b> | 42 KEL 5   | 5,0  | 165   | 33   | 0,033 |
| <b>6370680</b> | 42 KEL 6   | 6,0  | 186   | 38   | 0,053 |
| <b>1729241</b> | 42 KEL 7   | 7,0  | 197   | 41   | 0,076 |
| <b>6370760</b> | 42 KEL 8   | 8,0  | 208   | 44   | 0,103 |
| <b>6370840</b> | 42 KEL 10  | 10,0 | 234   | 50   | 0,234 |
| <b>6370920</b> | 42 KEL 12  | 12,0 | 262   | 57   | 0,287 |

**H 42 KEL-88**

Hexagon allen key set for in-hex screws, extra long, with ball end  
8 pieces



- > metric
- > Chamfered nose ends facilitate insertion into the screw head

| Code           | No.         | Contents                  | Pieces |       |
|----------------|-------------|---------------------------|--------|-------|
| <b>1523988</b> | H 42 KEL-88 | 42 KEL 2 2,5 3 4 5 6 8 10 | 8      | 0,415 |

**H 42 EL-88**

Hexagon allen key set for in-hex screws, extra long  
8 pieces



- > Most used sizes combined in a set
- > Acc. to DIN ISO 2936

| Code           | No.        | Contents                 | Pieces |       |
|----------------|------------|--------------------------|--------|-------|
| <b>1505416</b> | H 42 EL-88 | 42 2 2,5 3 4 5 6 8 10 mm | 8      | 0,425 |

**H 42 EL-88 A**

Hexagon allen key set for in-hex screws, extra long  
8 pieces

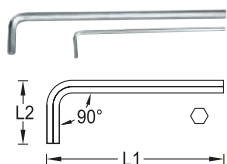


- > Most used sizes in a set

| Code           | No.          | Contents                                      | Pieces |     |
|----------------|--------------|---|--------|-----|
| <b>1543555</b> | H 42 EL-88 A | 42 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 inch | 8      | 0,3 |

**42 EL (MM)**

Hexagon allen key for in-hex screws, extra long



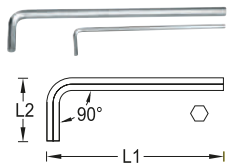
- > Acc. to DIN ISO 2936

| Code           | No.       |      |       | L1    | L2   |       |
|----------------|-----------|------|-------|-------|------|-------|
| <b>6350810</b> | 42 EL 2   | 2,0  | 5/64" | 102   | 18   | 0,004 |
| <b>6351030</b> | 42 EL 2,5 | 2,5  |       | 114,5 | 20,5 | 0,007 |
| <b>6351110</b> | 42 EL 3   | 3,0  |       | 129   | 23   | 0,01  |
| <b>6351380</b> | 42 EL 4   | 4,0  |       | 144   | 29   | 0,019 |
| <b>6351460</b> | 42 EL 5   | 5,0  |       | 165   | 33   | 0,033 |
| <b>6351540</b> | 42 EL 6   | 6,0  |       | 186   | 38   | 0,054 |
| <b>2977486</b> | 42 EL 7   | 7,0  |       | 194   | 41   | 0,07  |
| <b>6351620</b> | 42 EL 8   | 8,0  |       | 208   | 44   | 0,104 |
| <b>6351700</b> | 42 EL 10  | 10,0 |       | 234   | 50   | 0,194 |
| <b>6351890</b> | 42 EL 12  | 12,0 |       | 262   | 57   | 0,293 |
| <b>6351970</b> | 42 EL 14  | 14,0 |       | 294   | 70   | 0,453 |

## Screwdriver

### 42 EL (AF)

Hexagon allen key for in-hex screws, extra long



| Code    | No.          |     |       | L1    | L2   |       |
|---------|--------------|-----|-------|-------|------|-------|
| 6350810 | 42 EL 2      | 2,0 | 5/64" | 102   | 18   | 0,004 |
| 1543377 | 42 EL 3/32AF |     | 3/32" | 114,5 | 20,5 | 0,006 |
| 1543318 | 42 EL 1/8AF  |     | 1/8"  | 129   | 23   | 0,011 |
| 1543326 | 42 EL 5/32AF |     | 5/32" | 144   | 29   | 0,019 |
| 1543334 | 42 EL 3/16AF |     | 3/16" | 165   | 33   | 0,03  |
| 1543342 | 42 EL 7/32AF |     | 7/32" | 186   | 38   | 0,047 |
| 1543369 | 42 EL 1/4AF  |     | 1/4"  | 197   | 41   | 0,065 |
| 1543350 | 42 EL 5/16AF |     | 5/16" | 208   | 44   | 0,103 |
| 1543385 | 42 EL 3/8AF  |     | 3/8"  | 234   | 50   | 0,167 |
| 1543393 | 42 EL 1/2AF  |     | 1/2"  | 277   | 63   | 0,355 |
| 1543407 | 42 EL 9/16AF |     | 9/16" | 294   | 70   | 0,475 |

### PH 42-88

Hexagon allen key set for in-hex screws  
8 pieces

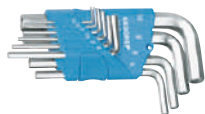


> Most used sizes in a set

| Code    | No.      | Contents              | Pieces |       |
|---------|----------|-----------------------|--------|-------|
| 6352000 | PH 42-88 | 42 2 2,5 3 4 5 6 8 10 | 8      | 0,245 |

### H 42-10

Hexagon allen key set for in-hex screws  
10 pieces



> Most used sizes in a set  
> Acc. to DIN ISO 2936

| Code    | No.     | Contents                         | Pieces |       |
|---------|---------|----------------------------------|--------|-------|
| 1505408 | H 42-10 | 42 1,3 1,5 2 2,5 3 4 5 6 8 10 mm | 10     | 0,259 |

### 42 (MM)

Hexagon allen key set for in-hex screws

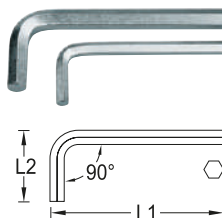


> Most used sizes in a set

| Code    | No.   | Contents                        | Pieces |       |
|---------|-------|---------------------------------|--------|-------|
| 6347510 | 42-07 | 42 2(5/64AF) 2,5 3 4 5 6 8      | 7      | 0,144 |
| 6349050 | 42-70 | 42 2,5 3 4 5 6 8 10             | 7      | 0,254 |
| 6347780 | 42-08 | 42 3 4 5 6 8 10 12 14           | 8      | 0,716 |
| 6347860 | 42-09 | 42 2(5/64AF) 2,5 3 4 5 6 7 8 10 | 9      | 0,297 |


### 42 (MM)

Hexagon allen key for in-hex screws



> Acc. to DIN ISO 2936  
\* not standardised

| Code     | No.       |      |       | L1   | L2   |       |
|----------|-----------|------|-------|------|------|-------|
| 6342200  | 42 0,7    | 0,7  |       | 33   | 7    | 0,001 |
| 6342390  | 42 0,9    | 0,9  |       | 33   | 11   | 0,001 |
| 6342470  | 42 1,3    | 1,3  |       | 41   | 13   | 0,001 |
| 6340260  | 42 1,5    | 1,5  |       | 46,5 | 15,5 | 0,001 |
| 6340340  | 42 2      | 2,0  | 5/64" | 52   | 18   | 0,002 |
| 6340420  | 42 2,5    | 2,5  |       | 58,5 | 20,5 | 0,004 |
| 6340500  | 42 3      | 3,0  |       | 66   | 23   | 0,006 |
| 6340690  | 42 4      | 4,0  |       | 74   | 29   | 0,011 |
| 6340770  | 42 5      | 5,0  |       | 85   | 33   | 0,019 |
| 6344840* | 42 7/32AF |      | 7/32" | 82   | 32   | 0,022 |
| 6340850  | 42 6      | 6,0  |       | 96   | 38   | 0,031 |
| 6340930* | 42 7      | 7,0  |       | 102  | 41   | 0,044 |
| 6341070  | 42 8      | 8,0  |       | 108  | 44   | 0,061 |
| 6341150* | 42 9      | 9,0  |       | 114  | 47   | 0,081 |
| 6341230  | 42 10     | 10,0 |       | 122  | 50   | 0,106 |
| 6341310  | 42 12     | 12,0 |       | 137  | 57   | 0,169 |
| 6341580  | 42 14     | 14,0 |       | 154  | 70   | 0,266 |
| 6341660  | 42 17     | 17,0 |       | 177  | 80   | 0,43  |

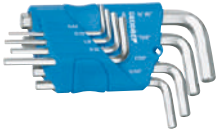
| Code    | No.   | ⬡    | ⬡ | L1  | L2  |  |
|---------|-------|------|---|-----|-----|---|
| 6341740 | 42 19 | 19,0 |   | 199 | 89  | 0,602   |
| 6341820 | 42 22 | 22,0 |   | 222 | 102 | 0,907   |
| 6341900 | 42 24 | 24,0 |   | 248 | 114 | 1,211   |
| 6342550 | 42 27 | 27,0 |   | 277 | 127 | 1,711   |
| 6342630 | 42 30 | 30,0 |   | 315 | 142 | 2,423   |
| 6342710 | 42 32 | 32,0 |   | 347 | 157 | 3,01  |


**H 42-88 A**

Hexagon allen key set  
for in-hex screws  
8 pieces



> Most used sizes in a set



| Code    | No.       | Contents                                      | Pieces |  |
|---------|-----------|---|--------|---|
| 1505424 | H 42-88 A | 42 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 inch | 8      | 0,172   |

**42 A (AF)**

Hexagon allen key set  
for in-hex screws



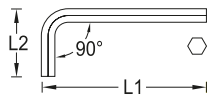
> Most used sizes in a set




| Code    | No.    | Contents  | Pieces |  |
|---------|--------|---|--------|---|
| 6348750 | 42-07A | 42 2(5/64AF) 3/32AF 1/8AF 5/32AF 3/16AF<br>7/32AF(5,5MM) 1/4AF              | 7      | 0,103   |
| 6348830 | 42-08A | 42 1/8AF 5/32AF 3/16AF 1/4AF 5/16AF 3/8AF<br>1/2AF 9/16AF                   | 8      | 0,731   |
| 6348910 | 42-09A | 42 2(5/64AF) 3/32AF 1/8AF 5/32AF 3/16AF<br>7/32AF(5,5MM) 1/4AF 5/16AF 3/8AF | 9      | 0,257   |

**42 (AF)**

Hexagon allen key  
for in-hex screws



| Code    | No.       | ⬡   | ⬡     | L1   | L2   |  |
|---------|-----------|-----|-------|------|------|---|
| 6342120 | 42 3/64AF |     | 3/64" | 41   | 13   | 0,002   |
| 6342040 | 42 1/16AF |     | 1/16" | 46,5 | 15,5 | 0,002   |
| 6344330 | 42 3/32AF |     | 3/32" | 56,5 | 20,5 | 0,004   |
| 6340340 | 42 2      | 2,0 | 5/64" | 52   | 18   | 0,002   |
| 6344410 | 42 1/8AF  |     | 1/8"  | 60   | 23   | 0,006   |
| 6344680 | 42 5/32AF |     | 5/32" | 67   | 26   | 0,01  |
| 6344760 | 42 3/16AF |     | 3/16" | 73   | 30   | 0,015   |
| 6344840 | 42 7/32AF |     | 7/32" | 82   | 32   | 0,022   |
| 6344920 | 42 1/4AF  |     | 1/4"  | 92   | 36,5 | 0,035   |
| 6345060 | 42 5/16AF |     | 5/16" | 102  | 43   | 0,056   |
| 6345140 | 42 3/8AF  |     | 3/8"  | 115  | 49   | 0,094   |
| 6345220 | 42 1/2AF  |     | 1/2"  | 142  | 61   | 0,205   |
| 6345300 | 42 9/16AF |     | 9/16" | 154  | 66   | 0,274   |
| 6345490 | 42 5/8AF  |     | 5/8"  | 168  | 76   | 0,376   |
| 6345570 | 42 3/4AF  |     | 3/4"  | 199  | 89   | 0,309   |

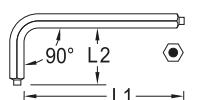
**42 Z**


Hexagon allen key  
for in-hex screws



> Acc. to DIN 6911

\* not standardised



| Code     | No.     | ⬡  | L1  |  |
|----------|---------|----|-----|---|
| 6342980  | 42 Z 3  | 3  | 63  | 0,006   |
| 6343010  | 42 Z 4  | 4  | 70  | 0,01  |
| 6343280  | 42 Z 5  | 5  | 80  | 0,019   |
| 6343360  | 42 Z 6  | 6  | 90  | 0,031   |
| 6343440* | 42 Z 7  | 7  | 95  | 0,042   |
| 6343520  | 42 Z 8  | 8  | 100 | 0,058   |
| 6343600  | 42 Z 10 | 10 | 112 | 0,1   |
| 6343790  | 42 Z 12 | 12 | 125 | 0,162   |



## Screwdriver

### SCL 42-70

Hexagon allen key set  
for in-hex screws  
7 pieces



- > Most used sizes in a set
- > In robust metal clip

| Code    | No.       | Contents         | Pieces |      |
|---------|-----------|------------------|--------|------|
| 6347350 | SCL 42-70 | 2,5 3 4 5 6 8 10 | 7      | 0,36 |

### SCL 42-90 A

Hexagon allen key set  
for in-hex screws  
9 pieces



- > Most used sizes in a set
- > In robust metal clip

| Code    | No.        | Contents                                    | Pieces |      |
|---------|------------|---|--------|------|
| 6354800 | SCL 42-90A | 5/6 4 3/32 7/64 1/8 9/64 5/32 3/16 7/32 1/4 | 9      | 0,26 |

### SCL 43 TX-80

Hexagon allen key set  
for recessed TX  
head screws  
8 pieces

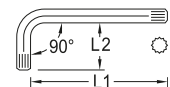


- > Most used sizes in a set
- > In robust metal clip

| Code    | No.          | Contents                          | Pieces |       |
|---------|--------------|-----------------------------------|--------|-------|
| 6346460 | SCL 43 TX-80 | TX T9 T10 T15 T20 T25 T27 T30 T40 | 8      | 0,286 |

### 42 X

Hexagon allen key  
for multi-point screws  
XZN

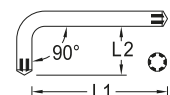


- > Acc. to DIN 65253, tips according to DIN 2325
- > Vanadium steel 50CrV4, chromated

| Code    | No.     |     | L1  | L2 |       |
|---------|---------|-----|-----|----|-------|
| 1531212 | 42 X 4  | M4  | 63  | 20 | 0,009 |
| 6350220 | 42 X 8  | M8  | 98  | 40 | 0,043 |
| 6350570 | 42 X 14 | M14 | 139 | 59 | 0,191 |
| 6350730 | 42 X 18 | M18 | 178 | 81 | 0,333 |

### 43

Hexagon allen key  
for multi-spline screws  
RIBE®



- > Vanadium steel 50CrV4, chromated
- > RIBE® = reg. trademark of Richard Bergner GmbH & Co. KG, Schwabach

| Code    | No.   |     | L1  | L2 |       |
|---------|-------|-----|-----|----|-------|
| 6352270 | 43 5  | M5  | 71  | 25 | 0,016 |
| 6352350 | 43 6  | M6  | 80  | 28 | 0,025 |
| 6352430 | 43 8  | M8  | 90  | 32 | 0,049 |
| 6352780 | 43 12 | M12 | 112 | 40 | 0,135 |
| 6352860 | 43 14 | M14 | 125 | 45 | 0,203 |

### H 43 TX

Hexagon allen key set  
for recessed TX  
head screws

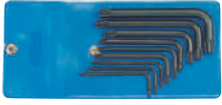


- > In blue plastic holder (LPDE)
- > chrome vanadium steel 50CrV4, burnished

| Code    | No.        | Contents                               | Pieces |       |
|---------|------------|--|--------|-------|
| 1531417 | H 43 TX-09 | 43 TX T7 T8 T9 T10 T15 T20 T25 T30 T40 | 9      | 0,12  |
| 1531425 | H 43 TX-88 | 43 TX T9 T10 T15 T20 T25 T27 T30 T40   | 8      | 0,129 |
| 1531433 | H 43 TX-08 | 43 TX T10 T15 T20 T25 T27 T30 T40 T45  | 8      | 0,168 |

**43 TX-09**

Hexagon allen key set  
for recessed TX  
head screws  
9 pieces

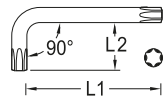


- > Most used sizes in a set
- > In blue PVC wallet

| Code           | No.      | Contents                               | Pieces |       |
|----------------|----------|--|--------|-------|
| <b>6360960</b> | 43 TX-09 | 43 TX T7 T8 T9 T10 T15 T20 T25 T30 T40 | 9      | 0,115 |

**43 TX**

Hexagon allen key  
for recessed TX  
head screws



- > chrome vanadium steel  
50CrV4, burnished

| Code           | No.       |     |     |          | mm  | L1 | L2 |       |
|----------------|-----------|-----|-----|----------|-----|----|----|-------|
| <b>6365090</b> | 43 TXT55  | T55 | M12 | 11,22 mm | 108 | 35 |    | 0,122 |
| <b>6365170</b> | 43 TX T60 | T60 | M14 | 13,25 mm | 120 | 38 |    | 0,187 |

**H 43 KTX-07**

Hexagon allen key set  
for recessed TX  
head screws  
7 pieces



- > With ball end

| Code           | No.         | Contents                           | Pieces |       |
|----------------|-------------|------------------------------------|--------|-------|
| <b>1531441</b> | H 43 KTX-07 | 43 KTX T10 T15 T20 T25 T27 T30 T40 | 7      | 0,169 |

**708**

TX Gauge  
E4-E16/T10-T60  
12 pieces



- > Easy identification of TX  
sizes, internal E4-E16,  
external T10-T60

| Code           | No. | Contents           | Pieces |       |
|----------------|-----|--------------------|--------|-------|
| <b>1394428</b> | 708 | E4 - E16 T10 - T60 | 12     | 0,022 |

**149**

Magnetizer and  
demagnetizer



- > Magnetizes or  
demagnetises  
screwdrivers, tweezers  
and similar tools made  
from steel

| Code           | No. | Length mm | Height mm | Width mm |       |
|----------------|-----|-----------|-----------|----------|-------|
| <b>6416500</b> | 149 | 52        | 26        | 50       | 0,088 |

**156 S**

Square bladed awl



- > Blue handle with  
hanging hole

| Code           | No.   |     |     |       |
|----------------|-------|-----|-----|-------|
| <b>6424520</b> | 156 S | 100 | 200 | 0,084 |

# PLIERS

A firm grip on everything: you have to be able to rely on pliers. They should grip securely, easy to use, last as long as possible and not damage the workpiece. The functionality, quality and user-friendliness of a pair of pliers are determined not only by the design, but above all by the manufacturing process.

GEDORE pliers blanks are forged in our own factories and manufactured at GEDORE Austria - the competence centre for pliers. The current range extends from the smallest telephone pliers to the largest pipe wrenches, and reaching for GEDORE pliers is guaranteed to pay off.

High cutting performance, extreme flexural strength and reliable surface protection are the results of many years of forging expertise and processes such as oil hardening and inductive post-hardening.

In the application, the interplay of perfect cutting edge geometry, optimised joints and ergonomic handles make all the difference. The GEDORE power pliers range is outstanding in every respect: maximum power transmission with minimum effort.



## POWER PLIERS - GEDORE POWER PLIERS



- Inlaid joint for optimum power transmission
- Maximisation of the leverage due to shifting of the pivot point
- 35% less force required with higher cutting and clamping performance





**STRONG  
POWERFUL**

#### THE FULL PROGRAMME

- Extremely wide range of pliers for specialists and generalists
- For wire classes from soft and medium-hard to hard and piano wire
- Available individually or in practical set

#### TONG GRIPS

- Dipped grip protection for improved feel and reduced risk of slipping
- 2-component grip guards for additional comfort and safety

#### TONG JOINTS

- Firm connection of the tong legs with a groove in the mounted joint
- Connection and adjustment device in one for pliers with through joint
- Optimum transmission of force with inserted joint

# i ANGLED COMBINATION PLIERS



1

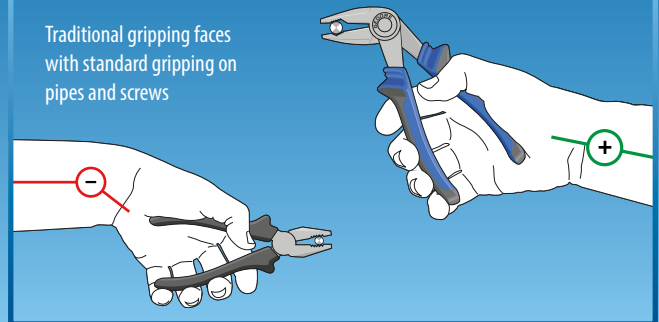
A pliers head angled at 60° goes easy on your joints and tendons. And you keep the workpiece in view at the same time

2

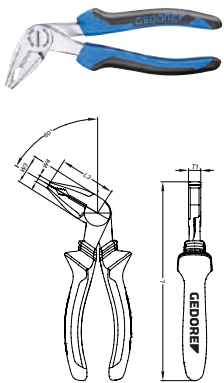
Specially offset teeth in the grip surfaces for best-possible gripping on pipes and screws

## TRADITIONAL COMBINATION PLIERS

Traditional gripping faces with standard gripping on pipes and screws



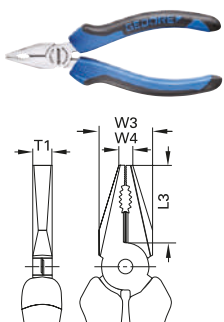
**8248**  
Angled combination pliers



- > One 60° angled pliers head
- > Specially offset teeth in the grip surfaces for best-possible grip on pipes and screws
- > Perfect ergonomics optimises hand force, forced hand position is avoided
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > TL = steel-grey, with blue dipped non-slip handles

| Code    | No.         | L   | L3 | W3   | W4  | T1   | kg    |
|---------|-------------|-----|----|------|-----|------|-------|
| 2276585 | 8248-160 JC | 165 | 46 | 24,0 | 6,0 | 10,0 | 0,245 |

**8200**  
Combination pliers



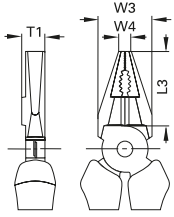
- > For round and flat material
- > For medium-hard wire 1.6 mm

| Code    | No.         | L   | L3 | W3   | W4  | T1  | kg    |
|---------|-------------|-----|----|------|-----|-----|-------|
| 6730480 | 8200-125 JC | 125 | 25 | 16,0 | 3,2 | 7,6 | 0,117 |



## 8210

Combination pliers  
German pattern

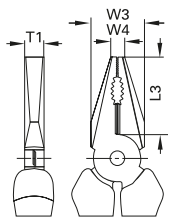


- > Reinforced type, for tough continuous operations
- > For round and flat material
- > For medium-hard wire 1.6 mm
- > Induction-hardened precision cutting edges, hardness 62 - 64 HRC

| Code    | No.         | L   | L3 | W3   | W4  | T1   |       |
|---------|-------------|-----|----|------|-----|------|-------|
| 6731100 | 8210-160 JC | 160 | 34 | 23,0 | 5,8 | 10,8 | 0,217 |
| 6711340 | 8210-160 TL | 160 | 34 | 23,0 | 5,8 | 10,8 | 0,173 |
| 6731530 | 8210-180 JC | 180 | 38 | 27,0 | 6,4 | 11,8 | 0,284 |
| 6711420 | 8210-180 TL | 180 | 38 | 27,0 | 6,4 | 11,8 | 0,227 |
| 6732180 | 8210-200 JC | 200 | 42 | 29,5 | 7,4 | 12,5 | 0,356 |
| 6711850 | 8210-200 TL | 200 | 42 | 29,5 | 7,4 | 12,5 | 0,296 |

## 8245

Combination pliers  
Euro pattern

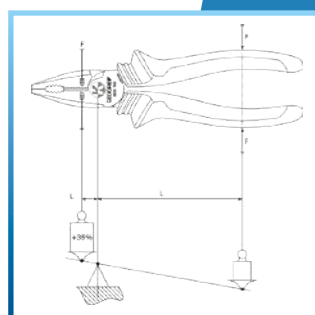


- > Universal model with slimline head, ideal for confined spaces
- > Induction-hardened precision cutting edges, hardness 62 - 64 HRC
- > For round and flat material
- > For medium-hard wire 1.6 mm

| Code    | No.         | L   | L3 | W3   | W4  | T1   |       |
|---------|-------------|-----|----|------|-----|------|-------|
| 6733070 | 8245-160 JC | 160 | 34 | 23,0 | 5,8 | 8,8  | 0,218 |
| 6730050 | 8245-160 TL | 160 | 34 | 23,0 | 5,8 | 8,8  | 0,174 |
| 6733150 | 8245-180 JC | 180 | 38 | 27,0 | 6,4 | 9,8  | 0,28  |
| 6730210 | 8245-180 TL | 180 | 38 | 27,0 | 6,4 | 9,8  | 0,23  |
| 6733230 | 8245-200 JC | 200 | 42 | 29,5 | 7,4 | 10,5 | 0,363 |
| 6730720 | 8245-200 TL | 200 | 42 | 29,5 | 7,4 | 10,5 | 0,297 |

# i POWER COMBINATION PLIERS

Power pliers: The effort required in using them is down 35 % on account of the pivot transferred to the front and the resulting lengthened lever.



MOMENT EQUATION

### 1

Gripping surface with file-cut for a particularly effective hold

### 2

Roughly toothed gripping surfaces for securely holding screws, pipes etc.

### 3

Maximum cutting performance yet with a low level of effort expended thanks to an optimum interaction of cutting geometry, eccentric rivet bearing and ergonomic handle design.

### 4

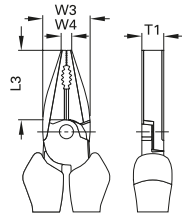
Inductively hardened cutting edges (62 - 64 HRC) ensure constant cutting power over a long time span.

### 5

High-grade 2-component handles with finger protection enable work to be done ergonomically and to the exclusion of tiredness



## 8250

Power  
combination pliers

- > For heavy continuous use
- > High leverage for easier work
- > Induction hardened precision cutting edges, extra long, cutting edge hardness 62 - 64 HRC
- > For round and flat material
- > TL = steel-grey, with blue dipped non-slip handles

| Code           | No.         | L   | L3   | W3   | W4  | T1   |       |
|----------------|-------------|-----|------|------|-----|------|-------|
| <b>1429566</b> | 8250-160 JC | 160 | 35   | 22,8 | 5,8 | 10,4 | 0,225 |
| <b>1429574</b> | 8250-160 TL | 160 | 35   | 22,8 | 5,8 | 10,4 | 0,18  |
| <b>6707070</b> | 8250-180 JC | 180 | 38   | 25,6 | 6,5 | 11,0 | 0,282 |
| <b>6707660</b> | 8250-180 TL | 180 | 38,5 | 25,6 | 6,5 | 11,0 | 0,227 |
| <b>6707310</b> | 8250-200 JC | 200 | 39,5 | 27,0 | 6,5 | 12,4 | 0,36  |
| <b>6707740</b> | 8250-200 TL | 200 | 39,5 | 27,0 | 6,5 | 12,4 | 0,288 |

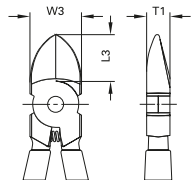
## 8250-225 TL

Power  
combination pliers

- > High force build-up due to convex handle shape (slightly rounded), the force is evenly distributed

| Code           | No.         | L   | L3   | W3   | W4  | T1   |       |
|----------------|-------------|-----|------|------|-----|------|-------|
| <b>6708040</b> | 8250-225 TL | 225 | 42,2 | 27,7 | 6,5 | 13,0 | 0,351 |

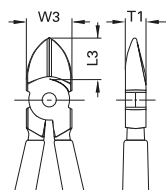
## 8313

Side cutters  
for plastic

- > Without cutting edge bevel, for flush cutting of plastic parts or similar soft materials
- > Self-opening by pressure spring
- > only for plastic

| Code           | No.         | L   | L3   | W3   | T1   |       |
|----------------|-------------|-----|------|------|------|-------|
| <b>6745910</b> | 8313-125 TL | 125 | 16   | 17,0 | 8,5  | 0,116 |
| <b>6746050</b> | 8313-140 TL | 140 | 18,5 | 18,5 | 9,5  | 0,131 |
| <b>6746130</b> | 8313-160 TL | 160 | 19   | 22,0 | 10,0 | 0,184 |

## 8314

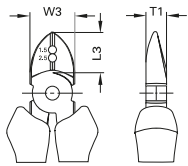
Side cutters  
Swedish pattern

- > With slender head, ideal for confined spaces
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > For medium-hard wire 1.6 mm


| Code           | No.         | L   | L3   | W3   | T1   | Ø   |       |
|----------------|-------------|-----|------|------|------|-----|-------|
| <b>6742300</b> | 8314-125 JC | 125 | 16   | 17,0 | 8,5  | 1,6 | 0,146 |
| <b>6740870</b> | 8314-125 TL | 125 | 16   | 17,0 | 8,5  | 1,6 | 0,107 |
| <b>6742730</b> | 8314-140 JC | 140 | 18   | 18,5 | 9,5  | 1,6 | 0,176 |
| <b>6740950</b> | 8314-140 TL | 140 | 18,5 | 18,5 | 9,5  | 1,6 | 0,129 |
| <b>6743380</b> | 8314-160 JC | 160 | 19   | 22,0 | 10,0 | 1,6 | 0,23  |
| <b>6741090</b> | 8314-160 TL | 160 | 19   | 22,0 | 10,0 | 1,6 | 0,173 |

### 8315

Electricians' side cutter



- > Double function: cutting and stripping
- > Stripping holes for solid and stranded conductors with 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup> conductor cross-section
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

| Code    | No.         | L   | L3 | W3   | T1   | mm <sup>2</sup> |  |
|---------|-------------|-----|----|------|------|-----------------|---|
| 1396722 | 8315-160 JC | 160 | 19 | 22,0 | 10,0 | 1,5 / 2,5       | 0,235   |

## POWER SIDE CUTTER



1

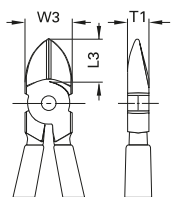
Inductively hardened cutting edges (63 - 65 HRC) ensure constant cutting power over a long time span.

2

Maximum cutting performance yet with a low level of effort expended thanks to an optimum interaction of cutting geometry, eccentric rivet bearing and ergonomic handle design.

### 8314

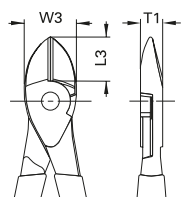
Power side cutter  
Swedish pattern



- > High build-up of force due to convex handle shape (slightly rounded), the force is evenly distributed
- > With slender head, ideal for confined spaces
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > For medium-hard wire 1.6 mm

| Code    | No.         | L   | L3 | W3   | T1   | ∅   |  |
|---------|-------------|-----|----|------|------|-----|---|
| 2910934 | 8314-180 JC | 185 | 25 | 26,0 | 11,0 | 1,6 | 0,3   |
| 2910926 | 8314-180 TL | 185 | 25 | 26,0 | 11,0 | 1,6 | 0,243   |

**8316**  
Power side cutter  
American pattern



- > Good lever action for easy cutting
- > For hard wire/piano wire
- > Max. cutting performance 1,4 - 2,0 mm
- > Induction hardened cutting edges 63 - 65 HRC
- > Highest cutting performance with less effort

| Code           | No.         | L   | L3   | W3   | T1   | Ø   |       |
|----------------|-------------|-----|------|------|------|-----|-------|
| <b>6744190</b> | 8316-140 JC | 140 | 17   | 22,0 | 9,5  | 1,4 | 0,175 |
| <b>6711930</b> | 8316-140 TL | 140 | 17   | 22,0 | 9,5  | 1,4 | 0,146 |
| <b>6744510</b> | 8316-160 JC | 160 | 19   | 24,5 | 10,0 | 1,6 | 0,236 |
| <b>6712070</b> | 8316-160 TL | 160 | 19   | 24,5 | 10,0 | 1,6 | 0,195 |
| <b>1439588</b> | 8316-180 JC | 180 | 22,6 | 26,0 | 11,0 | 1,8 | 0,265 |
| <b>1439596</b> | 8316-180 TL | 180 | 22,6 | 26,0 | 11,0 | 1,8 | 0,225 |
| <b>6745080</b> | 8316-200 JC | 200 | 22   | 28,0 | 11,0 | 2,0 | 0,34  |
| <b>6712150</b> | 8316-200 TL | 200 | 22   | 28,0 | 11,0 | 2,0 | 0,27  |

**8318**  
Lever action side cutter



- > For hard wire/piano wire 1.6 mm
- > Double-jointed for maximum cutting performance

| Code           | No.         | Ø   | ↳ mm | ↳ inch |       |
|----------------|-------------|-----|------|--------|-------|
| <b>6745590</b> | 8318-160 TL | 1,6 | 160  | 6.1/2  | 0,213 |

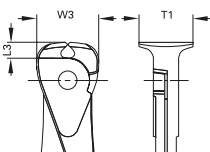
**8370**  
Lever action end cutting nipper



- > For hard wire/piano wire
- > Double-lever mechanism for maximum cutting performance
- \* **not standardised**

| Code            | No.      | Ø   | ↳ mm | ↳ inch |       |
|-----------------|----------|-----|------|--------|-------|
| <b>6750830</b>  | 8370-180 | 2,0 | 180  | 7      | 0,46  |
| <b>6751050</b>  | 8370-210 | 2,0 | 210  | 8.1/2  | 0,61  |
| <b>6751210*</b> | 8370-235 | 2,5 | 235  | 9.1/4  | 0,755 |

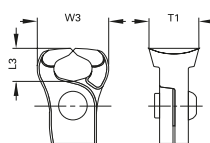
**8367**  
Power end cutting nipper



- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > For hard wire/piano wire 1.6 mm

| Code           | No.         | L   | L3  | W3   | T1   | Ø   |       |
|----------------|-------------|-----|-----|------|------|-----|-------|
| <b>6749150</b> | 8367-160 JC | 160 | 6,9 | 27,0 | 23,5 | 1,6 | 0,254 |
| <b>6712230</b> | 8367-160 TL | 160 | 6,9 | 27,0 | 23,5 | 1,6 | 0,242 |

**8380**  
Tower pincer



- > Heavy-duty wire braid and mesh-cutting pincers
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > For medium-hard wire 1.6 mm

| Code           | No.         | L   | L3 | W3   | T1   |       |
|----------------|-------------|-----|----|------|------|-------|
| <b>6752020</b> | 8380-225 TL | 230 | 16 | 31,0 | 22,0 | 0,358 |
| <b>6752100</b> | 8380-250 TL | 250 | 16 | 35,0 | 25,0 | 0,423 |
| <b>6752290</b> | 8380-280 TL | 280 | 16 | 35,0 | 25,0 | 0,541 |

## 8368

End cutting nippers



- > Extra wide head for tightening the twist knots
- > Especially suitable for iron braiding on construction sites

| Code    | No.         | L   |       |
|---------|-------------|-----|-------|
| 3082512 | 8368-160 TL | 160 | 0,22  |
| 3082601 | 8368-200 TL | 201 | 0,345 |

## 8090

Cable shears



- > For cutting single, multiple and fine-wire copper and aluminium cables up to  $\varnothing$  15 mm / 50 mm<sup>2</sup>
- > For one hand operation
- > No cable squeezing or deformation
- > Not suitable for steel wire, wire rope and hard-drawn copper wire

| Code    | No.         | mm <sup>2</sup> | $\varnothing$ | ↳ mm | ↳ inch |      |
|---------|-------------|-----------------|---------------|------|--------|------|
| 2959720 | 8090-170 TL | 50              | 15            | 170  | 6.3/4  | 0,21 |

## 8092

Cable shears



- > Max. cutting capacity  $\varnothing$  10 mm<sup>2</sup>
- > For cutting multi-core copper and aluminium cables up to  $\varnothing$  10 mm
- > Not suitable for steel wire and hard copper
- > Hardness 55 HRC

| Code    | No.         | mm <sup>2</sup> | $\varnothing$ | ↳ mm | ↳ inch |      |
|---------|-------------|-----------------|---------------|------|--------|------|
| 2878356 | 8092-160 TL | 10/50           | 10            | 160  | 6.1/2" | 0,18 |

## 8093

Cable shears



- > For cutting multi-core copper and aluminium cables up to  $\varnothing$  27 mm
- > Not suitable for wire ropes and steel wire
- > New cutting-edge geometry for a clean, smooth cut

| Code    | No.  | mm <sup>2</sup> | $\varnothing$ | ↳ mm | ↳ inch |       |
|---------|------|-----------------|---------------|------|--------|-------|
| 6724830 | 8093 | 150             | 27            | 505  | 20     | 1,056 |

## 8094

Cable shears



- > For cutting multi-core copper and aluminium cables up to  $\varnothing$  20 mm
- > The diameter increases to  $\varnothing$  25 mm when using rough and finish cuts
- > First cut: Use the front blade to cut the cable sheath

- > Final cut: Place the cable in the back blade and separate the wire(s)
- > Not suitable for steel wire and hard copper

| Code    | No.  | mm <sup>2</sup> | $\varnothing$ | ↳ mm | ↳ inch |       |
|---------|------|-----------------|---------------|------|--------|-------|
| 6724910 | 8094 | 70              | 20            | 200  | 8.1/2  | 0,329 |

Pliers

**8095**  
Cable shears



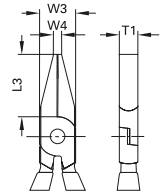
- > Cutter head in stainless steel, opens automatically
- > For cross-sections up to 10 mm<sup>2</sup>

| Code           | No.      | mm <sup>2</sup> | ↳ mm | ↳ inch | kg    |
|----------------|----------|-----------------|------|--------|-------|
| <b>6707820</b> | 8095-160 | 10              | 160  | 6.1/2  | 0,134 |

**8110**  
Flat nose pliers  
without cutting edge,  
serrated



- > With long jaws, serrated gripping faces
- > For holding and bending

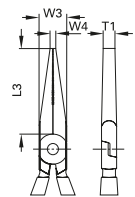


| Code           | No.         | L   | L3   | W3   | W4  | T1  | kg    |
|----------------|-------------|-----|------|------|-----|-----|-------|
| <b>6711690</b> | 8110-140 JC | 140 | 28,5 | 16,5 | 3,6 | 8,5 | 0,154 |
| <b>6711500</b> | 8110-140 TL | 140 | 28,5 | 16,5 | 3,6 | 8,5 | 0,118 |

**8120**  
Flat nose pliers  
without cutting edge,  
serrated



- > With long jaws, serrated gripping faces
- > For holding and bending

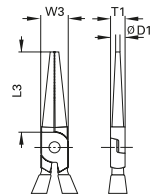


| Code           | No.         | L   | L3 | W3   | W4  | T1  | kg    |
|----------------|-------------|-----|----|------|-----|-----|-------|
| <b>6715170</b> | 8120-160 JC | 160 | 51 | 16,5 | 3,4 | 9,0 | 0,17  |
| <b>6710370</b> | 8120-160 TL | 160 | 51 | 16,5 | 3,4 | 9,0 | 0,133 |

**8122**  
Round nose pliers  
without cutting edge,  
serrated



- > With long jaws, serrated gripping faces
- > For gripping and bending

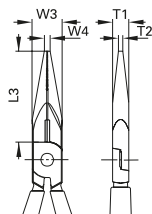


| Code           | No.         | L   | L3 | W3   | D1  | T1  | kg    |
|----------------|-------------|-----|----|------|-----|-----|-------|
| <b>6716810</b> | 8122-160 JC | 160 | 48 | 16,5 | 2,5 | 8,7 | 0,15  |
| <b>6710530</b> | 8122-160 TL | 160 | 48 | 16,5 | 2,5 | 8,7 | 0,114 |

**8132**  
Telephone plier  
with cutting edge,  
serrated, straight  
pattern



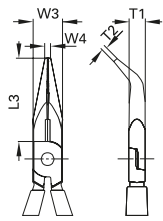
- > Long, flat-round jaws, straight gripping faces, serrated
- > For holding, gripping, bending and cutting
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC




| Code           | No.         | L   | L3   | W3   | W4  | T1  | T2  | kg    |
|----------------|-------------|-----|------|------|-----|-----|-----|-------|
| <b>6718860</b> | 8132-140 JC | 140 | 42   | 15,0 | 2,5 | 7,8 | 2,0 | 0,125 |
| <b>6710610</b> | 8132-140 TL | 140 | 42   | 15,0 | 2,5 | 7,8 | 2,0 | 0,104 |
| <b>6719240</b> | 8132-160 JC | 160 | 50   | 16,5 | 3,2 | 9,0 | 2,5 | 0,166 |
| <b>6710880</b> | 8132-160 TL | 160 | 50   | 16,5 | 3,2 | 9,0 | 2,5 | 0,129 |
| <b>6719670</b> | 8132-200 JC | 200 | 75,7 | 18,5 | 3,7 | 9,5 | 2,8 | 0,225 |
| <b>6710960</b> | 8132-200 TL | 200 | 75,7 | 18,5 | 3,7 | 9,5 | 2,8 | 0,186 |

**8132 AB**

Telephone plier  
with cutting edge,  
serrated, angled pattern



- > Long, flat-round jaws, straight gripping faces, serrated
- > tips 45° angled
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

| Code           | No.            | L   | L3   | W3   | W4  | T1  | T2  |  |
|----------------|----------------|-----|------|------|-----|-----|-----|---|
| <b>6720920</b> | 8132 AB-160 JC | 160 | 46   | 16,5 | 3,2 | 9,0 | 2,5 | 0,163   |
| <b>6711180</b> | 8132 AB 160 TL | 160 | 46   | 16,5 | 3,2 | 9,0 | 2,5 | 0,125   |
| <b>6721300</b> | 8132 AB-200 JC | 200 | 70,5 | 18,5 | 3,7 | 9,5 | 2,8 | 0,225   |
| <b>6711260</b> | 8132 AB-200 TL | 200 | 70,5 | 18,5 | 3,7 | 9,5 | 2,8 | 0,19  |

## MULTIPLE PLIERS

**1**

Gripping faces with filecut for safe holding

**2**

Stripping of wire sizes  
0.5/1.5/2.5 mm<sup>2</sup>

**3**

Squeezing of insulated flat  
plugs 1.0-2.5 mm<sup>2</sup>

**4**

Cutting edge induction  
hardened (62 - 64 HRC)

**5**


Crimping of conductor  
endsleeves 0.5-2.5 mm<sup>2</sup>

**8133**

Multiple pliers  
with cutting edge,  
serrated, straight  
pattern



- > Holding, cutting, insulation-stripping, crimping, squeezing
- > Flat-round jaws, straight gripping faces, serrated
- > Induction-hardened precision cutting edges, hardness 62 - 64 HRC
- > For medium-hard wire 1.6 mm
- > Cutting edge additionally inductively hardened

| Code           | No.         | « mm » |  |
|----------------|-------------|--------|---|
| <b>6722110</b> | 8133-180 JC | 180    | 0,18  |
| <b>1997394</b> | 8133-180 TL | 180    | 0,16  |
| <b>2676079</b> | 8133-200 JC | 200    | 0,2   |



Pliers

**8136**

Mechanics pliers without wire cutter, straight pattern

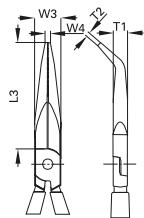


- > Acc. to DIN ISO 5745
- > Flat-round tapered jaws, cross-hatched gripping surfaces
- > For holding, gripping and bending work
- > With fine-tipped nose

| Code           | No.         | L   | L3   | W3   | W4  | T1  | T2  |       |
|----------------|-------------|-----|------|------|-----|-----|-----|-------|
| <b>6722700</b> | 8136-200 JC | 200 | 75,7 | 18,5 | 3,7 | 9,5 | 2,8 | 0,241 |
| <b>6722890</b> | 8136-200 TL | 200 | 75,7 | 18,5 | 3,7 | 9,5 | 2,8 | 0,201 |

**8136 AB**

Mechanics pliers without wire cutter, angled pattern

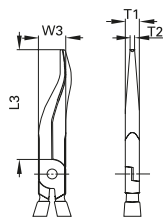


- > Flat-round tapered jaws, cross-hatched gripping surfaces
- > 45° angled tips make gripping round the corner possible
- > With fine-tipped nose

| Code           | No.            | L   | L3 | W3   | W4  | T1   | T2  |       |
|----------------|----------------|-----|----|------|-----|------|-----|-------|
| <b>6722970</b> | 8136 AB-200 JC | 200 | 70 | 18,5 | 3,7 | 9,5  | 2,8 | 0,239 |
| <b>6723000</b> | 8136 AB-200 TL | 200 | 70 | 18,5 | 3,7 | 10,0 | 2,8 | 0,201 |

**8137**

Mechanics pliers without wire cutter, offset pattern

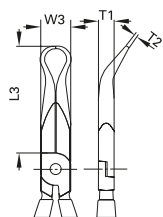


- > Flat-round tapered jaws, cross-hatched gripping surfaces
- > With fine-tipped nose
- > Gently-curved jaws enable holding and gripping to be done in inaccessible places

| Code           | No.         | L   | L3 | W3   | T1  | T2  |       |
|----------------|-------------|-----|----|------|-----|-----|-------|
| <b>6723190</b> | 8137-200 JC | 200 | 74 | 18,5 | 9,5 | 2,8 | 0,231 |

**8138**

Mechanics pliers without wire cutter, 30° angled



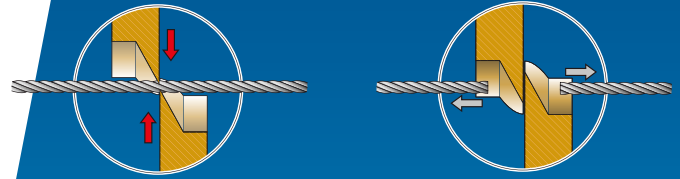
- > 30° angled flat-round jaws, gripping surfaces cross serrated with fine point
- > For spark plug connectors and all kinds of hoses (e.g. radiator hoses)

| Code           | No.         | L   | L3 | W3   | T1  | T2  |       |
|----------------|-------------|-----|----|------|-----|-----|-------|
| <b>6723350</b> | 8138-200 JC | 200 | 68 | 18,5 | 9,5 | 2,8 | 0,234 |

## SAFE CUT

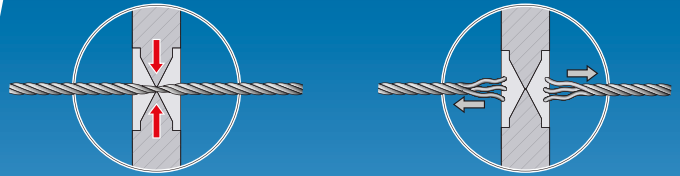
### WIRE ROPE CUTTER

- Shearing cut - the cutting plates slide past each other and in this way dissect the material.
- The wire rope is cleanly cut and retains its circular crosssection. It does not fan out.



### BOLT CUTTER

- Notch cut; the cutters press into the material and create a notch. The material is compacted and thus separated.
- The wire rope is compressed and thus loses its circular crosssection at the cut. The wire rope fans out as a result.



### SPLICING

The old seafaring ability to separate the rope into its individual strands so as to then braid them into a loop or lengthen the rope with another rope without knotting.

### FANNING OUT

Fanning out - that is separating off into individual strands - is not wanted when cutting wire ropes. It is a very laborious business to splice wire ropes. That is why more up-to-date ways are available to incorporate loops in wire ropes. However, they require a smooth cut without any spliced strands.

#### 8317

Bowden cable cutter/  
Wire rope cutter



- › Crimping of bowden-cable sleeves and end-sleeves 1.5 mm and 2 mm
- › For cutting wire rope up to 2 mm diameter and bowden-cable sleeves up to 5 mm diameter as well as for medium-hard wire
- › With opening spring, transport lock and width adjustment

| Code    | No.         | ↳ mm | kg   |
|---------|-------------|------|------|
| 2011638 | 8317-160 JC | 170  | 0,15 |

#### 8320 JC

Wire rope cutters



- › Easy-to-change cutting plates
- › Extremely soft shearing cut reliably prevents the wire rope from fanning out
- › Specially arched cutting edges
- › Hardness 62 - 65 HRC
- › 2 integrated press profiles for Bowden cable end caps and Bowden cable sheath end caps
- › Wire ropes up to 1800 N/mm<sup>2</sup> with max. 6 mm Ø (e.g. stainless steel wire ropes, wire ropes with steel and textile cables, Bowden cables, shrouds)
- › Wire up to 750 N/mm<sup>2</sup> with max. 4 mm Ø (e.g. nails/wire pins, screws, bolts, ceiling hangers)
- › Single and multicore copper and aluminium cables with max. 6 mm Ø
- › Adjustable joint for precise cutting plate guidance
- › Latch to prevent unwanted opening

| Code    | No.         | ↳ mm | kg   |
|---------|-------------|------|------|
| 2788799 | 8320-200 JC | 200  | 0,48 |

Pliers

**E-8320**

Set of spares for wire rope cutter



- > Consisting of:  
2 inserts, 2 screws,  
1 TX angle wrench

| Code           | No.        |  |  |  |  |  |  |      |
|----------------|------------|--|--|--|--|--|--|------|
| <b>2830779</b> | E-8320-200 |  |  |  |  |  |  | 0,02 |

**8097**

Wire stripper

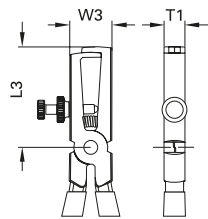


- > With V-shaped cutting knife
- > For stripping single-strand conductors 0.2 - 6.0 mm<sup>2</sup>
- > Adjustable stripping length
- > With wire cutter up to 2 mm

| Code           | No.  | mm <sup>2</sup> | ↳ mm | ↳ inch |  |       |
|----------------|------|-----------------|------|--------|--|-------|
| <b>6702940</b> | 8097 | 0,2-6,0         | 200  | 8      |  | 0,193 |

**8098**

Wire stripper



- > Opens automatically, with spring and adjusting screw
- > V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors
- > For wires from 0.8 to 6.0 mm<sup>2</sup>

| Code           | No.         | L   | L3   | W3   | T1  | mm <sup>2</sup> |  |       |
|----------------|-------------|-----|------|------|-----|-----------------|--|-------|
| <b>6708630</b> | 8098-160 JC | 160 | 43,5 | 18,5 | 8,5 | 0,8-6,0         |  | 0,198 |

**8099**

Stripping pliers STRIP-FIX



- > Self-adjusting, for wires 0.5 - 5.0 mm<sup>2</sup>
- > V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors

| Code           | No.         | mm <sup>2</sup> | ↳ mm | ↳ inch |  |       |
|----------------|-------------|-----------------|------|--------|--|-------|
| <b>6709520</b> | 8099-160 JC | 0,5-5,0         | 160  | 6.1/2  |  | 0,217 |

**E-8099**

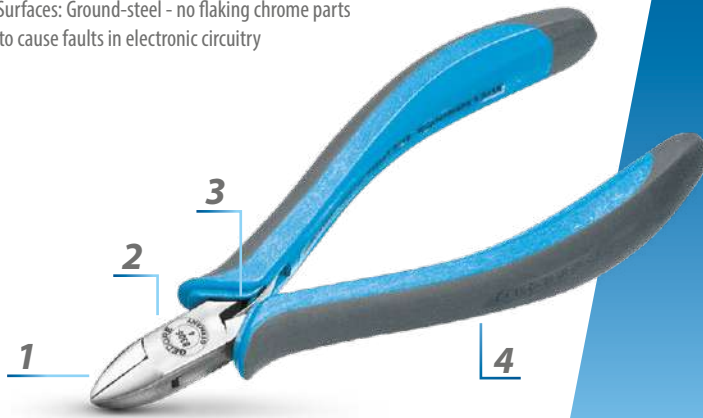
Pair of replacement blades for stripping pliers STRIP-FIX



| Code           | No.    |  |  |  |  |       |
|----------------|--------|--|--|--|--|-------|
| <b>5709580</b> | E-8099 |  |  |  |  | 0,012 |

# **i** ELECTRONIC PLIERS

- For bending, straightening and assembly work in the electronic and precision mechanical sector
- GEDORE ESD-electronic-pliers dissipate electrostatic energy in a slow, controlled manner
- Surfaces: Ground-steel - no flaking chrome parts to cause faults in electronic circuitry



**1** Precision-polished faces

**2** Precision box joint, induction-hardened cutting edges

**3** Welded-in double leaf spring cannot be lost, ensuring perfect functioning and a long service life

**4** 2-component handles with thermoplastic inserts, slip-inhibiting comfort grip

## S 8305 ESD

Electronic pliers set  
6 pieces



- > Most used sizes in a set
- > With microfibre cloth (No. E-8305 MT)

| Code    | No.        | Contents  | Pieces | kg   |
|---------|------------|---|--------|------|
| 1955551 | S 8305 ESD | 8305-9<br>8306-1<br>8306-6<br>8307-3<br>8307-4<br>8308-1<br>E-8305-MT | 6      | 0,68 |

## 8306-1

Electronic side cutter



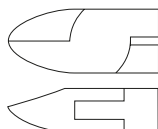
- > Oval head, with bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

| Code    | No.    | CL | mm | kg   |
|---------|--------|----|----|------|
| 6726450 | 8306-1 | 12 | 70 | 0,07 |

## 8306-2

Miniature electronic side cutter



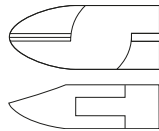
- > Short, oval head, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

| Code    | No.    | CL | mm | kg    |
|---------|--------|----|----|-------|
| 6726530 | 8306-2 | 9  | 55 | 0,055 |

Pliers

**8306-4**  
Electronic side cutter

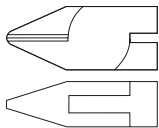


- > Oval head, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

| Code    | No.    | CL | ↳ mm ↲ | ⚖️    |
|---------|--------|----|--------|-------|
| 6727180 | 8306-4 | 14 | 70     | 0,081 |

**8306-5**  
Miniature electronic side cutter

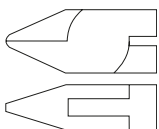


- > Pointed head, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

| Code    | No.    | CL | ↳ mm ↲ | ⚖️    |
|---------|--------|----|--------|-------|
| 6727340 | 8306-5 | 12 | 125    | 0,079 |

**8306-6**  
Miniature electronic side cutter

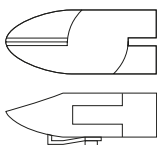


- > Short, head pointed and flattened (relief-milled), with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

| Code    | No.    | CL | ↳ mm ↲ | ⚖️    |
|---------|--------|----|--------|-------|
| 6727500 | 8306-6 | 10 | 53     | 0,072 |

**8306-8**  
Miniature electronic side cutter

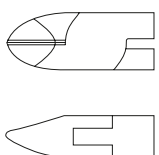


- > With wire gripper
- > Oval head, with bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

| Code    | No.    | CL | ↳ mm ↲ | ⚖️    |
|---------|--------|----|--------|-------|
| 6727930 | 8306-8 | 13 | 75     | 0,076 |

**8306-7**  
Electronic side cutter carbide



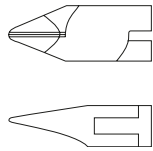
- > Oval head, with bevel
- > For maximum cutting performance due to the use of carbide cutting edges

> Hardness 84 - 86 HRA  
> ESD = electrically conductive

| Code    | No.    | CL | ↳ mm ↲ | ⚖️    |
|---------|--------|----|--------|-------|
| 6727770 | 8306-7 | 11 | 62     | 0,076 |

### 8306-9

Electronic side cutter carbide



- > For maximum cutting performance due to the use of carbide cutting edges
- > Hardness 84 - 86 HRA

- > Especially suitable for cutting SMD components
- > ESD = electrically conductive

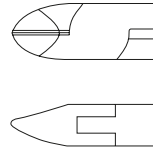
| Code    | No.        | CL | mm |
|---------|------------|----|----|
| 1743414 | 8306-9 SMD | 11 | 61 |



0,076

### 8306-10

Electronic side cutter carbide



- > Oval head, with special bevel, especially suitable for cutting glass fibre and Kevlar®
- > For maximum cutting performance due to the use of carbide cutting edges

- > Hardness 84 - 86 HRA
- > ESD = electrically conductive
- > Kevlar® is a registered trademark of the company DuPont

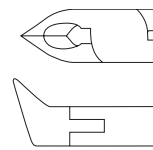
| Code    | No.     | CL | mm |
|---------|---------|----|----|
| 1743422 | 8306-10 | 11 | 62 |



0,077

### 8308-1

Electronic mini diagonal cutter



- > Pointed head, cutting edges angled 25°, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

- > ESD = electrically conductive

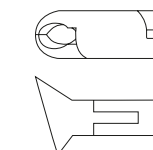
| Code    | No.    | CL | mm |
|---------|--------|----|----|
| 1743600 | 8308-1 | 12 | 61 |



0,076

### 8308-3

Electronic diagonal cutter



- > Wide head and long cutting edge, with fine bevel
- > Cutting edges angled 15°
- > Head ground to a point on one side

- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > ESD = electrically conductive

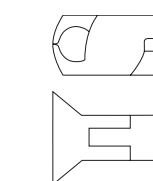
| Code    | No.    | CL | mm |
|---------|--------|----|----|
| 1743627 | 8308-3 | 15 | 77 |



0,094

### 8308-4

Electronic end cutting nipper



- > Wide head and long cutting edge, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

- > ESD = electrically conductive

| Code    | No.    | CL | mm |
|---------|--------|----|----|
| 1743635 | 8308-4 | 15 | 74 |



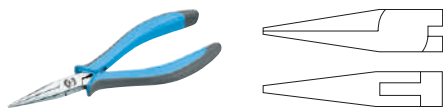
0,098



Pliers

8305-2

Needle nose electronic pliers



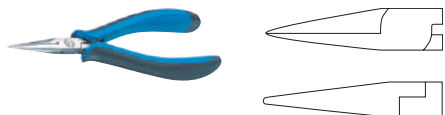
> Extra long, half round jaws, with cut

> ESD = electrically conductive

| Code    | No.    | JL | ◀ mm ▶ | ⚖     |
|---------|--------|----|--------|-------|
| 6725480 | 8305-2 | 39 | 93     | 0,111 |

8307-4

Needle nose electronic pliers



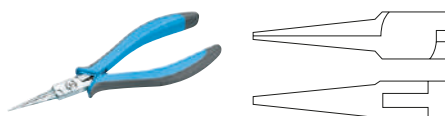
> Slim, narrow, flat-round tapered jaws  
> Smooth-ground gripping faces

> With opening spring  
> ESD = electrically conductive

| Code    | No.    | JL | ◀ mm ▶ | ⚖     |
|---------|--------|----|--------|-------|
| 1743562 | 8307-4 | 31 | 68     | 0,074 |

8305-6

Fine needle nose electronic pliers



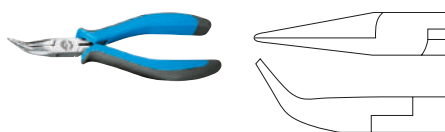
> Extra slim jaws and fine point  
> Without file-cut

> ESD = electrically conductive

| Code    | No.    | JL | ◀ mm ▶ | ⚖     |
|---------|--------|----|--------|-------|
| 6725720 | 8305-6 | 40 | 74     | 0,101 |

8307-7

Long nose electronic pliers



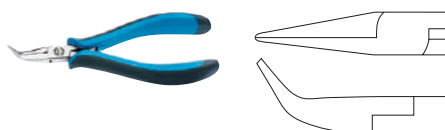
> 45° angled, extra long, flat-round jaws  
> For bending and straightening jobs

> Smooth-ground gripping faces  
> ESD = electrically conductive

| Code    | No.    | JL | ◀ mm ▶ | ⚖     |
|---------|--------|----|--------|-------|
| 1743597 | 8307-7 | 35 | 93     | 0,113 |

8307-3

Needle nose electronic pliers



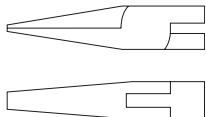
> 45° angled, slim, flat-round jaws  
> Gripping faces with fine file cut

> ESD = electrically conductive

| Code    | No.    | JL | ◀ mm ▶ | ⚖     |
|---------|--------|----|--------|-------|
| 1743554 | 8307-3 | 22 | 68     | 0,081 |

## 8305-9

Flat nose electronic pliers



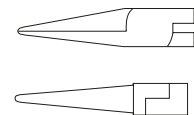
- > Straight pattern
- > Without file-cut

&gt; ESD = electrically conductive

| Code    | No.    | JL | ↳ mm ↳ |       |
|---------|--------|----|--------|-------|
| 6726370 | 8305-9 | 23 | 61     | 0,073 |

## 8308-6

Round nose electronic pliers



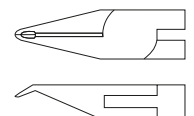
- > For delicate work in the electronic sector
- > Tips tapering to Ø 1 mm, without file-cut
- > ESD = electrically conductive

&gt; Kevlar® is a registered trademark of the company DuPont

| Code    | No.    | JL | ↳ mm ↳ |       |
|---------|--------|----|--------|-------|
| 1743651 | 8308-6 | 20 | 62     | 0,078 |

## 8305-7

Electronic diagonal cutter



- > 65° angled cutting edges, with fine chamfer
- > Soft steel: 0.6 mm/AWG 22

- > Copper wire: 0,8 mm/AWG 20
- > ESD = electrically conductive

| Code    | No.    | CL | ↳ mm ↳ |       |
|---------|--------|----|--------|-------|
| 6725990 | 8305-7 | 6  | 64     | 0,073 |

## 8352-2

Miniature electronic flat nose pliers



- > Long, narrow, smooth jaws

| Code    | No.    | JL | ↳ mm ↳ |       |
|---------|--------|----|--------|-------|
| 1829076 | 8352-2 | 32 | 158    | 0,094 |

## 8352-1

Miniature electronic needle nose pliers



- > Short, narrow, smooth jaws

| Code    | No.    | JL | ↳ mm ↳ |      |
|---------|--------|----|--------|------|
| 1829068 | 8352-1 | 20 | 145    | 0,09 |

## 8352-3

Miniature electronic needle nose pliers



- > Long, narrow, serrated jaws
- > Cutting edges angled 45°

| Code    | No.    | JL | ↳ mm ↳ |       |
|---------|--------|----|--------|-------|
| 1829084 | 8352-3 | 35 | 152    | 0,092 |

Pliers

8353-1

Miniature electronic wire stripping pliers



- > Multipurpose tool for cutting, stripping and terminal crimping

| Code    | No.    | JL | mm  | kg    |
|---------|--------|----|-----|-------|
| 1829092 | 8353-1 | 40 | 175 | 0,126 |

8350-2

Miniature electronic side cutter



- > Sharp, narrow needle-point head
- > Cutting edges angled 21°, without bevel
- > Copper wire: 0,8 mm/AWG 20

| Code    | No.    | CL | mm  | kg    |
|---------|--------|----|-----|-------|
| 1828967 | 8350-2 | 8  | 132 | 0,073 |

8350-3

Miniature electronic side cutter



- > Sharp, narrow needle-point head
- > With wire-grip clamp
- > Cutting edges angled 21°, without bevel
- > Copper wire: 1,0 mm/AWG 18

| Code    | No.    | CL | mm  | kg    |
|---------|--------|----|-----|-------|
| 1828975 | 8350-3 | 8  | 132 | 0,082 |

8350-6

Miniature electronic side cutter



- > Broad, pointed head
- > Cutting edges angled 21°, without bevel
- > Copper wire: 1,3 mm/AWG 16
- > Medium-hard wire: 1,0 mm/AWG 18

| Code    | No.    | CL | mm  | kg    |
|---------|--------|----|-----|-------|
| 1829009 | 8350-6 | 8  | 138 | 0,094 |

8350-7

Miniature electronic side cutter



- > Broad, pointed head
- > Cutting edges angled 21°, without bevel
- > Copper wire: 1,3 mm/AWG 16

| Code    | No.    | CL | mm  | kg    |
|---------|--------|----|-----|-------|
| 1829017 | 8350-7 | 8  | 138 | 0,086 |

8350-8

Miniature electronic side cutter



- > fitted joints results in higher stability
- > Broad, pointed head
- > Cutting edges angled 21°, with fine bevel
- > Copper wire: 2,0 mm/AWG 12
- > Medium-hard wire: 1,6 mm/AWG 14

| Code    | No.    | CL | mm  | kg   |
|---------|--------|----|-----|------|
| 1829025 | 8350-8 | 12 | 140 | 0,11 |

### 8350-9

Miniature electronic side cutter



- > Broad, pointed head
- > With wire-grip spring
- > Cutting edges angled 21°, without bevel
- > Copper wire: 1,3 mm/AWG 16
- > Medium-hard wire: 1,0 mm/AWG 18

| Code    | No.    | CL | ↳ mm ↳ |       |
|---------|--------|----|--------|-------|
| 1829033 | 8350-9 | 10 | 138    | 0,094 |

### 8351-1

Miniature electronic side cutter  
Power Line



- > Cutting edges angled 21°, with fine bevel, hardness 62 HRC
- > Copper wire: 2,0 mm/AWG 12
- > Medium-hard wire: 1,6 mm/AWG 14
- > Piano wire: 0.6 mm/AWG 22

| Code    | No.    | CL | ↳ mm ↳ |       |
|---------|--------|----|--------|-------|
| 1829041 | 8351-1 | 8  | 137    | 0,109 |

### 8350-5

Miniature electronic diagonal end cutting nippers



- > Broad, pointed head
- > Cutting edges angled 48°, without bevel
- > Copper wire: 1,3 mm/AWG 16

| Code    | No.    | CL | ↳ mm ↳ |       |
|---------|--------|----|--------|-------|
| 1828991 | 8350-5 | 8  | 136    | 0,085 |

### 8353-3

Wire stripping knife



- > For cable sizes 4-16 mm

| Code    | No.    | ∅       | ↳ mm ↳ |       |
|---------|--------|---------|--------|-------|
| 1828932 | 8353-3 | 4-16 mm | 140    | 0,087 |

### 8353-2

Insulating varnish stripper



- > For removing insulating varnish
- > Plastic handles
- > Strips wires 0.6 mm<sup>2</sup> / AWG 22

| Code    | No.    | ↳ mm ↳ | mm <sup>2</sup> | AWG |       |
|---------|--------|--------|-----------------|-----|-------|
| 1828924 | 8353-2 | 125    | 0,6             | 22  | 0,047 |

### 8354-1

De-solder tool



- > for removing solder residues when de-soldering electronic components
- > White soldering tip made of Teflon® material
- > Housing made of aluminium (black) and PA6 polymer (blue)
- > Teflon® is a protected trademark of DuPont

| Code    | No.    | ↳ mm ↳ |       |
|---------|--------|--------|-------|
| 1828940 | 8354-1 | 220    | 0,096 |

Pliers

**8147**  
Heavy-duty cable stripping tool



- > Professional wire stripping tool with 2 cable hooks
- > For cables (up to 40 mm Ø) with any kind of insulation
- > Possibility to lock the blade in one of 3 positions (circular, straight or spiral cuts)
- > Cable capacity: 4.5 - 40 mm Ø
- > Insulation thickness: up to 4.5 mm

| Code           | No.  | Ø         |  |       |
|----------------|------|-----------|--|-------|
| <b>1830856</b> | 8147 | 4,5-40 mm |  | 0,196 |

| Code           | No.    |  |  |       |
|----------------|--------|--|--|-------|
| <b>1884719</b> | E-8147 |  |  | 0,002 |

**8148**  
Precision stripping tool for data cables

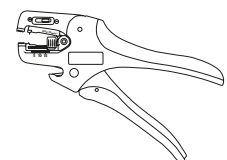


- > Precision adjustment of cutting depth (adjuster wheel with 9 positions)
- > Replaceable blade
- > Stripping capacity: 2.5 - 11 mm
- > Insulation thickness: up to 1.0 mm

| Code           | No.  | Ø           | ↳ mm |       |
|----------------|------|-------------|------|-------|
| <b>1830864</b> | 8148 | 2,5 - 11 mm | 90,5 | 0,043 |

| Code           | No.    |  |  |       |
|----------------|--------|--|--|-------|
| <b>1884727</b> | E-8148 |  |  | 0,002 |

**8146**  
Wire stripper self-adjusting



- > With flat blade
- Stripping capacity:**
- > No. 8146-1 with flat blade: 0.02-10 mm<sup>2</sup>/ AWG 34-8 (for PVC insulation)
- > No. 8146-2 with circular blade: 4-16 mm<sup>2</sup>/AWG 10-5
- > No. 8146-3 with V-blade: PTFE 0.1-4 mm<sup>2</sup>/AWG 28-12 (for all insulations)
- > Flexible Leiter bis zu 10 mm<sup>2</sup>/AWG 8
- > Rigid wires up to 1.5 mm<sup>2</sup> / AWG 16

















| Code           | No.    | Designation                                 | mm <sup>2</sup> | AWG   |       |
|----------------|--------|---|-----------------|-------|-------|
| <b>1830805</b> | 8146   | Stripping pliers incl. module insert 8146-1 | 0,02-10         | 34-8  | 0,18  |
| <b>1830813</b> | 8146-1 | Module insert with flat blade               | 0,02-10         | 34-8  | 0,015 |
| <b>1830821</b> | 8146-2 | Module insert with round blade              | 4-16            | 10-5  | 0,016 |
| <b>1830848</b> | 8146-3 | Module insert with V-blade                  | 0,1-4           | 28-12 | 0,016 |

**8139**  
Cable end-sleeve pliers



- > For the simple pressing of conductor end-sleeves as per DIN 46228
- > With a V-block for stripping and cutting soft wire

| Code           | No.         | mm <sup>2</sup> | ↳ mm | ↳ inch |       |
|----------------|-------------|-----------------|------|--------|-------|
| <b>6723510</b> | 8139-155 TC | 0,25-2,5        | 155  | 6      | 0,186 |
| <b>6723780</b> | 8139-220 TC | 0,5-16          | 220  | 8.1/2  | 0,314 |

| <p><b>8141</b><br/>Precision crimp wrench for conductor end-sleeves</p>  | <ul style="list-style-type: none"> <li>&gt; For right and left-handers</li> <li>&gt; Positive locking to ensure crimping completion</li> <li>&gt; Releasing mechanism to remove incorrect crimping and blockades</li> <li>&gt; Precision eccentric setting for constant crimp quality and calibrating function</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm<sup>2</sup></th> <th>↳ mm</th> <th>↳ inch</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>1830759</b></td> <td>8141</td> <td>0,5-6</td> <td>197</td> <td>7,75</td> <td>0,423</td> </tr> </tbody> </table>   | Code  | No.    | mm <sup>2</sup>   | ↳ mm  | ↳ inch |    | <b>1830759</b>  | 8141           | 0,5-6 | 197   | 7,75  | 0,423 |                |       |       |       |     |     |
|--|---|--|-------|--------|---|---|--------|---|---|----------------|-------|-------|-------|-------|----------------|-------|-------|-------|-----|-----|
| Code   | No.   | mm <sup>2</sup>  | ↳ mm  | ↳ inch |    |   |        |   |   |                |       |       |       |       |                |       |       |       |     |     |
| <b>1830759</b>   | 8141  | 0,5-6  | 197   | 7,75   | 0,423   |   |        |   |   |                |       |       |       |       |                |       |       |       |     |     |
| <p><b>8142</b><br/>Precision crimp wrench for insulated terminals</p>    | <ul style="list-style-type: none"> <li>&gt; Reduction of hand force due to unique mechanism</li> <li>&gt; For right and left-handers</li> <li>&gt; Positive locking to ensure crimping completion</li> <li>&gt; Releasing mechanism to remove incorrect crimping and blockades</li> <li>&gt; Precision eccentric setting for constant crimp quality and calibrating function</li> </ul> | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm<sup>2</sup></th> <th>↳ mm</th> <th>↳ inch</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>1830767</b></td> <td>8142</td> <td>0,5-6</td> <td>255</td> <td>10,04</td> <td>0,626</td> </tr> </tbody> </table>  | Code  | No.    | mm <sup>2</sup>   | ↳ mm  | ↳ inch |    | <b>1830767</b>  | 8142           | 0,5-6 | 255   | 10,04 | 0,626 |                |       |       |       |     |     |
| Code   | No.   | mm <sup>2</sup>  | ↳ mm  | ↳ inch |    |   |        |   |   |                |       |       |       |       |                |       |       |       |     |     |
| <b>1830767</b>   | 8142  | 0,5-6  | 255   | 10,04  | 0,626   |   |        |   |   |                |       |       |       |       |                |       |       |       |     |     |
| <p><b>8152 - 8153</b><br/>Crimp wrench for big terminals</p>           | <ul style="list-style-type: none"> <li>&gt; Ratchet mechanism developed for uniform, reliable crimping of non-insulated crimp lug terminals to conductors and to secure completed crimping cycles and positive locking</li> <li>&gt; Assymetrical press inserts for optimal termination</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm<sup>2</sup></th> <th>AWG</th> <th>↳ mm</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>2010313</b></td> <td>8152</td> <td>4-25</td> <td>12-3</td> <td>300</td> <td>0,65</td> </tr> <tr> <td><b>2010321</b></td> <td>8153</td> <td>10-75</td> <td>7-2/0</td> <td>500</td> <td>2,8</td> </tr> </tbody> </table> | Code  | No.    | mm <sup>2</sup>   | AWG   | ↳ mm   |  | <b>2010313</b>  | 8152           | 4-25  | 12-3  | 300   | 0,65  | <b>2010321</b> | 8153  | 10-75 | 7-2/0 | 500 | 2,8 |
| Code   | No.   | mm <sup>2</sup>  | AWG   | ↳ mm   |  |   |        |   |   |                |       |       |       |       |                |       |       |       |     |     |
| <b>2010313</b>   | 8152  | 4-25   | 12-3  | 300    | 0,65  |   |        |   |   |                |       |       |       |       |                |       |       |       |     |     |
| <b>2010321</b>   | 8153  | 10-75  | 7-2/0 | 500    | 2,8   |   |        |   |   |                |       |       |       |       |                |       |       |       |     |     |
| <p><b>8155</b><br/>Crimp wrench for insulated connector</p>            | <ul style="list-style-type: none"> <li>&gt; For red, blue and yellow insulated connectors, such as cable terminals, pin cable terminals, flat plugs, flat sockets, round plugs, round sockets, push connectors and parallel connectors</li> <li>&gt; Releasable positive locking</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm<sup>2</sup></th> <th>AWG</th> <th>L</th> <th>B</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>2836823</b></td> <td>8155</td> <td>0,5-6</td> <td>20-10</td> <td>220</td> <td>80</td> <td>0,552</td> </tr> </tbody> </table>   | Code  | No.    | mm <sup>2</sup>   | AWG   | L      | B   |  | <b>2836823</b> | 8155  | 0,5-6 | 20-10 | 220   | 80             | 0,552 |       |       |     |     |
| Code   | No.   | mm <sup>2</sup>  | AWG   | L      | B   |  |        |   |   |                |       |       |       |       |                |       |       |       |     |     |
| <b>2836823</b>   | 8155  | 0,5-6  | 20-10 | 220    | 80  | 0,552   |        |   |   |                |       |       |       |       |                |       |       |       |     |     |



Pliers

**8156**  
Crimp wrench  
for non-insulated  
contacts



- > For non-insulated contacts with open crimping sleeve, such as flat plugs F 2.8, F4.8, F6.3 and F 9.5
- > Releasable positive locking

| Code           | No.  | mm <sup>2</sup> | AWG   | L   | B  |      |
|----------------|------|-----------------|-------|-----|----|------|
| <b>2836831</b> | 8156 | 0,25-6          | 24-10 | 220 | 80 | 0,55 |

**8157**  
Crimp wrench  
for terminals



- > For non-insulated contacts with closed crimping sleeve (W pressing) up to 16 mm<sup>2</sup> / AWG 6 and tubular cable lugs up to 10 mm<sup>2</sup> / AWG 6
- > Releasable positive locking

| Code           | No.  | mm <sup>2</sup> | AWG  | L   | B  |      |
|----------------|------|-----------------|------|-----|----|------|
| <b>2836858</b> | 8157 | 0,1-16          | 26-6 | 220 | 80 | 0,55 |

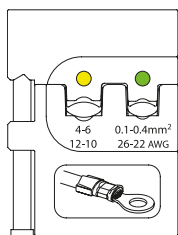
**8140**  
Crimp wrench  
modular



- > Professional ratchet crimping pliers for most types of mechanical, electrical and electronic connectors
- > A base frame (No. 8140) can be combined with all module inserts
- > Module inserts changeable without tools

| Code           | No.  | ↳ mm |       |
|----------------|------|------|-------|
| <b>1830546</b> | 8140 | 234  | 0,557 |

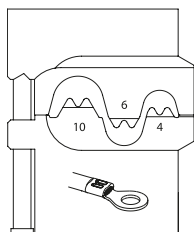
**8140-01/-02**  
Module insert for  
insulated terminals



- > Professional ratchet crimping pliers for most types of mechanical, electrical and electronic connectors
- > A base frame (No. 8140) can be combined with all module inserts
- > Module inserts changeable without tools

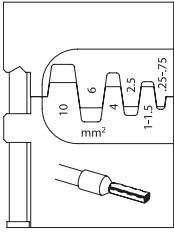
| Code           | No.     | mm <sup>2</sup>   | AWG           |       |
|----------------|---------|-------------------|---------------|-------|
| <b>1830554</b> | 8140-01 | 0,1-0,4 + 4-6     | 26-22 + 12-10 | 0,075 |
| <b>1830562</b> | 8140-02 | 0,5-1,5 + 1,5-2,5 | 22-16 + 16-14 | 0,068 |

**8140-03/-04/-05**  
Module insert  
for non-insulated  
terminals

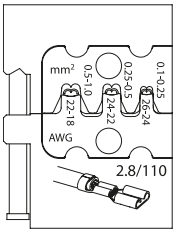


- > Professional ratchet crimping pliers for most types of mechanical, electrical and electronic connectors
- > A base frame (No. 8140) can be combined with all module inserts
- > Module inserts changeable without tools

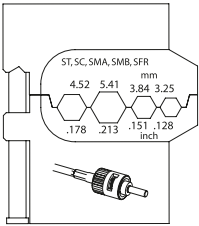
| Code           | No.     | mm <sup>2</sup> | AWG           |       |
|----------------|---------|-----------------|---------------|-------|
| <b>1830570</b> | 8140-03 | 4-6-10          | 12-10-8       | 0,056 |
| <b>1830589</b> | 8140-04 | 0,75-1,5-2,5    |               | 0,076 |
| <b>1830597</b> | 8140-05 | 0,5-2,5 + 4-6   | 22-14 + 12-10 | 0,056 |

**8140-06/-07-08**Module insert  
for conductor  
end-sleeves

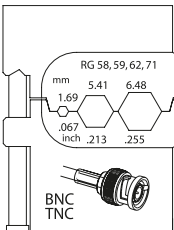
| Code           | No.     | mm <sup>2</sup> | AWG |       |
|----------------|---------|-----------------|-----|-------|
| <b>1830600</b> | 8140-06 | 0,25-10         |     | 0,056 |
| <b>1830619</b> | 8140-07 | 16-25           | 6-4 | 0,056 |
| <b>1830627</b> | 8140-08 | 35-50           | 2-0 | 0,056 |

**8140-09/-10-11**Module insert  
for flat plugs

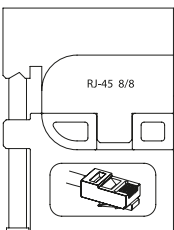
| Code           | No.     | Connector type | mm <sup>2</sup> | AWG   |       |
|----------------|---------|----------------|-----------------|-------|-------|
| <b>1830635</b> | 8140-09 | 2,8            | 0,1-1           | 26-18 | 0,072 |
| <b>1830643</b> | 8140-10 | 4,8            | 0,5-2,5         | 22-14 | 0,075 |
| <b>1830651</b> | 8140-11 | 6,3            | 0,5-6           | 22-10 | 0,08  |

**8140-12**Module insert  
for optical waveguides

| Code           | No.     | ∅  |       |
|----------------|---------|--|-------|
| <b>1830678</b> | 8140-12 | 4,52 5,41 3,84 3,25 mm .178 .213 .151 .128in | 0,085 |

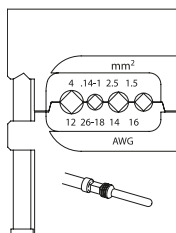
**8140-14**Module insert  
for coax cables

| Code           | No.     | Connector type    | ∅                                   |      |
|----------------|---------|-------------------|-------------------------------------|------|
| <b>1830694</b> | 8140-14 | RG 58, 59, 62, 71 | 1,69 5,41 6,48 mm .067 .213 .255 in | 0,08 |

**8140-16/-17**Module insert  
for modular plugs

| Code           | No.     | Connector type               |      |
|----------------|---------|------------------------------|------|
| <b>1830716</b> | 8140-16 | RJ-45, 8P/8C                 | 0,05 |
| <b>1830724</b> | 8140-17 | RJ-11, 6P/6C - 6P/4C - 6P/2C | 0,05 |

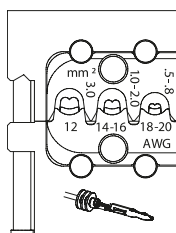
**8140-18**  
Module insert  
for heavy connectors



| Code           | No.     | mm <sup>2</sup> | AWG   |       |
|----------------|---------|-----------------|-------|-------|
| <b>1830732</b> | 8140-18 | 0,14-4          | 26-12 | 0,056 |

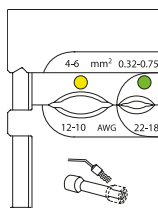
**8140-20**  
Module insert  
for lamellar contacts

> With seals 0.5 - 3.0 mm<sup>2</sup>



| Code           | No.     | mm <sup>2</sup> | AWG   |       |
|----------------|---------|-----------------|-------|-------|
| <b>1963384</b> | 8140-20 | 0,5-3,0         | 20-12 | 0,056 |

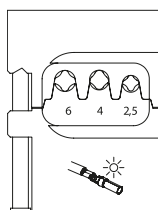
**8140-21/-22**  
Module insert  
for Dura Seal contacts



| Code           | No.     | mm <sup>2</sup> | AWG         |      |
|----------------|---------|-----------------|-------------|------|
| <b>1963392</b> | 8140-21 | 05-1,5/1,5-25   | 22-16/16-14 | 0,08 |
| <b>1963406</b> | 8140-22 | 0,32-0,75/4-6   | 22-18/12-10 | 0,08 |

**8140-23**  
Module insert

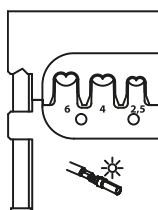
> Suitable for  
Tyco Solarlok®:  
2.5 - 4 - 6 mm<sup>2</sup>



| Code           | No.     | mm <sup>2</sup> |       |
|----------------|---------|-----------------|-------|
| <b>2078082</b> | 8140-23 | 2,5-4-6         | 0,086 |

**8140-24/-25**  
Module insert  
for Multi Contact

> Suitable for Multi  
Contact MC 3 / MC 4:  
2.5 - 4 - 6 mm<sup>2</sup>




| Code           | No.     | Connector type |       |
|----------------|---------|----------------|-------|
| <b>2078090</b> | 8140-24 | MC 3           | 0,056 |
| <b>2078104</b> | 8140-25 | MC 4           | 0,07  |

### S 8140 A

Crimp-wrench-set  
Automotive  
4 pieces



- > Can be individually upgraded by purchasing additional module inserts
- > Module inserts changeable without tools


| Code           | No.      | Contents                | Pieces |  |
|----------------|----------|-------------------------|--------|---|
| <b>1830910</b> | S 8140 A | 8140<br>8140-09 -05 -11 | 4      | 0,754   |

### S 8140 E

Crimp-wrench-set  
Electronic  
4 pieces



- > Can be individually upgraded by purchasing additional module inserts
- > Module inserts changeable without tools


| Code           | No.      | Contents                | Pieces |  |
|----------------|----------|-------------------------|--------|---|
| <b>1830899</b> | S 8140 E | 8140<br>8140-01 -02 -05 | 4      | 0,76  |

### S 8140 J

Crimp-wrench-set  
Industrial  
4 pieces



- > Can be individually upgraded by purchasing additional module inserts
- > Module inserts changeable without tools


| Code           | No.      | Contents                | Pieces |  |
|----------------|----------|-------------------------|--------|---|
| <b>1830929</b> | S 8140 J | 8140<br>8140-02 -06 -18 | 4      | 0,752   |

### S 8140 PN

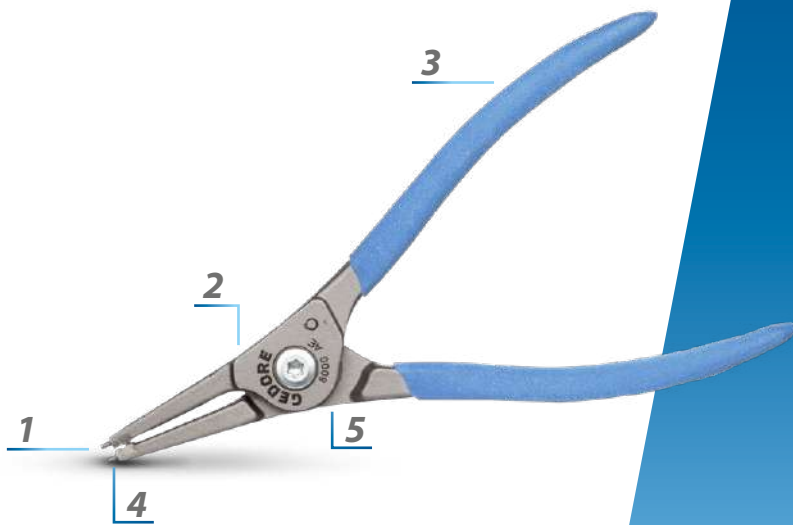
Crimp wrench-set  
STARTER  
In robust plastic case



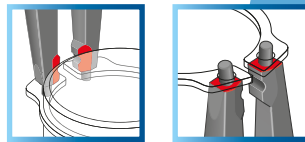
- > Crimping pliers No. 8140 without module inserts for individual assembly
- > In robust plastic case

| Code           | No.       | Contents | Pieces |  |
|----------------|-----------|----------|--------|---|
| <b>1963279</b> | S 8140 PN | 8140     | 4      | 1,589   |

# CIRCLIP PLIERS



Available with blue dipped handle protection from 2021! Please contact us.



## 1

- Flattened tip mounting makes it easier to get at the safety ring eyelets
- Secure tip thanks to keyed press-fixing in the pliers head
- With no retaining groove in the tips, the safety ring cannot be inadvertently bent and it remains absolutely flat. In addition no weakening of the tips from a retaining groove (notching-induced rated breaking point).
- Large contact surface for the safety ring stops it becoming twisted

## 2

Precision, screwed joint. The screw ensures ease in re-adjusting the pliers legs.

## 3

Contoured anti-slip handles stop your hands from slipping

## 4

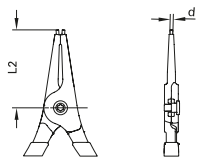
Wear-resistant and accurate! - The hardened and specially inserted tip is of high-grade roller bearing steel and absolutely cylindrical.

## 5

A secure internal spring makes work easier with circlip pliers

### 8000 AE 0 - AE 4

Circlip pliers for external retaining rings Form A

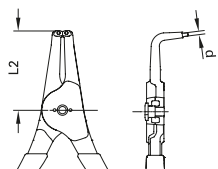


- > For retaining rings as per DIN 471, DIN 983
- > Straight jaws
- > Inside-positioned opening spring
- > Screwed joint connection

| Code    | No.       | ● mm   | ● inch      | L   | L2 | d   | kg    |
|---------|-----------|--------|-------------|-----|----|-----|-------|
| 2930633 | 8000 AE 0 | 3-10   | 5/32-3/8    | 144 | 39 | 0,9 | 0,09  |
| 2930668 | 8000 AE 1 | 10-25  | 3/8-1       | 145 | 39 | 1,3 | 0,095 |
| 2923602 | 8000 AE 2 | 19-60  | 3/4-2.3/8   | 183 | 57 | 1,8 | 0,18  |
| 2930676 | 8000 AE 3 | 40-100 | 1.5/8-4     | 230 | 68 | 2,3 | 0,31  |
| 2930684 | 8000 AE 4 | 85-140 | 3.3/8-5.1/2 | 332 | 95 | 3,2 | 0,59  |

### 8000 AE 01 - AE 41

Circlip pliers for external retaining rings Form B



- > For retaining rings as per DIN 471, DIN 983
- > 90° angled jaws
- > Inside-positioned opening spring
- > Screwed joint connection

| Code    | No.        | ● mm   | ● inch      | L   | L2 | d   | kg    |
|---------|------------|--------|-------------|-----|----|-----|-------|
| 2930692 | 8000 AE 01 | 3-10   | 5/32-3/8    | 133 | 27 | 0,9 | 0,09  |
| 2930706 | 8000 AE 11 | 10-25  | 3/8-1       | 133 | 27 | 1,3 | 0,095 |
| 2930714 | 8000 AE 21 | 19-60  | 3/4-2.3/8   | 170 | 44 | 1,8 | 0,18  |
| 2930730 | 8000 AE 31 | 40-100 | 1.5/8-4     | 217 | 54 | 2,3 | 0,31  |
| 2930749 | 8000 AE 41 | 85-140 | 3.3/8-5.1/2 | 311 | 74 | 3,2 | 0,59  |

### S 8000 AE

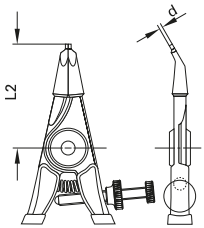
Set of circlip pliers  
4 pieces



| Code    | No.       | Contents          | Pieces |      |
|---------|-----------|-------------------|--------|------|
| 3041980 | S 8000 AE | 8000 AE 1 11 2 21 | 4      | 0,63 |

### 8000 A 0G - A 2G

Circlip pliers for external retaining rings

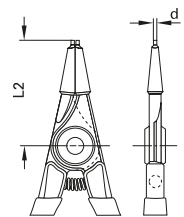


- > For shafts without groove
- > For self-locking Seeger grip rings and for self-locking Benzing clamping rings
- > A 0G - A 1G = 30° angled jaws
- > A 2G = straight tips
- > With opening spring and adjusting screw to limit opening

| Code    | No.       |           |           | L   | L2 | d   |       |
|---------|-----------|-----------|-----------|-----|----|-----|-------|
| 6700140 | 8000 A 0G | 1,5-3,5   | 1,5-3,5   | 140 | 40 | 0,7 | 0,99  |
| 6700220 | 8000 A 1G | 4,0-9,0   | 3,0-11,0  | 140 | 40 | 1,1 | 0,098 |
| 6700300 | 8000 A 2G | 10,0-15,0 | 12,0-16,0 | 182 | 57 | 1,8 | 0,189 |

### 8000 A 0 - A 4

Circlip pliers for external retaining rings  
Form A

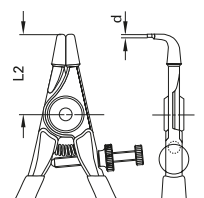


- > For retaining rings as per DIN 471, DIN 983
- > Straight jaws
- > With opening spring
- > With clamping protection

| Code    | No.      |        |             | L   | L2   | d   |       |
|---------|----------|--------|-------------|-----|------|-----|-------|
| 6701380 | 8000 A 0 | 3-10   | 5/32-3/8    | 141 | 40   | 0,9 | 0,096 |
| 6701460 | 8000 A 1 | 10-25  | 3/8-1       | 141 | 40   | 1,3 | 0,098 |
| 6701540 | 8000 A 2 | 19-60  | 3/4-2.3/8   | 182 | 52   |     | 0,186 |
| 6701620 | 8000 A 3 | 40-100 | 1.5/8-4     | 230 | 69   | 2,3 | 0,31  |
| 6701700 | 8000 A 4 | 85-140 | 3.3/8-5.1/2 | 320 | 85,5 | 3,2 | 0,555 |

### 8000 A 01G - A 21G

Circlip pliers for external retaining rings



- > For shafts without groove
- > For self-locking Seeger grip rings and for self-locking Benzing clamping rings
- > 90° angled jaws
- > With opening spring and adjusting screw to limit opening

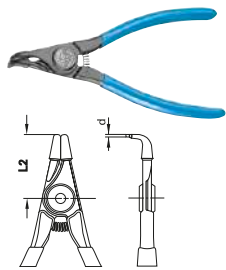
| Code    | No.        |           |           | L   | L2 | d   |       |
|---------|------------|-----------|-----------|-----|----|-----|-------|
| 6700650 | 8000 A 01G | 1,5-3,5   | 1,5-3,5   | 134 | 33 | 0,7 | 0,1   |
| 6700730 | 8000 A 11G | 4,0-9,0   | 3,0-11,0  | 134 | 33 | 1,1 | 0,099 |
| 6700810 | 8000 A 21G | 10,0-15,0 | 12,0-16,0 | 170 | 45 | 1,8 | 0,184 |



## Pliers

### 8000 A 01 - A 41

Circlip pliers for external retaining rings  
Form B



- > For retaining rings as per DIN 471, DIN 983
- > 90° angled jaws
- > With opening spring
- > With clamping protection

| Code    | No.       | mm     | inch        | L   | L2 | d   | kg    |
|---------|-----------|--------|-------------|-----|----|-----|-------|
| 6702270 | 8000 A 01 | 3-10   | 5/32-3/8    | 130 | 29 | 0,9 | 0,097 |
| 6702350 | 8000 A 11 | 10-25  | 3/8-1       | 130 | 29 | 1,3 | 0,097 |
| 6702430 | 8000 A 21 | 19-60  | 3/4-2.3/8   | 170 | 43 | 1,8 | 0,182 |
| 6702510 | 8000 A 31 | 40-100 | 1.5/8-4     | 210 | 53 | 2,3 | 0,317 |
| 6702780 | 8000 A 41 | 85-140 | 3.3/8-5.1/2 | 305 | 64 | 3,2 | 0,563 |

### 8000 A 02 - A 42

Circlip pliers for external retaining rings

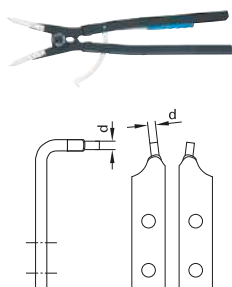


- > 45° angled jaws
- > With opening spring
- > With clamping protection

| Code    | No.       | mm     | inch        | L   | L2   | d   | kg    |
|---------|-----------|--------|-------------|-----|------|-----|-------|
| 2015021 | 8000 A 02 | 3-10   | 5/32-3/8    | 139 | 38   | 0,9 | 0,097 |
| 2015048 | 8000 A 12 | 10-25  | 3/8-1       | 139 | 38   | 1,3 | 0,097 |
| 2015056 | 8000 A 22 | 19-60  | 3/4-2.3/8   | 179 | 51   | 1,8 | 0,182 |
| 2015064 | 8000 A 32 | 40-100 | 1.5/8-4     | 226 | 65   | 2,3 | 0,317 |
| 2015072 | 8000 A 42 | 85-140 | 3.3/8-5.1/2 | 315 | 80,5 | 3,2 | 0,568 |

### 8000 A 4 - A 6

Circlip pliers for external retaining rings



- > Straight tips
- > The toothed bracket stops the pliers legs from straddling beyond the permitted working area
- > This ensures safe working even in hidden fitting positions
- > Non-crush type release-lever with handle recesses, blue dip-insulated

| Code    | No.         | mm      | inch             | d   | mm  | kg    |
|---------|-------------|---------|------------------|-----|-----|-------|
| 2011778 | 8000 A 4 EL | 85-140  | 3.3/8-5.1/2      | 3,2 | 550 | 1,921 |
| 6701890 | 8000 A 5    | 122-300 | 4.13/16-11.7/8   | 3,5 | 550 | 1,921 |
| 6701970 | 8000 A 6    | 252-400 | 9.15/16-15.13/16 | 4,5 | 586 | 1,922 |

| Code    | No.           | d   | kg    |
|---------|---------------|-----|-------|
| 2011670 | E-8000 A 4 EL | 3,2 | 0,072 |
| 5701840 | E-8000 A 5    | 3,5 | 0,072 |
| 5701920 | E-8000 A 6    | 4,5 | 0,112 |

### 8000 A 41 - A 61

Circlip pliers for external retaining rings



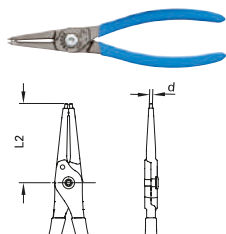
- > 90° angled jaws
- > With clamping protection
- > Reinforced safety arms

| Code    | No.          | mm      | inch             | d   | mm  | kg    |
|---------|--------------|---------|------------------|-----|-----|-------|
| 2011786 | 8000 A 41 EL | 85-140  | 3.3/8-5.1/2      | 3,2 | 560 | 1,898 |
| 6702860 | 8000 A 51    | 122-300 | 4.13/16-11.7/8   | 3,5 | 560 | 1,898 |
| 6718430 | 8000 A 61    | 252-400 | 9.15/16-15.13/16 | 4,5 | 585 | 1,953 |

| Code    | No.            | d   | kg    |
|---------|----------------|-----|-------|
| 2011697 | E-8000 A 41 EL | 3,2 | 0,072 |
| 5702810 | E-8000 A 51    | 3,5 | 0,112 |
| 5701760 | E-8000 A 61    | 4,5 | 0,14  |

### 8000 JE 0 - JE 4

Circlip pliers for internal retaining rings  
Form C

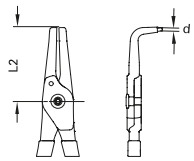


- > For retaining rings as per DIN 472, DIN 984
- > Straight jaws
- > Screwed joint connection

| Code    | No.       | mm     | inch      | L   | L2 | d   | kg   |
|---------|-----------|--------|-----------|-----|----|-----|------|
| 2930757 | 8000 JE 0 | 8-13   | 3/8-9/16  | 139 | 41 | 0,9 | 0,09 |
| 2930765 | 8000 JE 1 | 12-25  | 3/8-1     | 139 | 41 | 1,3 | 0,09 |
| 2930773 | 8000 JE 2 | 19-60  | 3/4-2.3/8 | 182 | 54 | 1,8 | 0,16 |
| 2930781 | 8000 JE 3 | 40-100 | 1.5/8-4   | 230 | 68 | 2,3 | 0,28 |
| 2930803 | 8000 JE 4 | 85-140 | 1.5/8-4   | 324 | 86 | 3,2 | 0,55 |

**8000 JE 01 - JE 41**

Circlip pliers for internal retaining rings  
Form D



- > For retaining rings as per DIN 472, DIN 984
- > 90° angled jaws
- > Screwed joint connection

| Code           | No.        | ○ mm   | ○ inch      | L   | L2 | d   | ⚖    |
|----------------|------------|--------|-------------|-----|----|-----|------|
| <b>2930811</b> | 8000 JE 01 | 8-13   | 3/8-9/16    | 129 | 30 | 0,9 | 0,09 |
| <b>2930838</b> | 8000 JE 11 | 12-25  | 3/8-1       | 129 | 30 | 1,3 | 0,09 |
| <b>2930846</b> | 8000 JE 21 | 19-60  | 3/4-2.3/8   | 170 | 43 | 1,8 | 0,16 |
| <b>2930854</b> | 8000 JE 31 | 40-100 | 1.5/8-4     | 217 | 53 | 2,3 | 0,28 |
| <b>2930862</b> | 8000 JE 41 | 85-140 | 3.3/8-5.1/2 | 310 | 70 | 3,2 | 0,55 |

**S 8000 JE**

Set of circlip pliers  
4 pieces



- > For internal retaining rings
- > With straight and 90° angled tips

| Code           | No.       | Contents          | Pieces | ⚖    |
|----------------|-----------|-------------------|--------|------|
| <b>3041999</b> | S 8000 JE | 8000 JE 1 11 2 21 | 4      | 0,58 |

**8000 J 0 - J 4**

Circlip pliers for internal retaining rings  
Form C

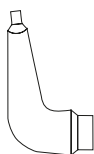


- > For retaining rings as per DIN 472, DIN 984
- > Straight jaws

| Code           | No.      | ○ mm   | ○ inch      | L   | L2   | d   | ⚖     |
|----------------|----------|--------|-------------|-----|------|-----|-------|
| <b>6703240</b> | 8000 J 0 | 8-13   | 3/8-9/16    | 141 | 41   | 0,9 | 0,08  |
| <b>6703320</b> | 8000 J 1 | 12-25  | 3/8-1       | 141 |      | 1,3 | 0,081 |
| <b>6703400</b> | 8000 J 2 | 19-60  | 3/4-2.3/8   | 183 | 54   | 1,8 | 0,164 |
| <b>6703590</b> | 8000 J 3 | 40-100 | 1.5/8-4     | 230 | 68   | 2,3 | 0,281 |
| <b>6703670</b> | 8000 J 4 | 85-140 | 3.3/8-5.1/2 | 322 | 84,5 | 3,2 | 0,472 |

**8000 J 01 - J 41**

Circlip pliers for internal retaining rings  
Form D

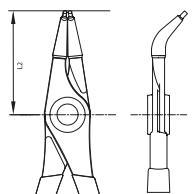


- > For retaining rings as per DIN 472, DIN 984
- > 90° angled jaws

| Code           | No.       | ○ mm   | ○ inch      | L   | L2 | d   | ⚖     |
|----------------|-----------|--------|-------------|-----|----|-----|-------|
| <b>6704130</b> | 8000 J 01 | 8-13   | 3/8-9/16    | 119 | 28 | 0,9 | 0,08  |
| <b>6704210</b> | 8000 J 11 | 12-25  | 3/8-1       | 129 | 28 | 1,3 | 0,082 |
| <b>6704480</b> | 8000 J 21 | 19-60  | 3/4-2.3/8   | 169 | 41 | 1,8 | 0,161 |
| <b>6704560</b> | 8000 J 31 | 40-100 | 1.5/8-4     | 214 | 50 | 2,3 | 0,279 |
| <b>6704640</b> | 8000 J 41 | 85-140 | 3.3/8-5.1/2 | 292 | 65 | 3,2 | 0,484 |

**8000 J 02 - J 42**

Circlip pliers for internal retaining rings



- > 45° angled jaws

| Code           | No.       | ○ mm   | ○ inch      | L   | L2   | d   | ⚖     |
|----------------|-----------|--------|-------------|-----|------|-----|-------|
| <b>2014963</b> | 8000 J 02 | 8-13   | 3/8-9/16    | 139 | 39   | 0,9 | 0,08  |
| <b>2014971</b> | 8000 J 12 | 12-25  | 3/8-1       | 139 | 39   | 1,3 | 0,08  |
| <b>2014998</b> | 8000 J 22 | 19-60  | 3/4-2.3/8   | 180 | 52   | 1,8 | 0,161 |
| <b>2015005</b> | 8000 J 32 | 40-100 | 1.5/8-4     | 226 | 64   | 2,3 | 0,279 |
| <b>2015013</b> | 8000 J 42 | 85-140 | 3.3/8-5.1/2 | 316 | 78,5 | 3,2 | 0,484 |

# i CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS



**1** 3.2/3.5/4.5 mm tip diameters available for 85 to 400 mm rings. Models for internal and external retaining rings

**2** Release lever for controlled slackening of the tension

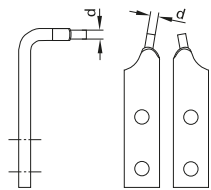
**3** Ratcheting mechanism for easing the work of the user when fitting the retaining rings

- Straight tips
- Black, tips and lock lever zinc-plated
- The toothed bracket stops the pliers legs from straddling beyond the permitted working area
- This ensures safe working even in hidden fitting positions

- Locking pin can be replaced
- Non-crush type release-lever with handle recesses, blue dip-insulated
- Precision machined, oil hardened and annealed
- E-8000 J = pair of spare tips

## 8000 J 4 - J 6

Circlip pliers for internal retaining rings

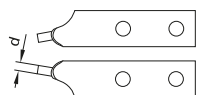


- > Straight tips
- > Black, tips and lock lever zinc-plated
- > The toothed bracket stops the pliers legs from straddling beyond the permitted working area
- > This ensures safe working even in hidden fitting positions
- > Locking pin can be replaced
- > Non-crush type release-lever with handle recesses, blue dip-insulated
- > Precision machined, oil hardened and annealed
- > Pair of replacement tips available

| Code    | No.         | mm      | inch             | d   | mm  | kg    |
|---------|-------------|---------|------------------|-----|-----|-------|
| 2011794 | 8000 J 4 EL | 85-140  | 3.3/8-5.1/2      | 3,2 | 565 | 1,835 |
| 6703750 | 8000 J 5    | 122-300 | 4.13/16-11.7/8   | 3,5 | 565 | 1,836 |
| 6703830 | 8000 J 6    | 252-400 | 9.15/16-15.13/16 | 4,5 | 575 | 1,846 |

## E-8000 J 4 - J 6

Spare tips (pair)



| Code    | No.           | d   | kg    |
|---------|---------------|-----|-------|
| 2011700 | E-8000 J 4 EL | 3,2 | 0,072 |
| 5703700 | E-8000 J 5    | 3,5 | 0,072 |
| 5703890 | E-8000 J 6    | 4,5 | 0,082 |

**8000 J 41 - J 61**

Circlip pliers for internal retaining rings



- > 90° angled jaws
- > With clamping protection
- > Reinforced safety arms

| Code    | No.          | ⌀ mm    | ⌀ inch           | d   | l mm | kg    |
|---------|--------------|---------|------------------|-----|------|-------|
| 2011808 | 8000 J 41 EL | 85-140  | 3.3/8-5.1/2      | 3,2 | 575  | 1,953 |
| 6704720 | 8000 J 51    | 122-300 | 4.13/16-11.7/8   | 3,5 | 575  | 1,953 |
| 6718510 | 8000 J 61    | 252-400 | 9.15/16-15.13/16 | 4,5 | 579  | 1,934 |

| Code    | No.            | d   | kg    |
|---------|----------------|-----|-------|
| 5702730 | E-8000 J 61    | 4,5 | 0,116 |
| 5704780 | E-8000 J 51    | 3,5 | 0,116 |
| 2011719 | E-8000 J 41 EL | 3,2 | 0,072 |

## i PLIERS FOR EXTERNAL RETAINING RINGS

**1**

For holes from 4.5 to 5.9 mm and rings from 305 to 500 mm

**2**

Paralleled jaws for the greatest possible safety and torsion-free clamping

**3**

Release lever for controlled slackening of the tension

**4**

Ratcheting mechanism for easing the work of the user when clamping the retaining rings

- For shafts
- Supplied with four different clamping tips
- The circlip is securely clamped before removal by choosing a suitable distance between the clamping tips.

This means that unnecessary plier movement is avoided, and the circlip may be opened completely. The special parallel movement of the clamping tips and their recesses in the direction of the pressure applied ensure that the circlip will be clamped firmly.

**8005 A**

Circlip pliers for external retaining rings



- > For shafts
- > Includes 4 different tips (detailed instructions are included with the pliers)
- > By using a suitably wide pairing of the pick-up tips, the ring is securely fixed before the actual tong stroke. This prevents unnecessary idle stroke and the ring can be opened completely.

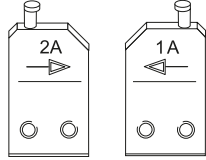
- > The special parallel movement of the clamping tips and their recesses in the direction of the pressure applied ensure that the circlip will be clamped firmly

| Code    | No.    | ⌀ mm    | ⌀ mm | l mm | kg   |
|---------|--------|---------|------|------|------|
| 6707150 | 8005 A | 305-500 | 5,9  | 665  | 3,52 |

Pliers

E-8005 A

Tips for external retaining rings (per piece)



- > The spacing of holes for non-tensioned circlips is normally between 20 mm and 50 mm
- > The tips used to spread the rings are fitted to match the opening width of the non-tensioned circlip

| Code    | No.        |       |
|---------|------------|-------|
| 5700790 | E 8005 1 A | 0,068 |
| 5702220 | E 8005 2 A | 0,068 |
| 5702300 | E 8005 3 A | 0,068 |
| 5702490 | E 8005 4 A | 0,068 |

8005 J

Circlip pliers for internal retaining rings



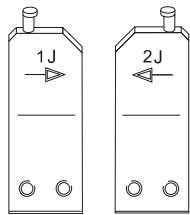
- > For holes
- > Includes 6 different tips (detailed instructions are included with the pliers)
- > By using a suitably wide pairing of the pick-up tips, the ring is securely fixed before the actual tong stroke. This prevents unnecessary idle stroke and the ring can be opened completely.

- > The special parallel movement of the clamping tips and their recesses in the direction of the pressure applied ensure that the circlip will be clamped firmly

| Code    | No.    | mm      | mm  | mm  |       |
|---------|--------|---------|-----|-----|-------|
| 6707230 | 8005 J | 305-500 | 5,9 | 705 | 3,885 |

E-8005 J

Tips for internal retaining rings



- > The spacing of holes for non-tensioned circlips is normally between 80 mm and 140 mm
- > The tips used to spread the rings are fitted to match the opening width of the non-tensioned circlip

| Code    | No.        |       |
|---------|------------|-------|
| 5703380 | E 8005 1 J | 0,116 |
| 5703460 | E 8005 2 J | 0,116 |
| 5704190 | E 8005 3 J | 0,116 |
| 5703540 | E 8005 4 J | 0,113 |
| 5703620 | E 8005 5 J | 0,116 |
| 5703970 | E 8005 6 J | 0,116 |

8007

V-GRIP mounting pliers



- > Universal circlip pliers for risk-free gripping and fitting of internal and external circlips (DIN 471/472) from 305 to 1000 mm diameter
- > Round thread spindle enables fatigue-free and safe clamping
- > Maintenance-free (no lubrication necessary) and dirt insensitive spindle due to PVD coating
- > No twisting of the retaining rings due to accurately fitting tips
- > Haltegriff abnehmbar

- > 3/8" square for attaching a 3/8" ratchet (e.g. 3093 Z) or for using a screwdriver bit No. IN 30 8
- > The precisely fitting tips reliably prevent the retaining rings from slipping
- > No conversion from internal to external retaining rings necessary
- > Easy and quick adjustment of the opening width due to clearly visible scale

| Code    | No.         | mm         | mm  | mm  |      |
|---------|-------------|------------|-----|-----|------|
| 3084493 | 8007 V-GRIP | 305 – 1000 | 5,9 | 120 | 2,65 |

## E-8007V

Insert tip



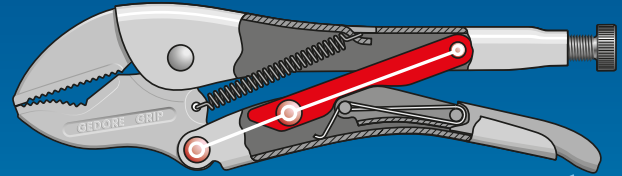
| Code    | No.       |  |
|---------|-----------|---|
| 3084779 | E-8007V-6 | 0,008   |
| 3084795 | E-8007V-9 | 0,014   |

## i THE TOGGLE LEVER

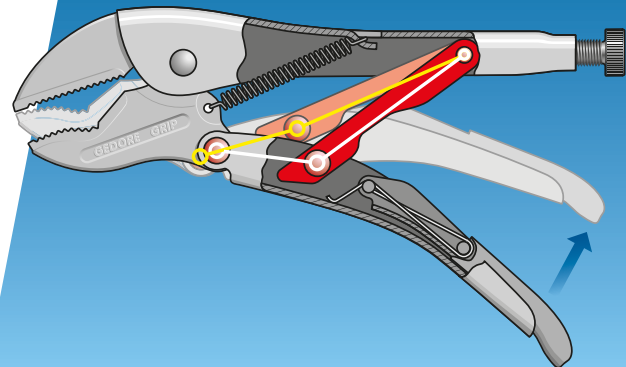
### A giant among the joints

- Similar in construction to the human leg and consisting of hip, knee and ankle joints
- The knee joint's intelligent power management is its unbeatable advantage:
- Clever utilization of the physical lever laws \*)
- Rapid and powerful even with a reduced operating force
- Ideal for optimum pressure and clamping operations
- Maximum pressing/clamping force with knee lever extended – even with automatic locking effect i.e. self-clamping effect (e.g. with grip pliers) relieved by operating the releasing lever
- Constant high quality of work

\*) Considerable paths are rapidly bridged involving little hand power. Just before "stretching", a short path is covered with an exceptional lever force. That is why it is used everywhere where considerable paths need to be initially covered without any noticeable force used and where the real "work" needs to be done over the last few millimetres. This is the case, for instance, with bolt cutters and crimping/grip pliers.



Self-clamping effect – can only be cancelled by operating the releasing lever!






## 137

Grip wrench



- > With adjusting screw and release lever, model 137 KR-10 with blue dip-insulated lever
- > Automatically welded upper jaw - absolutely firm connection with the steel sheet body
- > Sophisticated jaw shape guarantees three-point support for any material cross section
- > No widening under most extreme loading
- > Release lever under constant pressure of special spring

| Code    | No.    | ◀ mm ▶ | ◀ "inch ▶ | mm  | "inch  |  |
|---------|--------|--------|-----------|--|---|---|
| 6406620 | 137 7  | 185    | 7"        | 25   | 1   | 0,288   |
| 6406700 | 137 10 | 230    | 10"       | 32   | 1.1/4   | 0,526   |
| 6407270 | 137 11 | 260    | 11"       | 45   | 1.3/4   | 0,79  |
| 6406890 | 137 12 | 300    | 12        | 45   | 1.3/4   | 1,042   |

## **i** GRIP WRENCH

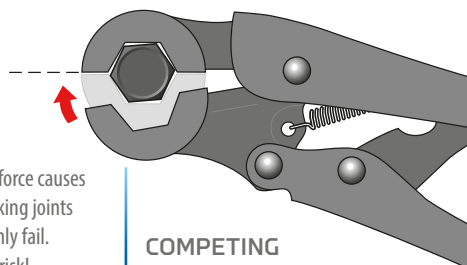
The difference comes from the special profile and shape.

Positive fit joint to the screw/nut is down to the special design of the plier jaw\*

A lack of force causes force-locking joints to suddenly fail. Accident risk!

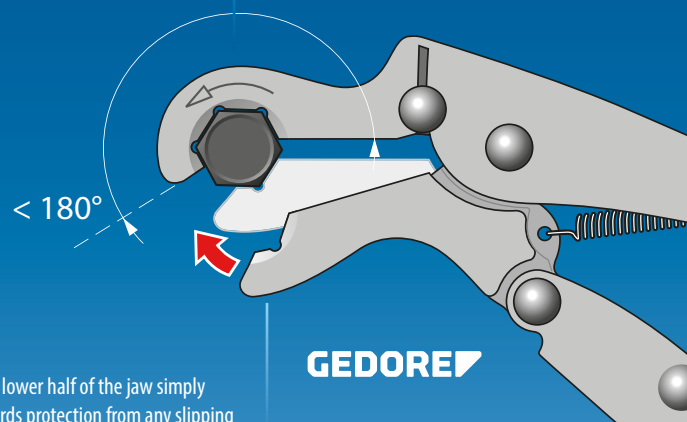
**COMPETING COMPANY**

\* Positive fit joints are not suddenly released. They need, in fact, to change their geometric form; a visible change in form quasi announces their failure.



**CENTRAL HEXAGONAL PITCH FRICTION-LOCKED**

The upper jaw section covers more than half of the screw head/ nut. This produces a positive fit between grip wrench and screw/ nut.



The lower half of the jaw simply affords protection from any slipping from the screw/nut. The actual torque is transferred in the upper, positive locking zone.

**OFF-CENTRE HEXAGONAL PITCH FORMSHAPE**

### 137 Grip wrench



- > For worn screw connections which otherwise would be difficult to open
- > Especially suitable for brake lines, track rod adjustment, etc.

| Code           | No.       | ⌀ mm | ⌀ "AF | ↳ mm ▷ | ⚖ kg  |
|----------------|-----------|------|-------|--------|-------|
| <b>2325314</b> | 137 7-10  | 10   |       | 190    | 0,324 |
| <b>2325322</b> | 137 7-11  | 11   | 7/16  | 190    | 0,321 |
| <b>2325330</b> | 137 7-12  | 12   |       | 195    | 0,329 |
| <b>2325349</b> | 137 7-13  | 13   |       | 195    | 0,326 |
| <b>2325357</b> | 137 7-14  | 14   |       | 198    | 0,343 |
| <b>2325365</b> | 137 7-15  | 15   | 19/32 | 198    | 0,346 |
| <b>2325373</b> | 137 10-16 | 16   | 5/8   | 250    | 0,591 |
| <b>2325381</b> | 137 10-17 | 17   |       | 250    | 0,587 |
| <b>2325403</b> | 137 10-18 | 18   |       | 255    | 0,607 |
| <b>2325411</b> | 137 10-19 | 19   | 3/4   | 255    | 0,6   |
| <b>2325438</b> | 137 10-20 | 20   | 25/32 | 258    | 0,623 |
| <b>2325446</b> | 137 10-21 | 21   |       | 258    | 0,62  |
| <b>2325454</b> | 137 10-22 | 22   |       | 260    | 0,63  |
| <b>2788349</b> | 137 10-24 | 24   |       | 253    | 0,642 |
| <b>2788357</b> | 137 10-27 | 27   |       | 258    | 0,645 |



### 139

Special grip wrench



- > With movable lower jaw for clamping over a large area

| Code           | No. | mm  | inch | mm | inch  | kg    |
|----------------|-----|-----|------|----|-------|-------|
| <b>6407940</b> | 139 | 250 | 10   | 45 | 1.3/4 | 0,577 |

### 137 KR

Grip wrench, long jaws



- > With narrow jaws
- > For clamping air and brake lines up to Ø 10 mm, copper lines Ø 12 mm

| Code           | No.       | mm  | kg    |
|----------------|-----------|-----|-------|
| <b>1954113</b> | 137 KR-7  | 210 | 0,292 |
| <b>1868039</b> | 137 KR-10 | 255 | 0,54  |

### 137 P

Parallel jaw grip wrench



- > Hot forged, hardened and tempered parallel jaws
- > Opening: 50 mm
- > With adjusting screw
- > Release lever under constant pressure of special spring

| Code           | No.   | mm  | inch | mm | inch | kg    |
|----------------|-------|-----|------|----|------|-------|
| <b>6407000</b> | 137 P | 250 | 10   | 50 | 2    | 0,701 |

### 137 MSP

Machine workbench clamp



- > For fast, secure clamping of a variety of workpieces
- > Suitable for sliding blocks with M8, M10, M12 thread
- > Tenon block not included

| Code           | No.     | mm  | inch | mm  | inch | kg   |
|----------------|---------|-----|------|-----|------|------|
| <b>6408080</b> | 137 MSP | 280 | 11   | 100 | 4    | 0,79 |

### 136 BM

Wide jaw grip wrench



- > For clamping edges and surfaces
- > 80 mm Mouth width

| Code           | No.    | mm  | inch | mm | inch  | kg    |
|----------------|--------|-----|------|----|-------|-------|
| <b>6406030</b> | 136 BM | 200 | 8    | 30 | 1.1/4 | 0,416 |

### 137 T

Grip wrench for glueing

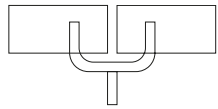


- > For clamping length wise or corner joints of extremely long bases and surrounds, lintels, banisters and frames, arched windows, worktops, corner benches, etc.

| Code           | No.  | mm  | inch | mm | inch  | kg    |
|----------------|------|-----|------|----|-------|-------|
| <b>6403600</b> | 137T | 220 | 9    | 60 | 2.1/2 | 0,494 |

Pliers

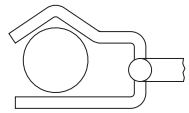
**138**  
Welder's grip wrench



- > For clamping strips and profile sections when welding

| Code    | No. | mm  | inch | mm | kg   |
|---------|-----|-----|------|----|------|
| 6407350 | 138 | 280 | 11   | 90 | 0,96 |

**138 X**  
Welder's grip wrench for tubes



- > For clamping tubes and round stock when welding
- > Cast steel jaws

| Code    | No.   | mm  | inch | mm | inch  | kg    |
|---------|-------|-----|------|----|-------|-------|
| 6407510 | 138 X | 280 | 11   | 90 | 3.1/2 | 0,967 |

**138 Y**  
Profile-section grip wrench



- > For clamping bulky profile and angle sections
- > Strong forged jaws

| Code    | No.   | mm  | inch | mm | inch  | mm | inch | kg    |
|---------|-------|-----|------|----|-------|----|------|-------|
| 6407860 | 138 Y | 280 | 11   | 95 | 3.3/4 | 75 | 3    | 0,763 |

**138 Z**  
Profile-section grip wrench



- > For clamping extremely bulky profile sections
- > Particularly large clamping depth

| Code    | No.       | mm  | inch | mm  | inch | mm  | inch | kg    |
|---------|-----------|-----|------|-----|------|-----|------|-------|
| 6410730 | 138 Z-460 | 460 | 18   | 280 | 11   | 250 | 10   | 1,164 |
| 6410810 | 138 Z-600 | 600 | 24   | 400 | 16   | 400 | 16   | 1,428 |

**136 K**  
Chain grip wrench



- > Especially suitable for clamping geometrically difficult cross-sections
- > With No. 136 K-105 the legs of various pullers - following locking - can be spanned with the chain at the component to be extracted and tightened. This stops the legs bending outwards and slipping. Pulling is still possible even if the legs have a very restricted contact surface.

| Code    | No.       | max. Ø | mm    | kg  |
|---------|-----------|--------|-------|-----|
| 2307227 | 136 K-105 | 330    | 1.050 | 1,5 |

## **i** 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®

**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 special chrome-vanadium steel, hardened and tempered

**4**

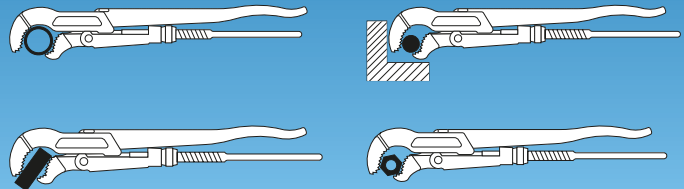
The mouth of the jaw opening is always narrower than the pipe diameter, reliably preventing the workpiece from slipping out. Securely grips pipes and screw couplings

**5**

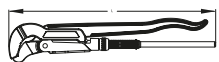
Stove enamelling guarantees long-life protection

### 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

**100**

Elbow pipe wrench  
ECK-SCHWEDE-snap® -  
the Swedish

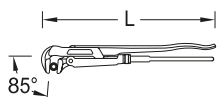


- › Acc. to DIN 5234 Form C
- › High-performance three-point pipe wrench
- › Especially suitable for work in confined spaces
- › Drop-forged
- › Self-gripping by teeth offset against direction of rotation

| Code           | No.       | Size  | mm  | L   |      |
|----------------|-----------|-------|-----|-----|------|
| <b>4500140</b> | 100 1     | 1     | 48  | 320 | 0,8  |
| <b>4500220</b> | 100 1.1/2 | 1.1/2 | 60  | 420 | 1,4  |
| <b>4500300</b> | 100 2     | 2     | 80  | 550 | 2,24 |
| <b>4500490</b> | 100 3     | 3     | 110 | 630 | 3,58 |

**175**

Pipe wrench  
Swedish pattern

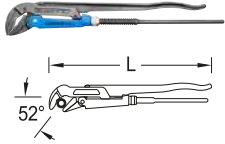


- › Acc. to DIN 5234 Form A
- › Particularly solid design for high loads
- › Head angled 85°
- › Drop-forged
- › Self-gripping by teeth offset against direction of rotation

| Code           | No.       | Size  | mm  | L   |       |
|----------------|-----------|-------|-----|-----|-------|
| <b>6437340</b> | 175 1     | 1     | 44  | 280 | 0,695 |
| <b>6437420</b> | 175 1.1/2 | 1.1/2 | 62  | 430 | 1,47  |
| <b>6437500</b> | 175 2     | 2     | 76  | 580 | 2,55  |
| <b>6437690</b> | 175 3     | 3     | 105 | 670 | 3,78  |
| <b>6437770</b> | 175 4     | 4     | 130 | 760 | 5,635 |

Pliers

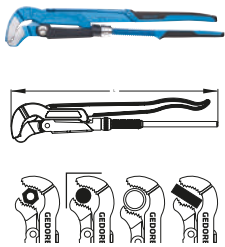
**176**  
Elbow pipe wrench  
ECK-SCHWEDE®



- > Acc. to DIN 5234 Form B
- > Especially suitable for work in confined spaces
- > With narrow jaw head, multi-grip jaw pattern, angled 52°
- > Drop-forged
- > Self-gripping by teeth offset against direction of rotation

| Code    | No.       | Size  | mm | L   | kg    |
|---------|-----------|-------|----|-----|-------|
| 6438150 | 176 1     | 1     | 44 | 320 | 0,775 |
| 6438230 | 176 1.1/2 | 1.1/2 | 62 | 430 | 1,405 |
| 6438310 | 176 2     | 2     | 76 | 580 | 2,57  |

**9100 2K**  
Elbow pipe wrench



- > Acc. to DIN 5234 Form C
- > Especially suitable for work in confined spaces
- > Drop-forged
- > Self-gripping by teeth offset against direction of rotation
- > Particularly slip-proof due to non-slip surfaces, in sizes 1" and 1.1/2" with 2-component handles

| Code    | No.           | Size  | 2C-handle | mm | L   | kg  |
|---------|---------------|-------|-----------|----|-----|-----|
| 2530260 | 9100 2K 1     | 1     | X         | 48 | 320 | 0,8 |
| 2530279 | 9100 2K 1.1/2 | 1.1/2 | X         | 60 | 420 | 1,4 |
| 2530287 | 9100 2K 2     | 2     |           | 80 | 550 | 2,2 |

**E-100 / E-175 / E-9100**  
Spare parts



- > A = roller / spare nut
- > B = Circlip

| Code    | No.            | No. 100 | No. 175 | No. 176 | No. 9100 | kg    |
|---------|----------------|---------|---------|---------|----------|-------|
| 1682938 | E-100 A 1      | 1       |         | 1       |          | 0,03  |
| 1737597 | E-100 A 1.1/2  | 1.1/2   |         | 1.1/2   |          | 0,04  |
| 1628984 | E-100 A 2      | 2 + 3   |         | 2       |          | 0,07  |
| 5436240 | E-100 B 1/2    | 1/2     | 3/4 + 1 | 3/4     | 1/2      | 0,001 |
| 5436400 | E-100 B 1      | 1       | 1.1/2   | 1       | 1        | 0,002 |
| 5436590 | E-100 B 1.1/2  | 1.1/2   | 2       | 1.1/2   | 1.1/2    | 0,001 |
| 5436670 | E-100 B 2      | 2 + 3   | 3 + 4   | 2 + 3   | 2 + 3    | 0,02  |
| 5435190 | E-175 A 1      |         | 1       |         |          | 0,03  |
| 5435270 | E-175 A 1.1/2  |         | 1.1/2   |         |          | 0,04  |
| 5435350 | E-175 A 2      |         | 2       |         |          | 0,07  |
| 5435430 | E-175 A 3      |         | 3       | 3       |          | 0,07  |
| 1391607 | E-175 A 4      |         | 4       |         |          | 0,08  |
| 2601281 | E-9100 A 1.1/2 |         |         |         | 1.1/2    | 0,012 |
| 2601311 | E-9100 A 2     |         |         |         | 2 + 3    | 0,025 |

**225**  
Pipe wrench

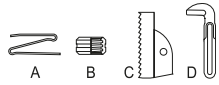


- > Stillson Type
- > Self-gripping by teeth offset against direction of rotation

| Code    | No.    | mm  | inch | mm   | inch  | inch  | kg   |
|---------|--------|-----|------|------|-------|-------|------|
| 2964813 | 225 10 | 250 | 10   | 33,5 | 1.3/8 | 1     | 0,48 |
| 2964821 | 225 12 | 300 | 12   | 42   | 1.3/4 | 1.1/4 | 0,68 |
| 2964848 | 225 14 | 350 | 14   | 48   | 1.7/8 | 1.1/2 | 0,94 |
| 2964856 | 225 18 | 450 | 18   | 60   | 2.3/8 | 2     | 1,55 |
| 2964864 | 225 24 | 600 | 24   | 75,5 | 3     | 2.1/2 | 2,48 |
| 2964872 | 225 36 | 900 | 36   | 102  | 4     | 3.1/2 | 4,82 |

## 227

Pipe wrench  
American pattern

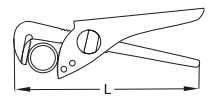


- > Extra heavy type
- > Tothing offset against the direction of rotation and inductively hardened

| Code           | No.    | mm  | inch | mm | inch  | inch  | inch |       |
|----------------|--------|-----|------|----|-------|-------|------|-------|
| <b>6453030</b> | 227 8  | 190 | 8    | 38 | 1.1/2 | 1     |      | 0,44  |
| <b>6453110</b> | 227 10 | 245 | 10   | 48 | 1.7/8 | 1.1/2 |      | 0,85  |
| <b>6453460</b> | 227 14 | 325 | 14   | 60 | 2.3/8 | 2     |      | 1,751 |
| <b>6453540</b> | 227 18 | 415 | 18   | 76 | 3     | 2.1/2 |      | 2,701 |
| <b>6453620</b> | 227 24 | 560 | 24   | 89 | 3.1/2 | 3     |      | 4,28  |

## 152

High-speed pipe wrench  
with screw adjuster



- > With forged components
- > Quick and easy setting with screw adjuster - single-hand adjustment
- > Gripping faces selfinhibiting

| Code           | No.    | L   | L" | mm | inch   | Pipes | Sockets |       |
|----------------|--------|-----|----|----|--------|-------|---------|-------|
| <b>6419360</b> | 152 9  | 228 | 9  | 42 | 1.5/8  | 1.1/4 | 1       | 0,531 |
| <b>6419440</b> | 152 11 | 281 | 11 | 61 | 2.3/8  | 2     | 1.3/4   | 0,851 |
| <b>6419520</b> | 152 12 | 315 | 12 | 74 | 3      | 2.1/2 | 2       | 1,038 |
| <b>6419600</b> | 152 14 | 360 | 14 | 90 | 3.9/16 | 3     | -       | 1,656 |

## 183

Plier wrench



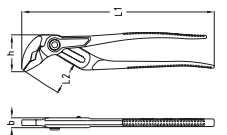
- > One tool that works like a spanner and pliers
- > Careful assembly of bolt connections with delicate surfaces (e.g. chrome-plated fittings)
- > Perfect for bending, holding, pressing and gripping a wide range of workpieces
- > Sliding mechanism and paralleled jaws for quick and easy adjustment, variable

- > Safe locking of the setting when the size of the opening is selected
- > Sliding mechanism may be activated from almost any setting
- > Can be used as a powerful vice when on the move

| Code           | No.       | Size [Inch] | mm  | mm |       |
|----------------|-----------|-------------|-----|----|-------|
| <b>3066029</b> | 183 7TC   | 7           | 180 | 42 | 0,265 |
| <b>3066061</b> | 183 10 JC | 10          | 250 | 52 | 0,575 |
| <b>3066037</b> | 183 10TC  | 10          | 250 | 52 | 0,53  |

## 142

Universal pliers

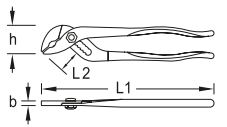


- > Acc. to DIN ISO 8976 Form C
- > With box joint and clamping protection
- > Fine adjustment by push button
- > Push-button one-hand adjustment with large actuating surface
- > Narrow pliers head for hard-to-reach places
- > Long pliers jaws
- > Offset gripping surfaces, self-clamping on nuts and tubes

| Code           | No.       | L   | L2 | b   | h    | mm |       |
|----------------|-----------|-----|----|-----|------|----|-------|
| <b>2668211</b> | 142 7TL   | 180 | 32 | 6,5 | 40,0 | 37 | 0,183 |
| <b>2668238</b> | 142 7 C   | 180 | 32 | 6,5 | 40,0 | 37 | 0,173 |
| <b>6416340</b> | 142 10 JC | 260 | 39 | 7,5 | 48,0 | 38 | 0,417 |
| <b>6416260</b> | 142 10 C  | 255 | 39 | 7,5 | 48,0 | 38 | 0,38  |
| <b>6416180</b> | 142 10 TL | 255 | 39 | 7,5 | 48,0 | 38 | 0,371 |
| <b>1995553</b> | 142 12 C  | 300 | 43 | 8,5 | 55,0 | 44 | 0,53  |
| <b>1995413</b> | 142 12 TL | 309 | 43 | 8,5 | 55,0 | 44 | 0,55  |

## Pliers

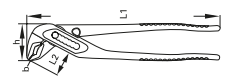
### 145 Water-pump-pliers



- > Acc. to DIN ISO 8976 Form A
- > Lay-on slip joint and toothed recess
- > Induction-hardened serrated faces, with protection against blocking
- > Clamps automatically on pipes and nuts

| Code    | No.       | L   | L2 | b   | h    | mm | kg    |
|---------|-----------|-----|----|-----|------|----|-------|
| 6412000 | 145 10 C  | 250 | 41 | 7,8 | 47,0 | 39 | 0,365 |
| 6415610 | 145 10 JC | 260 | 41 | 7,8 | 47,0 | 39 | 0,425 |

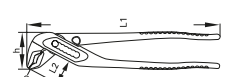
### 146 Universal pliers 7 settings



- > Acc. to DIN ISO 8976 Form C
- > With safety box joint and protection against blocking
- > Automatic clamping with offset gripping surfaces

| Code    | No.       | L   | L2   | b   | h    | mm | kg    |
|---------|-----------|-----|------|-----|------|----|-------|
| 6413240 | 146 10 C  | 250 | 32,5 | 4,8 | 48,0 | 31 | 0,335 |
| 2672626 | 146 10 JC | 250 | 32,5 | 4,8 | 48,0 | 31 | 0,4   |

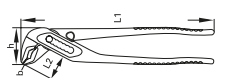
### 146 B Special water pump pliers 5 settings



- > Acc. to DIN ISO 8976 Form C
- > With fast adjustment and tooth-lock box joint and toothed aperture
- > Absolutely safe - no slipping out of adjustment during work
- > With clamping protection

| Code    | No.      | L   | L2 | b   | h    | mm | kg    |
|---------|----------|-----|----|-----|------|----|-------|
| 6412510 | 146 B 10 | 250 | 45 | 8,0 | 55,0 | 50 | 0,485 |

### 9144 Water-pump-pliers



- > Acc. to DIN ISO 8976
- > With box joint

| Code    | No.    | L   | L2 | b   | h    | mm | kg   |
|---------|--------|-----|----|-----|------|----|------|
| 4533230 | 914417 | 175 | 28 | 7,0 | 33,0 | 26 | 0,15 |
| 4533310 | 914424 | 240 | 35 | 7,5 | 40,0 | 33 | 0,29 |
| 4533580 | 914430 | 300 | 40 | 9,0 | 60,0 | 45 | 0,48 |

### 120 Chain pipe wrench BOSS



- > Ideal for use in hard to reach places
- > Ratchet-type operation
- > Particularly slip-proof due to plastic handle

| Code    | No.    | Size  | Ø mm   | ↳ mm | kg   |
|---------|--------|-------|--------|------|------|
| 4502350 | 120000 | 3/8-4 | 17-114 | 355  | 0,84 |

### E 120 Spare chain BOSS



| Code    | No.    | ↳ mm | kg   |
|---------|--------|------|------|
| 4535280 | 120200 | 450  | 0,32 |

### 122

Chain pipe wrench  
American pattern



- > High performance due to maximum-possible lever action
- > With hardened, double-sided toothed, interchangeable jaws

| Code    | No.    | Size    | ∅ mm   | ↳ inch | ↳ mm  | kg   |
|---------|--------|---------|--------|--------|-------|------|
| 4535360 | 122002 | 1/8-2   | 10-60  | 20     | 510   | 2,5  |
| 4535440 | 122003 | 1/4-3   | 13-89  | 28     | 710   | 4    |
| 4502430 | 122004 | 3/4-4   | 27-114 | 37     | 940   | 6,6  |
| 4502510 | 122006 | 1-6     | 33-168 | 43     | 1.090 | 9,1  |
| 4548340 | 122008 | 1.1/2-8 | 48-219 | 50     | 1.275 | 13   |
| 4548420 | 122012 | 2-12    | 60-324 | 63     | 1.600 | 22,1 |

### E 122

Spare chain



| Code    | No.    | Size    | ↳ mm  | kg    |
|---------|--------|---------|-------|-------|
| 4548500 | 122202 | 1/8-2   | 380   | 0,725 |
| 4548690 | 122203 | 1/4-3   | 490   | 0,950 |
| 4548770 | 122204 | 3/4-4   | 610   | 1,41  |
| 4548850 | 122206 | 1-6     | 850   | 2,2   |
| 4548930 | 122208 | 1.1/2-8 | 1.080 | 3,3   |
| 4549070 | 122212 | 2-12    | 1.450 | 5,74  |

### E 122

Spare jaw (Pair)



| Code    | No.    | Size    | kg   |
|---------|--------|---------|------|
| 4549150 | 122302 | 1/8-2   | 0,34 |
| 4549230 | 122303 | 1/4-3   | 1,03 |
| 4549310 | 122304 | 3/4-4   | 1,52 |
| 4549580 | 122306 | 1-6     | 2,1  |
| 4549660 | 122308 | 1.1/2-8 | 2,64 |
| 4549740 | 122312 | 2-12    | 4,45 |

### 8385

Wire twisting pliers



- > For twisting and cutting safety wires
- > 45° bevelled
- > Extra narrow head shape
- > Twists wires from 0.5 to 1.6 mm Ø
- > Clockwise or counterclockwise twisting, adjustable by turning handle
- > Automatic spring return after the whirling cycle

| Code    | No.  | ↳ inch | ↳ mm | kg  |
|---------|------|--------|------|-----|
| 1979957 | 8385 | 9      | 229  | 0,4 |

### 304

Seaming pliers  
straight



- > Straight pattern

| Code    | No.    | mm | ↳ mm | kg   |
|---------|--------|----|------|------|
| 4508550 | 304060 | 60 | 265  | 0,59 |

### 305

Seaming pliers  
bent pattern



- > 45° angled

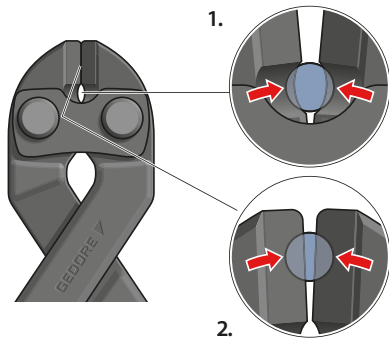
| Code    | No.    | mm | ↳ mm | kg   |
|---------|--------|----|------|------|
| 4508630 | 305060 | 60 | 265  | 0,63 |



# BOLT CUTTERS

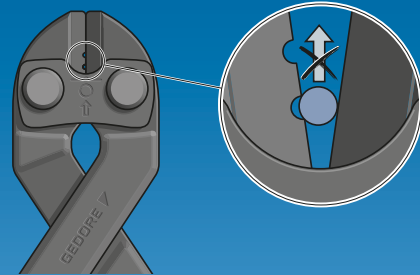
## 8340

- With a cut soft, medium-hard or hard wires up to 4 mm Ø are separated
- The gliding ahead of the cutting material is prevented by two one-sided micro-grooves and thus is always stays in optimal cutting position

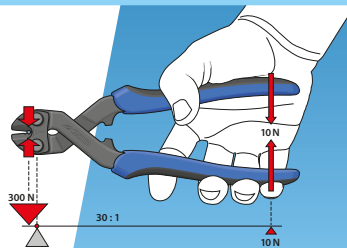


## 8340

- With two cuts soft, medium-hard or hard wires from 4 to 6 mm Ø are separated
- The extra cutting edge (1) serves as first cut for thick bolts and engraves them deeply
- In the second step, the main cutting edge (2) cuts through the bolt completely



- Compact power bolt cutter with a particularly effective cutting performance
- Optimum lever action requires less effort
- Wear-free rotating/thrust block bolt to reduce sliding friction when cutting
- Force optimised, joint-near cutting is guaranteed



- The effective force multiplication ratio of 1:30 results of the joint-near use of the cutting edge
- Here the lever ratio of hand to cutting force is optimal
- A gliding ahead from this cutting position is prevented by the micro-grooves resp. the additional cutting edge

## 8340

Bolt cutter



- › Cutting edges additionally inductively hardened (63 - 65 HRC)
- › The gliding ahead of the cutting material is prevented by two one-sided micro-grooves and thus is always stays in optimal cutting position
- › Precision cutting edges for soft wire up to Ø 6.0 mm, hard and piano wire up to Ø 3.8 mm

| Code    | No.         | ↳ mm ‹ |  |
|---------|-------------|--------|---|
| 2541300 | 8340-200 JL | 200    | 0,389   |
| 2541289 | 8340-200 TL | 200    | 0,338   |

## 8340 Z

Bolt cutter



- › Cutting edges additionally inductively hardened (63 - 65 HRC)
- › Double-sided milling with additional cutting edge, in the area close to the joint, guarantees best leverage for large wire diameters
- › The additional cutting edge serves as a pre-cutter for

- thick bolts and notches them very deeply
- › In the second step, the main cutting edge cuts through the bolt completely
- › Precision cutting edges for soft wire up to Ø 6.0 mm, hard wire up to Ø 5.5 mm and piano wire up to Ø 3.8 mm

| Code    | No.           | ↳ mm ‹ |  |
|---------|---------------|--------|---|
| 2666324 | 8340 Z-200 JL | 200    | 0,389   |
| 2666316 | 8340 Z-200 TL | 200    | 0,338   |

### 8178

Bolt cutter



- > Double cam bolt adjustment
- > Cutting head replaceable
- > Max. cutting performance 49 HRC
- > 48 HRC  $\approx$  1590 N / mm<sup>2</sup> Tensile strength

| Code    | No.      | ● mm | ◀ mm ▶ | ◀ "inch ▶ | kg   |
|---------|----------|------|--------|-----------|------|
| 2675137 | 8178 460 | 5,0  | 460    | 18        | 1,68 |
| 2675145 | 8178 620 | 7,0  | 620    | 24        | 2,46 |
| 2675153 | 8178 780 | 8,0  | 780    | 30        | 4,7  |
| 2675161 | 8178 900 | 9,0  | 900    | 36        | 5    |

### E-8178

Spare cutting head



| Code    | No.        | kg   |
|---------|------------|------|
| 2675196 | E-8178 460 | 0,44 |
| 2675218 | E-8178 620 | 0,8  |
| 2675226 | E-8178 780 | 1,46 |
| 2675234 | E-8178 900 | 1,47 |

### 8179

Concrete mesh and bolt cutter



- > Double cam bolt adjustment
- > Cutting head replaceable
- > Max. cutting performance in round stock 40 HRC, 9 mm or 2 x 8 mm
- > 40 HRC  $\approx$  1290 N / mm<sup>2</sup> Tensile strength

| Code    | No.      | ● mm    | ◀ mm ▶ | kg  |
|---------|----------|---------|--------|-----|
| 2675188 | 8179 900 | 9 / 2x8 | 900    | 3,5 |

### E-8179

Spare cutting head



| Code    | No.        | kg   |
|---------|------------|------|
| 2675242 | E-8179 900 | 0,98 |

### S 8003 TL

Pliers set  
3 pieces



- > Practical set composition

| Code    | No.       | Contents  | Pieces | kg    |
|---------|-----------|---|--------|-------|
| 6755470 | S 8003 TL | Flat nose pliers No. 8132-160 TL, 160 mm, immersion-insulated<br>Power combination pliers No. 8250-180 TL, 180 mm, immersion insulated<br>Power side cutters No. 8316-160 TL, 160 mm, dip-insulated | 3      | 0,642 |

### 230

Blacksmith's tongs



- > With flat mouth

| Code    | No.     | ◀ mm ▶ | for workpieces | kg   |
|---------|---------|--------|----------------|------|
| 8842510 | 230-300 | 300    | 6 mm           | 0,5  |
| 8842780 | 230-400 | 400    | 8 mm           | 0,86 |
| 8842860 | 230-500 | 500    | 10 mm          | 1,24 |
| 8842940 | 230-600 | 600    | 14 mm          | 1,71 |

Pliers

**231**  
Blacksmith's tongs  
mit rundem Maul



| Code           | No.     | ↳ mm ↲ | for workpieces |      |
|----------------|---------|--------|----------------|------|
| <b>8843590</b> | 231-400 | 400    | 12 mm          | 0,87 |
| <b>8843670</b> | 231-500 | 500    | 16 mm          | 1,22 |

**233**  
Blacksmith's tongs  
with wolf's jaw



| Code           | No.     | ↳ mm ↲ | for workpieces |      |
|----------------|---------|--------|----------------|------|
| <b>8845100</b> | 233-300 | 300    | 6 mm           | 0,61 |
| <b>8845290</b> | 233-400 | 400    | 8 - 10 mm      | 0,93 |
| <b>8845370</b> | 233-500 | 500    | 12 mm          | 1,32 |

**S 8003 JC**  
Pliers set  
3 pieces



> Practical set composition

| Code           | No.       | Contents  | Pieces |       |
|----------------|-----------|---|--------|-------|
| <b>6701110</b> | S 8003 JC | Flat nose pliers No. 8132-160 JC, 160 mm, 2-component handle<br>Power combination pliers No. 8250-180 JC, 180 mm, 2-component handle<br>Power side cutter No. 8316-160 JC, 160 mm, 2-component handle | 3      | 0,766 |

**S 8200 JC**  
Pliers set  
4 pieces



> Practical set composition

| Code           | No.       | Contents   | Pieces |       |
|----------------|-----------|--|--------|-------|
| <b>6730800</b> | S 8200 JC | Wire stripper No. 8098-160 JC, 160 mm, 2-component handle<br>Flat nose pliers No. 8132-160 JC, 160 mm, 2-component handle<br>Power combination pliers No. 8250-180 JC, 180 mm, 2-component handle<br>Side cutter No. 8314-160 JC, 160 mm, 2-component handle | 4      | 0,927 |

**S 8303 JC**  
Pliers set  
3 pieces



> Practical set composition

| Code           | No.       | Contents  | Pieces |       |
|----------------|-----------|---|--------|-------|
| <b>6703160</b> | S 8303 JC | Universal pliers No. 142 10 JC, 10", 15-way adjustable, 2-component handle<br>Power combination pliers No. 8250-180 JC, 180 mm, 2-component handle<br>Power side cutter No. 8316-160 JC, 160 mm, 2-component handle | 3      | 1,005 |

**S 8303 TL**  
Pliers set  
3 pieces



> Practical set composition

| Code           | No.       | Contents   | Pieces |      |
|----------------|-----------|--|--------|------|
| <b>6703910</b> | S 8303 TL | Universal pliers No. 142 10 TL, 10", 15-way adjustable, dip-insulated<br>Power combination pliers No. 8250-180 TL, 180 mm, immersion insulated<br>Power side cutter No. 8316-160 TL, 160 mm, dip-insulated | 3      | 0,88 |

## 1101-002

Pliers set  
6 pieces

- > Practical set composition in sturdy plastic case
- > In GEDORE i-BOXX® 72 No. 1101 L

| Code    | No.      | Contents  | Pieces |      |
|---------|----------|---|--------|------|
| 1708155 | 1101-002 | Wire stripper No. 8098-160 JC, 160 mm, 2-component handle<br>Flat nose pliers No. 8120-160 JC, 160 mm, 2-component handle<br>Round nose pliers No. 8122-160 JC, 160 mm, 2-component handle<br>Flat nose pliers No. 8132-160 JC, 160 mm, 2-component handle<br>Power combination pliers No. 8250-180 JC, 180 mm, 2-component handle<br>Power side cutter No. 8316-180 JC, 180 mm, 2-component handle | 6      | 1,74 |

## 1102-003

Pliers set  
3 pieces

- > Practical set composition
- > In GEDORE L-BOXX® Mini, incl. divider set

| Code    | No.      | Contents   | Pieces |      |
|---------|----------|--|--------|------|
| 1692305 | 1102-003 | Flat nose pliers No. 8132-160 JC, 160 mm 2C handle<br>Power combination pliers No. 8250-180 JC, 180 mm 2C handle<br>Power side cutters No. 8316-180 JC, 180 mm 2C handle | 3      | 0,94 |

## 1102-007

Pliers set  
3 pieces

- > Practical set composition
- > In GEDORE L-BOXX® Mini, incl. divider set

| Code    | No.      | Contents   | Pieces |       |
|---------|----------|--|--------|-------|
| 2951789 | 1102-007 | Universal pliers No. 142 10 TL, 10", 15-way adjustable, dip-insulated<br>Flat nose pliers No. 8132-200 JC, 200 mm, 2-component handle<br>Power side cutter No. 8314-180 JC, 180 mm, 2-component handle | 3      | 1,195 |

## 1102-008

Pliers set  
3 pieces

- > Practical set composition
- > In GEDORE L-BOXX® Mini, incl. divider set
- > Including range of dividers

| Code    | No.      | Contents  | Pieces |      |
|---------|----------|---|--------|------|
| 2951797 | 1102-008 | Power side cutters No. 8316-160 JC, 160 mm 2C handle<br>Multiple Pliers No. 8133-200 JC, 200 mm 2C handle<br>7" universal pliers No. 142 7 TL | 3      | 0,98 |

## S 8393

Pliers set  
3 pieces

- > Practical set composition

| Code    | No.    | Contents  | Pieces |       |
|---------|--------|---|--------|-------|
| 3012859 | S 8393 | 10" water pump pliers No. 142 10 TL<br>Power combination pliers No. 8250-200 JC, 200 mm 2C handle<br>Power side cutters No. 8314-180 JC, 180 mm 2C handle | 3      | 1,066 |

Pliers

S 8007

Circlip pliers set for inner and outer rings



- > Universal pliers for safe clamping and fixing of internal and external retaining rings (DIN 471/472) from 305 - 1000mm diameter
- > pliers with body tip Ø 6mm and tip Ø 9mm
- > Operating tools for tip change and handle mounting
- > Reversible ratchet No. 3093 Z for operating the pliers
- > Screwdriver bit socket 3/8" No. IN 30 8 for quick adjustment with cordless screwdriver
- > Plastic box E-1000P (for small parts)
- > GEDORE i-BOXX® with foam insert

| Code    | No.           |  |  |      |
|---------|---------------|--|--|------|
| 3084477 | S 8007 V-GRIP |  |  | 4,28 |

S 8000

Set of circlip pliers 4 pieces

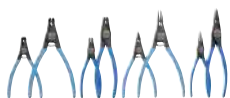


- > For internal and external retaining rings
- > With straight and 90° angled tips

| Code    | No.    | Contents                   | Pieces |       |
|---------|--------|----------------------------|--------|-------|
| 6701030 | S 8000 | 8000 A 2 21<br>8000 J 2 21 | 4      | 0,756 |

S 8008

Set of circlip pliers 8 pieces



- > For internal and external retaining rings
- > With straight and 90° angled tips

| Code    | No.    | Contents                             | Pieces |       |
|---------|--------|--------------------------------------|--------|-------|
| 6700490 | S 8008 | 8000 A 1 11 2 21<br>8000 J 1 11 2 21 | 8      | 1,082 |

S 8100

Set of circlip pliers 4 pieces



- > For internal and external retaining rings
- > With straight jaws

| Code    | No.    | Contents                 | Pieces |       |
|---------|--------|--------------------------|--------|-------|
| 6703080 | S 8100 | 8000 A 1 2<br>8000 J 1 2 | 4      | 0,597 |

### S 8024

Set of circlip pliers  
4 pieces



- > For automotive use
- > For internal and external retaining rings
- > With straight and 45° angled tips

| Code           | No.    | Contents                     | Pieces |       |
|----------------|--------|------------------------------|--------|-------|
| <b>2148684</b> | S 8024 | 8000 A 2 2 22<br>8000 J 2 22 | 4      | 0,756 |

### S 8028

Set of circlip pliers  
8 pieces

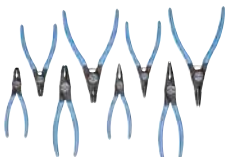


- > For automotive use
- > For internal and external retaining rings
- > With straight and 45° angled tips

| Code           | No.    | Contents                             | Pieces |       |
|----------------|--------|--------------------------------------|--------|-------|
| <b>2148692</b> | S 8028 | 8000 A 1 12 2 22<br>8000 J 1 12 2 22 | 8      | 1,082 |

### 1101-001

Set of circlip pliers  
8 pieces



- > For internal and external retaining rings
- > With straight and 90° angled tips
- > In GEDORE i-BOXX® 72

| Code           | No.      | Contents                             | Pieces |      |
|----------------|----------|--------------------------------------|--------|------|
| <b>1692275</b> | 1101-001 | 8000 A 1 11 2 21<br>8000 J 1 11 2 21 | 8      | 1,55 |

### 1102-001

Set of circlip pliers  
4 pieces

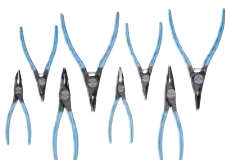


- > For internal and external retaining rings
- > With straight and 90° angled tips
- > In GEDORE L-BOXX® Mini, incl. divider set

| Code           | No.      | Contents                   | Pieces |      |
|----------------|----------|----------------------------|--------|------|
| <b>1692283</b> | 1102-001 | 8000 A 2 21<br>8000 J 2 21 | 4      | 1,22 |

### 1101-004

Set of circlip pliers  
8 pieces



- > With straight and 45° angled tips
- > For the safe installation and removal of internal and external retaining rings up to a size of 60 mm
- > In GEDORE i-BOXX® 72

| Code           | No.      | Contents                             | Pieces |      |
|----------------|----------|--------------------------------------|--------|------|
| <b>2148706</b> | 1101-004 | 8000 A 1 12 2 22<br>8000 J 1 12 2 22 | 8      | 1,55 |

# PULLERS

Concentrated power forged from steel: Pullers effortlessly move loads weighing several tonnes. Whenever components such as roller bearings, gear wheels or other machine elements need to be safely released from the friction-locked connection.

In industry and trade, stuck connections of pressed-on components that are held in position by their own frictional force are part of work life. GEDORE pullers are

the perfect choice for loosening them effortlessly and gently. Over 100 years of manufacturing expertise are reflected in the intelligent design and well thought-out components.

External and internal extractors, ball bearing extractors, special tools for the automotive sector and accessories such as nut splitters, flange drivers, thread adapters and safety foils. The GEDORE range covers the complete range of applications from 0.5 - 15 tonnes in workshops, industry, agricultural and construction machinery repair.

## **i** BEST QUALITY FOR YOUR SAFETY

- Maximum value is attached to the safety of the puller when selecting the material and manufacturing process for each individual component part beforehand.
- Any overloading of drop-forged components, such as 2-arm cross-beams, legs and clamping parts, is revealed through deformation - on account of the course of their fibres - rather than through fracturing and/or splintering.
- Thermo-chemical treatment bestows a hardness on the components meeting the demands placed.
- Strict checks ensure a constant high quality







# SECURE INTELLIGENT

## GEDORE PULLERS FOR MAXIMUM PERFORMANCE

- High-grade industrial quality for the toughest forms of continuous use and safety in everyday work
- Many years of experience in the development and production of puller tools
- numerous patents and utility models,
- Effortless moving of multi-ton loads
- Ideal for the controlled use of force and a vital requirement for safe working: puller in association with a torque wrench



## GEDORE SPINDLE

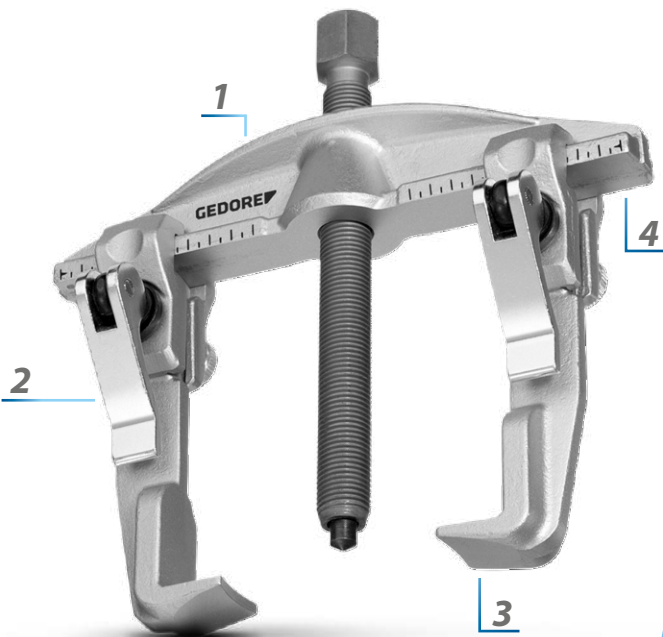
- Maintenance free
- Fine thread is rolled and obtains higher strength
- Nitocarbursed surface makes them wear-resistant
- Oil and grease not necessary
- Spindle tips can be replaced

## INTELLIGENT DESIGNS - WELL THOUGHTOUT COMPONENTS

- GEDORE pullers impress as much through their quality as they do through their user-friendliness and superiority in detail:
- A lasered scale on the 2-arm cross-beam enable the legs to be symmetrically aligned
- Leg brake and quick-release clamp are those rapid and assured ways of locking and fastening the puller legs
- Both the nitro-carburised mechanical and hydraulic spindles have properties that make work considerably easier and safer

# i 1.04

A thoroughly superior puller



1

Reinforced cross-beam - the additional arching at the top of the crossbar produces an H-profile which, in turn, raises the load capacity as against the flexural torque.



2

The legs of the 1.04 puller series have a T-profile. This ensures a positive fit between leg and cross-beam. The T-profile transfers the tensile force of the hooks via the clamping parts to the cross-beam - with no losses involved. The quick release adjuster makes for trouble-free setting and readjustment.

3

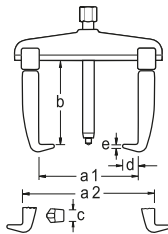
Series 1.04 cross-beams, legs and clamping parts are hot drop-forged from hardened and tempered steel, giving them all the benefits of drop-forged components.



4

The permanently lasered scale makes it easier to symmetrically align the legs. This effectively stops any tilting when extracting caused by incorrectly positioned legs. A final marking specifies the maximum clamping spread.

## 1.04 Universal puller 2-arm pattern

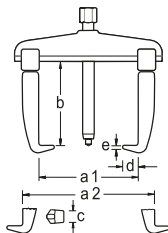


- > Strong truss with bending moment reinforcement
- > Adjustment scale for even adjustment of the puller hooks

- > hook with quick adjustment

| Code    | No.     | a1  | a2 min | a2 max | b   | max. t |             | mm    | optional  | c  | d  | e   |   |     |
|---------|---------|-----|--------|--------|-----|--------|-------------|-------|-----------|----|----|-----|---|-----|
| 1307703 | 1.04/1A | 130 | 70     | 170    | 100 | 3      | M14x1,5x140 | 17 mm | -         | 22 | 12 | 3,0 | x | 1,2 |
| 1307827 | 1.04/2A | 200 | 110    | 260    | 150 | 5      | G1/2x210    | 22 mm | 1.06/HSP1 | 30 | 18 | 3,5 | x | 3,4 |
| 1307940 | 1.04/3A | 350 | 150    | 420    | 200 | 7,5    | G3/4x280    | 27 mm | 1.06/HSP2 | 36 | 28 | 6,5 | x | 7,7 |

## 1.04/B Universal puller 2-arm pattern, rigid legs w/leg brake



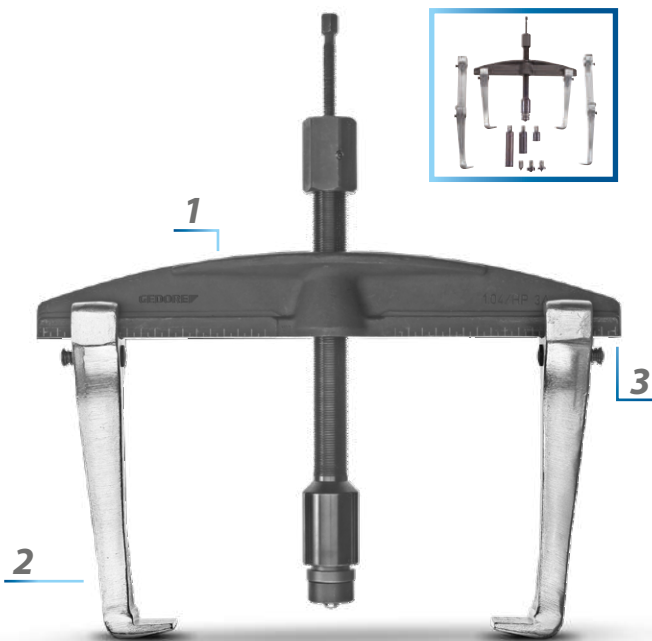
- > Strong truss with bending moment reinforcement
- > Pulling legs forged from one piece with leg brake

- > Adjustment scale for even adjustment of the puller hooks

| Code    | No.       | a1  | a2 min | a2 max | b   | max. t |             | mm    | optional  | c  | d  | e   |   |     |
|---------|-----------|-----|--------|--------|-----|--------|-------------|-------|-----------|----|----|-----|---|-----|
| 1981110 | 1.04/1A-B | 130 | 70     | 170    | 100 | 3      | M14x1,5x140 | 17 mm | -         | 22 | 15 | 3,0 | x | 1,2 |
| 1981129 | 1.04/2A-B | 200 | 110    | 260    | 150 | 5      | G1/2x210    | 22 mm | 1.06/HSP1 | 30 | 24 | 3,5 | x | 3,4 |
| 1981137 | 1.04/3A-B | 350 | 150    | 420    | 200 | 7,5    | G3/4x280    | 27 mm | 1.06/HSP2 | 36 | 33 | 5,0 | x | 7,7 |

# i 1.04 HIGH POWER

The power pack



1

Reinforced cross-beam - the additional arching at the top of the crossbar produces an H-profile which, in turn, raises the load capacity as against the flexural torque. In the HP version the cross-beam is additionally hardened and tempered. This brings about practically a doubling of the loading limit!



2

The all-in steel legs are hot forged in one piece from 31CrV3 steel and hardened/tempered. They provide a positive locking connection to the cross-beam. The leg brake secures the hooks from unintentional motions. Pressing the release button unlatches the locking - the leg can be moved on the cross-beam. Releasing the button causes the leg to jam tight on the cross-beam with slipping ruled out.

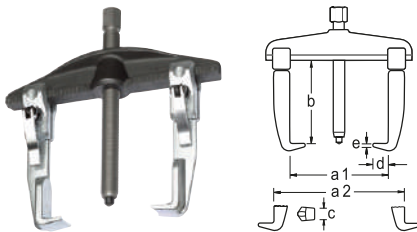


3

The permanently lasered scale makes it easier to symmetrically align the legs. This effectively stops any tilting when extracting caused by incorrectly positioned legs. A final marking specifies the maximum clamping spread.

## 1.04/HP

Universal puller HIGH POWER  
2-arm pattern



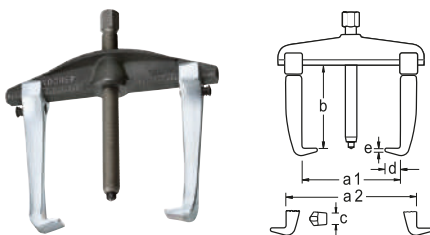
- > Spreader beam specially hardened and tempered, load with double traction force possible
- > Adjustment scale for even adjustment of the puller hooks

- > Integral legs, with quick-release

| Code    | No.       | a1  | a2 min | a2 max | b   | max. t |             | mm    | optional  | c  | d  | e   |   |     |
|---------|-----------|-----|--------|--------|-----|--------|-------------|-------|-----------|----|----|-----|---|-----|
| 1868152 | 1.04/HP1A | 130 | 70     | 170    | 100 | 5      | M14x1,5x140 | 17 mm | -         | 22 | 12 | 3,0 | x | 1,2 |
| 1868160 | 1.04/HP2A | 200 | 110    | 260    | 150 | 10     | G1/2x210    | 22 mm | 1.06/HSP1 | 30 | 18 | 3,5 | x | 3,4 |
| 1868179 | 1.04/HP3A | 350 | 150    | 420    | 200 | 15     | G3/4x280    | 27 mm | 1.06/HSP2 | 36 | 28 | 6,5 | x | 7,7 |

## 1.04/HP-B

Universal puller HIGH POWER  
2-arm pattern, rigid legs w/leg brake



- > Spreader beam specially hardened and tempered, virtually doubles the load limit
- > Pulling legs forged from one piece with leg brake

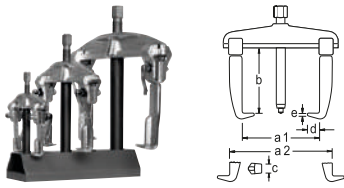
- > Adjustment scale for even adjustment of the puller hooks

| Code    | No.         | a1  | a2 min | a2 max | b   | max. t |             | mm    | optional  | c  | d  | e   |   |     |
|---------|-------------|-----|--------|--------|-----|--------|-------------|-------|-----------|----|----|-----|---|-----|
| 1981145 | 1.04/HP1A-B | 130 | 70     | 170    | 100 | 5      | M14x1,5x140 | 17 mm | -         | 22 | 15 | 3,0 | x | 1,2 |
| 1981153 | 1.04/HP2A-B | 200 | 110    | 260    | 150 | 10     | G1/2x210    | 22 mm | 1.06/HSP1 | 30 | 24 | 3,5 | x | 3,4 |
| 1981161 | 1.04/HP3A-B | 350 | 150    | 420    | 200 | 15     | G3/4x280    | 27 mm | 1.06/HSP2 | 36 | 32 | 5,0 | x | 7,7 |

Puller

1.04/ST-HP-B

Puller-Setwith stand



- > Consisting of 3 pullers in different sizes
- > Strong truss with bending moment reinforcement

- > Adjustment scale for even adjustment of the puller hooks
- > hook with quick adjustment

| Code    | No.     |  |      |
|---------|---------|--|------|
| 1675982 | 1.04/ST | 1.04/1A Universal puller 2-arm 130x100 mm<br>1.04/2A Universal puller 2-arm 200x150 mm<br>1.04/3A Universal puller 2-arm 350x200 mm<br>1.04/97 Stand empty for 1.04 series | 15,2 |

| Code    | No.     | a1  | a2 min | a2 max | b   | max. t |             | mm    | optional  | c  | d  | e   |   |     |
|---------|---------|-----|--------|--------|-----|--------|-------------|-------|-----------|----|----|-----|---|-----|
| 1307940 | 1.04/3A | 350 | 150    | 420    | 200 | 7,5    | G3/4x280    | 27 mm | 1.06/HSP2 | 36 | 28 | 6,5 | x | 7,7 |
| 1307827 | 1.04/2A | 200 | 110    | 260    | 150 | 5      | G1/2x210    | 22 mm | 1.06/HSP1 | 30 | 18 | 3,5 | x | 3,4 |
| 1307703 | 1.04/1A | 130 | 70     | 170    | 100 | 3      | M14x1,5x140 | 17 mm | -         | 22 | 12 | 3,0 | x | 1,2 |

1101-1.04/SEB-08

Puller set, 2-arm  
9 pieces



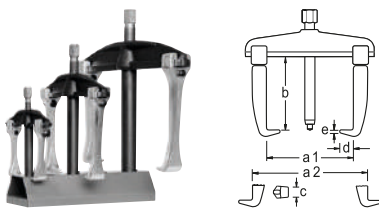
- > Universal set incl. 2-arm puller, extensions, leg lengths, hooked feet for internal and external pulling
- > As a result of possible clamping reaches continuously up to 130 mm / clamping depths 10,0 100, 200, 250, 350 mm

- > Variable, rapid and safe working thanks to quick-clamp mechanism, leg brake, leg for confined spaces
- > 8 different pullers can be combined

| Code    | No.              | Contents  |      |
|---------|------------------|---|------|
| 3106756 | 1101-1.04/SEB-08 | i-BOXX 72 No. 1101 L + Assortment No. 1101 CT2-1.04 | 3,77 |

1.04/ST-HP-B

Puller-Set  
with stand



- > Consisting of 3 pullers in different sizes
- > Spreader beam specially hardened and tempered, virtually doubles the load limit
- > Pulling legs forged from one piece
- > with leg brake

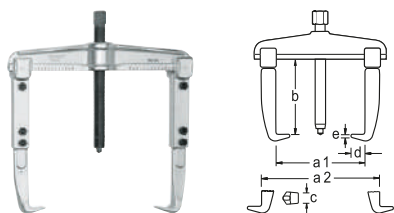
- > Adjustment scale for even adjustment of the puller hooks

| Code    | No.          |   |      |
|---------|--------------|---|------|
| 2300044 | 1.04/ST-HP-B | 1.04/HP1A-B Puller HIGH POWER 2-armed 130x100 mm<br>1.04/HP2A-B Puller HIGH POWER 2-armed 200x150 mm<br>1.04/HP3A-B Puller HIGH POWER 2-armed 350x200 mm<br>1.04/97 Stand empty for 1.04 series | 14,4 |

| Code    | No.         | a1  | a2 min | a2 max | b   | max. t |             | mm    | optional  | c  | d  | e   |   |     |
|---------|-------------|-----|--------|--------|-----|--------|-------------|-------|-----------|----|----|-----|---|-----|
| 1981161 | 1.04/HP3A-B | 350 | 150    | 420    | 200 | 15     | G3/4x280    | 27 mm | 1.06/HSP2 | 36 | 32 | 5,0 | x | 7,7 |
| 1981153 | 1.04/HP2A-B | 200 | 110    | 260    | 150 | 10     | G1/2x210    | 22 mm | 1.06/HSP1 | 30 | 24 | 3,5 | x | 3,4 |
| 1981145 | 1.04/HP1A-B | 130 | 70     | 170    | 100 | 5      | M14x1,5x140 | 17 mm | -         | 22 | 15 | 3,0 | x | 1,2 |





## 1.06

Universal puller  
2-arm pattern, with extended legs



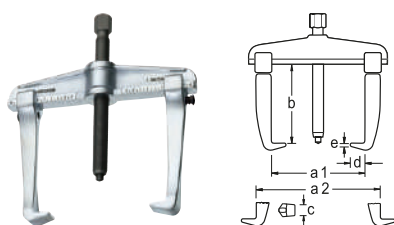
- > Adjustment scale for even adjustment of the puller hooks
- > Extended pulling legs

- > Interchangeable hooks available for several clamping depths

| Code    | No.       | a1  | a2 min | a2 max | b   | max. t |  | mm    | optional<br> | c  | d  | e   |  |  |
|---------|-----------|-----|--------|--------|-----|--------|---|-------|---|----|----|-----|---|---|
| 8108350 | 1.06/1-2  | 90  | 60     | 140    | 200 | 3      | M14x1,5x140   | 17 mm |   | 22 | 12 | 3,0 | x   | 1,7   |
| 8108430 | 1.06/1A-2 | 130 | 70     | 180    | 200 | 3      | M14x1,5x140   | 17 mm |   | 22 | 12 | 3,0 | x   | 1,6   |
| 8108510 | 1.06/2-3  | 160 | 80     | 220    | 300 | 5      | G1/2x210  | 22 mm | 1.06/HSP1   | 30 | 18 | 3,5 | x   | 4,4   |
| 8108780 | 1.06/2A-3 | 200 | 90     | 260    | 300 | 5      | G1/2x210  | 22 mm | 1.06/HSP1   | 30 | 18 | 3,5 | x   | 4,5   |
| 8001200 | 1.06/3-3  | 250 | 125    | 330    | 300 | 7,5    | G3/4x280  | 27 mm | 1.06/HSP2   | 36 | 28 | 6,5 | x   | 9,1   |
| 8108860 | 1.06/3A-3 | 350 | 125    | 420    | 300 | 7,5    | G3/4x280  | 27 mm | 1.06/HSP2   | 36 | 28 | 6,5 | x   | 9,8   |
| 8108940 | 1.06/4-3  | 520 | 185    | 600    | 300 | 10     | G1x310  | 36 mm | 1.06/HSP3   | 36 | 28 | 6,5 |   | 15,2  |
| 8109080 | 1.06/3-4  | 250 | 125    | 330    | 400 | 7,5    | G3/4x280  | 27 mm | 1.06/HSP2   | 36 | 28 | 6,5 | x   | 10  |
| 8109160 | 1.06/3A-4 | 350 | 125    | 420    | 400 | 7,5    | G3/4x280  | 27 mm | 1.06/HSP2   | 36 | 28 | 6,5 | x   | 11,1  |
| 8109240 | 1.06/4-4  | 520 | 185    | 600    | 400 | 10     | G1x310  | 36 mm | 1.06/HSP3   | 36 | 28 | 6,5 | -   | 16,4  |
| 8109320 | 1.06/3-5  | 250 | 125    | 330    | 500 | 7,5    | G3/4x280  | 27 mm | 1.06/HSP2   | 36 | 28 | 6,5 | x   | 11,3  |
| 8112380 | 1.06/3A-5 | 350 | 125    | 420    | 500 | 7,5    | G3/4x280  | 27 mm | 1.06/HSP2   | 36 | 28 | 6,5 | x   | 12,2  |
| 8112460 | 1.06/4-5  | 520 | 185    | 600    | 500 | 10     | G1x310  | 36 mm | 1.06/HSP3   | 36 | 28 | 6,5 | -   | 19  |




## 1.06/B

Universal puller  
2-arm pattern, rigid legs w/leg brake



- > Pulling legs forged from one piece
- > with leg brake
- > Adjustment scale for even adjustment of the puller hooks

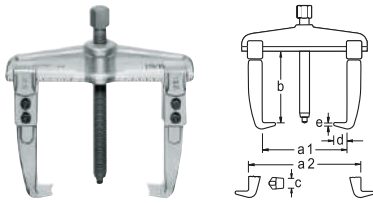
- > Interchangeable hooks available for several clamping depths

| Code    | No.        | a1  | a2 min | a2 max | b   | max. t |  | mm    | optional<br> | c  | d  | e   |  |  |
|---------|------------|-----|--------|--------|-----|--------|---|-------|---|----|----|-----|---|---|
| 1956337 | 1.06/11-B  | 100 | 50     | 140    | 100 | 3,0    | M 14x1,5x140  | 17 mm |   | 22 | 15 | 3,0 | x   | 0,9   |
| 1956345 | 1.06/1A1-B | 140 | 60     | 180    | 100 | 3,0    | M 14x1,5 x 140  | 17 mm | -   | 22 | 15 | 3,0 | x   | 1,3   |
| 1956353 | 1.06/21-B  | 170 | 80     | 220    | 150 | 5,0    | G 1/2 x 210   | 22 mm | 1.06/HSP1   | 30 | 24 | 3,5 | x   | 2,8   |
| 1956361 | 1.06/2A1-B | 210 | 90     | 260    | 150 | 5      | G 1/2 x 210   | 22 mm | 1.06/HSP1   | 30 | 24 | 3,5 | x   | 3,3   |
| 1956388 | 1.06/31-B  | 250 | 125    | 340    | 200 | 7,5    | G 3/4 x 280   | 27 mm | 1.06/HSP2   | 32 | 32 | 5,0 | x   | 6,7   |
| 1956396 | 1.06/3A1-B | 340 | 125    | 430    | 200 | 7,5    | G 3/4 x 280   | 27 mm | 1.06/HSP2   | 36 | 32 | 5,0 | x   | 7,5   |
| 1958399 | 1.06/41-B  | 520 | 185    | 610    | 200 | 10     | G 1 x 310   | 36 mm | 1.06/HSP3   | 36 | 32 | 5,0 | -   | 14  |

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1.06

Universal puller  
2-arm pattern



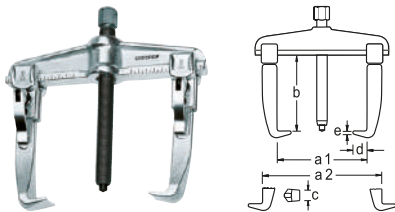
> Adjustment scale for even adjustment of the puller hooks

> Interchangeable hooks available for several clamping depths

| Code    | No.     | a1  | a2 min | a2 max | b   | max. t |                | mm    | optional  | c  | d  | e   |   |      |
|---------|---------|-----|--------|--------|-----|--------|----------------|-------|-----------|----|----|-----|---|------|
| 8000230 | 1.06/1  | 90  | 60     | 140    | 100 | 3,0    | M 14x1,5 x 140 | 17 mm | -         | 22 | 12 | 3,0 | x | 1,1  |
| 8000310 | 1.06/1A | 130 | 70     | 180    | 100 | 3,0    | M 14x1,5 x 140 | 17 mm | -         | 22 | 12 | 3,0 | x | 1,3  |
| 8000580 | 1.06/2  | 160 | 80     | 220    | 150 | 5,0    | G 1/2 x 210    | 22 mm | 1.06/HSP1 | 30 | 18 | 3,5 | x | 3    |
| 8000660 | 1.06/2A | 200 | 90     | 260    | 150 | 5,0    | G 1/2 x 210    | 22 mm | 1.06/HSP1 | 30 | 18 | 3,5 | x | 3,5  |
| 8000740 | 1.06/3  | 250 | 125    | 330    | 200 | 7,5    | G 3/4 x 280    | 27 mm | 1.06/HSP2 | 36 | 28 | 6,5 | x | 7,2  |
| 8000820 | 1.06/3A | 350 | 125    | 420    | 200 | 7,5    | G 3/4 x 280    | 27 mm | 1.06/HSP2 | 36 | 28 | 6,5 | x | 8,2  |
| 8000900 | 1.06/4  | 520 | 185    | 600    | 200 | 10     | G 1 x 310      | 36 mm | 1.06/HSP3 | 36 | 28 | 6,5 | - | 13,7 |

1.06/E

Quick release puller  
2-arm pattern



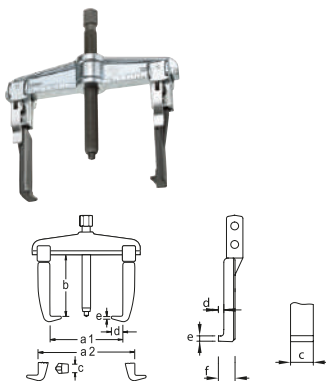
> Adjustment scale for even adjustment of the puller hooks  
> Interchangeable hooks available for several clamping depths

> hook with quick adjustment

| Code    | No.       | a1  | a2 min | a2 max | b   | max. t |                | mm    | optional  | c  | d  | e   |   |     |
|---------|-----------|-----|--------|--------|-----|--------|----------------|-------|-----------|----|----|-----|---|-----|
| 1213830 | 1.06/1-E  | 90  | 60     | 140    | 100 | 3      | M 14x1,5 x 140 | 17 mm | -         | 22 | 12 | 3,0 | x | 1,1 |
| 1215140 | 1.06/1A-E | 130 | 70     | 180    | 100 | 3      | M 14x1,5 x 140 | 17 mm | -         | 22 | 12 | 3,0 | x | 1,3 |
| 1216570 | 1.06/2-E  | 160 | 80     | 220    | 150 | 5      | G 1/2 x 210    | 22 mm | 1.06/HSP1 | 30 | 18 | 3,5 | x | 3   |
| 1217720 | 1.06/2A-E | 200 | 90     | 260    | 150 | 5      | G 1/2 x 210    | 22 mm | 1.06/HSP1 | 30 | 18 | 3,5 | x | 3,5 |
| 1218980 | 1.06/3-E  | 250 | 125    | 330    | 200 | 7,5    | G 3/4 x 280    | 27 mm | 1.06/HSP2 | 36 | 28 | 6,5 | x | 7,1 |
| 1220160 | 1.06/3A-E | 350 | 125    | 420    | 200 | 7,5    | G 3/4 x 280    | 27 mm | 1.06/HSP2 | 36 | 28 | 6,5 | x | 8,2 |

1.06/S-E

Quick release puller  
2-arm pattern, with slim legs



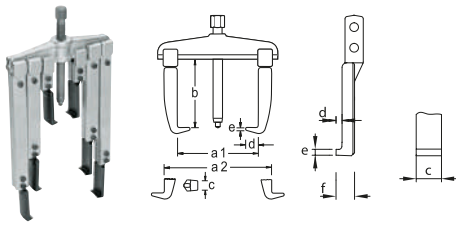
> The forged leg feet are very slim  
> Adjustment scale for even adjustment of the puller hooks

> hook with quick adjustment

| Code    | No.        | a1  | b   | max. t |                | mm    | optional  | c    | d   | e   | f    |   |     |
|---------|------------|-----|-----|--------|----------------|-------|-----------|------|-----|-----|------|---|-----|
| 2015706 | 1.06/S1-E  | 100 | 100 | 2      | M 14x1,5 x 140 | 17 mm | -         | 29,8 | 7,5 | 3,7 | 13,5 | x | 1,1 |
| 2015714 | 1.06/S1A-E | 140 | 100 | 2,5    | M 14x1,5 x 140 | 17 mm | -         | 29,8 | 7,5 | 3,7 | 13,5 | x | 1,4 |
| 2015722 | 1.06/S2-E  | 160 | 150 | 5      | G 1/2 x 210    | 22 mm | 1.06/HSP1 | 40   | 7   | 5,0 | 15   | x | 2,9 |
| 2015730 | 1.06/S2A-E | 200 | 150 | 5      | G 1/2 x 210    | 22 mm | 1.06/HSP1 | 40   | 7   | 5,0 | 15   | x | 3,6 |






### 1.06/AS

Puller-Set  
with 6 legs



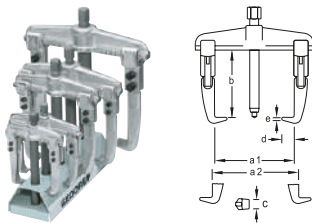
> Particularly suitable for barely accessible places

> Particularly suitable for hard-to-reach areas

| Code    | No.       | a   | b               | max. t |  |  | optional<br> | c    | d   | e   | f    |  |  |
|---------|-----------|-----|-----------------|--------|---|---|---|------|-----|-----|------|---|---|
| 8001710 | 1.06/AS   | 130 | 100 / 200 / 250 | 2,5    | M 14x1,5 x 140  | 17 mm   | -   | 29,5 | 7,5 | 3,7 | 13,5 | 1   | 3,4   |
| 1675974 | 1.06/AS-2 | 260 | 150 / 220 / 300 | 5,0    | G 1/2 x 210   | 22 mm   | 1.06/HSP1   | 40   | 7   | 5,0 | 15   |   | 8,1   |

### 1.06/ST






Puller-Set  
with stand



> Consisting of 5 pullers in different sizes with standard or quick-release pulling hook or all-steel hook with hook brake

> Adjustment scale for even adjustment of the puller hooks  
> For clamping depths up to Ø 250 mm external, Ø 330 mm internal, and clamping reach up to 200 mm

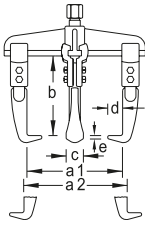
| Code    | No.        |  |  |
|---------|------------|---|---|
| 1322745 | 1.06/ST-E  | 1.06/1 1.06/1A 1.06/2 1.06/2A 1.06/3  | 19,2  |
| 2004569 | 1.06/ST1-B | 1.06/1 1.06/1A 1.06/2 1.06/2A 1.06/3  | 17,2  |
| 8111570 | 1.06/ST    | 1.06/1 1.06/1A 1.06/2 1.06/2A 1.06/3  | 19  |

| Code    | No.        | a1  | a2 min | a2 max | b   | max. t |  |  | optional<br> | c  | d  | e   |  |  |
|---------|------------|-----|--------|--------|-----|--------|---|---|---|----|----|-----|---|---|
| 8000740 | 1.06/3     | 250 | 125    | 330    | 200 | 7,5    | G 3/4 x 280   | 27 mm   | 1.06/HSP2   | 36 | 28 | 6,5 | x   | 7,2   |
| 8000660 | 1.06/2A    | 200 | 90     | 260    | 150 | 5,0    | G 1/2 x 210   | 22 mm   | 1.06/HSP1   | 30 | 18 | 3,5 | x   | 3,5   |
| 8000580 | 1.06/2     | 160 | 80     | 220    | 150 | 5,0    | G 1/2 x 210   | 22 mm   | 1.06/HSP1   | 30 | 18 | 3,5 | x   | 3   |
| 8000310 | 1.06/1A    | 130 | 70     | 180    | 100 | 3,0    | M 14x1,5 x 140  | 17 mm   | -   | 22 | 12 | 3,0 | x   | 1,3   |
| 8000230 | 1.06/1     | 90  | 60     | 140    | 100 | 3,0    | M 14x1,5 x 140  | 17 mm   | -   | 22 | 12 | 3,0 | x   | 1,1   |
| 1956388 | 1.06/31-B  | 250 | 125    | 340    | 200 | 7,5    | G 3/4 x 280   | 27 mm   | 1.06/HSP2   | 32 | 32 | 5,0 | x   | 6,7   |
| 1956361 | 1.06/2A1-B | 210 | 90     | 260    | 150 | 5      | G 1/2 x 210   | 22 mm   | 1.06/HSP1   | 30 | 24 | 3,5 | x   | 3,3   |
| 1956353 | 1.06/21-B  | 170 | 80     | 220    | 150 | 5,0    | G 1/2 x 210   | 22 mm   | 1.06/HSP1   | 30 | 24 | 3,5 | x   | 2,8   |
| 1956345 | 1.06/1A1-B | 140 | 60     | 180    | 100 | 3,0    | M 14x1,5 x 140  | 17 mm   | -   | 22 | 15 | 3,0 | x   | 1,3   |
| 1956337 | 1.06/11-B  | 100 | 50     | 140    | 100 | 3,0    | M14x1,5x140   | 17 mm   |   | 22 | 15 | 3,0 | x   | 0,9   |
| 1218980 | 1.06/3-E   | 250 | 125    | 330    | 200 | 7,5    | G 3/4 x 280   | 27 mm   | 1.06/HSP2   | 36 | 28 | 6,5 | x   | 7,1   |
| 1217720 | 1.06/2A-E  | 200 | 90     | 260    | 150 | 5      | G 1/2 x 210   | 22 mm   | 1.06/HSP1   | 30 | 18 | 3,5 | x   | 3,5   |
| 1216570 | 1.06/2-E   | 160 | 80     | 220    | 150 | 5      | G 1/2 x 210   | 22 mm   | 1.06/HSP1   | 30 | 18 | 3,5 | x   | 3   |
| 1215140 | 1.06/1A-E  | 130 | 70     | 180    | 100 | 3      | M 14x1,5 x 140  | 17 mm   | -   | 22 | 12 | 3,0 | x   | 1,3   |
| 1213830 | 1.06/1-E   | 90  | 60     | 140    | 100 | 3      | M 14x1,5 x 140  | 17 mm   | -   | 22 | 12 | 3,0 | x   | 1,1   |







1.07

Universal puller  
3-arm pattern



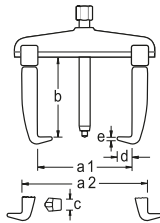
- > Even load distribution over 3 legs ensures secure grip and balanced pull
- > Strong, ergonomically shaped cross beam
- > Pull-off hook with screw connection

- > Interchangeable hooks available for several clamping depths

| Code    | No.     | a1  | a2 min | a2 max | b   | max. t |  |  mm | optional  | c  | d  | e   |  |
|---------|---------|-----|--------|--------|-----|--------|---|--|---|----|----|-----|---|
| 8113940 | 1.07/1  | 90  | 70     | 140    | 100 | 3      | M 14x1,5 x 140  | 17 mm  | -   | 22 | 12 | 3,0 | 1,4   |
| 8114080 | 1.07/1A | 130 | 80     | 180    | 100 | 3      | M 14x1,5 x 140  | 17 mm  | -   | 22 | 12 | 3,0 | 1,6   |
| 8114160 | 1.07/2  | 160 | 100    | 220    | 150 | 5      | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 30 | 18 | 3,5 | 3,6   |
| 8114240 | 1.07/2A | 200 | 100    | 260    | 150 | 5      | G 1/2 x 210   | 22mm   | 1.06/HSP1   | 30 | 18 | 3,5 | 4,2   |
| 1541757 | 1.07/3  | 250 | 100    | 400    | 200 | 7,5    | G 3/4 x 280   | 27 mm  | 1.06/HSP2   | 36 | 28 | 6,5 | 9,3   |





1.07/B

Universal puller  
3-arm pattern, rigid legs w/leg brake



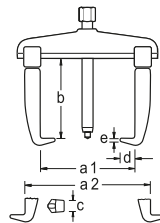
- > Even load distribution over 3 legs ensures secure grip and balanced pull
- > Pulling legs forged from one piece
- > with leg brake

- > Interchangeable hooks available for several clamping depths

| Code    | No.        | a1  | a2 min | a2 max | b   | max. t |  |  mm | optional  | c  | d  | e   |  |
|---------|------------|-----|--------|--------|-----|--------|---|--|---|----|----|-----|---|
| 1957945 | 1.07/11-B  | 90  | 70     | 140    | 100 | 3      | M 14x1,5 x 140  | 17 mm  | -   | 22 | 15 | 3,0 | 1,2   |
| 1957953 | 1.07/1A1-B | 130 | 80     | 180    | 100 | 3      | M 14x1,5 x 140  | 17 mm  | -   | 22 | 15 | 3,0 | 1,4   |
| 1957961 | 1.07/21-B  | 160 | 100    | 220    | 150 | 5      | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 30 | 24 | 3,5 | 3,5   |
| 1957988 | 1.07/2A1-B | 200 | 100    | 260    | 150 | 5      | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 30 | 24 | 3,5 | 3,7   |
| 1957996 | 1.07/31-B  | 250 | 100    | 400    | 200 | 7,5    | G 3/4 x 280   | 27 mm  | 1.06/HSP2   | 36 | 28 | 6,5 | 8   |





1.07/E

Quick release puller  
3-arm pattern



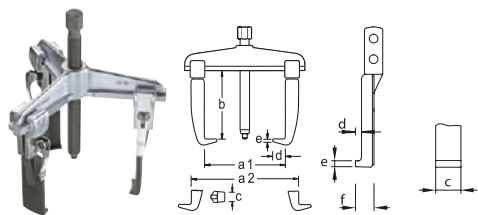
- > Industrial quality, 3 arms for optimum load distribution, non-tilting and gentle on material
- > Strong, ergonomically shaped cross beam
- > Self-supporting hooks with T-profile for a form-fit connection

- > hook with quick adjustment

| Code    | No.       | a1  | a2 min | a2 max | b   | max. t |  |  mm | optional  | c  | d  | e   |  |
|---------|-----------|-----|--------|--------|-----|--------|---|--|---|----|----|-----|---|
| 1222902 | 1.07/1-E  | 90  | 70     | 140    | 100 | 3      | M 14x1,5 x 140  | 17 mm  | -   | 22 | 12 | 3,0 | 1,4   |
| 1225901 | 1.07/1A-E | 130 | 80     | 180    | 100 | 3      | M 14x1,5 x 140  | 17 mm  | -   | 22 | 12 | 3,0 | 1,6   |
| 1227335 | 1.07/2-E  | 160 | 100    | 220    | 150 | 5      | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 30 | 18 | 3,5 | 3,8   |
| 1227459 | 1.07/2A-E | 200 | 100    | 260    | 150 | 5      | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 30 | 18 | 3,5 | 4   |
| 1554751 | 1.07/3-E  | 250 | 100    | 400    | 200 | 7,5    | G 3/4 x 280   | 27 mm  | 1.06/HSP2   | 36 | 28 | 6,5 | 9,2   |





### 1.07/S-E

Quick release puller  
3-arm pattern, with slim legs



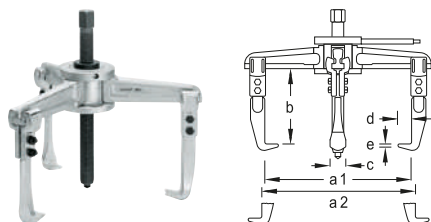
- > Industrial quality, 3 arms for optimum load distribution, non-tilting and gentle on material
- > Strong, ergonomically shaped cross beam
- > Self-supporting hooks with T-profile for a form-fit connection

- > Slim forged hook feet
- > hook with quick adjustment

| Code    | No.        | a1  | b   | max. t |  |  mm | optional<br> | c    | d   | e   | f    |  |
|---------|------------|-----|-----|--------|---|--|---|------|-----|-----|------|---|
| 2016036 | 1.07/S1-E  | 90  | 100 | 2,5    | M 14x1,5 x 140  | 17 mm  | -   | 29,5 | 7,5 | 3,7 | 13,5 | 1,3   |
| 2016044 | 1.07/S1A-E | 130 | 100 | 2,5    | M 14x1,5 x 140  | 17 mm  | -   | 29,5 | 7,5 | 3,7 | 13,5 | 1,4   |
| 2016052 | 1.07/S2-E  | 160 | 150 | 5      | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 40   | 7   | 5,0 | 15   | 3,6   |
| 2016060 | 1.07/S2A-E | 200 | 150 | 5      | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 40   | 7   | 5,0 | 15   | 3,9   |





### 1.07/4

Universal puller  
2-/3-arm pattern



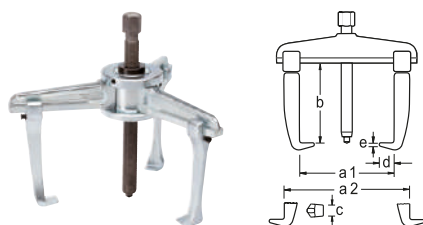
- > Industrial quality, 3 arms for optimum load distribution, non-tilting and gentle on material
- > Strong, ergonomically shaped cross beam

- > Pull-off hook with screw connection

| Code    | No.       | a1 max. | a1 min. | a2 max | a2 min | b   | max. t |  |  mm | optional<br> | c  | d  | e   |  |
|---------|-----------|---------|---------|--------|--------|-----|--------|---|--|---|----|----|-----|---|
| 8002440 | 1.07/4    | 450     | 150     | 530    | 270    | 200 | 10     | G 1 x 360   | 36 mm  | 1.06/HSP3   | 36 | 28 | 6,5 | 18,8  |
| 1958003 | 1.07/4A   | 580     | 150     | 640    | 270    | 200 | 10     | G 1 x 360   | 36 mm  | 1.06/HSP3   | 36 | 28 | 6,5 | 23  |
| 1305085 | 1.07/4-3  | 450     | 150     | 530    | 270    | 300 | 10     | G 1 x 360   | 36 mm  | 1.06/HSP3   | 36 | 28 | 6,5 | 21,2  |
| 1305425 | 1.07/4-5  | 450     | 150     | 530    | 270    | 500 | 10     | G 1 x 360   | 36 mm  | 1.06/HSP3   | 36 | 28 | 6,5 | 25,2  |
| 2302802 | 1.07/4A-4 | 580     | 150     | 640    | 270    | 400 | 10     | G 1 x 360   | 36 mm  | 1.06/HSP3   | 36 | 28 | 6,5 | 25,8  |
| 2302810 | 1.07/4A-5 | 580     | 150     | 640    | 270    | 500 | 10     | G 1 x 360   | 36 mm  | 1.06/HSP3   | 36 | 28 | 6,5 | 28,4  |





### 1.07/4-B

Universal puller  
2-/3-arm pattern, rigid legs w/leg brake



- > Industrial quality, 3 arms for optimum load distribution, non-tilting and gentle on material
- > Strong, ergonomically shaped cross beam
- > Pulling legs forged from one piece

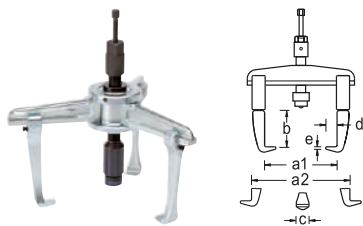
- > with leg brake

| Code    | No.        | a1 max. | a1 min. | a2 max | a2 min | b   | max. t |  |  mm | optional<br> | c  | d  | e   |  |
|---------|------------|---------|---------|--------|--------|-----|--------|---|--|---|----|----|-----|---|
| 2546531 | 1.07/41-B  | 450     | 150     | 530    | 270    | 200 | 10     | G 1" x 360  | 36 mm  | 1.06/HSP3   | 36 | 28 | 6,5 | 18,8  |
| 2546558 | 1.07/4A1-B | 580     | 150     | 640    | 270    | 200 | 10     | G 1" x 360  | 36 mm  | 1.06/HSP3   | 36 | 28 | 6,5 | 22  |

## Puller


### 1-07/4-B-HSP

Universal puller  
hydraulic, 2-/3-arm pattern, rigid legs w/leg  
brake



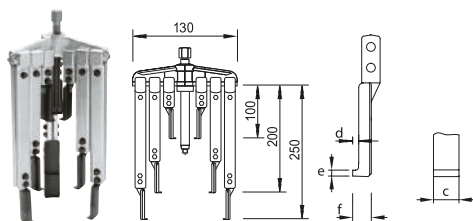
- > Industrial quality, 3 arms for optimum load distribution, non-tilting and gentle on material
- > Strong, ergonomically shaped cross beam
- > Pulling legs forged from one piece
- > with leg brake

- > Hydraulic spindle with hardened surface, wear resistant
- > Safety note: Controlled removal is guaranteed by using a torque wrench

| Code    | No.             | a1 max. | a1 min. | a2 max. | a2 min. | b   | max. t | max. Nm | d         | c  | d  | e   |  |
|---------|-----------------|---------|---------|---------|---------|-----|--------|---------|-----------|----|----|-----|---|
| 2546574 | 1.07/41-B-HSP3  | 450     | 150     | 530     | 270     | 140 | 10     | 25,0    | 1.06/HSP3 | 36 | 28 | 6,5 | 19,9  |
| 2546582 | 1.07/4A1-B-HSP3 | 580     | 150     | 640     | 270     | 140 | 10     | 25,0    | 1.06/HSP3 | 36 | 28 | 6,5 | 23,1  |





### 1.07/AS

Puller-Set  
with 9 legs



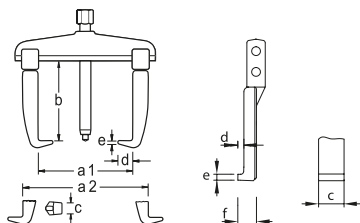
- > 3-arm puller, with 9 slim hooks in 3 lengths

- > Particularly suitable for hard-to-reach areas

| Code    | No.       | a   | b                  | max. t |  |  mm | optional<br> | c    | d   | e   | f    |  |
|---------|-----------|-----|--------------------|--------|---|--|---|------|-----|-----|------|---|
| 8117260 | 1.07/AS   | 130 | 100 / 200 / 250 mm | 2,5    | M 14x1,5 x 140  | 17 mm  | -   | 29,5 | 7,5 | 3,7 | 13,5 | 4,9   |
| 1675990 | 1.07/AS-2 | 200 | 150 / 220 / 300 mm | 5,0    | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 40   | 7   | 5,0 | 15   | 11,5  |





### 1.07/K

Puller-Set  
with 9 legs



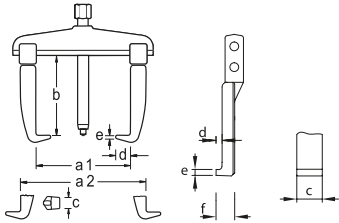
- > In robust plastic case
- > Contents: 1 spindle, 1 cross-beam each 2- and 3-arm pattern and 9 slim pulling legs in 3 lengths

- > 2. spindle in case 1.07/K saves working time

| Code    | No.      | a   | b                  | max. t |  |  mm | optional<br> | c  | d   | e   |  |
|---------|----------|-----|--------------------|--------|---|--|---|----|-----|-----|---|
| 8117340 | 1.07/K   | 130 | 100 / 200 / 250 mm | 2,5    |   | 17 mm  | -   | 27 | 7,5 | 3,7 | 5,8   |
| 1676008 | 1.07/K-2 | 200 | 150 / 220 / 300 mm | 5,0    | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 40 | 7   | 5,0 | 13,5  |





**1.07/K-SE**

Puller-Set  
with 3 legs



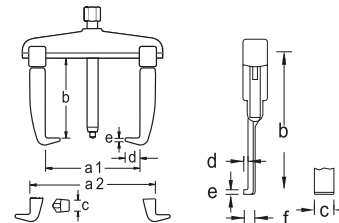
- > In robust plastic case
- > Contents: 1 spindle, 1 cross-beam each 2- and 3-arm pattern and 3 quick-release pulling legs

> 2. spindle in case 1.07/K-1-SE saves working time

| Code    | No.         | a   | b   | max. t |  |  mm | optional<br> | c  | d | e   |  |
|---------|-------------|-----|-----|--------|---|--|---|----|---|-----|---|
| 1438484 | 1.07/K-1-SE | 90  | 100 | 2,5    | M 14x1,5 x 140  | 17 mm  | -   | 27 | 7 | 3,7 | 2,2   |
| 1645455 | 1.07/K-2-SE | 160 | 150 | 5,0    | G 1/2 x 210   | 22 mm  | 1.06/HSP1   | 40 | 7 | 5,0 | 5,5   |




**1.07/K-SE S**

Puller-Set  
with 6 legs



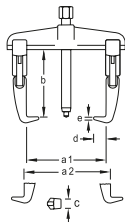
- > In robust plastic case
- > The forged hooked feet are particularly suitable for difficult-to-access places
- > hook with quick adjustment

> Contents: 2 spindles, 1 cross-beam each 2- and 3-arm pattern thin quick-grip pulling legs of the 100 and 200 mm clamping depths

| Code    | No.              | a  | b            | max. t |  |  mm | c  | d   | e   |  |
|---------|------------------|----|--------------|--------|---|--|----|-----|-----|---|
| 1745158 | 1.07/K-1-SE 200S | 90 | 100 - 200 mm | 2,5    | M 14x1,5 x 140  | 17 mm  | 27 | 7,5 | 3,7 | 4,2   |




**1.07/K-B**

Puller-Set  
with 3 legs, with leg brake



- > In robust plastic case
- > Contents: 2 spindles, 1 cross-beam each 2- and 3-arm pattern and 3 rigid legs with leg brake

> Second spindle saves working time

| Code    | No.         | a   | b   | max. t |  |  mm | c  | d  | e   |  |
|---------|-------------|-----|-----|--------|---|--|----|----|-----|---|
| 2224097 | 1.07/K-1A-B | 140 | 100 | 3,0    | M14x1,5 x 140   | 17 mm  | 22 | 15 | 3,0 | 2,9   |

## SUMMARY OF PULLER LEGS

### 106/xx-yy-zz

xx = Leg size (A-C)

yy = Leg length (in mm)

zz = Leg type

for 2-arm puller

for 3-arm puller

Mechanical replacement spindle

Hydraulic replacement spindle

# A

1.04/1A...

1.04/HP1A...

1.06/1...

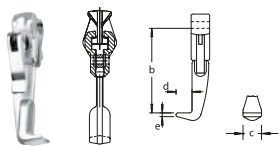
1.06/1A...

1.07/1...

1.07/1A...

M14x1,5

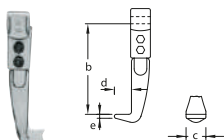
### 104/TE Quick-release pulling legs



- > Quick release puller hook for puller No. 1.04

| Code    | No.          | b   | c  | d  | e   |     |
|---------|--------------|-----|----|----|-----|-----|
| 1499351 | 104/A-100-TE | 100 | 22 | 12 | 3,0 | 0,3 |

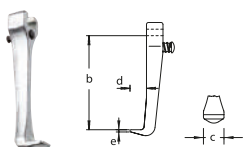
### 106/N Pulling leg THE PROVEN



- > 1 hook incl. clamping pieces with proven screw connection in various lengths

| Code    | No.         | b   | c  | d  | e   |      |
|---------|-------------|-----|----|----|-----|------|
| 1120514 | 106/A-100-N | 100 | 22 | 12 | 3,0 | 0,26 |
| 1120522 | 106/A-200-N | 200 | 22 | 12 | 3,0 | 0,44 |

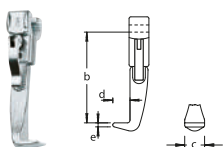
### 106/B Pulling leg THE STURDY



- > 1 hook with hook brake, with safety device against unintentional slipping, at the push of a button the hook can be moved on the crossbar, forged from one piece

| Code    | No.         | b   | c  | d  | e   |      |
|---------|-------------|-----|----|----|-----|------|
| 1970534 | 106/A-100-B | 100 | 22 | 15 | 3,0 | 0,24 |

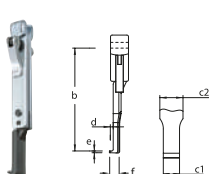
### 106/E Pulling leg THE QUICK



- > 1 hook incl. clamps with quick adjustment, quick and easy adjustment and readjustment of the hooks on the crossbar

| Code    | No.         | b   | c  | d  | e   |      |
|---------|-------------|-----|----|----|-----|------|
| 1178199 | 106/A-100-E | 100 | 22 | 12 | 3,0 | 0,28 |

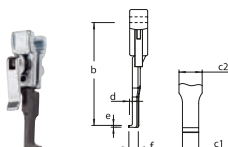
### 106/SE Pulling leg THE SLENDER



- > 1 extra slim leg incl. clamping parts with quick-release adjustment, for fast and uncomplicated setting and adjustment

| Code    | No.           | b   | c  | d   | e   | f    |       |
|---------|---------------|-----|----|-----|-----|------|-------|
| 1438514 | 106/A-100-SE  | 100 | 27 | 7,5 | 3,7 | 13,5 | 0,28  |
| 1671499 | 106/B-150-SE  | 150 | 40 | 7   | 5,0 | 15   | 0,7   |
| 2015757 | 106/A-200-SE  | 200 | 27 | 7,5 | 3,7 | 13,5 | 0,44  |
| 2015773 | 106/A-250-SE  | 250 | 27 | 7,5 | 3,7 | 13,5 | 0,625 |
| 2015781 | 106/A-100-SSE | 100 | 27 | 7,5 | 2,0 | 13,5 | 0,28  |

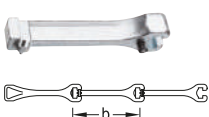
### 106/XSE Pulling leg THE SOPHISTICATED



- > 1 extra slim leg incl. clamping parts with quick-release adjustment, for fast and uncomplicated setting and adjustment
- > Particularly suitable for barely accessible places, e.g. gear maintenance

| Code    | No.           | b   | c1 | c2 | d | e   | f   |      |
|---------|---------------|-----|----|----|---|-----|-----|------|
| 2018748 | 106/A-100-XSE | 100 | 16 | 25 | 5 | 3,7 | 9,6 | 0,24 |

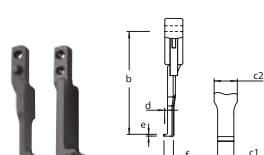
### 106/VB extension leg with leg brake



- > Using the extension between cross-beam and leg the clamping reach can be extended indefinitely
- > Forged from one piece
- > Extra safety through hook brake

| Code    | No.          | b   |       |
|---------|--------------|-----|-------|
| 2329034 | 106/A-100-VB | 100 | 0,236 |

### 106/S - 108/XS Loose legs



- > The small black
- > 1 slim leg foot for use in confined spaces
- > \* S = Spare foot for THE SLIM
- > \*\* XS = Spare foot for THE FILIGREE

| Code    | No.        | c  | d   | e   |      |
|---------|------------|----|-----|-----|------|
| 1076957 | E-106/S101 | 27 | 7,5 | 3,7 | 0,1  |
| 1495607 | 106/S101-S | 27 | 7,5 | 2,0 | 0,11 |

| Code    | No.       | c1 | d | e   | f   |       |
|---------|-----------|----|---|-----|-----|-------|
| 2013681 | 106/XS101 | 16 | 5 | 3,7 | 9,6 | 0,102 |

**B**

|            |              |
|------------|--------------|
| 1.04/2A... | 1.04/HP2A... |
| 1.06/2...  | 1.06/2A...   |
| 1.07/2...  | 1.07/2A...   |
| G1/2"      |              |
| 1.06/HSP1  |              |

**C**

|            |              |                      |
|------------|--------------|----------------------|
| 1.04/3A... | 1.04/HP3A... |                      |
| 1.06/3...  | 1.06/3A...   | 1.06/4...            |
| 1.07/3...  |              | 1.07/4... 1.07/4A... |
| G3/4"      |              | G1" & M55x2          |
| 1.06/HSP2  |              | 1.06/HSP3            |

| Code    | No.          | b   | c  | d  | e   |     |
|---------|--------------|-----|----|----|-----|-----|
| 1499378 | 104/B-150-TE | 150 | 30 | 18 | 3,5 | 0,7 |

| Code    | No.          | b   | c  | d  | e   |     |
|---------|--------------|-----|----|----|-----|-----|
| 1499386 | 104/C-200-TE | 200 | 36 | 28 | 6,5 | 2,9 |

| Code    | No.         | b   | c  | d  | e   |      |
|---------|-------------|-----|----|----|-----|------|
| 1120530 | 106/B-150-N | 150 | 30 | 18 | 3,5 | 0,7  |
| 1120549 | 106/C-200-N | 200 | 36 | 28 | 6,5 | 1,56 |

| Code    | No.         | b   | c  | d  | e   |      |
|---------|-------------|-----|----|----|-----|------|
| 1120557 | 106/C-300-N | 300 | 36 | 28 | 6,5 | 2,36 |
| 1120565 | 106/C-400-N | 400 | 36 | 28 | 6,5 | 2,94 |
| 1120573 | 106/C-500-N | 500 |    | 28 | 6,5 | 3,5  |
| 1123947 | 106/B-300-N | 300 | 30 | 18 | 3,5 | 1,25 |

| Code    | No.         | b   | c  | d  | e   |      |
|---------|-------------|-----|----|----|-----|------|
| 1970542 | 106/B-150-B | 150 | 30 | 24 | 3,5 | 0,58 |

| Code    | No.         | b   | c  | d  | e   |      |
|---------|-------------|-----|----|----|-----|------|
| 1970550 | 106/C-200-B | 200 | 36 | 32 | 5,0 | 1,16 |

| Code    | No.         | b   | c  | d  | e   |      |
|---------|-------------|-----|----|----|-----|------|
| 1178253 | 106/B-150-E | 150 | 30 | 18 | 3,5 | 0,72 |

| Code    | No.         | b   | c  | d  | e   |      |
|---------|-------------|-----|----|----|-----|------|
| 1178350 | 106/C-200-E | 200 | 36 | 28 | 6,5 | 1,52 |

| Code    | No.           | b   | c  | d   | e   | f    |      |
|---------|---------------|-----|----|-----|-----|------|------|
| 2015811 | 106/A-200-SSE | 200 | 27 | 7,5 | 2,0 | 13,5 | 0,46 |
| 2015846 | 106/A-250-SSE | 250 | 27 | 7,5 | 2,0 | 13,5 | 0,58 |
| 2015862 | 106/B-220-SE  | 220 | 40 | 7   | 5,0 | 15   | 0,98 |
| 2015870 | 106/B-300-SE  | 300 | 40 | 7   | 5,0 | 15   | 1,23 |

| Code    | No.           | b   | c1   | c2 | d   | e   | f  |      |
|---------|---------------|-----|------|----|-----|-----|----|------|
| 2018756 | 106/B-150-XSE | 150 | 17,5 | 32 | 5,5 | 3,5 | 11 | 0,63 |

| Code    | No.          | b   |      |
|---------|--------------|-----|------|
| 2329042 | 106/B-150-VB | 150 | 0,56 |

| Code    | No.          | b   |      |
|---------|--------------|-----|------|
| 2329050 | 106/C-200-VB | 200 | 1,32 |

# i SPINDLES

## GEDORE spindles ...

**... require no maintenance!**

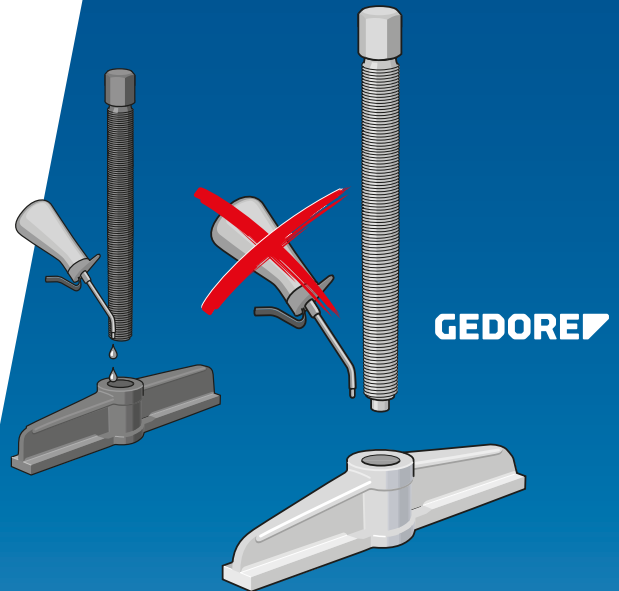
... comprise turned hardened and tempered steel. The fine thread is then rolled - this additional strengthening of the steel gives rolled thread a higher strength than a thread produced by cutting.

... have a fine thread which stops any unintended slackening from vibrations.

... are thermo-chemically treated. Nitro carburating makes the spindle extremely wear resistant and corrosion-proof. Nitro-carburated surfaces have excellent sliding properties.

... **Oiling and greasing is not needed and**, as such, the thread stays clean and smooth much longer. (Resinated, used oil attracts dirt and chips like magic. The thread pitches clog and turning the thread is not easy - in the final resort, this results in ruination of the thread. Not to speak of that irksome task of regularly filling up with oil.)

... are fitted out with a replaceable spindle tip which is equally suitable for both centred and non-centred shafts\*.



### MECHANICAL SPINDLE, HYDRAULIC SPINDLE OR HYDRAULIC PRESS?

- The **mechanical spindles** of GEDORE pullers offer many advantages: made of heat-treated steel, fine thread rolled and thermochemically treated - making them particularly wear-resistant and corrosion-resistant.
- Especially with high forces, the use of a **hydraulic spindle** can save time and effort. The principle of the hydraulic spindle is as simple as it is genial: by screwing in the pressure screw, the grease inside the hydraulic piston is pressed - the extending piston acts on the part to be extracted with a multiple of the force applied manually above Gedore spindles ...

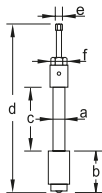
manually applied above on the part to be extracted. Due to this controlled mode of operation, the hydraulic spindle allows safe work and is and is particularly recommended for high forces.

- The **hydraulic press** is an alternative to the hydraulic spindle. It is mounted between the mechanical spindle and the shaft and supports the spindle with its hydraulic power.
- Pulling off with the support of hydraulic aids saves working time and power, as the puller cannot rotate during the pulling-off process.

\* As standard with extractors Nos. 1.04 and No.1.09

### 1.06/HSP

Hydraulic pressure spindle



- > For controlled and safe pulling work
- > Set up for a compression of 10 t, 12 t or 15 t
- > The thrust piece can be replaced by a tip and extended if necessary

- > The small pressure spindle is secured with an unscrewing lock to stop any accidental withdrawal

| Code    | No.       | a      | max. t | max. Nm  | b   | c   | d   | e  | f  | Stroke |       |
|---------|-----------|--------|--------|----------|-----|-----|-----|----|----|--------|-------|
| 8116100 | 1.06/HSP1 | G 1/2" | 10,0   | 17,0 N-m | 80  | 135 | 350 | 12 | 32 | 12     | 1,1   |
| 8116290 | 1.06/HSP2 | G 3/4" | 12,0   | 19,0 N-m | 80  | 205 | 420 | 12 | 36 | 12     | 1,8   |
| 8116370 | 1.06/HSP3 | G 1"   | 15,0   | 33,0 N-m | 125 | 165 | 465 | 17 | 41 | 12     | 3,375 |

### 1.06/HSP-V

Extension for hydraulic spindle




| Code    | No.            | Usable length | ↳ mm ↲ |      |
|---------|----------------|---------------|--------|------|
| 2824787 | 1.06/HSP-35V   | 35            | 60     | 0,25 |
| 2824841 | 1.06/HSP-85V   | 85            | 110    | 0,6  |
| 2824868 | 1.06/HSP-135-V | 135           | 160    | 0,95 |



## 1.06/HSP-D

Pressure piece for hydraulic spindle



| Code    | No.            | Version         |  |
|---------|----------------|-----------------|---|
| 2824876 | 1.06/HSP12-DK  | with ball       | 0,17  |
| 2824884 | 1.06/HSP12-DS  | with tip        | 0,13  |
| 2824892 | 1.06/HSP12-DSK | with lace short | 0,07  |
| 2824906 | 1.06/HSP3-DS   | with tip        | 0,2   |

## 1.55

Hydraulic press



- > By using the hydraulic press, the performance of the normal pressure spindle is considerably increased
- > Important: Release the hydraulics after use


| Code    | No.    | max. t | Stroke height | Installation height |  |
|---------|--------|--------|---------------|---------------------|---|
| 8024090 | 1.55/1 | 8,0    | 10            | 75                  | 1   |
| 8024170 | 1.55/2 | 15,0   | 15            | 90                  | 1,8   |

## Spindle summary



- > KS = ball tip, exchangeable

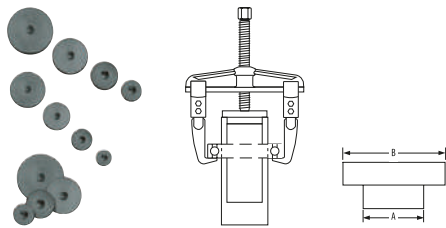
\* Pull spindle

| Code     | No.         | Threads  | usable length | Size/Drive | Ball | Tip |  |
|----------|-------------|----------|---------------|------------|------|-----|---|
| 1076132* | 1.2106400   | G 1/2"   | 400           | 16         |      |     | 1,1   |
| 1084445  | 1.1206110   | M 12x1,5 | 110           | 14         |      | x   | 1,1   |
| 1084453  | 1.1406050   | M 14x1,5 | 50            | 17         |      | x   | 0,105   |
| 1084461  | 1.1406125   | M 14x1,5 | 125           | 17         |      | x   | 0,185   |
| 1084488  | E-1.1406140 | M 14x1,5 | 140           | 17         |      | x   | 0,176   |
| 1084518  | 1.1406155   | M 14x1,5 | 155           | 17         |      | x   | 0,215   |
| 1084526  | 1.1806080   | M 18x1,5 | 80            | 19         |      | x   | 0,195   |
| 1084542  | 1.1806130   | M 18x1,5 | 130           | 19         |      | x   | 0,295   |
| 1084550  | 1.1806170   | M 18x1,5 | 170           | 19         |      | x   | 0,39  |
| 1084569  | 1.1806200   | M 18x1,5 | 200           | 19         |      | x   | 0,44  |
| 1084577  | 1.2106110   | G 1/2"   | 110           | 22         |      | x   | 0,34  |
| 1084585  | 1.2106160   | G 1/2"   | 160           | 22         |      | x   | 0,455   |
| 1084593  | 1.2106210   | G 1/2"   | 210           | 22         |      | x   | 0,615   |
| 1084623  | 1.2106175   | G 1/2"   | 175           | 22         |      | x   | 0,535   |
| 1084631  | 1.2106250   | G 1/2"   | 250           | 22         |      | x   | 0,705   |
| 1084658  | 1.2106350   | G 1/2"   | 350           | 22         |      | x   | 0,955   |
| 1084666  | 1.2606180   | G 3/4"   | 200           | 27         |      | x   | 0,99  |
| 1084674  | 1.2606280   | G 3/4"   | 280           | 27         |      | x   | 1,28  |
| 1084690  | 1.3306310   | G 1"     | 310           | 36         |      | x   | 2,285   |
| 1084704  | 1.3306360   | G 1"     | 360           | 36         |      | x   | 2,6   |
| 1084712  | 1.3306500   | G 1"     | 500           | 36         |      | x   | 3,6   |
| 1084739  | 129.106     | M 10x1,5 | 160           | 14         | x    |     | 0,12  |
| 1084755  | 129.306     | M 14x2,0 | 210           | 17         | x    |     | 0,25  |
| 1084763  | 129.406     | M 18x2,5 | 230           | 19         | x    |     | 0,45  |
| 1084771  | 129.506     | M 20x2,5 | 235           | 22         | x    |     | 0,6   |
| 1084798  | 144.15006   | M 14x1,5 |               |            |      | x   | 0,24  |
| 1546821  | 1.1406140KS | M 14x1,5 | 140           | 17         | x    |     | 0,2   |
| 1546872  | 1.2106210KS | G 1/2"   | 210           | 22         | x    |     | 0,615   |
| 1546910  | 1.2606280KS | G 3/4"   | 280           | 27         | x    |     | 1,27  |
| 1576224  | 1.1406200   | M 14x1,5 | 200           | 17         |      | x   | 0,285   |
| 1795112  | 1.2106250KS | G 1/2"   | 250           | 22         | x    |     | 0,68  |
| 1806564  | 1.2106350   | G 1/2"   | 350           | 22         | x    |     | 0,01  |

## Puller

### 1.80

Spindle pressure pads  
for axle bores (hollow shafts)



- > For the removal of bearings and gear wheels that are mounted on hollow shafts or in housings
- > 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.    | Mounting diameter                          | B Plate Ø                                  |     |
|---------|--------|--|--|-----|
| 1120697 | 1.80/1 | 19, 22, 25, 28, 32, 35, 38, 41, 44, 48, 50 | 25, 28, 32, 35, 41, 44, 48, 50, 54, 60, 64 | 2,3 |

### 1.85/1

Professional plastic  
bearing installation set



- > Using this bearing installation set more than 200 types of bearings may be re-installed effortlessly and without damage
- > The impact-resistant plastic is handily light, but just as robust as the metal variants
- > In rugged plastic case

| Code    | No.    | Contents  | Pieces |     |
|---------|--------|---|--------|-----|
| 1120778 | 1.85/1 | 33 impact rings, 10-50 mm for external Ø 26-110 mm<br>3 aluminium impact sleeves<br>1 recoil-free bodywork hammer with nylon heads (1.2 kg) | 37     | 5,2 |

### 5.10

Safety cover Size 1



- > With pull-off forces of up to 18 t, these PVC safety films offer maximum protection through active safety against suddenly shearing ball bearings, drive pinions or small components. The films are highly flexible and can therefore be used in all situations

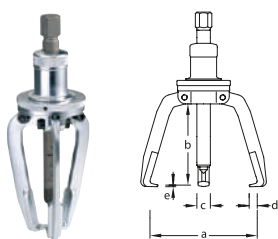
- > Double-layer welded = double safety (thickness of 0.5 mm = 1.0 mm)
- > Tear strength: longitudinal 23 N/mm<sup>2</sup> - lateral 21 N/mm<sup>2</sup>
- > 2 straps for variable adjustment



| Code    | No.  |     |
|---------|------|-----|
| 1868195 | 5.10 | 1,5 |

### 1.09

Puller TWIST + PULL  
3-arm pattern, with rotating adjustment



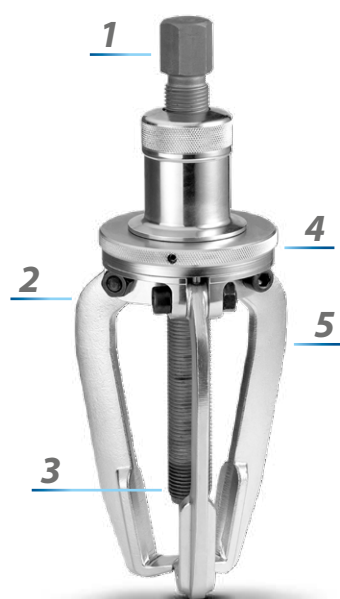
- > The precise manufactured head allows fast and exact use
- > The legs open by simple rotation and enclose automatically the part to be removed

- > No more time-consuming set-up and readjusting of the legs

| Code    | No.    | a min | a max | b   |             |       | c  | d  | e   | max. t |     |
|---------|--------|-------|-------|-----|-------------|-------|----|----|-----|--------|-----|
| 1748173 | 1.09/1 | 30    | 150   | 130 | G 1/2 x 250 | 22 mm | 17 | 12 | 3,0 | 6.5    | 2,5 |
| 1748181 | 1.09/2 | 80    | 250   | 250 | G 1/2 x 350 | 22 mm | 24 | 12 | 3,0 | 6.5    | 4,2 |

# i 1.09 TWIST & PULL

Easy, quick and safe

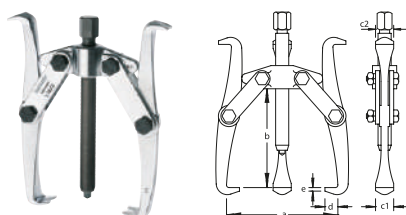


## ADVANTAGES

- No setting-up or readjusting of the legs
- Maintenance-free due to encapsulated mechanics





- 1 Fast and accurate use through the precision manufactured head.
- 2 High-grade steel and thermo-chemical treatment assure high pressure load capacity for the spindle and tensile load capacity in the legs.
- 3 The flexible, interchangeable spindle tip is equipped for different applications.
- 4 The encapsulated mechanics are maintenance-free.
- 5 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.

1.10  
Puller  
2-arm pattern

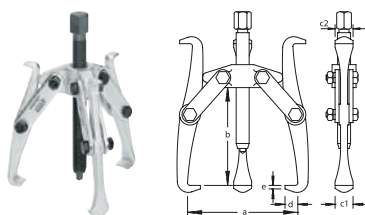


- > Tried and tested, strong design for removing discs, wheels, ball bearings etc.
- > The wide or narrow hook ends, which can be used on both sides, press themselves automatically when loaded

- > 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





| Code    | No.    | a max | b   | max. t |  |  mm | optional<br> | c1 | c2    | d  | e   |  |
|---------|--------|-------|-----|--------|---|--|---|----|-------|----|-----|---|
| 8002600 | 1.10/1 | 90    | 80  | 2      | M 14x1,5 x 125  | 17 mm  | -   | 17 | 10 mm | 7  | 2,0 | 0,7   |
| 8002790 | 1.10/2 | 160   | 130 | 5      | M 18x1,5 x 170  | 19 mm  | -   | 24 | 20 mm | 13 | 3,0 | 2   |
| 1731874 | 1.10/3 | 220   | 170 | 5      | M 18x1,5 x 170  | 19 mm  | -   | 24 | 20 mm | 13 | 3,0 | 2,3   |
| 1731882 | 1.10/4 | 320   | 260 | 8      | G 1/2 x 350   | 22 mm  | 1.06/HSP1   | 27 | 32 mm | 27 | 6,5 | 5,1   |
| 1731890 | 1.10/5 | 400   | 320 | 8      | G 1/2 x 350   | 22 mm  | 1.06/HSP1   | 27 | 32 mm | 27 | 6,5 | 5,8   |

1.11  
Puller  
3-arm pattern

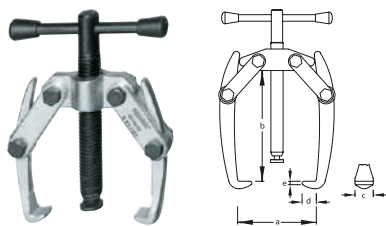


- > Tried and tested, strong design for removing discs, wheels, ball bearings etc.
- > The wide or narrow hook ends, which can be used on both sides, press themselves automatically when loaded

- > 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

| Code    | No.    | a max | b   | max. t |  |  mm | optional<br> | c1 | c2    | d  | e   |  |
|---------|--------|-------|-----|--------|---|--|---|----|-------|----|-----|---|
| 8002950 | 1.11/1 | 90    | 80  | 3      | M 14x1,5 x 125  | 17 mm  | -   | 17 | 10 mm | 7  | 2,0 | 0,9   |
| 8003090 | 1.11/2 | 160   | 130 | 7.5    | M 18x1,5 x 170  | 19 mm  | -   | 24 | 20 mm | 13 | 3,0 | 2,6   |
| 1731904 | 1.11/3 | 220   | 170 | 7.5    | M 18x1,5 x 170  | 19 mm  | -   | 24 | 20 mm | 13 | 3,0 | 3,2   |
| 1731912 | 1.11/4 | 320   | 260 | 12     | G 1/2 x 350   | 22 mm  | 1.06/HSP1   | 27 | 32 mm | 27 | 6,5 | 5,8   |
| 1731920 | 1.11/5 | 400   | 320 | 12     | G 1/2 x 350   | 22 mm  | 1.06/HSP1   | 27 | 32 mm | 27 | 6,5 | 8   |

**1.12**  
Battery-terminal puller  
2-arm pattern

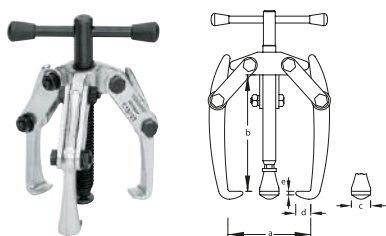


> Ideal for removing small parts such as battery terminals, pulleys, wheels, ball bearings, etc.

> The legs grip automatically

| Code    | No.     | a max | b  | max. t |                | c  | d | e   |      |
|---------|---------|-------|----|--------|----------------|----|---|-----|------|
| 8003840 | 1.12/02 | 60    | 40 | 0.5    | M 10x1,5 x 60  | 10 | 5 | 2,0 | 0,16 |
| 8003760 | 1.12/01 | 60    | 60 | 0.5    | M 10x1,5 x 80  | 10 | 5 | 2,0 | 0,18 |
| 1628402 | 1.12/00 | 70    | 80 | 0.5    | M 10x1,5 x 100 | 14 | 8 | 2,0 | 0,3  |

**1.13**  
Battery-terminal puller  
3-arm pattern

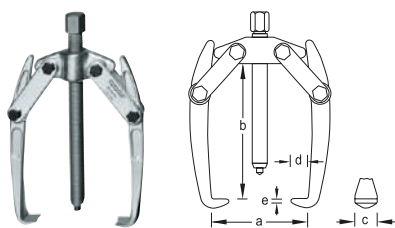


> Ideal for removing small parts such as battery terminals, pulleys, wheels, ball bearings, etc.

> The legs grip automatically

| Code    | No.     | a max | b  | max. t |                | c  | d | e   |     |
|---------|---------|-------|----|--------|----------------|----|---|-----|-----|
| 8004650 | 1.13/02 | 60    | 40 | 0.75   | M 10x1,5 x 60  | 10 | 5 | 2,0 | 0,2 |
| 8004570 | 1.13/01 | 60    | 60 | 0.75   | M 10x1,5 x 80  | 10 | 5 | 2,0 | 0,2 |
| 1628410 | 1.13/00 | 70    | 80 | 1      | M 10x1,5 x 100 | 14 | 8 | 2,0 | 0,4 |

**1.12**  
Puller  
2-arm pattern



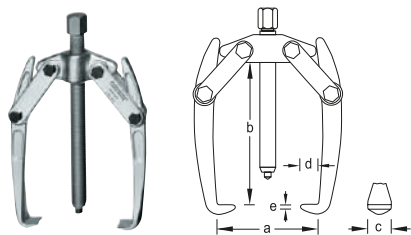
> Handy robust model for the removal of pulleys, wheels, ball bearings, etc.  
> Inexpensive economy model

> The legs grip automatically

| Code    | No.    | a max | b   | max. t |                | mm    | optional<br> | c  | d  | e   |     |
|---------|--------|-------|-----|--------|----------------|-------|--------------|----|----|-----|-----|
| 8003250 | 1.12/0 | 70    | 80  | 1      | M 12x1,5 x 110 | 14 mm | -            | 14 | 8  | 2,0 | 0,4 |
| 8003330 | 1.12/1 | 90    | 120 | 2      | M 14x1,5 x 155 | 17 mm | -            | 18 | 11 | 2,5 | 0,8 |
| 8003410 | 1.12/2 | 130   | 160 | 5      | M 18x1,5 x 200 | 19 mm | -            | 25 | 14 | 3,0 | 1,9 |
| 8003680 | 1.12/3 | 180   | 200 | 8      | G 1/2 x 250    | 22 mm | 1.06/HSP1    | 32 | 20 | 4,0 | 3,7 |





### 1.12

Puller  
2-arm pattern



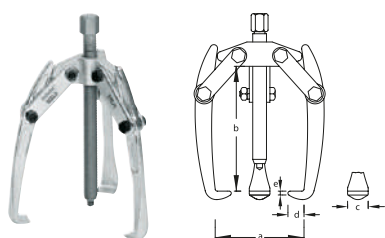
- > Handy robust model for the removal of pulleys, wheels, ball bearings, etc.
- > Inexpensive economy model

> The legs grip automatically

| Code    | No.    | a max | b   | max. t |  |  | optional<br> | c  | d  | e   |  |
|---------|--------|-------|-----|--------|---|---|---|----|----|-----|---|
| 8003250 | 1.12/0 | 70    | 80  | 1      | M 12x1,5 x 110  | 14 mm   | -   | 14 | 8  | 2,0 | 0,4   |
| 8003330 | 1.12/1 | 90    | 120 | 2      | M 14x1,5 x 155  | 17 mm   | -   | 18 | 11 | 2,5 | 0,8   |
| 8003410 | 1.12/2 | 130   | 160 | 5      | M 18x1,5 x 200  | 19 mm   | -   | 25 | 14 | 3,0 | 1,9   |
| 8003680 | 1.12/3 | 180   | 200 | 8      | G 1/2 x 250   | 22 mm   | 1.06/HSP1   | 32 | 20 | 4,0 | 3,7   |





### 1.13

Puller  
3-arm pattern



- > Handy robust model for the removal of pulleys, wheels, ball bearings, etc.
- > Inexpensive economy model

> The legs grip automatically

| Code    | No.    | a max | b   | max. t |  |  | optional<br> | c  | d  | e   |  |
|---------|--------|-------|-----|--------|---|---|---|----|----|-----|---|
| 8004140 | 1.13/0 | 70    | 80  | 2      | M 12x1,5 x 110  | 14 mm   | -   | 14 | 8  | 2,0 | 0,5   |
| 8004220 | 1.13/1 | 90    | 120 | 3      | M 14x1,5 x 155  | 17 mm   | -   | 18 | 11 | 2,5 | 1,5   |
| 8004300 | 1.13/2 | 130   | 160 | 7.5    | M 18x1,5 x 200  | 19 mm   | -   | 25 | 14 | 3,0 | 2,5   |
| 8004490 | 1.13/3 | 180   | 200 | 12     | G 1/2 x 250   | 22 mm   | 1.06/HSP1   | 32 | 20 | 4,0 | 5,3   |





### 1.14

Puller  
2-arm pattern

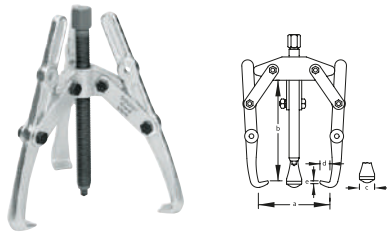


- > Tried and tested, particularly strong design for removing discs, wheels, ball bearings etc.
- > With technical and economical benefits due to the variable clamping reach and automatic grip of the legs

> Particularly suitable for pulling off V-belt pulleys and flywheels which are mounted on longer shafts  
> Upgradeable with hydraulic spindle





| Code    | No.    | a max | b   | max. t |  |  | optional<br> | c  | d  | e   |  |
|---------|--------|-------|-----|--------|---|---|---|----|----|-----|---|
| 8004810 | 1.14/0 | 90    | 100 | 1      | M 12x1,5 x 110  | 14 mm   | -   | 14 | 9  | 2,0 | 0,4   |
| 8005030 | 1.14/1 | 130   | 140 | 2      | M 14x1,5 x 140  | 17 mm   | -   | 18 | 11 | 2,0 | 0,9   |
| 8005380 | 1.14/2 | 200   | 210 | 5      | M 18x1,5 x 200  | 19 mm   | -   | 25 | 16 | 3,0 | 2,2   |
| 8005460 | 1.14/3 | 250   | 260 | 8      | G 1/2 x 250   | 22 mm   | 1.06/HSP1   | 32 | 18 | 3,5 | 4,4   |
| 8005540 | 1.14/4 | 280   | 390 | 8      | G 1/2 x 250   | 22 mm   | 1.06/HSP1   | 32 | 20 | 3,5 | 5,1   |
| 8005620 | 1.14/5 | 420   | 480 | 8      | G 1/2 x 350   | 22 mm   | 1.06/HSP1   | 32 | 20 | 3,5 | 6   |

**1.15**  
Puller  
3-arm pattern

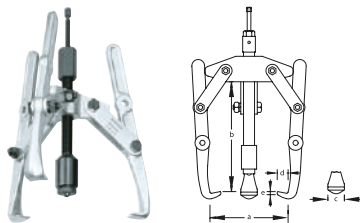


- > Tried and tested, particularly strong design for removing discs, wheels, ball bearings etc.
- > With technical and economical benefits due to the variable clamping reach and automatic grip of the legs

- > Particularly suitable for pulling off V-belt pulleys and flywheels which are mounted on longer shafts
- > Upgradeable with hydraulic spindle

| Code    | No.    | a max | b   | max. t |  |  mm | optional<br> | c  | d  | e   |  |
|---------|--------|-------|-----|--------|---|--|---|----|----|-----|---|
| 8006000 | 1.15/0 | 90    | 100 | 2      | M 12x1,5 x 110  | 14 mm  | -   | 14 | 9  | 2,0 | 0,5   |
| 8006190 | 1.15/1 | 130   | 140 | 3      | M 14x1,5 x 140  | 17 mm  | -   | 18 | 11 | 2,0 | 1,2   |
| 8006350 | 1.15/2 | 200   | 210 | 7.5    | M 18x1,5 x 200  | 25 mm  | -   | 25 | 16 | 3,0 | 3,3   |
| 8006430 | 1.15/3 | 250   | 260 | 12     | G 1/2 x 250   | 22 mm  | 1.06/HSP1   | 32 | 18 | 3,5 | 6,3   |
| 8006510 | 1.15/4 | 280   | 390 | 12     | G 1/2 x 250   | 22 mm  | 1.06/HSP1   | 32 | 20 | 3,5 | 7,7   |
| 8006780 | 1.15/5 | 420   | 480 | 12     | G 1/2 x 350   | 22 mm  | 1.06/HSP1   | 32 | 20 | 3,5 | 8,9   |

**1.15/HSP**  
Puller  
hydraulic, 3-arm pattern

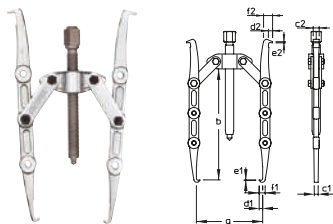


- > With technical and economical benefits due to the variable clamping reach and automatic grip of the legs
- > Particularly suitable for pulling off V-belt pulleys and flywheels which are mounted on longer shafts

- > With the hydraulic spindle, a controlled and safe pulling action is possible at all times




| Code    | No.         | a max | b   | max. t | max. Nm | d         |  mm | c  | d  | e   |  |
|---------|-------------|-------|-----|--------|---------|-----------|--|----|----|-----|---|
| 1392980 | 1.15/4-HSP1 | 280   | 310 | 10     | 17,0    | 1.06/HSP1 | 32 mm  | 32 | 20 | 3,5 | 8,1   |

**1.14/L**  
Fan puller  
2-arm pattern

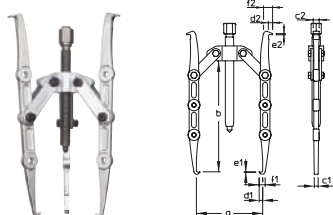


- > Especially slim hooks, can be used on both sides, with triple adjustment of the clamping depth
- > The wide or narrow hook ends, which can be used on both sides, press themselves automatically when loaded

- > For use on fans with 2-holes up from Ø 10 mm




| Code    | No.     | a max | b       | max. t |  |  mm | c1  | c2    | d | e1  | e2 | f1 | f2   |  |
|---------|---------|-------|---------|--------|---|--|-----|-------|---|-----|----|----|------|---|
| 8005110 | 1.14/1L | 150   | 100-200 | 1      | M 14x1,5 x 155  | 17 mm  | 6,6 | 10 mm | 6 | 1,0 | 2  | 10 | 16,5 | 0,9   |

**1.15/L**  
Fan puller  
3-arm pattern



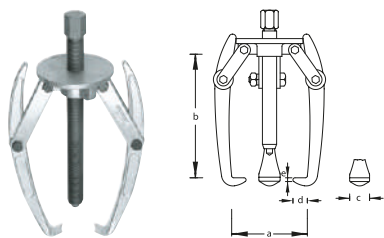
- > Especially slim hooks, can be used on both sides, with triple adjustment of the clamping depth
- > The wide or narrow hook ends, which can be used on both sides, press themselves automatically when loaded

- > For use on fans with 3-holes up from Ø 10 mm

| Code    | No.     | a max | b          | max. t |  |  mm | c1  | c2    | d | e1  | e2     | f1 | f2   |  |
|---------|---------|-------|------------|--------|---|--|-----|-------|---|-----|--------|----|------|---|
| 8006270 | 1.15/1L | 150   | 100-200 mm | 1.5    | M 14x1,5 x 155  | 17 mm  | 6,6 | 10 mm | 6 | 1,0 | 2,0 mm | 10 | 16,5 | 1,3   |

### 1.16

Puller  
2-arm pattern



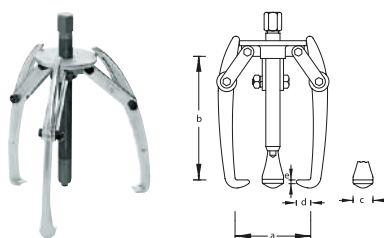
- > Very strong
- > The legs grip automatically
- > Upgradeable with hydraulic spindle

- > Can be extended to 3 arms by additionally buying a large hook no. 116

| Code    | No.    | a max | b   | max. t |           |       | optional<br> | c  | d  | e   |     |
|---------|--------|-------|-----|--------|-----------|-------|--------------|----|----|-----|-----|
| 8007080 | 1.16/1 | 300   | 300 | 8      | G 1 x 360 | 36 mm | 1.06/HSP3    | 32 | 19 | 3,0 | 8,4 |
| 8007160 | 1.16/2 | 450   | 420 | 8      | G 1 x 500 | 36 mm | 1.06/HSP3    | 32 | 22 | 3,0 | 10  |

### 1.17

Puller  
3-arm pattern



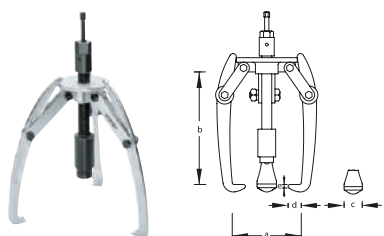
- > Very strong
- > The legs grip automatically
- > Upgradeable with hydraulic spindle

- > Can be used as 2- and 3-arm puller

| Code    | No.    | a max | b   | max. t |           |       | optional<br> | c  | d  | e   |      |
|---------|--------|-------|-----|--------|-----------|-------|--------------|----|----|-----|------|
| 8007320 | 1.17/1 | 300   | 300 | 12     | G 1 x 360 | 36 mm | 1.06/HSP3    | 32 | 19 | 3,0 | 10,5 |
| 8007400 | 1.17/2 | 450   | 420 | 12     | G 1 x 500 | 36 mm | 1.06/HSP3    | 32 | 22 | 3,0 | 12,7 |

### 1.17/HSP

Puller  
3-arm pattern



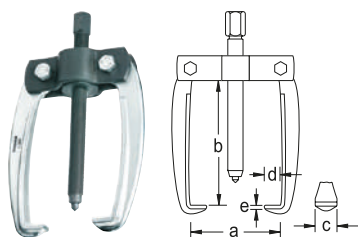
- > Very strong
- > The legs grip automatically

- > With the hydraulic spindle, a controlled and safe pulling action is possible at all times

| Code    | No.         | a max | b   | max. t | max. Nm | d         |       | c  | d  | e   |      |
|---------|-------------|-------|-----|--------|---------|-----------|-------|----|----|-----|------|
| 8014370 | 1.17/2-HSP3 | 450   | 295 | 12     | 29,0    | 1.06/HSP3 | 41 mm | 32 | 22 | 3,0 | 12,6 |

### 1.18

Puller  
2-arm pattern



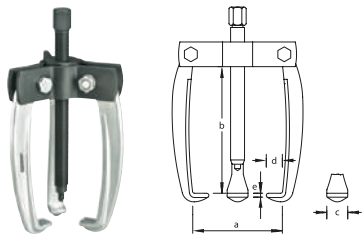
- > The tried and tested range for economical bearing removal

| Code    | No.    | a max | b   | max. t |                |       | optional<br> | c  | d  | e   |     |
|---------|--------|-------|-----|--------|----------------|-------|--------------|----|----|-----|-----|
| 1464965 | 1.18/1 | 110   | 110 | 2      | M 14x1,5 x 163 | 17 mm | -            | 17 | 18 | 5,0 | 1   |
| 1464973 | 1.18/2 | 160   | 140 | 3      | M 18x1,5 x 215 | 19 mm | -            | 21 | 20 | 6,5 | 2,1 |
| 1464981 | 1.18/3 | 200   | 200 | 5      | G 1/2 x 282    | 22 mm | 1.06/HSP1    | 22 | 22 | 7,5 | 3,4 |







## Puller

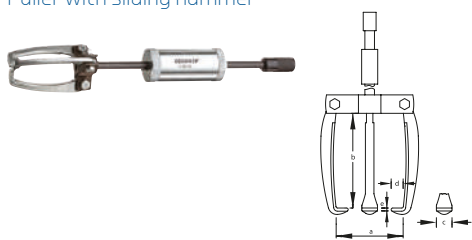
### 1.19 Puller 3-arm pattern



- > The tried and tested range for economical bearing removal

| Code    | No.    | a max | b   | max. t |  |  | optional<br> | c  | d  | e   |  |
|---------|--------|-------|-----|--------|---|---|---|----|----|-----|---|
| 1465007 | 1.19/1 | 110   | 110 | 2      | M 14x1,5 x 163  | 17 mm   | -   | 17 | 18 | 5,0 | 1,4   |
| 1465015 | 1.19/2 | 160   | 140 | 3      | M 18x1,5 x 215  | 19 mm   | -   | 21 | 20 | 6,5 | 2,7   |
| 1465023 | 1.19/3 | 200   | 200 | 5      | G 1/2 x 282   | 22 mm   | 1.06/HSP1   | 22 | 22 | 7,5 | 4,5   |

### 1.19/SH Puller with sliding hammer

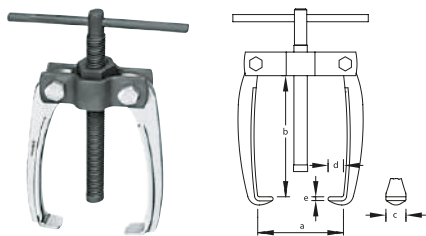


- > Inexpensive economy model
- > Spindle not supplied

- > With sliding hammer 1.35/1A, impact weight 700 g



| Code    | No.          | a max | b  | max. t | c  | d  | e   |  |
|---------|--------------|-------|----|--------|----|----|-----|---|
| 2178001 | 1.19/01-SH1A | 70    | 70 | 1      | 12 | 10 | 3,0 | 1,2   |

### 1.18 Battery-terminal puller 2-arm pattern



- > The tried and tested range for economical bearing removal

- > Can also be used with sliding hammer no. 1.35/1A



| Code    | No.     | a max | b  | max. t |  | c  | d  | e   |  |
|---------|---------|-------|----|--------|---|----|----|-----|---|
| 1656996 | 1.18/02 | 65    | 50 | 1      | M 10 x 115  | 12 | 10 | 3,0 | 0,23  |
| 1657089 | 1.18/01 | 70    | 70 | 1      | M 10 x 115  | 12 | 10 | 3,0 | 0,24  |
| 1656937 | 1.18/0  | 80    | 80 | 1      | M 10 x 115  | 12 | 10 | 3,0 | 0,24  |

### 1.19 Battery-terminal puller 3-arm pattern



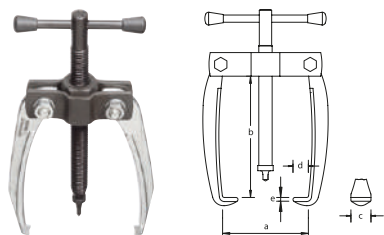
- > The tried and tested range for economical bearing removal

- > Can also be used with sliding hammer no. 1.35/1A

| Code    | No.     | a max | b  | max. t |  | c  | d  | e   |  |
|---------|---------|-------|----|--------|---|----|----|-----|---|
| 1657054 | 1.19/02 | 65    | 50 | 1      | M 10 x 115  | 12 | 10 | 3,0 | 0,28  |
| 1657046 | 1.19/01 | 70    | 70 | 1      | M 10 x 115  | 12 | 10 | 3,0 | 0,3   |
| 1657011 | 1.19/0  | 80    | 80 | 1      | M 10 x 115  | 12 | 10 | 3,0 | 0,3   |

## 1.18/XS

Puller  
2-arm pattern, with extra slim legs

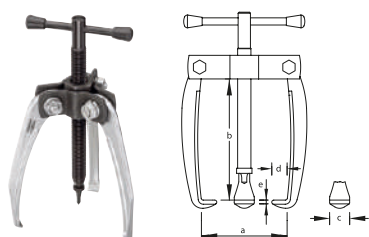


- > Very slim forged legs
- > Particularly suitable for space conditions that are difficult to access, e.g. in the electric motor area

| Code    | No.      | a max | b  | max. t |  | c | d | e   | s      |  |
|---------|----------|-------|----|--------|---|---|---|-----|--------|---|
| 2018594 | 1.18/OXS | 50    | 70 | 0.5    | M 10x1,5 x 100  | 8 | 3 | 2,0 | 2,9 mm | 0,24  |

## 1.19/XS

Puller  
3-arm pattern, with extra slim legs

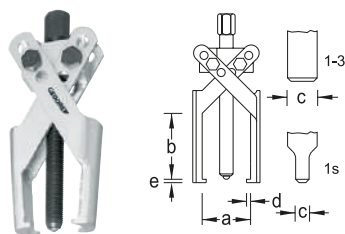


- > Very slim forged legs
- > Particularly suitable for space conditions that are difficult to access, e.g. in the electric motor area

| Code    | No.      | a max | b max | max. t |  | c | d | e   | s      |  |
|---------|----------|-------|-------|--------|---|---|---|-----|--------|---|
| 2018608 | 1.19/OXS | 50    | 70    | 0.8    | M 10x1,5 x 100  | 8 | 3 | 2,0 | 2,9 mm | 0,3   |




## 1.23

Puller  
with slim legs



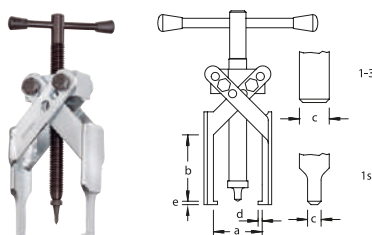
- > For extraction from the bearing in spaces that are difficult to access
- > The legs grip automatically

> No. 1.23/S: Especially narrow hooks

| Code    | No.     | a1  | b   | max. t |  |  mm | c  | d | e   |  |
|---------|---------|-----|-----|--------|---|--|----|---|-----|---|
| 8084580 | 1.23/1S | 80  | 85  | 1.5    | M 10 x 105  | 12 mm  | 11 | 4 | 2,5 | 0,4   |
| 8084310 | 1.23/1  | 80  | 85  | 2      | M 10 x 105  | 12 mm  | 23 | 4 | 2,5 | 0,4   |
| 8084660 | 1.23/2  | 120 | 120 | 3.5    | M 14x1,5 x 130  | 17 mm  | 31 | 5 | 3,5 | 0,8   |
| 8084740 | 1.23/3  | 120 | 150 | 3.5    | M 14x1,5 x 205  | 17 mm  | 31 | 5 | 3,5 | 1   |


## 1.23/XS

Puller  
with extra slim legs



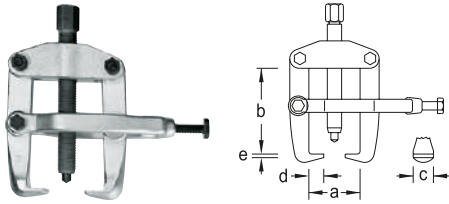
- > Very slim forged legs
- > Particularly suitable for space conditions that are difficult to access, e.g. in the electric motor area

> The legs grip automatically

| Code    | No.      | a max | b  | max. t |  | c | d   | e   | s      |  |
|---------|----------|-------|----|--------|---|---|-----|-----|--------|---|
| 2018578 | 1.23/1XS | 80    | 85 | 0.7    | M 10x1,5 x 100  | 9 | 3,5 | 2,0 | 2,9 mm | 0,355   |

## Puller

### 1.20 Puller with clamping yoke

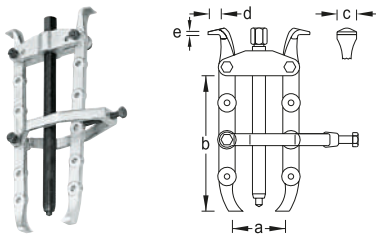


> This puller is mainly used for pulling steering levers on cars and trucks

> The clamping yoke applies firm pressure behind the part to be moved and keeps the puller firmly in the correct position

| Code    | No.    | a1  | b   | max. t |                | mm    | optional<br> | c  | d  | e   |     |
|---------|--------|-----|-----|--------|----------------|-------|--------------|----|----|-----|-----|
| 8008050 | 1.20/1 | 90  | 85  | 5      | M 18x1,5 x 130 | 19 mm | -            | 22 | 12 | 3,0 | 1,6 |
| 8008130 | 1.20/2 | 90  | 100 | 5      | M 18x1,5 x 130 | 19 mm | -            | 24 | 15 | 3,0 | 1,7 |
| 8008210 | 1.20/3 | 150 | 140 | 7.5    | G 1/2 x 175    | 22 mm | 1.06/HSP1    | 30 | 18 | 3,5 | 3,4 |

### 1.22 Puller with clamping yoke

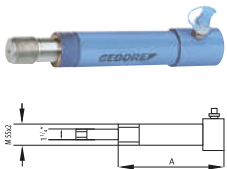


> Double sided usable hooks  
> Especially suitable for separating and pulling off flush fitting parts

> Particularly economical due to the multiple adjustment possibilities of the clamping depth

| Code    | No.    | a1  | b   | max. t |                | mm    | optional<br> | c  | d  | e   |     |
|---------|--------|-----|-----|--------|----------------|-------|--------------|----|----|-----|-----|
| 8009020 | 1.22/1 | 110 | 170 | 5      | M 18x1,5 x 200 | 19 mm | -            | 25 | 14 | 3,5 | 2,2 |
| 8009100 | 1.22/2 | 160 | 260 | 7.5    | G 1/2 x 350    | 22 mm | 1.06/HSP1    | 25 | 14 | 3,5 | 4,4 |
| 8009290 | 1.22/3 | 160 | 325 | 7.5    | G 1/2 x 350    | 22 mm | 1.06/HSP1    | 25 | 14 | 3,5 | 4,6 |

### 1.50 Hydraulic implements



- > Suitable for pressing, straightening, lifting, bending, and pulling
- > Consisting of hand pump No. 1.50/1 and hydraulic cylinder No. 1.51
- > Simple oil filling, can be used directly

| Code    | No.     | Contents   | max. bar |    |
|---------|---------|--|----------|----|
| 8110410 | 1.50/10 | Hydraulic hand pump 1.50/1<br>Hydraulic cylinder 1.51/10 | 700,0    | 14 |
| 8110680 | 1.50/11 | Hydraulic hand pump 1.50/1<br>Hydraulic cylinder 1.51/11 | 700,0    | 15 |

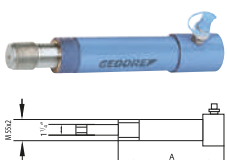
### 1.50/1 Hydraulic hand pump



- > Complete with 1.50 m high-pressure hose
- > To fit hydraulic cylinder 1.51
- > Incl. fitting and dust cover
- > Simple oil filling, can be used directly

| Code    | No.    | for hydraulic cylinder | max. bar |     |
|---------|--------|------------------------|----------|-----|
| 8022710 | 1.50/1 | 1.51/10 1.51/11        | 700,0    | 8,3 |

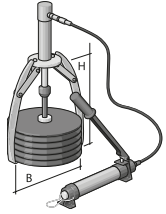
### 1.51 Hydraulic cylinder



- > Connection size 3/8"
- > Incl. fitting and dust cover
- > Simple oil filling, can be used directly

| Code    | No.     | Stroke height | max. t | max. bar | A   |   |
|---------|---------|---------------|--------|----------|-----|---|
| 8023440 | 1.51/10 | 150           | 10,0   | 700,0    | 275 | 5 |
| 8110760 | 1.51/11 | 230           | 10,0   | 700,0    | 355 | 6 |

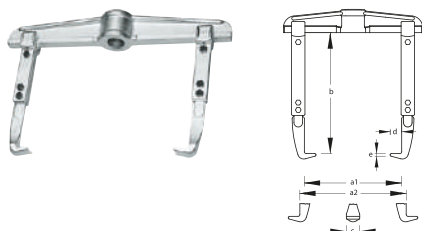
**1.51/V**  
Extension leg for  
1.51/10 + 11



- > No. 1.51/V015 serves as cylinder piston protection
- > The 1.51/V045, 1.51/V125 and 1.51/V205 extensions are attached to the hydraulic cylinder using adaptor 1.51/A-2

| Code           | No.       | Designation                              |       |
|----------------|-----------|--|-------|
| <b>2065045</b> | 1.51/V015 | Extension and cylinder protection 15 mm  | 0,425 |
| <b>2065053</b> | 1.51/V045 | Extension for hydraulic cylinder, 45 mm  | 0,48  |
| <b>2065061</b> | 1.51/V125 | Extension for hydraulic cylinder, 125 mm | 0,895 |
| <b>2065088</b> | 1.51/V205 | Extension for hydraulic cylinder, 205 mm | 1,33  |
| <b>2065096</b> | 1.51/A-2  | Adaptor for 1.51/V045 - V205             | 0,5   |

**1.06/H**  
Puller  
for hydraulic implement 1.50

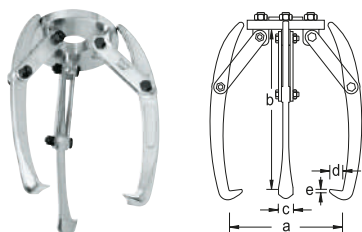


- > For the fast and damage-free removal of pulleys, wheels, ball bearings, etc.
- > Robust pattern, designed for rigidity and heavy duty use
- > Can be used as external and internal puller by repositioning the hooks

- > The reach may be increased both by using pulling legs in special lengths, and by using extensions

| Code           | No.     | a1  | a2 min | a2 max | b   | max. t | c  | d  | e   |    |
|----------------|---------|-----|--------|--------|-----|--------|----|----|-----|----|
| <b>8112620</b> | 1.06/40 | 520 | 185    | 600    | 200 | 10     | 36 | 28 | 6,5 | 11 |

**1.17/H**  
Puller  
for hydraulic implement 1.50

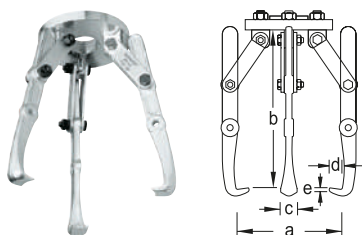


- > Heavy-duty pattern for the removal of gear wheels, spoked wheels, pulleys, etc.
- > The legs grip automatically

- > Can be used as 2- and 3-arm puller

| Code           | No.     | a1  | b   | max. t | c  | d  | e   |      |
|----------------|---------|-----|-----|--------|----|----|-----|------|
| <b>8007590</b> | 1.17/10 | 300 | 300 | 12     | 36 | 19 | 3,5 | 9,1  |
| <b>8109670</b> | 1.17/20 | 425 | 425 | 12     | 36 | 22 | 3,5 | 12,4 |

**1.15**  
Puller  
for hydraulic implement 1.50



- > Heavy-duty pattern for the removal of gear wheels, spoked wheels, pulleys, etc.
- > The legs grip automatically

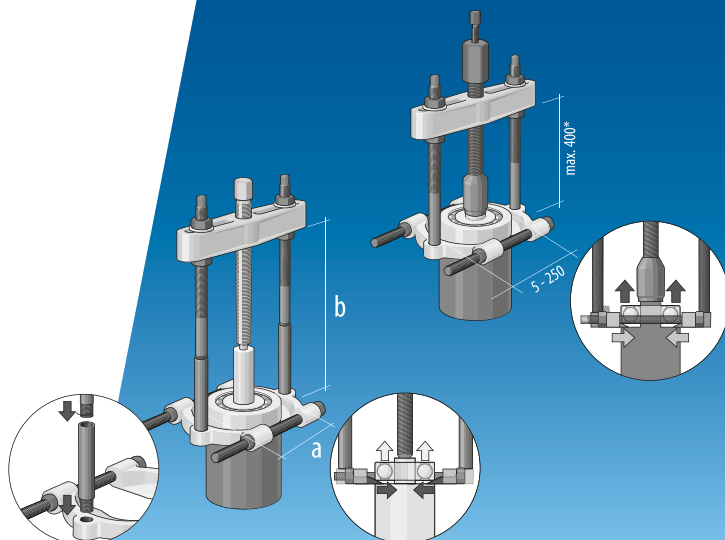
- > Due to the adjustment possibility of the clamping depth, there are various possible applications
- > Can be used as 2- and 3-arm puller

| Code           | No.     | a1  | b   | max. t | c  | d  | e   |     |
|----------------|---------|-----|-----|--------|----|----|-----|-----|
| <b>8006860</b> | 1.15/30 | 250 | 260 | 12     | 32 | 18 | 3,5 | 9   |
| <b>8109590</b> | 1.15/40 | 280 | 390 | 12     | 32 | 20 | 3,5 | 9,2 |

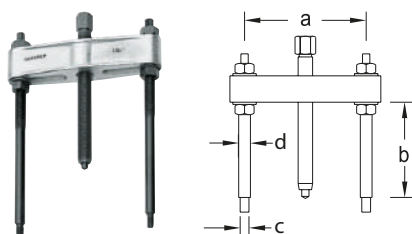
# i SEPARATORS

## Separator pullers 1.38 and 1.40

- GEDORE separating blades are particularly suited for removing taper roller and ball bearings, inner bearing races and other tightly seated or thin-walled parts.
- To remove tightly-seated parts, the sharp edges of the separator blades are pressed behind the part to be removed which is then withdrawn using the correct 1.38 separator puller.
- To avoid damage to delicate parts, the flat surfaces of the separator blades are used. This produces a large contact surface that prevents tilting.
- The clamping reach can be enlarged with the aid of the 1.38/AV - FV tension bolt extensions.



### 1.38 Separator puller

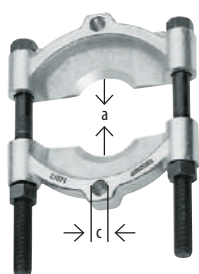


> These pullers are used in conjunction with the No. 1.40 cutting blades

> The tension bolts are screwed into the threaded holes of the cutting blades

| Code    | No.    | a       | b   | for separator | mm          | optional | C / D     |                   |      |
|---------|--------|---------|-----|---------------|-------------|----------|-----------|-------------------|------|
| 8017550 | 1.38/0 | 40-120  | 125 | 1.40/0        | M 14 x 120  | 17 mm    | -         | M10 / M12x1,5     | 1    |
| 8017630 | 1.38/1 | 165-60  | 180 | 1.40/1        | M 18 x 170  | 19 mm    | -         | M10 / M14x1,5     | 1,1  |
| 8017710 | 1.38/2 | 70-215  | 195 | 1.40/2        | G 1/2 x 210 | 22 mm    | 1.06/HSP1 | M14x1,5 / M16x1,5 | 3,4  |
| 8017980 | 1.38/3 | 90-300  | 205 | 1.40/3        | G 3/4 x 280 | 27 mm    | 1.06/HSP2 | M18x1,5 / M20x1,5 | 6,5  |
| 8018010 | 1.38/4 | 125-380 | 275 | 1.40/4        | G 1 x 310   | 36 mm    | 1.06/HSP3 | M22x1,5 / M24x1,5 | 11,6 |
| 8018280 | 1.38/5 | 140-440 | 320 | 1.40/5        | G 1 x 360   |          | 1.06/HSP3 | M24x1,5 / M26x1,5 | 16,6 |

### 1.40 Separator



> For removing taper roller and ball bearings, inner bearing races, and other tightly-seated or thin-walled parts

| Code    | No.    | A mm      | for puller | C       |      |
|---------|--------|-----------|------------|---------|------|
| 8019680 | 1.40/0 | 5-60 mm   | 1.38/0     | M10     | 0,5  |
| 8019760 | 1.40/1 | 12-75 mm  | 1.38/1     | M10     | 0,9  |
| 8019840 | 1.40/2 | 22-115 mm | 1.38/2     | M14x1,5 | 2,4  |
| 8019920 | 1.40/3 | 30-155 mm | 1.38/3     | M18x1,5 | 4,7  |
| 8020180 | 1.40/4 | 30-200 mm | 1.38/4     | M22x1,5 | 8,9  |
| 8020260 | 1.40/5 | 30-250 mm | 1.38/5     | M24x1,5 | 15,3 |

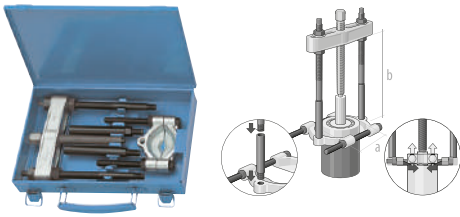
### 1.38/V Extension (pair)



> Extensions for the puller No. 1.38

| Code    | No.     | for puller    | C       | mm  |     |
|---------|---------|---------------|---------|-----|-----|
| 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 |

1.41  
Separator and puller set



> Set comprising separator, puller, and extension rods

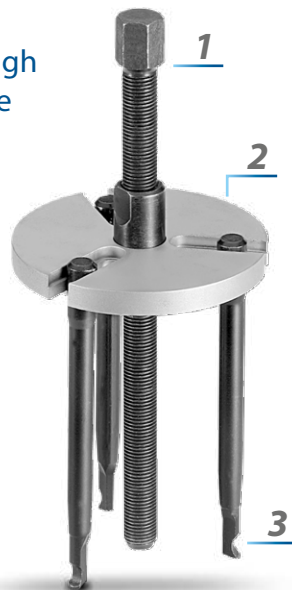
> In robust sheet metal case

| Code    | No.    | a      | b   | Contents  |      |
|---------|--------|--------|-----|---|------|
| 8109750 | 1.41/0 | 5-60   | 225 | 1.38/0 Extractor 40-120 mm, 1.38/AV Extension M10 (pair)<br>1.40/0 Separating device 5-60 mm, 141/099B Sheet metal box empty            | 2,8  |
| 8109830 | 1.41/1 | 12-75  | 280 | 1.38/1 Extractor 60-165 mm, 1.38/AV Extension M10 (pair)<br>1.40/1 Separating device 12-75 mm, 141/099B Sheet metal box empty           | 5,2  |
| 8109910 | 1.41/2 | 22-115 | 295 | 1.38/2 Extractor 70-215 mm, 1.38/CV Extension M14x1,5 (pair)<br>1.40/2 Separating device 22-115 mm, 141/299B Sheet metal box empty      | 9    |
| 8110090 | 1.41/3 | 30-155 | 305 | 1.38/3 Pulling device 90-300 mm, 1.38/DV Extension M18x1.5 (pair)<br>1.40/3 Separating device 30-155 mm, 141/399B Sheet metal box empty | 16   |
| 8110170 | 1.41/4 | 30-200 | 475 | 1.38/4 Extractor 125-380 mm, 1.38/EV Extension M22x1.5 (pair)<br>1.40/4 Separating device 30-200 mm, 141/499B Sheet metal box empty     | 28,6 |

**i** 1.92

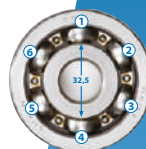
Better solutions through innovative and precise technology

Suitable for more than 40 standard ball bearings up to 6311



- 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

- The solution for ball bearings, which are mounted on a shaft or in a housing, and thus cannot be extracted neither from the inside nor from the outside. Fields of application Suitable for more than 40 standard ball bearings up to 6311
- Extracting without drilling open the ball bearing! Therefore no risk of any chippings in machines.
- In view of the different ball bearing constructions dependent on manufacturer, the table presented can only serve as an orientation guide in selecting the legs and heads.
- The puller legs suggested in the tables are not mandatory. They only represent a recommendation based on the specifications of reputable ball bearing manufacturers



6 balls



7 balls

- The "inner functioning" (cage, diameters of the rolling elements and their number) of a bearing is not standardized.
- If a hook does not fit, then choose the next larger / smaller hook.
- Head sectioning is based on the number of rolling elements.
- In practise this means that whilst a puller leg fits into bearing 6403 of manufacturer X, it does not with the same 6403 bearing of manufacturer Y. This is because manufacturer Y installs one ball more than manufacturer X.

1.92

Set of ball bearing extractors PLUS



- > Using the GEDORE ball bearing extractor, the removal of shaft-mounted ball bearings in a housing is now possible without any problems
- > This tool is easy to use: The legs are fixed in the slot
- > Self-locking guarantees 100% power transmission and maximum safety when pulling

- > Secure at all times against slipping off - and a straight pulling force for precise working
- > Suitable for more than 40 standard ball bearings up to 6311


| Code    | No.     | Bearing                           | Hook    | Head size |      |         |         |      |
|---------|---------|-----------------------------------|---------|-----------|------|---------|---------|------|
| 1553534 | 1.92/1  | 6000                              | 1.92/10 | 192/1-7   | 2,33 |         |         |      |
|         |         | 6001                              | 1.92/10 | 192/1-4   |      |         |         |      |
|         |         | 6002                              | 1.92/10 | 192/1-3   |      |         |         |      |
|         |         | 6003                              | 1.92/10 | 192/1-4   |      |         |         |      |
|         |         | 6004                              | 1.92/30 | 192/1-3   |      |         |         |      |
|         |         | 6005                              | 1.92/30 | 192/1-3   |      |         |         |      |
|         |         | 6006                              | 1.92/30 | 192/1-3   |      |         |         |      |
|         |         | 6007                              | 1.92/40 | 192/1-3   |      |         |         |      |
|         |         | 6008                              | 1.92/40 | 192/1-3   |      |         |         |      |
|         |         | 6009                              | 1.92/40 | 192/1-3   |      |         |         |      |
|         |         | 6010                              | 1.92/40 | 192/1-3   |      |         |         |      |
|         |         | 6200                              | 1.92/10 | 192/1-4   |      |         |         |      |
|         |         | 6201                              | 1.92/20 | 192/1-7   |      |         |         |      |
|         |         | 6202                              | 1.92/20 | 192/1-4   |      |         |         |      |
|         |         | 6203                              | 1.92/30 | 192/1-4   |      |         |         |      |
|         |         | 6204                              | 1.92/40 | 192/1-4   |      |         |         |      |
|         |         | 6205                              | 1.92/40 | 192/1-3   |      |         |         |      |
|         |         | 6300                              | 1.92/30 | 192/1-3   |      |         |         |      |
|         |         | 6301                              | 1.92/40 | 192/1-3   |      |         |         |      |
|         |         | 6302                              | 1.92/40 | 192/1-7   |      |         |         |      |
|         |         | 6303                              | 1.92/40 | 192/1-7   |      |         |         |      |
|         |         | 6304                              | 1.92/40 | 192/1-7   |      |         |         |      |
|         |         | 1553542                           | 1.92/2  | 6011      |      | 1.92/50 | 192/2-3 | 5,15 |
|         |         |                                   |         | 6012      |      | 1.92/50 | 192/2-3 |      |
| 6206    | 1.92/50 |                                   |         | 192/2-3   |      |         |         |      |
| 6207    | 1.92/50 |                                   |         | 192/2-3   |      |         |         |      |
| 6208    | 1.92/60 |                                   |         | 192/2-3   |      |         |         |      |
| 6209    | 1.92/60 |                                   |         | 192/2-3   |      |         |         |      |
| 6210    | 1.92/60 |                                   |         | 192/2-3   |      |         |         |      |
| 6211    | 1.92/60 |                                   |         | 192/2-3   |      |         |         |      |
| 6212    | 1.92/70 |                                   |         | 192/2-3   |      |         |         |      |
| 6305    | 1.92/60 |                                   |         | 192/2-7   |      |         |         |      |
| 6306    | 1.92/60 |                                   |         | 192/2-4   |      |         |         |      |
| 6307    | 1.92/60 |                                   |         | 192/2-4   |      |         |         |      |
| 6308    | 1.92/70 |                                   |         | 192/2-4   |      |         |         |      |
| 6309    | 1.92/70 |                                   |         | 192/2-4   |      |         |         |      |
| 6310**  | 1.92/70 |                                   |         | 192/2-4   |      |         |         |      |
| 6311*** | 1.92/70 |                                   |         | 192/2-4   |      |         |         |      |
| 6403    | 1.92/60 |                                   |         | 192/2-3   |      |         |         |      |
| 6404    | 1.92/70 |                                   |         | 192/2-3   |      |         |         |      |
| 6405    | 1.92/70 |                                   |         | 192/2-7   |      |         |         |      |
| 6406    | 1.92/70 |                                   |         | 192/2-7   |      |         |         |      |
| 6407*   | 1.92/60 | 192/2-7                           |         |           |      |         |         |      |
| 1553550 | 1.92/12 | Contents of set 1.92/1 and 1.92/2 |         |           | 7,6  |         |         |      |

1.92

Parts  
4 pieces

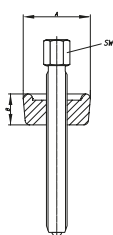




| Code    | No.       | Designation                      |  |
|---------|-----------|----------------------------------|---|
| 1574485 | E-192/1-3 | Head, small (division of 3)      | 0,17  |
| 1574493 | E-192/1-4 | Head, small (division by 4)      | 0,17  |
| 1574507 | E-192/1-7 | Head, small (3/7 division)       | 0,17  |
| 1574515 | E-192/2-3 | Head, large (division of 3)      | 0,83  |
| 1574523 | E-192/2-4 | Head, large (division by 4)      | 0,8   |
| 1574531 | E-192/2-7 | Head, large (3/7 division)       | 0,83  |
| 1574566 | E-192/A-2 | Adaptor for spindle large 1.92/2 | 0,048   |
| 1583263 | 1.92/10   | Set of pulling legs 120 mm       | 0,17  |
| 1583271 | 1.92/20   | Set of pulling legs 125 mm       | 0,18  |
| 1583298 | 1.92/30   | Set of pulling legs 130 mm       | 0,19  |
| 1583301 | 1.92/40   | Set of pulling legs 135 mm       | 0,2   |
| 1583328 | 1.92/50   | Set of pulling legs 140 mm       | 0,31  |
| 1583336 | 1.92/60   | Set of pulling legs 145 mm       | 0,34  |
| 1583344 | 1.92/70   | Set of pulling legs 150 mm       | 0,47  |




## 1.29

## Ball bearing extractor

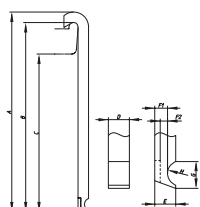



- > For removing ball bearings that are both on a shaft and in a housing
- > The support rings supplied for the ball bearings to be removed are placed on the bearings' inner races

- > The head with spindle is then placed on the centering depression of the shaft and the spindle put under tension with the legs
- > The support rings supplied for the respective ball bearings are placed on the bearing inner ring

| Code    | No.    | for leg    | A  | B  |  |  mm |  |
|---------|--------|------------|----|----|---|--|---|
| 8011000 | 1.29/1 | 1.29/10-35 | 28 | 20 | M 10 x 160  | 14 mm  | 0,2   |
| 8011270 | 1.29/3 | 1.29/25-40 | 40 | 28 | M 14 x 210  | 17 mm  | 0,6   |
| 8011350 | 1.29/4 | 1.29/35-45 | 50 | 30 | M 18 x 230  | 19 mm  | 0,9   |
| 8011430 | 1.29/5 | 1.29/45    | 65 | 30 | M 20 x 235  | 22 mm  | 1,9   |

## 1.29

Pulling leg-Set  
4 pieces

| Code    | No.     | for ball bearing No.  | for ball bearing puller | A   | B   | C   | D    | E  | F1         | F2  | G    | H |  |
|---------|---------|---|-------------------------|-----|-----|-----|------|----|------------|-----|------|---|---|
| 8011510 | 1.29/10 | 6000 6001 6002 6003 6200  | 1.29/1                  | 145 | 141 | 121 | 4,5  | 4  | 2,5        | 2,5 | 7,7  | 4 | 0,62  |
| 8011780 | 1.29/15 | 6004 6005 6006 6201 6202 6300   | 1.29/1                  | 145 | 140 | 120 | 5,7  | 5  | 3,0        | 3   | 8,8  |   | 0,098   |
| 8011940 | 1.29/25 | 6204 6205 6301 6302<br>6007 6008 6300 6301 6302                           | 1.29/1                  | 176 | 170 | 150 | 6,7  | 6  | 3,7        | 3,7 | 9,8  | 4 | 0,172   |
|         |         |   | 1.29/3                  |     |     | 142 |      |    |            |     |      |   |   |
| 8012080 | 1.29/30 | 6303 6304<br>6009 6010 6011 6012 6204<br>6205 6206 6303 6304<br>6009 6010 | 1.29/1                  | 186 | 179 | 159 | 7,9  | 7  | 4,4 - 6,1  | 4,4 | 10,3 | 5 | 0,256   |
|         |         |   | 1.29/3                  |     |     | 151 |      |    |            |     |      |   |   |
|         |         |   | 1.29/4                  |     |     | 149 |      |    |            |     |      |   |   |
|         |         |   |                         |     |     |     |      |    |            |     |      |   |   |
| 8012160 | 1.29/35 | 6305<br>6207 6305 6403<br>6011<br>6012                                    | 1.29/1                  | 186 | 178 | 158 | 9,0  | 8  | 4,8 - 7,3  | 4,8 | 11,8 | 5 | 0,342   |
|         |         |   | 1.29/3                  |     |     | 150 |      |    |            |     |      |   |   |
|         |         |   | 1.29/4                  |     |     | 148 |      |    |            |     |      |   |   |
|         |         |   | 1.29/5                  |     |     | 148 |      |    |            |     |      |   |   |
|         |         |   |                         |     |     |     |      |    |            |     |      |   |   |
| 8012240 | 1.29/40 | 6303 6307 6404<br>6208 6209 6210 6307                                     | 1.29/3                  | 237 | 227 | 199 | 11,3 | 10 | 6,4 - 8,9  | 6,4 | 13,1 | 6 | 0,646   |
|         |         |   | 1.29/4                  |     |     | 197 |      |    |            |     |      |   |   |
| 8110250 | 1.29/45 | 6211 6308 6309 6405 6406 6407<br>6211 6212 6213 6309 6310 6311            | 1.29/4                  | 237 | 227 | 197 | 11,3 | 10 | 6,1 - 11,6 | 6,1 | 14,7 | 6 | 0,682   |
|         |         |   | 1.29/5                  |     |     | 197 |      |    |            |     |      |   |   |

# i 1.34 INTERNAL EXTRACTORS

In a class of its own due to the precision manufacturing technology

with matching counter-stays and sliding hammers



- 1** The expansion ranges have been increased, thus fewer pullers are necessary for the same overall expansion range.
- 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 simple handling method guarantees the fast and uncomplicated withdrawal of ball bearings.

## 1.34/1 - 1.34/4 Internal extractor



- > To be used with slide hammer No. 1.35/0 or counter support No. 1.36/1
- > Multiple wrench size (11 + 13 mm)

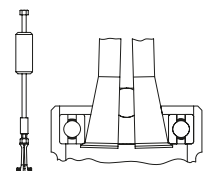
| Code    | No.    | ⌀ mm      | M   | kg   |
|---------|--------|-----------|-----|------|
| 1638556 | 1.34/1 | 5,0-8,5   | M10 | 0,04 |
| 1638564 | 1.34/2 | 8,0-15,0  | M10 | 0,06 |
| 1638572 | 1.34/3 | 15,0-25,0 | M10 | 0,08 |
| 1638580 | 1.34/4 | 25,0-36,0 | M10 | 0,1  |

## 1.34/10 Internal extractor set 5 pieces



- > For close-fitting ball bearings, rings, bushings and Simmerings®.
- > Multiple wrench size (11 + 13 mm)
- > M10 connecting thread

| Code    | No.     | Contents  | Pieces | kg  |
|---------|---------|---|--------|-----|
| 1638629 | 1.34/10 | 1 internal extractor 5-8.5 mm<br>1 internal extractor 8-15 mm<br>1 internal extractor 15-25 mm<br>1 internal extractor 25-36 mm<br>1.35/0 Slide hammer 230 mm, 200 g<br>134/099 Plastic case with foam insert | 5      | 1,3 |



## 1.30/0-9 Internal extractor



- > For extremely-tightly-packed ball bearings, bearing races, bushings, and shaft seals Simmering®

- > Can be used with either sliding hammer or counter-support brace

| Code    | No.    | ⌀ mm  | M   | ⌀ mm  | Slide Hammer      | kg   |
|---------|--------|-------|-----|-------|-------------------|------|
| 8012750 | 1.30/0 | 5-8   | M10 | 10 mm | 1.36/1<br>1.35/1A | 0,12 |
| 8012830 | 1.30/1 | 8-12  | M10 | 10 mm | 1.36/1<br>1.35/1A | 0,12 |
| 8012910 | 1.30/2 | 12-15 | M10 | 10 mm | 1.36/1<br>1.35/1A | 0,13 |

| Code    | No.     | ○ mm   | ▨ M     | ● mm  | ⌈⌋     | Slide Hammer | ⚖ kg |
|---------|---------|--------|---------|-------|--------|--------------|------|
| 8013130 | 1.30/3  | 15-19  | M10     | 13 mm | 1.36/1 | 1.35/1A      | 0,17 |
| 8013480 | 1.30/4  | 19-25  | M10     | 13 mm | 1.36/1 | 1.35/2       | 0,2  |
| 8013560 | 1.30/4A | 25-30  | M10     | 13 mm | 1.36/1 | 1.35/2       | 0,3  |
| 8013640 | 1.30/5  | 30-35  | M10     | 13 mm | 1.36/1 | 1.35/2       | 0,4  |
| 8013720 | 1.30/6  | 35-45  | M14x1,5 | 17 mm | 1.36/2 | 1.35/2       | 0,65 |
| 8013800 | 1.30/7  | 45-55  | M14x1,5 | 17 mm | 1.36/2 | 1.35/3       | 0,8  |
| 8013990 | 1.30/8  | 55-70  | M14x1,5 | 19 mm | 1.36/3 | 1.35/3       | 1,8  |
| 8014020 | 1.30/9  | 70-100 | M14x1,5 | 27 mm | 1.36/3 | 1.35/3       | 3,05 |

## 1.30/N

Needle bearing extractor  
with reinforced shoulder



> Especially suitable for the safe and trouble-free extraction of needle roller bearings, ball bearings and brass sleeves from crankshafts

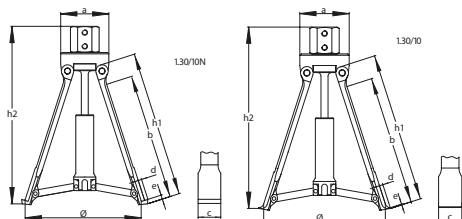
**Note:**

> The shoulder of the shell jaw must be applied behind the bearing

| Code    | No.     | ○ mm  | ▨ M | ● mm  | ⚖ kg |
|---------|---------|-------|-----|-------|------|
| 8013050 | 1.30/2N | 12-14 | M10 | 10 mm | 0,17 |
| 8013210 | 1.30/3N | 14-19 | M10 | 13 mm | 0,17 |

## 1.30/10

Internal extractor



> Suitable for removing large ball bearings and bearing outer races



> Both internal extractors can be used with the slide hammer 1.35/3



| Code    | No.      | ○ mm   | ▨ M    | ⌈⌋            | ● mm  | a    | b      | c  | d | e   | h1  | h2  | ⚖ kg  |
|---------|----------|--------|--------|---------------|-------|------|--------|----|---|-----|-----|-----|-------|
| 2724804 | 1.30/10N | 60-160 | G 1/2" | 1.36/4 1.35/3 | 36 mm | 70,0 | 192 mm | 33 | 5 | 6,0 | 213 | 269 | 2,312 |
| 8014100 | 1.30/10  | 60-160 | G 1/2" | 1.36/4 1.35/3 | 36 mm | 70,0 | 192 mm | 33 | 5 | 1,0 | 213 | 269 | 2,312 |

## 1.35

Sliding hammer



> Suited for the removal of small ball bearings since there is often not enough room for counter-support braces

> Can also be used with threaded inserts no. 1.81




| Code    | No.     | for internal extractors            | ▨ M     | Adaptor | ● mm | ⌈ mm ⌋ | Length of sliding surface | Impact weight | ⚖ kg |
|---------|---------|------------------------------------|---------|---------|------|--------|---------------------------|---------------|------|
| 1958062 | 1.35/0  | 1.34/1 - 1.34/4                    | M10     |         | 13   | 230    | 160                       | 200 g         | 0,4  |
| 8016070 | 1.35/1  | 1.30/0 - 1.30/5<br>1.34/1 - 1.34/4 | M10     |         | 13   | 270    | 200                       | 200 g         | 0,45 |
| 1958070 | 1.35/1A | 1.30/0 - 1.30/7                    | M10     | M14x1,5 | 13   | 270    | 200                       | 700 g         | 0,95 |
| 8039010 | 1.35/2  | 1.30/0 - 1.30/9                    | M14x1,5 | M10     | 24   | 520    | 340                       | 1700 g        | 3,03 |
| 1958089 | 1.35/3  | 1.30/6 - 1.30/10                   | M14x1,5 |         | 24   | 620    | 440                       | 3000 g        | 4,2  |

**1.36**  
Counter-support brace



**Operation:**

The counter-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.

| Code           | No.    | for internal extractors            |  M |  mm |  |
|----------------|--------|------------------------------------|---|--|---|
| <b>8016580</b> | 1.36/1 | 1.30/0 - 1.30/5<br>1.34/1 - 1.34/4 | M10   | 27 mm  | 0,75  |
| <b>8016660</b> | 1.36/2 | 1.30/6 - 1.30/7                    | M14x1,5   | 32 mm  | 1,65  |
| <b>8016740</b> | 1.36/3 | 1.30/8 - 1.30/9                    | M14x1,5   | 32 mm  | 3   |
| <b>8016820</b> | 1.36/4 | 1.30/10                            | G 1/2"  | 36 mm  | 7,6   |

**1.37**  
Cylinder liner puller  
complete with support brace



› Wet heavy-vehicle (e.g. Mercedes Benz, MAN) cylinder liners, automobile and stationary-engine liners, and other parts may be extracted using this puller

| Code           | No.    |  mm |  M |  mm |  |
|----------------|--------|--|---|--|---|
| <b>8017200</b> | 1.37/2 | 60 - 160 mm  | G 1/2"  | 36   | 6,8   |

**1.31**  
Internal extractor set



1.31/0

› Sets comprise the most used extractor sizes for the removal of ball bearings, bearing races, bushings, shaft seals, etc.

› In robust sheet metal case



1.31/2

| Code           | No.    | Contents   |  |
|----------------|--------|--|---|
| <b>8014530</b> | 1.31/0 | 1.30/2 Internal extractor 12-15 mm<br>1.30/3 Internal extractor 15-19 mm<br>1.30/4 Internal extractor 19-25 mm<br>1.30/4A Internal extractor 25-30 mm<br>1.36/1 Counter support for 1.30/0 - 1.30/5<br>131/099B Sheet metal box empty  | 2,6   |
| <b>8014610</b> | 1.31/1 | 1.30/2 Internal extractor 12-15 mm<br>1.30/3 Internal extractor 15-19 mm<br>1.30/4 Internal extractor 19-25 mm<br>1.30/4A Internal extractor 25-30 mm<br>1.30/5 Internal extractors 30-35 mm<br>1.30/6 Internal extractor 35-45 mm<br>1.36/1 Counter support for 1.30/0 - 1.30/5<br>1.36/2 Counter support for 1.30/6 - 1.30/7<br>131/199B Sheet metal box empty   | 6,4   |
| <b>8014880</b> | 1.31/2 | 1.30/2 Internal extractor 12-15 mm<br>1.30/3 Internal extractor 15-19 mm<br>1.30/4 Internal extractor 19-25 mm<br>1.30/4A Internal extractor 25-30 mm<br>1.30/5 Internal extractors 30-35 mm<br>1.30/6 Internal extractor 35-45 mm<br>1.30/7 Internal extractor 45-55 mm<br>1.30/8 Internal extractor 55-70 mm<br>1.36/1 Counter support for 1.30/0 - 1.30/5<br>1.36/2 Counter support for 1.30/6 - 1.30/7<br>131/299B Sheet metal box empty | 9,2   |

1.32/1-2

Set of internal and external extractors



1.32/1

> Sets with internal extractors, counter supports, puller chucks, external extractors and stud extractors



1.32/2

> In robust sheet metal case

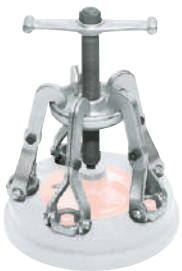


1.32/2

| Code    | No.    | Contents  |  |
|---------|--------|---|---|
| 8015260 | 1.32/1 | 1.30/2 Internal extractor 12-15 mm<br>1.30/3 Internal extractor 15-19 mm<br>1.30/4 Internal extractor 19-25 mm<br>1.30/4A Internal extractor 25-30 mm<br>1.30/5 Internal extractors 30-35 mm<br>1.30/6 Internal extractor 35-45 mm<br>1.36/1 Counter support for 1.30/0 - 1.30/5<br>1.36/2 Counter support for 1.30/6 - 1.30/7<br>1.19/OXS Puller 3-arm XS hook 50x70 mm<br>1.12/02 Pole terminal puller 2-arm 60x40 mm<br>1.06/1 Universal puller 2-arm 90x100 mm<br>132/199B Sheet metal box empty  | 10,4  |
| 8015340 | 1.32/2 | 1.30/2 Internal extractor 12-15 mm<br>1.30/3 Internal extractor 15-19 mm<br>1.30/4 Internal extractor 19-25 mm<br>1.30/4A Internal extractor 25-30 mm<br>1.30/5 Internal extractors 30-35 mm<br>1.30/6 Internal extractor 35-45 mm<br>1.30/7 Internal extractor 45-55 mm<br>1.30/8 Internal extractor 55-70 mm<br>1.36/1 Counter support for 1.30/0 - 1.30/5<br>1.36/2 Counter support for 1.30/6 - 1.30/7<br>1.19/OXS Puller 3-arm XS hook 50x70 mm<br>1.12/02 Pole terminal puller 2-arm 60x40 mm<br>1.06/1 Universal puller 2-arm 90x100 mm<br>1.06/2 Universal puller 2-arm 160x150 mm<br>1.28/1 Stud extractor 6-13 mm<br>132/299B Sheet metal box empty | 19,0  |


1.61

Wheel hub puller for automobile + trucks



- > For bolt circle diameter up to 250 mm, from Ø 100 mm with 4 holes, from Ø 120 mm with 5 holes
- > With wheel stud protection using rotating nut apertures that always lie flat to the hub for Ø 22 mm and suitable reduction bushing Ø 14 and 18 mm
- > Upgradeable with hydraulic spindle no. 1.06/HSP2

| Code    | No.    | Number of hooks |  | optional  |  |
|---------|--------|-----------------|--|-----------|---|
| 8025300 | 1.61/5 | 5               | G 3/4 x 200  | 1.06/HSP2 | 5,8   |

| Code    | No.    | Designation |  |
|---------|--------|-------------|---|
| 8111220 | 1.61/H | Spare hook  | 0,6   |

**1.62**  
Wheel hub puller  
for trucks



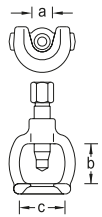
- > For wheel stud circles from 150 up to 350 mm
- > With wheel stud protection using rotating nut apertures that always lie flat to the hub for  $\varnothing$  22 mm and suitable reduction bushing  $\varnothing$  14 and 18 mm
- > This tool may also be used with the hydraulic aid without requiring a reduction bushing
- > Upgradeable with hydraulic spindle no. 1.06/HSP3

| Code           | No.    | Number of hooks |  |  | optional  |  |
|----------------|--------|-----------------|--|---|-----------|---|
| <b>8026030</b> | 1.62/8 | 8               | G 1 x 310  | 36 mm   | 1.06/HSP3 | 12,6  |




  

| Code           | No.    | Designation |  |
|----------------|--------|-------------|---|
| <b>8111220</b> | 1.61/H | Spare hook  | 0,6   |

**1.72**  
Ball joint puller



- > For the simple and damage-free removal of ball pins on track rods and push rods

| Code           | No.     | a  | b   | c  |  |  |  |
|----------------|---------|----|-----|----|---|---|---|
| <b>8030300</b> | 1.72/1  | 18 | 35  | 40 | M 14x1,5 x 50   | 17 mm   | 0,3   |
| <b>8030490</b> | 1.72/2  | 23 | 45  | 50 | M 14x1,5 x 50   | 17 mm   | 0,4   |
| <b>8030570</b> | 1.72/3  | 27 | 56  | 60 | M 18x1,5 x 80   | 19 mm   | 0,7   |
| <b>8030650</b> | 1.72/4  | 37 | 78  | 75 | G 1/2 x 110   | 22 mm   | 1,65  |
| <b>2183323</b> | 1.72/4A | 40 | 80  | 80 | G 1/2 x 140   | 22 mm   | 2,16  |
| <b>2183331</b> | 1.72/5A | 46 | 100 | 90 | G 3/4 x 160   | 27 mm   | 2,78  |

**1.73**  
Universal  
ball joint puller



- > For pressing out the ball joint pins when removing car and truck ball joints

| Code           | No.    | mm  | Clamping height | Fork depth |  |
|----------------|--------|--|-----------------|------------|---|
| <b>8030810</b> | 1.73/1 | 23   | 65              | 24         | 0,73  |
| <b>8033240</b> | 1.73/3 | 32   | 85              | 28         | 2,52  |

**1.74**  
Universal  
ball joint puller



- > For removing the ball joint journals on track rods, stabilizers, etc.
- > Simple operation due to slim lower part and two-stage lever adjustment

| Code           | No.    | mm  | Clamping height | Fork depth |  |
|----------------|--------|--|-----------------|------------|---|
| <b>8085200</b> | 1.74/1 | 20   | 12-50           | 35         | 1,37  |
| <b>8085390</b> | 1.74/2 | 20   | 50-80           | 35         | 1,74  |

### 1.75

Oil filter hook 3-arm



**3/8"** **1/2"**

- > For removing firmly seated oil filters and granulate cartridges of compressed air dryers with right-handed thread, e.g. Mercedes Benz, MAN
- > With 3/8" female square drive and adaptor 17 mm external

| Code           | No.    | mm     |      |
|----------------|--------|--------|------|
| <b>8117420</b> | 1.75/1 | 60-120 | 0,65 |

### 1.76/1

Cartridge spanner  
3-arm pattern



**12,5** **1/2"**

- > Especially suitable for loosening stuck granulate cartridges of compressed air dryers on trucks, with right-hand or left-hand thread
- > Great clamping reach (from 95 to 165 mm)
- > The GEDORE cartridge spanner is also usable as oil filter key
- > 1/2" square drive

| Code           | No.    | mm     |      |
|----------------|--------|--------|------|
| <b>1523651</b> | 1.76/1 | 95-165 | 1,45 |

### 1.64

Drive shaft puller



- > Suitable for drive shafts with 4 or 5 apertures
- > For wheel stud circles 100-155 mm with 6 mm screws
- > For tapped holes up to max. M14

| Code           | No.    | Ø                 |     |
|----------------|--------|-------------------|-----|
| <b>8026700</b> | 1.64/1 | 100 mm bis 155 mm | 4,5 |

### 1.68

Steering-wheel pullers



- > Featuring 1 pulling ring each with 100 mm and 150 mm diameter for 3-spoke and 4-spoke steering wheels
- > The pull rings are provided with sliding rubber sleeves to protect the steering wheel

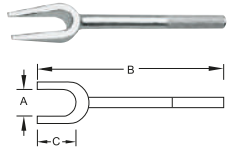
| Code           | No.    | Leg length |            |       |   |
|----------------|--------|------------|------------|-------|---|
| <b>8028750</b> | 1.68/1 | 120 mm     | M 18 x 170 | 19 mm | 2 |



## Puller

### 1.70

Dismantling and assembly fork

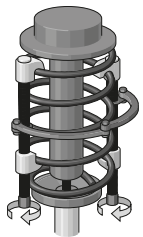


- > For fast removal of track rod and push rod ends, steering arms, and other steering parts
- > Also suitable for removing shock absorbers and other separating and dismantling work
- > The forks are suitable for use in the most confined spaces
- > Hammer blows on the handle ends are used to separate the parts

| Code    | No.    | A  | B   | C  |     |
|---------|--------|----|-----|----|-----|
| 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 |

### 1.78/S

Universal coil spring compressor



- > For the safe installation and removal of coil springs with a diameter of 110-180 mm

#### Safety note:

- > When the spindles are tightened evenly, the expansion chucks settle on the spring coils, so that lateral displacement is ruled out
- > VPA GS Tested safety

| Code    | No.     | Clamping reach |      |
|---------|---------|----------------|------|
| 8031380 | 1.78/S2 | 240 mm         | 2,2  |
| 8031460 | 1.78/S3 | 340 mm         | 2,55 |

### 1.78/P

Universal coil spring compressor



- > For MacPherson suspension strut and transverse link axles with spring diameters of 110-180 mm
- > The wide support rests are matched to the coil spring pitch
- > VPA GS Tested safety
- > Version PK = hook plastic coated

| Code    | No.      | Clamping reach | max. t |      |
|---------|----------|----------------|--------|------|
| 8111300 | 1.78/P1  | 240 mm         | 3,5    | 2,55 |
| 8031030 | 1.78/PK1 | 240 mm         | 3,5    | 2,5  |

### 1.79

Spring spreader



- > For VAG exhaust installations, where the pipe is not held by bolts to the exhaust manifold, but clamped on using springs

| Code    | No.    |     |
|---------|--------|-----|
| 8112540 | 1.79/1 | 0,4 |

### 1.91

Tyre removing tool



- › For releasing stuck truck tyres

| Code           | No.  | L   |   |
|----------------|------|-----|---|
| <b>8032270</b> | 1.91 | 300 | 2 |

### 1.26

Nut splitter



- › For splitting jammed or stripped nuts without damaging the bolt thread
- › For nuts up to property class 6
- › With chisel stopper

| Code           | No.    | for nuts of size |          |      |
|----------------|--------|------------------|----------|------|
| <b>8009880</b> | 1.26/1 | M6 - M10         | M14x1,5  | 0,27 |
| <b>8009610</b> | 1.26/2 | M10 - M16        | M 14x1,5 | 0,3  |
| <b>8010030</b> | 1.26/3 | M16 - M24        | M 22x1,5 | 1,13 |

| Code           | No.     | Designation                  |      |
|----------------|---------|------------------------------|------|
| <b>2017016</b> | 1.26/M1 | Spare chisel for 1.26/1 + /2 | 0,04 |
| <b>2017024</b> | 1.26/M3 | Spare chisel for 1.26/3      | 0,05 |

### 1.26/K

Nut splitter set

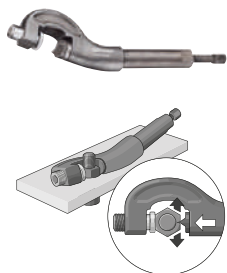


- › For nuts from size 10 mm (M6) to size 36 mm (M24), including spare chisel
- › With chisel stopper
- › In robust plastic case with Check-Tool insert, Dimensions 275 x 229 x 83 mm

| Code           | No.      | Contents  |      |
|----------------|----------|---|------|
| <b>2017008</b> | 1.26/K-3 | 1 nut splitter 10-17 mm, M6-M10, No. 1.26/1<br>1 nut splitter 17-24 mm, M10-M16, No. 1.26/2<br>1 nut splitter 24-36 mm, M16-M24, No. 1.26/3<br>2 spare chisels for 1.26/1 + 1.26/2, No. 1.26/M1<br>1 spare chisel for 1.26/3, No. 1.26/M3 | 2,46 |

### 1.26/HYD

Nut splitter hydraulic



- › With strong chisel, additionally induction hardened
- › No breakout of the cutting edge
- › The chamfer at the chisel's edge improves the splitting effect and prevents breakage
- › For nuts up to property class 10
- › Chisel replaceable

| Code           | No.        | for nuts of size |    | max. t |     |
|----------------|------------|------------------|----|--------|-----|
| <b>8009450</b> | 1.26/1 HYD | M4 - M14         | 12 | 5      | 0,8 |
| <b>8009530</b> | 1.26/2 HYD | M14 - M24        | 12 | 13     | 3,4 |

| Code           | No.         | Designation                 |      |
|----------------|-------------|-----------------------------|------|
| <b>2018586</b> | 1.26/M1 HYD | Spare chisel for 1.26/1 HYD | 0,02 |
| <b>2043920</b> | 1.26/M2 HYD | Spare chisel for 1.26/2 HYD | 0,12 |

### 1.28

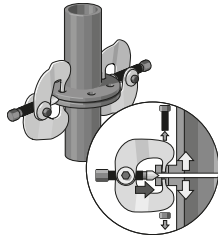
Stud extractor



- › For removing damaged studs with right-hand or left-hand thread
- › Even suitable for extremely short stud ends

| Code           | No.    | Ø-Stud |    |      |
|----------------|--------|--------|----|------|
| <b>1465031</b> | 1.28/4 | 5-26   | 19 | 0,6  |
| <b>8010620</b> | 1.28/1 | 6-13   | 19 | 0,23 |
| <b>8010700</b> | 1.28/2 | 8-19   | 19 | 0,3  |
| <b>8010890</b> | 1.28/3 | 19-25  | 19 | 0,4  |

**1.90**  
Flange separators



- > For separating DIN standard flanges on pipes when changing seals and doing maintenance work
- > For Ø 80-250 mm and screw threads M16-M24

**Operation:**

- > 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

| Code    | No.    | Ø      | for screws of size |     |
|---------|--------|--------|--------------------|-----|
| 1596403 | 1.90/1 | 80-250 | M16 - M24          | 5,5 |

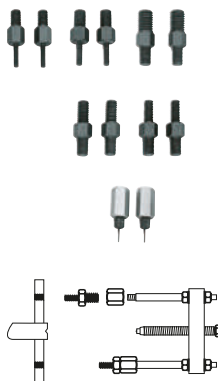
**1.81/1 + 2**  
Thread adaptor set for 1-hole uses



- > The threaded inserts make the removal of threaded caps, for example, possible, when these possess one threaded hole
- > No. 1.81/1: For slide hammer No. 1.35/1, 1.35/2, counter support No. 1.36/1
- > No. 1.81/2: For slide hammer No. 1.35/2, 1.36/2, counter support No. 1.36/3

| Code    | No.    | Connecting thread |      |
|---------|--------|-------------------|------|
| 1120727 | 1.81/1 | M10 - M4          | 0,2  |
|         |        | M10 - M5          |      |
|         |        | M10 - M6          |      |
|         |        | M10 - M8          |      |
|         |        | M10 - M10         |      |
|         |        | M10 - M12         |      |
| 1120743 | 1.81/2 | M14x1,5 - M8      | 0,49 |
|         |        | M14x1,5 - M10     |      |
|         |        | M14x1,5 - M12     |      |
|         |        | M14x1,5 - M14     |      |
|         |        | M14x1,5 - M16     |      |
|         |        | M14x1,5 - M18     |      |

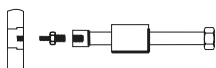
**1.81/10 + 20**  
Thread adaptor set for 1-hole and 2-hole uses, 2 each




- > The threaded inserts make the removal of threaded caps, for example, possible, when these possess 1 or 2 threaded holes
- > No. 1.81/10: For puller No. 1.38/0, 1.38/1
- > No. 1.81/20: For puller No. 1.38/2

| Code    | No.     | Connecting thread |       |
|---------|---------|-------------------|-------|
| 1120735 | 1.81/10 | M10 - M4          | 0,67  |
|         |         | M10 - M5          |       |
|         |         | M10 - M6          |       |
|         |         | M10 - M8          |       |
|         |         | M10 - M10         |       |
|         |         | M10 - M12         |       |
| 1120751 | 1.81/20 | M14x1,5 - M8      | 1,222 |
|         |         | M14x1,5 - M10     |       |
|         |         | M14x1,5 - M12     |       |
|         |         | M14x1,5 - M14     |       |
|         |         | M14x1,5 - M16     |       |
|         |         | M14x1,5 - M18     |       |

## 1.81/K

Thread adaptor set  
for 1-hole uses

- > The threaded inserts make the removal of threaded caps, for example, possible, when these possess one threaded hole
- > No. 1.81/K-1: With slide hammer No. 1.35/1, bar 230 mm and impact weight 200 g
- > No. 1.81/K-12: With slide hammer No. 1.35/1A, bar 230 mm and impact weight 700 g, adaptor M14x1.5
- > In robust plastic case, 275 x 229 x 83 mm

| Code    | No.       | Connecting thread |  |
|---------|-----------|-------------------|---|
| 1936549 | 1.81/K-1  | M10 - M4          | 1   |
|         |           | M10 - M5          |   |
|         |           | M10 - M6          |   |
|         |           | M10 - M8          |   |
|         |           | M10 - M10         |   |
|         |           | M10 - M12         |   |
| 1936557 | 1.81/K-12 | M10 - M4          | 1,83  |
|         |           | M10 - M5          |   |
|         |           | M10 - M6          |   |
|         |           | M10 - M8          |   |
|         |           | M10 - M10         |   |
|         |           | M10 - M12         |   |
|         |           | M14x1,5 - M14     |   |
|         |           | M14x1,5 - M16     |   |
|         |           | M14x1,5 - M18     |   |


## 1.18/1.19

Puller-Set



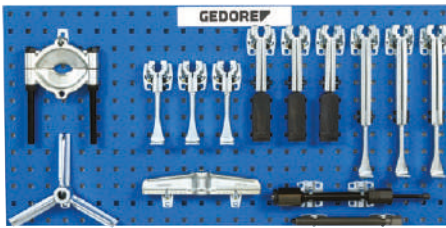
- > This perforated panel offers place for 12 pullers of the series 1.18 and 1.19
- > For clamping depths from Ø 200 mm and clamping reach up to 200 mm

> Delivery includes perforated panel

| Code    | No.       | Contents  |  |
|---------|-----------|---|---|
| 1824007 | 1.18/1.19 | 1.18/1 Puller 2-arm 110x110 mm<br>1.18/2 Puller 2-arm 160x140 mm<br>1.18/3 Puller 2-arm 200x200 mm<br>1.18/02 Pole terminal remover 2-arm 65x50 mm<br>1.18/01 Pole terminal remover 2-arm 70x70 mm<br>1.18/0 Pole terminal remover 2-arm 80x80 mm<br>1.19/1 Puller 3-arm 110x110 mm<br>1.19/2 Puller 3-arm 160x140 mm<br>1.19/3 Puller 3-arm 200x200 mm<br>1.19/02 Pole terminal remover 3-arm 65x50 mm<br>1.19/01 Pole terminal remover 3-arm 70x70 mm<br>1.19/0 Pole terminal remover 3-arm 80x80 mm<br>1500 H 1 tool hook inclined hook end d 4 mm (12x)<br>1500 H 2-13 Tool clamp d 13 mm (6x)<br>1450 L Tool board empty, 987x493 mm | 21  |


## 2.20

Truck workshop set  
Add-on system



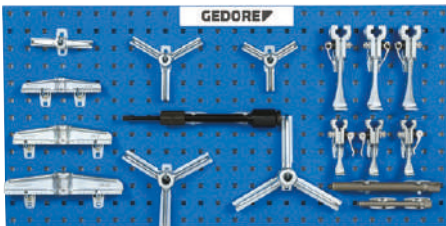
- > Clearly arranged module system
- > Using this set, you will be able to assemble 12 of the usual versions with hydraulic spindle, in seconds
- > 2-armed cross beam with adjustment scale for even adjustment of the puller hooks. Allows centric and force-optimized pulling even with highest pulling forces

> Everything at hand on perforated wall-board

| Code           | No.  | Contents   |  |
|----------------|------|--|---|
| <b>1088718</b> | 2.20 | 1 Traverse 2-arm 260 mm, No. 106/2A03<br>1 traverse 3-arm 260 mm, No. 107/2A03<br>1 spindle SW 22, G 1/2", 210 mm, No. 1.2106210<br>1 grease hydraulic pressure spindle 10 t, No. 1.06/HSP1<br>3 puller hooks 150 mm, No. 106/B-150-N<br>3 Pulling hooks 300 mm, No. 106/B-300-N<br>3 puller hooks slim 220 mm, No. 106/B-220-S<br>1 separating device 22-115 mm, No. 1.40/2 | 23,3  |


## 2.30

Industrial pulling set  
Add-on system



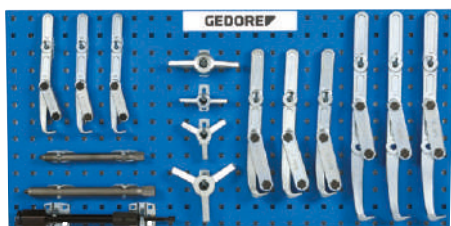
- > For the assembly of the tried and tested 1.06 and 1.07 versions
- > Using this set, you will be able to assemble 12 of the usual versions with high-speed clamping legs, including hydraulic spindle, in seconds

> Everything at hand on perforated wall-board

| Code           | No.  | Contents  |  |
|----------------|------|---|---|
| <b>1393014</b> | 2.30 | 1 2-arm traverse 140 mm, No. 106/103<br>1 2-arm cross-beam 180 mm, No. 106/1A03<br>1 2-arm cross-beam 220 mm, No. 106/203<br>1 cross bar 2-arm 260 mm, No. 106/2A03<br>1 traverse 3-arm 140 mm, No. 107/103<br>1 traverse 3-arm 180 mm, No. 107/1A03<br>1 traverse 3-arm 220 mm, No. 107/203<br>1 cross bar 3-arm 260 mm, No. 107/2A03<br>1 spindle SW 17, M14x1.5, 140 mm, No. 1.1406140<br>1 spindle SW 22, G 1/2", 210 mm, No. 1.2106210<br>1 Grease hydraulic pressure spindle 10 t, No. 1.06/HSP1<br>3 Quick release hooks 100 mm, No. 106/A-100-E<br>3 quick-release draw hooks 150 mm, No. 106/B-150-E | 19,4  |

**2.40**

Pulling set for construction machines  
Add-on system



- › For the assembly of the robust and handy strap-pattern pulling tools 1.14 and 1.15
- › 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

- › Everything at hand on perforated wall-board

| Code           | No.  | Contents   |  |
|----------------|------|--|---|
| <b>1393030</b> | 2.40 | 1 head 2-armed, No. 114/204<br>1 head 2-armed, No. 114/304<br>1 head 3-armed, No. 115/204<br>1 head 3-arm, No. 115/304<br>1 spindle SW 19, M18x1.5, 200 mm, No. 1.1806200<br>1 spindle SW 22, G 1/2", 250 mm, No. 1.2106250<br>1 Grease hydraulic pressure spindle 10 t, No. 1.06/HSP1<br>3 puller hooks 210 mm, No. 114/201<br>3 Pulling hooks 260 mm, No. 114/301<br>3 puller hooks 390 mm, No. 114/401<br>6 lugs No. 114/208<br>12 lugs No. 114/308 | 24,3  |


**2.50**

Set of internal and external extractors



- › Suitable for various applications of external or internal extraction
- › Internal extractor for drill holes with  $\varnothing$  5 - 55 mm. To be used with slide hammer or counter support
- › External pullers with various spans up to 130 mm for the most diverse pulling problems

- › Pulling and separating devices including extensions, ideal for pulling off tightly fitted or thin-walled parts for outside diameters 5 - 115 mm
- › Everything at hand on perforated wall-board

| Code           | No.  | Contents  |  |
|----------------|------|---|---|
| <b>2017040</b> | 2.50 | 1 internal extractor 5-8 mm, No. 1.30/0<br>1 internal extractor 8-12 mm, No. 1.30/1<br>1 internal extractor 12-15 mm, No. 1.30/2<br>1 internal extractor 15-19 mm, No. 1.30/3<br>1 internal extractor 19-25 mm, No. 1.30/4<br>1 Internal extractor 25-30 mm, No. 1.30/4A<br>1 internal extractor 30-35 mm, No. 1.30/5<br>1 internal extractor 35-45 mm, No. 1.30/6<br>1 internal extractor 45-55 mm, No. 1.30/7<br>1 slide hammer 230 mm, 700 g, No. 1.35/1A<br>1 slide hammer 500 mm, 1.7 kg, No. 1.35/2<br>1 counter support for 1.30/0 - 1.30/5, No. 1.36/1<br>1 counter support for 1.30/6 - 1.30/7, No. 1.36/2<br>1 universal puller HIGH POWER 2-arm 130x100 mm, No. 1.04/HP1A<br>1 Pole terminal puller 3-arm 70x80 mm, No. 1.13/00<br>1 puller with extra slim hook 80x85 mm, No. 1.23/1S<br>1 puller 40-120 mm, No. 1.38/0<br>1 puller 70-215 mm, No. 1.38/2<br>1 extension M10, No. 1.38/AV<br>1 extension M14x1.5, No. 1.38/CV<br>1 separating device 5-60 mm, No. 1.40/0<br>1 separating device 22-115 mm, No. 1.40/2 | 29  |

# HAMMERS AND STRIKING TOOLS

Strike by strike: hammers and striking tools from GEDORE withstand the toughest stress and force.

From the head to the handle, when it comes to hammers, it's safety that counts above all. GEDORE manufactures its own engineers' hammer, sledge hammers, bricklayer's hammers and more. Attention is paid to the correct tempering of the hammer head, a clean edge break on the face and pein, and the secure connection between head and handle.

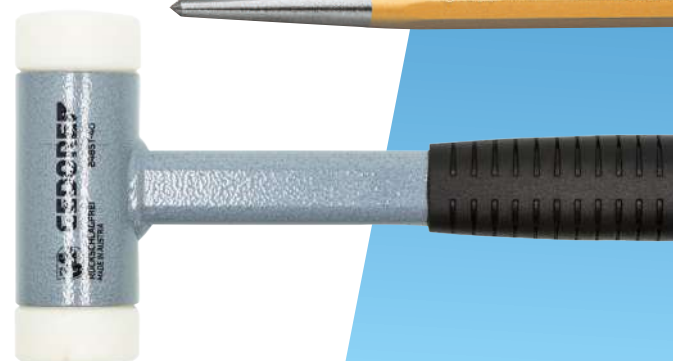
The head and handle connection has been perfected by the ROTBAND-PLUS system developed by GEDORE. Seamless quality right down to the wood used.

GEDORE also makes no compromises when it comes to pin punches, drift punches and centre punches. All striking tools are hot forged, through-hardened and the impact heads are additionally inductively tempered. This is the only way to achieve the highest level of stability and work safety.



## ORIGINAL ROTBAND-PLUS SYSTEM - RELIABLE UNDER EXTREME LOADS

- Ring wedge distributes clamping force evenly over 360°, wood fibres remain intact
- Safety plate keeps shaft and head firmly connected
- Protective steel sleeve absorbs impacts and provides additional safety







BALANCED  
NON-SLIP

### HAMMER QUALITY FROM ONE HAND

- Strictly controlled quality steel and wood
- Manufactured by GEDORE in Germany

### WOODEN HANDLES

- Break-proof ash handles meet the requirements of DIN norms
- Vibration-damping hickory handles withstand 3 to 4 times higher impacts



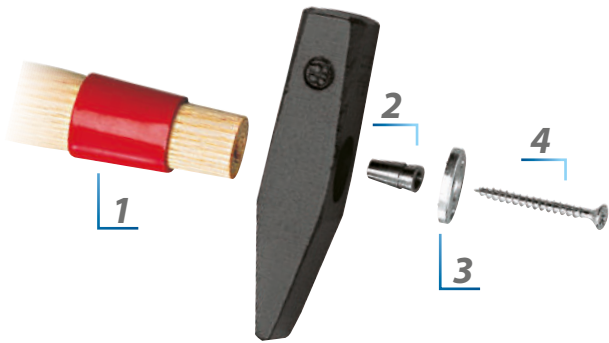
### TUBULAR STEEL, FIBREGLASS AND RUBBER GRIP HANDLES

- Tubular steel handles with high bending strength are resistant to weather conditions
- Fibreglass handles are almost unbreakable and resistant to weather conditions, oils and greases
- Steel tube reinforced rubber handles are vibration damping, almost indestructible and resistant to oils and petrols



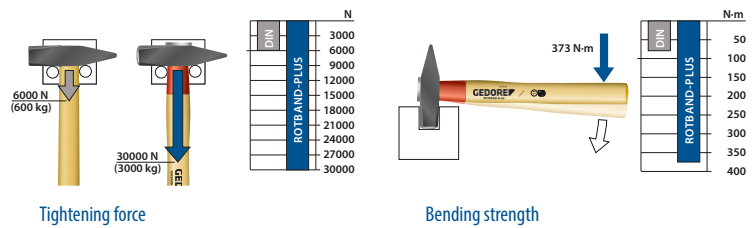
# **i** ROTBAND-PLUS

The original - A secure connection



- 1** FIRM FIT OF THE HANDLE ON THE HEAD AND PROTECTION AGAINST MISSED HITS DUE TO STEEL SLEEVE
- 2** ROUND, CONICAL RING WEDGE FOR EVEN CONTACT PRESSURE
- 3** SAFETY PLATE STRENGTHENS THE CONNECTION BETWEEN THE SCREW AND THE RING WEDGE
- 4** WOODEN SCREW CONNECTS SECURING PLATE AND HANDLE FRICTIONALLY

- System developed by GEDORE - the original for increased safety and longer service life
- More than five times the tightening force with ROTBAND-PLUS
- Increased bending strength compared to conventional DIN hammers
- Absolutely firm connection between head and handle even after 1,000 failures
- Standardised ROTBAND-PLUS replacement shafts for optimising DIN hammers



## 600 E + 600 H

Engineers' hammer  
ROTBAND-PLUS -  
The Original



- > Forged hammer head DIN 1041
- > With contoured ash (E 600 E) or hickory (E 600 H) handle DIN 5111, additionally shaped with a long hardened handle protective steel sleeve
- > ROTBAND-PLUS handle attachment, high safety, long life

| Code    | No.        | g    | mm  | kg    |
|---------|------------|------|-----|-------|
| 8581610 | 600 E-100  | 100  | 260 | 0,188 |
| 8581880 | 600 E-200  | 200  | 280 | 0,325 |
| 8581960 | 600 E-300  | 300  | 305 | 0,502 |
| 8582180 | 600 E-400  | 400  | 305 | 0,605 |
| 8582260 | 600 E-500  | 500  | 320 | 0,727 |
| 8582340 | 600 E-600  | 600  | 330 | 0,841 |
| 8582420 | 600 E-800  | 800  | 350 | 1,135 |
| 8582500 | 600 E-1000 | 1000 | 360 | 1,326 |
| 8582690 | 600 E-1500 | 1500 | 380 | 1,908 |
| 8582770 | 600 E-2000 | 2000 | 400 | 2,491 |
| 8582850 | 600 H-100  | 100  | 260 | 0,188 |
| 8582930 | 600 H-200  | 200  | 280 | 0,325 |
| 8583070 | 600 H-300  | 300  | 305 | 0,502 |
| 8583150 | 600 H-400  | 400  | 305 | 0,605 |
| 8583230 | 600 H-500  | 500  | 320 | 0,727 |
| 8583310 | 600 H-600  | 600  | 330 | 0,84  |
| 8583580 | 600 H-800  | 800  | 350 | 1,135 |
| 8583660 | 600 H-1000 | 1000 | 360 | 1,326 |
| 8583740 | 600 H-1500 | 1500 | 380 | 1,908 |
| 8583820 | 600 H-2000 | 2000 | 400 | 2,491 |

**600 IH**

Engineers' hammer  
ROT BAND-PLUS -  
The Original



- > The edges of the flat side of the head are induction hardened
- > Forged hammer head DIN 1041
- > With contoured hickory handle DIN 5111, additionally shaped with a long hardened handle protective steel sleeve
- > ROT BAND-PLUS handle attachment, high safety, long life

| Code           | No.         | g    | l- mm -l |       |
|----------------|-------------|------|----------|-------|
| <b>8583900</b> | 600 IH-200  | 200  | 280      | 0,325 |
| <b>8584040</b> | 600 IH-300  | 300  | 300      | 0,502 |
| <b>8584120</b> | 600 IH-400  | 400  | 310      | 0,605 |
| <b>8584200</b> | 600 IH-500  | 500  | 320      | 0,727 |
| <b>8584390</b> | 600 IH-600  | 600  | 330      | 0,841 |
| <b>8587300</b> | 600 IH-800  | 800  | 350      | 1,135 |
| <b>8587490</b> | 600 IH-1000 | 1000 | 360      | 1,326 |
| <b>8587570</b> | 600 IH-1500 | 1500 | 380      | 1,908 |
| <b>8588970</b> | 600 IH-2000 | 2000 | 400      | 2,491 |

**E 600 E + E 600 H**

Spare handle  
ROT BAND-PLUS



- > Double curved ash (No. E 600 E) or hickory handle (No. E 600 H) DIN 5111
- > With hardened handle protective steel sleeve, tapered collar, fixing plate and wood screw

| Code           | No.          | for g | l- mm -l |       |
|----------------|--------------|-------|----------|-------|
| <b>8589000</b> | E 600 E-100  | 100   | 260      | 0,076 |
| <b>8589190</b> | E 600 E-200  | 200   | 280      | 0,099 |
| <b>8589270</b> | E 600 E-300  | 300   | 300      | 0,15  |
| <b>8589350</b> | E 600 E-400  | 400   | 310      | 0,179 |
| <b>8589430</b> | E 600 E-500  | 500   | 320      | 0,185 |
| <b>8589510</b> | E 600 E-600  | 600   | 330      | 0,214 |
| <b>8589780</b> | E 600 E-800  | 800   | 350      | 0,21  |
| <b>8589860</b> | E 600 E-1000 | 1000  | 360      | 0,288 |
| <b>8589940</b> | E 600 E-1500 | 1500  | 380      | 0,35  |
| <b>8593700</b> | E 600 E-2000 | 2000  | 400      | 0,377 |
| <b>8593890</b> | E 600 H-100  | 100   | 260      | 0,081 |
| <b>8595080</b> | E 600 H-200  | 200   | 280      | 0,12  |
| <b>8595160</b> | E 600 H-300  | 300   | 300      | 0,134 |
| <b>8595240</b> | E 600 H-400  | 400   | 310      | 0,18  |
| <b>8596480</b> | E 600 H-500  | 500   | 320      | 0,198 |
| <b>8596560</b> | E 600 H-600  | 600   | 330      | 0,234 |
| <b>8596640</b> | E 600 H-800  | 800   | 350      | 0,296 |
| <b>8597880</b> | E 600 H-1000 | 1000  | 360      | 0,315 |
| <b>8597960</b> | E 600 H-1500 | 1500  | 380      | 0,373 |
| <b>8599070</b> | E 600 H-2000 | 2000  | 400      | 0,442 |

**E 5**

Spare tapered collar



- > For safe fastening of the wooden handles

| Code           | No.      | Ø  |       |
|----------------|----------|----|-------|
| <b>8593970</b> | E 5-100  | 7  | 0,001 |
| <b>8594000</b> | E 5-200  | 8  | 0,003 |
| <b>8594190</b> | E 5-300  | 10 | 0,004 |
| <b>8594270</b> | E 5-400  | 11 | 0,005 |
| <b>8594350</b> | E 5-500  | 12 | 0,007 |
| <b>8594860</b> | E 5-600  | 13 | 0,008 |
| <b>8594430</b> | E 5-800  | 14 | 0,009 |
| <b>8594940</b> | E 5-1000 | 14 | 0,009 |
| <b>8594510</b> | E 5-1500 | 15 | 0,013 |
| <b>8594780</b> | E 5-2000 | 16 | 0,014 |

## Hammers and striking tools

### 4 E Engineers' hammer



- > Forged hammer head  
DIN 1041
- > Ash handle DIN 5111

| Code    | No.      | g    | ↳ mm | kg    |
|---------|----------|------|------|-------|
| 8586090 | 4 E-50   | 50   | 250  | 0,089 |
| 8586170 | 4 E-100  | 100  | 260  | 0,158 |
| 8586250 | 4 E-200  | 200  | 280  | 0,275 |
| 8586330 | 4 E-300  | 300  | 300  | 0,44  |
| 8586410 | 4 E-400  | 400  | 310  | 0,53  |
| 8586680 | 4 E-500  | 500  | 320  | 0,625 |
| 8586760 | 4 E-600  | 600  | 330  | 0,75  |
| 8586840 | 4 E-800  | 800  | 350  | 0,93  |
| 8586920 | 4 E-1000 | 1000 | 360  | 1,18  |
| 8587060 | 4 E-1500 | 1500 | 380  | 1,76  |
| 8587140 | 4 E-2000 | 2000 | 400  | 2,32  |

### E 4 E Spare handle



- > Ash handle DIN 5111

| Code    | No.        | for g | ↳ mm | kg    |
|---------|------------|-------|------|-------|
| 8587650 | E-4 E-50   | 50    | 250  | 0,033 |
| 8587730 | E-4 E-100  | 100   | 260  | 0,045 |
| 8587810 | E-4 E-200  | 200   | 280  | 0,085 |
| 8588110 | E-4 E-400  | 400   | 310  | 0,1   |
| 8588380 | E-4 E-500  | 500   | 320  | 0,16  |
| 8588460 | E-4 E-600  | 600   | 330  | 0,14  |
| 8588540 | E-4 E-800  | 800   | 350  | 0,165 |
| 8588620 | E-4 E-1000 | 1000  | 360  | 0,183 |
| 8588700 | E-4 E-1500 | 1500  | 380  | 0,196 |
| 8588890 | E-4 E-2000 | 2000  | 400  | 0,261 |

### 500 F Engineers' hammer



- > Forged hammer head
- > Virtually unbreakable  
fibreglass handle with  
plastic grip
- > Additionally hardened  
handle protective steel  
sleeve, with secured  
head

| Code    | No.       | g   | ↳ mm | kg   |
|---------|-----------|-----|------|------|
| 8598420 | 500 F-500 | 500 | 320  | 0,77 |

### 8601 Engineer's ball pein hammer












- > With hickory handle
- > In heat-treated steel  
as per EN 10083
- > Enamelled, face and  
ball ground

| Code    | No.        | lbs       | kg    |
|---------|------------|-----------|-------|
| 6764030 | 8601 1/4   | 1/4 lbs   | 0,172 |
| 6764110 | 8601 1/2   | 1/2 lbs   | 0,307 |
| 6764380 | 8601 3/4   | 3/4 lbs   | 0,475 |
| 6764460 | 8601 1     | 1 lbs     | 0,565 |
| 1429078 | 8601 1.1/8 | 1.1/8 lbs | 0,5   |
| 6764540 | 8601 1.1/4 | 1.1/4 lbs | 0,772 |
| 6764620 | 8601 1.1/2 | 1.1/2 lbs | 0,8   |
| 1429108 | 8601 1.3/4 | 1.3/4 lbs | 1,04  |
| 6764700 | 8601 2     | 2 lbs     | 1,073 |

### E-8601 Spare handle hickory



| Code    | No.          | ↳ mm | kg    |
|---------|--------------|------|-------|
| 1431056 | E-8601 1/4   | 270  | 0,1   |
| 1431102 | E-8601 1/2   | 290  | 0,225 |
| 1431110 | E-8601 3/4   | 310  | 0,34  |
| 1431129 | E-8601 1     | 325  | 0,45  |
| 1431137 | E-8601 1.1/8 | 350  | 0,5   |
| 1431145 | E-8601 1.1/4 | 350  | 0,6   |
| 1431153 | E-8601 1.1/2 | 365  | 0,7   |
| 1431161 | E-8601 1.3/4 | 400  | 0,8   |
| 1431188 | E-8601 2     | 380  | 0,9   |

| <p><b>65 E</b><br/>Joiners' hammer<br/>French pattern</p>          | <ul style="list-style-type: none"> <li>With hardened handle protective steel sleeve, tapered collar, fixing plate and wood screw</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>mm</th> <th>Spare handle</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>8684340</b></td> <td>65 E-20</td> <td>20</td> <td>280</td> <td>E-4 E-200</td> <td>0,24</td> </tr> <tr> <td><b>8684420</b></td> <td>65 E-22</td> <td>22</td> <td>300</td> <td>E-4 E-300</td> <td>0,35</td> </tr> <tr> <td><b>8684500</b></td> <td>65 E-25</td> <td>25</td> <td>310</td> <td>E-4 E-400</td> <td>0,45</td> </tr> <tr> <td><b>8684690</b></td> <td>65 E-28</td> <td>28</td> <td>320</td> <td>E-4 E-500</td> <td>0,59</td> </tr> </tbody> </table>   | Code | No.          | mm               | mm | Spare handle | kg             | <b>8684340</b> | 65 E-20          | 20  | 280   | E-4 E-200      | 0,24         | <b>8684420</b> | 65 E-22 | 22    | 300            | E-4 E-300    | 0,35    | <b>8684500</b> | 65 E-25 | 25             | 310          | E-4 E-400 | 0,45 | <b>8684690</b> | 65 E-28        | 28           | 320  | E-4 E-500 | 0,59  |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
|--|--|---|------|--------------|------------------|----|--------------|----------------|----------------|------------------|-----|-------|----------------|--------------|----------------|---------|-------|----------------|--------------|---------|----------------|---------|----------------|--------------|-----------|------|----------------|----------------|--------------|------|-----------|-------|----------------|--------------|------|-----|-------|----------------|--------------|------|-----|------|----------------|--------------|------|-----|-------|----------------|--------|------|-----|-----|
| Code   | No.  | mm  | mm   | Spare handle | kg               |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8684340</b>   | 65 E-20  | 20  | 280  | E-4 E-200    | 0,24             |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8684420</b>   | 65 E-22  | 22  | 300  | E-4 E-300    | 0,35             |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8684500</b>   | 65 E-25  | 25  | 310  | E-4 E-400    | 0,45             |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8684690</b>   | 65 E-28  | 28  | 320  | E-4 E-500    | 0,59             |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <p><b>620 E + 620 H</b><br/>Club hammer<br/>ROTBAND-PLUS</p>       | <p></p> <ul style="list-style-type: none"> <li>Forged club hammer head DIN 6475</li> <li>Contoured ash (E 620 E) or hickory handle (E 620 H) DIN 5135, supplementary with long hardened handle protective steel sleeve</li> <li>ROTBAND-PLUS handle attachment, high safety, long life</li> </ul> | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>g</th> <th>mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>8886990</b></td> <td>620 E-1000</td> <td>1000</td> <td>260</td> <td>1,288</td> </tr> <tr> <td><b>8887020</b></td> <td>620 E-1250</td> <td>1250</td> <td>260</td> <td>1,483</td> </tr> <tr> <td><b>8887100</b></td> <td>620 E-1500</td> <td>1500</td> <td>280</td> <td>1,82</td> </tr> <tr> <td><b>8887290</b></td> <td>620 E-2000</td> <td>2000</td> <td>300</td> <td>2,291</td> </tr> <tr> <td><b>8887370</b></td> <td>620 H-1000</td> <td>1000</td> <td>260</td> <td>1,317</td> </tr> <tr> <td><b>8887450</b></td> <td>620 H-1250</td> <td>1250</td> <td>260</td> <td>1,493</td> </tr> <tr> <td><b>8887530</b></td> <td>620 H-1500</td> <td>1500</td> <td>280</td> <td>1,82</td> </tr> <tr> <td><b>8887610</b></td> <td>620 H-2000</td> <td>2000</td> <td>300</td> <td>2,24</td> </tr> </tbody> </table>   | Code | No.          | g                | mm | kg           | <b>8886990</b> | 620 E-1000     | 1000             | 260 | 1,288 | <b>8887020</b> | 620 E-1250   | 1250           | 260     | 1,483 | <b>8887100</b> | 620 E-1500   | 1500    | 280            | 1,82    | <b>8887290</b> | 620 E-2000   | 2000      | 300  | 2,291          | <b>8887370</b> | 620 H-1000   | 1000 | 260       | 1,317 | <b>8887450</b> | 620 H-1250   | 1250 | 260 | 1,493 | <b>8887530</b> | 620 H-1500   | 1500 | 280 | 1,82 | <b>8887610</b> | 620 H-2000   | 2000 | 300 | 2,24  |                |        |      |     |     |
| Code   | No.  | g   | mm   | kg           |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8886990</b>   | 620 E-1000   | 1000  | 260  | 1,288        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8887020</b>   | 620 E-1250   | 1250  | 260  | 1,483        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8887100</b>   | 620 E-1500   | 1500  | 280  | 1,82         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8887290</b>   | 620 E-2000   | 2000  | 300  | 2,291        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8887370</b>   | 620 H-1000   | 1000  | 260  | 1,317        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8887450</b>   | 620 H-1250   | 1250  | 260  | 1,493        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8887530</b>   | 620 H-1500   | 1500  | 280  | 1,82         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8887610</b>   | 620 H-2000   | 2000  | 300  | 2,24         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <p><b>E 620 E + E 620 H</b><br/>Spare handle<br/>ROTBAND-PLUS</p>  | <ul style="list-style-type: none"> <li>Contoured ash (E 620 E) or hickory handle (E 620 H) DIN 5135</li> <li>With hardened handle protective steel sleeve, fixing plate, tapered collar and wood screw</li> <li>For all club hammers according to DIN 6475</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>for g</th> <th>mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>8678100</b></td> <td>E-620 E-1000</td> <td>1000</td> <td>260</td> <td>0,24</td> </tr> <tr> <td><b>8749650</b></td> <td>E-620 E-1250</td> <td>1250</td> <td>260</td> <td>0,23</td> </tr> <tr> <td><b>8676670</b></td> <td>E-620 E-1500</td> <td>1500</td> <td>280</td> <td>0,28</td> </tr> <tr> <td><b>8676750</b></td> <td>E-620 E-2000</td> <td>2000</td> <td>300</td> <td>0,31</td> </tr> <tr> <td><b>8677210</b></td> <td>E-620 H-1000</td> <td>1000</td> <td>260</td> <td>0,27</td> </tr> <tr> <td><b>8749730</b></td> <td>E-620 H-1250</td> <td>1250</td> <td>260</td> <td>0,26</td> </tr> <tr> <td><b>8677480</b></td> <td>E-620 H-1500</td> <td>1500</td> <td>280</td> <td>0,28</td> </tr> <tr> <td><b>8677560</b></td> <td>E 620 H-2000</td> <td>2000</td> <td>300</td> <td>0,35</td> </tr> </tbody> </table>  | Code | No.          | for g            | mm | kg           | <b>8678100</b> | E-620 E-1000   | 1000             | 260 | 0,24  | <b>8749650</b> | E-620 E-1250 | 1250           | 260     | 0,23  | <b>8676670</b> | E-620 E-1500 | 1500    | 280            | 0,28    | <b>8676750</b> | E-620 E-2000 | 2000      | 300  | 0,31           | <b>8677210</b> | E-620 H-1000 | 1000 | 260       | 0,27  | <b>8749730</b> | E-620 H-1250 | 1250 | 260 | 0,26  | <b>8677480</b> | E-620 H-1500 | 1500 | 280 | 0,28 | <b>8677560</b> | E 620 H-2000 | 2000 | 300 | 0,35  |                |        |      |     |     |
| Code   | No.  | for g   | mm   | kg           |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8678100</b>   | E-620 E-1000   | 1000  | 260  | 0,24         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8749650</b>   | E-620 E-1250   | 1250  | 260  | 0,23         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8676670</b>   | E-620 E-1500   | 1500  | 280  | 0,28         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8676750</b>   | E-620 E-2000   | 2000  | 300  | 0,31         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8677210</b>   | E-620 H-1000   | 1000  | 260  | 0,27         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8749730</b>   | E-620 H-1250   | 1250  | 260  | 0,26         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8677480</b>   | E-620 H-1500   | 1500  | 280  | 0,28         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8677560</b>   | E 620 H-2000   | 2000  | 300  | 0,35         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <p><b>20 H</b><br/>Club hammer</p>                               | <p></p> <ul style="list-style-type: none"> <li>Forged club hammer head DIN 6475</li> <li>With hickory handle DIN 5135 up to 2000 g</li> <li>From 3 kg with ash (No. E 9 E) or hickory handle (No. E 9 H) according to DIN 5112</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>g</th> <th>mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>8635210</b></td> <td>20 H-1000</td> <td>1000</td> <td>260</td> <td>1,22</td> </tr> <tr> <td><b>8635480</b></td> <td>20 H-1250</td> <td>1250</td> <td>260</td> <td>1,406</td> </tr> <tr> <td><b>8635560</b></td> <td>20 H-1500</td> <td>1500</td> <td>280</td> <td>1,74</td> </tr> <tr> <td><b>8635640</b></td> <td>20 H-2000</td> <td>2000</td> <td>300</td> <td>2,275</td> </tr> </tbody> </table>  | Code | No.          | g                | mm | kg           | <b>8635210</b> | 20 H-1000      | 1000             | 260 | 1,22  | <b>8635480</b> | 20 H-1250    | 1250           | 260     | 1,406 | <b>8635560</b> | 20 H-1500    | 1500    | 280            | 1,74    | <b>8635640</b> | 20 H-2000    | 2000      | 300  | 2,275          |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| Code   | No.  | g   | mm   | kg           |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8635210</b>   | 20 H-1000  | 1000  | 260  | 1,22         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8635480</b>   | 20 H-1250  | 1250  | 260  | 1,406        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8635560</b>   | 20 H-1500  | 1500  | 280  | 1,74         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8635640</b>   | 20 H-2000  | 2000  | 300  | 2,275        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <p><b>E 20 H</b><br/>Spare handle for club hammers</p>           | <ul style="list-style-type: none"> <li>Acc. to DIN 5135</li> <li>Ash or hickory handle</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>Spare handle for</th> <th>mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>8636880</b></td> <td>E-20 H-1000</td> <td>20-1000, 20-1250</td> <td>260</td> <td>0,163</td> </tr> <tr> <td><b>8637180</b></td> <td>E-20 H-1500</td> <td>20-1500</td> <td>280</td> <td>0,136</td> </tr> <tr> <td><b>8637260</b></td> <td>E-20 H-2000</td> <td>20-2000</td> <td>300</td> <td>0,21</td> </tr> </tbody> </table>  | Code | No.          | Spare handle for | mm | kg           | <b>8636880</b> | E-20 H-1000    | 20-1000, 20-1250 | 260 | 0,163 | <b>8637180</b> | E-20 H-1500  | 20-1500        | 280     | 0,136 | <b>8637260</b> | E-20 H-2000  | 20-2000 | 300            | 0,21    |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| Code   | No.  | Spare handle for  | mm   | kg           |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8636880</b>   | E-20 H-1000  | 20-1000, 20-1250  | 260  | 0,163        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8637180</b>   | E-20 H-1500  | 20-1500   | 280  | 0,136        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8637260</b>   | E-20 H-2000  | 20-2000   | 300  | 0,21         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <p><b>20 F</b><br/>Club hammer</p>                               | <p></p> <ul style="list-style-type: none"> <li>Forged club hammer head DIN 6475</li> <li>Fiberglass handle with plastic grip and head protection</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>g</th> <th>mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>8815620</b></td> <td>20 F-1000</td> <td>1000</td> <td>260</td> <td>1,27</td> </tr> <tr> <td><b>8815700</b></td> <td>20 F-1250</td> <td>1250</td> <td>260</td> <td>1,48</td> </tr> <tr> <td><b>8815890</b></td> <td>20 F-1500</td> <td>1500</td> <td>280</td> <td>1,775</td> </tr> <tr> <td><b>8815970</b></td> <td>20 F-2000</td> <td>2000</td> <td>300</td> <td>2,28</td> </tr> <tr> <td><b>8816000</b></td> <td>20 F-3</td> <td>3000</td> <td>600</td> <td>3,72</td> </tr> <tr> <td><b>8866530</b></td> <td>20 F-4</td> <td>4000</td> <td>700</td> <td>4,75</td> </tr> <tr> <td><b>8866610</b></td> <td>20 F-5</td> <td>5000</td> <td>800</td> <td>6,43</td> </tr> <tr> <td><b>8866880</b></td> <td>20 F-6</td> <td>6000</td> <td>800</td> <td>7,098</td> </tr> <tr> <td><b>8866960</b></td> <td>20 F-8</td> <td>8000</td> <td>900</td> <td>9,1</td> </tr> </tbody> </table> | Code | No.          | g                | mm | kg           | <b>8815620</b> | 20 F-1000      | 1000             | 260 | 1,27  | <b>8815700</b> | 20 F-1250    | 1250           | 260     | 1,48  | <b>8815890</b> | 20 F-1500    | 1500    | 280            | 1,775   | <b>8815970</b> | 20 F-2000    | 2000      | 300  | 2,28           | <b>8816000</b> | 20 F-3       | 3000 | 600       | 3,72  | <b>8866530</b> | 20 F-4       | 4000 | 700 | 4,75  | <b>8866610</b> | 20 F-5       | 5000 | 800 | 6,43 | <b>8866880</b> | 20 F-6       | 6000 | 800 | 7,098 | <b>8866960</b> | 20 F-8 | 8000 | 900 | 9,1 |
| Code   | No.  | g   | mm   | kg           |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8815620</b>   | 20 F-1000  | 1000  | 260  | 1,27         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8815700</b>   | 20 F-1250  | 1250  | 260  | 1,48         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8815890</b>   | 20 F-1500  | 1500  | 280  | 1,775        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8815970</b>   | 20 F-2000  | 2000  | 300  | 2,28         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8816000</b>   | 20 F-3   | 3000  | 600  | 3,72         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8866530</b>   | 20 F-4   | 4000  | 700  | 4,75         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8866610</b>   | 20 F-5   | 5000  | 800  | 6,43         |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8866880</b>   | 20 F-6   | 6000  | 800  | 7,098        |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |
| <b>8866960</b>   | 20 F-8   | 8000  | 900  | 9,1          |                  |    |              |                |                |                  |     |       |                |              |                |         |       |                |              |         |                |         |                |              |           |      |                |                |              |      |           |       |                |              |      |     |       |                |              |      |     |      |                |              |      |     |       |                |        |      |     |     |

## Hammers and striking tools

### 20 ST Club hammer



- > Forged club hammer head
- > With steel tube handle and plastic grip
- > Extremely strong and robust

| Code    | No.        | g    | ↳ mm | ⚖   |
|---------|------------|------|------|-----|
| 8640800 | 20 ST-1000 | 1000 | 260  | 1,4 |

### 609 H Sledge hammer ROTBAND-PLUS - The Original



- > Forged hammer head DIN 1042
- > Hickory handle DIN 5112, with additional long and hardened steel sleeve
- > ROTBAND-PLUS handle attachment, high safety, long life

| Code    | No.        | g    | ↳ mm | ⚖     |
|---------|------------|------|------|-------|
| 8673220 | 609 H-3    | 3000 | 600  | 3,755 |
| 8673300 | 609 H-3-90 | 3000 | 900  | 3,88  |
| 8673490 | 609 H-4    | 4000 | 700  | 4,94  |
| 8673570 | 609 H-4-90 | 4000 | 900  | 5,27  |
| 8673650 | 609 H-5    | 5000 | 800  | 6,035 |
| 8673730 | 609 H-5-90 | 5000 | 900  | 6,22  |
| 8673810 | 609 H-6    | 6000 | 800  | 7,045 |
| 8674030 | 609 H-6-90 | 6000 | 900  | 7,2   |
| 8674110 | 609 H-8    | 8000 | 900  | 9,185 |

### E 609 H Spare handle ROTBAND-PLUS



- > Hickory handle DIN 5112
- > Steel sleeve, fixing plate, tapered collar and wood screw
- > For all hammer heads according to DIN 1042

| Code    | No.          | ↳ mm | ⚖    |
|---------|--------------|------|------|
| 8681750 | E-609 H-3    | 600  | 0,77 |
| 8681910 | E-609 H-4    | 700  | 0,84 |
| 8683530 | E-609 H-5    | 800  | 1,12 |
| 8683610 | E-609 H-8    | 900  | 1,39 |
| 8740350 | E-609 H-6    | 800  | 0,9  |
| 8740510 | E-609 H-3-90 | 900  | 0,99 |
| 8747950 | E-609 H-6-90 | 900  | 1,1  |

### 9 E Sledge hammer



- > Forged hammer head DIN 1042
- > With ash handle DIN 5135

| Code    | No.   | g     | ↳ mm | ⚖     |
|---------|-------|-------|------|-------|
| 8612000 | 9 E-3 | 10000 | 600  | 3,33  |
| 8612270 | 9 E-5 | 5000  | 800  | 5,535 |

### E 9 E + E 9 H Spare handle



- > Ash (No. E 9 E) or hickory handle (No. E 9 H)
- > Acc. to DIN 5112
- > Version -90 = 90 cm handle
- > With oval fixing hole

| Code    | No.     | Spare handle for                             | ↳ mm | ⚖    |
|---------|---------|--|------|------|
| 8613080 | E 9 E-3 | 9-3, 10-3, 17-3, 20-3                        | 600  | 0,4  |
| 8613240 | E 9 E-5 | 9-5, 9-6, 10-5, 10-6, 17-5, 17-6, 20-5, 20-6 | 800  | 0,73 |

### 9 F Sledge hammer



- > Forged hammer head DIN 1042
- > Fiberglass handle with plastic grip and head protection

| Code    | No.   | g    | ↳ mm | ⚖     |
|---------|-------|------|------|-------|
| 8614130 | 9 F-3 | 3000 | 600  | 3,665 |
| 8614210 | 9 F-4 | 4000 | 700  | 4,93  |
| 8614480 | 9 F-5 | 5000 | 800  | 6,37  |
| 8614560 | 9 F-6 | 6000 | 800  | 7,165 |
| 8614640 | 9 F-8 | 8000 | 900  | 9,28  |

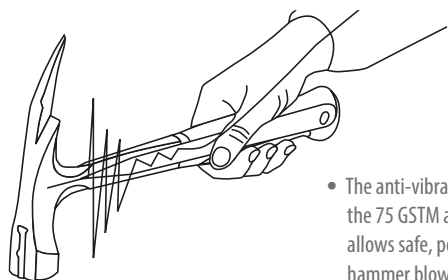
### 94 ST Bricklayer's hammer Berlin pattern



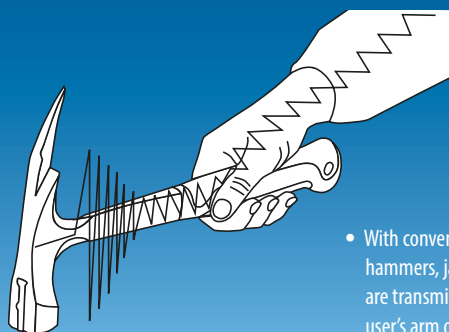
- > With steel tube handle and plastic grip
- > Extremely strong and robust

| Code    | No.   | g   | ↳ mm | ⚖     |
|---------|-------|-----|------|-------|
| 8697240 | 94 ST | 600 | 270  | 0,891 |

## **i** ANTI-VIBRATION SYSTEM



- The anti-vibration system of the 75 GSTM and 71 GSTM allows safe, powerful hammer blows



- With conventional all-steel hammers, jarring vibrations are transmitted through to the user's arm on every impact

### 75 GSTM Carpenter's hammer



- > Head and handle forged in one piece, virtually unbreakable
- > Ergonomic 2-component handle
- > With magnetic nail holder

| Code    | No.     | ↳ mm ▷ | kg    |
|---------|---------|--------|-------|
| 1576143 | 75 GSTM | 340    | 0,873 |

### 75 ST Carpenter's hammer



- > With steel tube handle and plastic grip
- > Extremely strong and robust

| Code    | No.    | Version/Execution | g   | ↳ mm ▷ | Handle length | kg    |
|---------|--------|-------------------|-----|--------|---------------|-------|
| 8688920 | 75 ST  | without magnet    | 600 | 317    | 300           | 0,76  |
| 8689220 | 75 STM | with magnet       | 600 | 317    | 300           | 0,835 |

### 75 STKM Carpenter's hammer with magnet



- > With steel tube handle, plastic grip and secured head
- > Extremely strong and robust

| Code    | No.     | Version/Execution | g   | ↳ mm ▷ | Handle length | kg    |
|---------|---------|-------------------|-----|--------|---------------|-------|
| 8813090 | 75 STKM | with magnet       | 600 | 317    | 300           | 0,847 |

### E-251 H Spare handle hickory 300 mm



| Code    | No.     | ↳ mm ▷ | kg   |
|---------|---------|--------|------|
| 3126781 | E-251 H | 300    | 0,09 |

### 677 H Scaling hammer ROT BAND-PLUS - The Original



- > Forged hammer head
- > ROT BAND-PLUS handle attachment, high safety, long life

| Code    | No.         | g   | ↳ mm ▷ | kg   |
|---------|-------------|-----|--------|------|
| 8671950 | 677 H       | 300 | 300    | 0,44 |
| 1822357 | E-677 H-300 |     | 300    | 0,15 |



## Hammers and striking tools

### 77 E Scaling hammer



- > With ash handle  
DIN 5111
- > Spare handle No. E 4 E

| Code           | No.       | g   | ◀ mm ▶ | kg    |
|----------------|-----------|-----|--------|-------|
| <b>8588030</b> | E-4 E-300 |     | 300    | 0,099 |
| <b>8690900</b> | 77 E-300  | 330 | 300    | 0,39  |

### 77 ST Scaling hammer

- > Acc. to DIN 5133
- > With steel tube handle



| Code           | No.       | g   | kg    |
|----------------|-----------|-----|-------|
| <b>8691390</b> | 77 ST-400 | 400 | 0,505 |

### 41 E Scaling hammer

- > With ash handle  
DIN 5111



| Code           | No.      | g   | ◀ mm ▶ | kg    |
|----------------|----------|-----|--------|-------|
| <b>8665390</b> | 41 E-500 | 500 | 320    | 0,655 |

### 248 H Recoilless hammer



- > With hickory handle
- > Splinter-proof,  
shatter-proof and  
wear-resistant  
polyamide heads,  
75 Shore D,  
tested to -20° C

| Code           | No.       | ∅ mm   | ◀ mm ▶   | kg    |
|----------------|-----------|--------|----------|-------|
| <b>8728220</b> | 248 H-25  | 25 mm  | 305 mm   | 0,3   |
| <b>8868230</b> | 248 H-30  | 30 mm  | 330 mm   | 0,47  |
| <b>8868310</b> | 248 H-35  | 35 mm  | 335 mm   | 0,59  |
| <b>8868580</b> | 248 H-40  | 40 mm  | 360 mm   | 0,73  |
| <b>8868660</b> | 248 H-45  | 45 mm  | 365 mm   | 0,87  |
| <b>8868740</b> | 248 H-50  | 50 mm  | 370 mm   | 1,02  |
| <b>8868820</b> | 248 H-60  | 60 mm  | 370 mm   | 1,65  |
| <b>8728300</b> | 248 H-70  | 70 mm  | 370 mm   | 2,26  |
| <b>8728490</b> | 248 H-80  | 80 mm  | 880 mm   | 4,27  |
| <b>8728570</b> | 248 H-100 | 100 mm | 1.000 mm | 6,935 |

### E 248 H Spare handle hickory



| Code           | No.           | ◀ mm ▶ | kg    |
|----------------|---------------|--------|-------|
| <b>8739690</b> | E 248 H-25    | 280    | 0,062 |
| <b>8739770</b> | E 248 H-30-35 | 300    | 0,12  |
| <b>8739850</b> | E 248 H-40-45 | 320    | 0,14  |
| <b>8739930</b> | E 248 H-50    | 320    | 0,18  |
| <b>8740000</b> | E 248 H-60-70 | 310    | 0,21  |
| <b>8740190</b> | E 248 H-80    | 800    | 0,68  |
| <b>8740270</b> | E 248 H-100   | 900    | 1,1   |

# i RECOILLESS HAMMERS

## YOUR ADVANTAGE

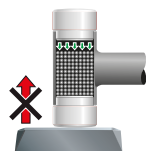
- Due to the special filling insert in the hammer head a considerably higher impact is made compared to standard engineers' and recoilless hammers
- Universal use for service and assembly work, with all the advantages of a recoilless hammer with higher impact
- "Dead blows" with no recoil reduce stress on muscles, nerves and wrists
- Lower cost due to universal use as an engineer's and recoilless hammer
- Recoilless hammers protect sensitive surfaces
- Each blow is more effective than standard safety hammers
- Available with hickory, tubular steel or fibreglass handles
- Exchangeable inserts, resistant to breakage or wear, made of modified polyamide

## FUNCTION

- The hollow hammer head is filled with steel shot. Small steel balls with a high carbon content.
- Workpiece "adhesion" and a "fully-felt" strike come from the practically 100% pulse transfer onto the workpiece.
- The impact (colloquial term for pulse) results principally from the kinetic energy of the fine-grained steel shot.
- The hammer head mass is slight compared to steel shot.
- That is why the counter pulse triggered by the hammer head is not felt.
- Bouncing blows are avoided.
- Goes easy on one's joints and tendons.



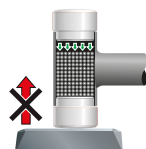
248 F  
Recoilless hammer



- > Nearly unbreakable fibreglass handle with plastic grip and secured head
- > Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C

| Code    | No.      | ∅ mm  | ↳ mm ◀ | kg   |
|---------|----------|-------|--------|------|
| 8724310 | 248 F-25 | 25 mm | 290 mm | 0,4  |
| 8867690 | 248 F-30 | 30 mm | 305 mm | 0,55 |
| 8867770 | 248 F-35 | 35 mm | 310 mm | 0,73 |
| 8867850 | 248 F-40 | 40 mm | 315 mm | 0,78 |
| 8867930 | 248 F-45 | 45 mm | 320 mm | 0,94 |
| 8868070 | 248 F-50 | 50 mm | 325 mm | 1,12 |
| 8868150 | 248 F-60 | 60 mm | 335 mm | 1,68 |

248 ST  
Recoilless hammer



- > With very robust and durable steel tube handle
- > Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C

| Code    | No.       | ∅ mm  | ↳ mm ◀ | kg    |
|---------|-----------|-------|--------|-------|
| 8724070 | 248 ST-25 | 25 mm | 270 mm | 0,44  |
| 8828950 | 248 ST-30 | 30 mm | 290 mm | 0,6   |
| 8829090 | 248 ST-35 | 35 mm | 295 mm | 0,7   |
| 8829170 | 248 ST-40 | 40 mm | 300 mm | 0,8   |
| 8829410 | 248 ST-45 | 45 mm | 305 mm | 0,95  |
| 8829250 | 248 ST-50 | 50 mm | 310 mm | 1,005 |
| 8829330 | 248 ST-60 | 60 mm | 335 mm | 1,8   |
| 8724150 | 248 ST-70 | 70 mm | 335 mm | 2,43  |

**E 248**

Polyamide spare head

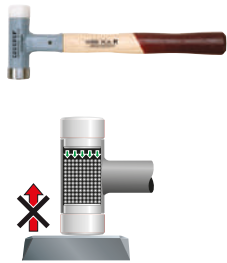


- › Made of shatterproof, break and wear resistant polyamide, 75 Shore D, tested to -20° C

| Code           | No.       | ∅ mm |  |       |
|----------------|-----------|------|--|-------|
| <b>8747790</b> | E 248-20  | 20   |  | 0,01  |
| <b>8747870</b> | E 248-25  | 25   |  | 0,01  |
| <b>8830260</b> | E 248-30  | 30   |  | 0,015 |
| <b>8830340</b> | E 248-35  | 35   |  | 0,021 |
| <b>8830420</b> | E 248-40  | 40   |  | 0,031 |
| <b>8829920</b> | E 248-45  | 45   |  | 0,04  |
| <b>8830500</b> | E 248-50  | 50   |  | 0,052 |
| <b>8830690</b> | E 248-60  | 60   |  | 0,09  |
| <b>8748410</b> | E 248-70  | 70   |  | 0,13  |
| <b>8748680</b> | E 248-80  | 80   |  | 0,19  |
| <b>8748760</b> | E 248-100 | 100  |  | 0,35  |

**247 H**

Combination hammer  
KOMBI-PLUS R



- › Reduced expense due to versatile use as an engineer's and recoilless hammer
- › With all advantages of a recoilless hammer with higher impact
- › Less energy necessary, easier working
- › With exchangeable splinter-proof, shatter-proof and wear-resistant polyamide head (E 247), 75 Shore D, tested to -20° C

| Code           | No.      | ∅ mm  | ↳ mm   |      |
|----------------|----------|-------|--------|------|
| <b>1603299</b> | 247 H-30 | 30 mm | 305 mm | 0,46 |
| <b>1603396</b> | 247 H-35 | 35 mm | 310 mm | 0,69 |
| <b>1687883</b> | 247 H-40 | 40 mm | 330 mm | 0,84 |

**E 247 H**

Spare handle Hickory  
KOMBI-PLUS R



- › Ergonomically shaped handle made from high-quality hickory
- › Extremely bend resistant and fail safe

| Code           | No.        | ↳ mm |       |
|----------------|------------|------|-------|
| <b>1605313</b> | E 247 H-30 | 270  | 0,13  |
| <b>1630709</b> | E 247 H-35 | 270  | 0,12  |
| <b>1688014</b> | E 247 H-40 | 290  | 0,126 |

**E 247**

spare head Polyamid  
(Piece) KOMBI-PLUS R



- › Made of shatterproof, break and wear resistant polyamide, 75 Shore D, tested to -20° C

| Code           | No.      | ∅ mm |  |       |
|----------------|----------|------|--|-------|
| <b>1605305</b> | E 247-30 | 30   |  | 0,021 |
| <b>1605380</b> | E 247-35 | 35   |  | 0,034 |
| <b>1688022</b> | E 247-40 | 40   |  | 0,035 |

**224 E**

Plastic hammer



- › Interchangeable heads of impact-resistant cellulose acetate
- › With ash handle
- › 65 Shore D

| Code           | No.      | ∅ mm | ↳ mm | Spare handle |       |
|----------------|----------|------|------|--------------|-------|
| <b>8821270</b> | 224 E-22 | 22   | 250  | E 224 E-22   | 0,157 |
| <b>8821350</b> | 224 E-27 | 27   | 270  | E 224 E-27   | 0,242 |
| <b>8821430</b> | 224 E-32 | 32   | 280  | E 224 E-32   | 0,32  |
| <b>8821510</b> | 224 E-35 | 35   | 290  | E 224 E-35   | 0,445 |
| <b>8821780</b> | 224 E-40 | 40   | 320  | E 224 E-40   | 0,6   |
| <b>8821860</b> | 224 E-50 | 50   | 340  | E 224 E-50   | 0,913 |
| <b>8821940</b> | 224 E-60 | 60   | 380  | E 224 E-60   | 1,392 |

### E 224

Plastic spare head



- > Made of impact-resistant cellulose acetate
- > 65 Shore D

| Code    | No.      | Ø mm |  |       |
|---------|----------|------|--|-------|
| 8822590 | E 224-22 | 22   |  | 0,005 |
| 8822670 | E 224-27 | 27   |  | 0,015 |
| 8822750 | E 224-32 | 32   |  | 0,025 |
| 8822830 | E 224-35 | 35   |  | 0,03  |
| 8822910 | E 224-40 | 40   |  | 0,04  |
| 8823050 | E 224-50 | 50   |  | 0,07  |
| 8823130 | E 224-60 | 60   |  | 0,11  |

### E 224 E

Spare handle ash



| Code    | No.        | ↳ mm ▶ |  |       |
|---------|------------|--------|--|-------|
| 8823210 | E 224 E-22 | 250    |  | 0,06  |
| 8823480 | E 224 E-27 | 270    |  | 0,06  |
| 8823560 | E 224 E-32 | 280    |  | 0,08  |
| 8823640 | E 224 E-35 | 290    |  | 0,08  |
| 8823720 | E 224 E-40 | 320    |  | 0,1   |
| 8824290 | E 224 E-50 | 340    |  | 0,1   |
| 8824370 | E 224 E-60 | 380    |  | 0,115 |

### 225 E

Nylon hammer



- > Exchangeable heads made from impact-resistant nylon
- > With ash handle
- > 60 Shore D

| Code    | No.      | Ø mm | ↳ mm ▶ |      |
|---------|----------|------|--------|------|
| 8805310 | 225 E-22 | 22   | 250    | 0,16 |
| 8805580 | 225 E-27 | 27   | 270    | 0,25 |
| 8805660 | 225 E-32 | 32   | 280    | 0,35 |
| 8805740 | 225 E-35 | 35   | 290    | 0,42 |
| 8805820 | 225 E-40 | 40   | 320    | 0,58 |
| 8805900 | 225 E-50 | 50   | 340    | 0,9  |
| 8806040 | 225 E-60 | 60   | 380    | 1,34 |

### E 225

Nylon spare head



- > Made of impact resistant nylon
- > 60 Shore D

| Code    | No.      | Ø mm |  |       |
|---------|----------|------|--|-------|
| 8814220 | E 225-22 | 22   |  | 0,005 |
| 8814300 | E 225-27 | 27   |  | 0,01  |
| 8814490 | E 225-32 | 32   |  | 0,015 |
| 8814570 | E 225-35 | 35   |  | 0,025 |
| 8814650 | E 225-40 | 40   |  | 0,03  |
| 8814730 | E 225-50 | 50   |  | 0,055 |
| 8814810 | E 225-60 | 60   |  | 0,085 |

### 226 E

Rubber mallet hard



- > Acc. to DIN 5128-90, 90 Shore A
- > With 2 flat surfaces
- > With ash handle

| Code    | No.       | Ø mm | ↳ mm ▶ | ↳ mm ▶ |       |
|---------|-----------|------|--------|--------|-------|
| 8825500 | 226 E-0   | 40   | 80     | 260    | 0,21  |
| 8825690 | 226 E-1   | 55   | 90     | 320    | 0,37  |
| 8825770 | 226 E-2   | 65   | 115    | 340    | 0,63  |
| 8825850 | 226 E-2 A | 65   | 115    | 340    | 0,578 |
| 8825930 | 226 E-3   | 75   | 130    | 380    | 0,99  |
| 8826070 | 226 E-4   | 90   | 140    | 380    | 1,15  |

### 227 E

Rubber mallet soft



- > Acc. to DIN 5128-60, 60 Shore A
- > With 2 flat surfaces
- > With ash handle

| Code    | No.     | Ø mm | ↳ mm ▶ | ↳ mm ▶ |      |
|---------|---------|------|--------|--------|------|
| 8826740 | 227 E-1 | 55   | 90     | 320    | 0,32 |
| 8826820 | 227 E-2 | 65   | 115    | 340    | 0,54 |
| 8827040 | 227 E-3 | 75   | 130    | 380    | 0,77 |
| 8827120 | 227 E-4 | 90   | 140    | 380    | 1,2  |

## Hammers and striking tools

### E 226 E

Spare handle ash



| Code    | No.       | ↳ mm ▶ | kg    |
|---------|-----------|--------|-------|
| 8826230 | E-226 E-0 | 260    | 0,043 |
| 8826310 | E-226 E-1 | 320    | 0,045 |
| 8826580 | E-226 E-2 | 340    | 0,1   |
| 8827200 | E-226 E-3 | 380    | 0,13  |
| 8827390 | E-226 E-4 | 380    | 0,17  |

### 622 H

Copper hammer  
ROTBAND-PLUS



- > Club shape
- > With hickory handle as per DIN 5111, additionally shaped with a long hardened handle protective steel sleeve
- > ROTBAND-PLUS handle attachment, high safety, long life

| Code    | No.        | g    | ↳ mm ▶ | kg    |
|---------|------------|------|--------|-------|
| 8672410 | 622 H-750  | 750  | 350    | 1,12  |
| 8672680 | 622 H-1000 | 1000 | 360    | 1,468 |
| 8672760 | 622 H-1500 | 1500 | 380    | 1,84  |
| 8672840 | 622 H-2000 | 2000 | 400    | 2,4   |
| 1985094 | 622 H-5    | 5000 | 800    | 6,15  |

### 37 E

Cold chisel hammer



- > For separating cold forgings
- > With ash handle

| Code    | No.         | g    | ↳ mm ▶ | kg   |
|---------|-------------|------|--------|------|
| 8663850 | 37 E-1500   | 1500 | 600    | 1,81 |
| 8663930 | E-37 E-1500 |      | 600    | 0,27 |

### 38 E

Hot chisel hammer



- > For separating warm forgings
- > With ash handle

| Code    | No.       | g    | ↳ mm ▶ | kg   |
|---------|-----------|------|--------|------|
| 8664310 | 38 E-1500 | 1500 | 600    | 1,76 |

### 56 E

Drift punches



- > With ash handle
- > Induction tempered edges of the flat side of the head available on request
- > Can be supplied with rebound-dampened tubular steel handle

| Code    | No.     | L   | kg   |
|---------|---------|-----|------|
| 8679500 | 56 E-10 | 600 | 1,01 |
| 8679690 | 56 E-15 | 600 | 1,48 |
| 8679770 | 56 E-20 | 600 | 1,77 |

### 108 UNI

Protective hand guard



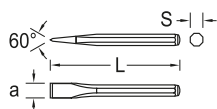
- > Made from PVC
- > Highest safety for the hand in case of misses due to an enlarged and double protection plate
- > Avoids injuries of the hand

- > No rolling away (elliptical-shaped)
- > Jarring blows do not move into the hand
- > For all chisels from 250 mm length

| Code    | No.     | oval    | octagonal | kg    |
|---------|---------|---------|-----------|-------|
| 8658500 | 108 UNI | 20 x 12 | 14        | 0,182 |
|         |         | 23 x 13 | 16        |       |
|         |         | 26 x 13 | 18        |       |
|         |         | 26 x 7  | 20        |       |

### 97

Flat cold chisel  
octagonal

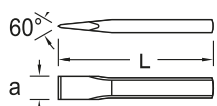


- > GEDORE vanadium steel
- > Striking heads inductively tempered

| Code           | No.    | L   | a    | s  |       |
|----------------|--------|-----|------|----|-------|
| <b>8703820</b> | 97-125 | 125 | 12,0 | 10 | 0,069 |
| <b>8703900</b> | 97-150 | 150 | 16,0 | 12 | 0,13  |
| <b>8704120</b> | 97-200 | 200 | 22,0 | 18 | 0,38  |

### 95

Flat cold chisel  
flat oval



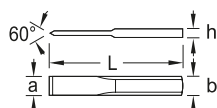
- > Acc. to DIN 6453
- > Vanadium Steel
- > Striking heads inductively tempered

**\* not standardised**

| Code            | No.    | L   | a    | b  | h  |       |
|-----------------|--------|-----|------|----|----|-------|
| <b>8698560</b>  | 95-100 | 100 | 15,0 | 14 | 9  | 0,075 |
| <b>8698640</b>  | 95-125 | 125 | 15,0 | 14 | 9  | 0,1   |
| <b>8698720</b>  | 95-150 | 150 | 18,0 | 17 | 11 | 0,19  |
| <b>8698800</b>  | 95-175 | 175 | 21,0 | 20 | 12 | 0,28  |
| <b>8698990</b>  | 95-200 | 200 | 24,0 | 23 | 13 | 0,39  |
| <b>8699610*</b> | 95-225 | 225 | 24,0 | 23 | 13 | 0,46  |
| <b>8699100*</b> | 95-250 | 250 | 28,0 | 26 | 13 | 0,57  |
| <b>8699020</b>  | 95-253 | 250 | 25,0 | 23 | 13 | 0,5   |
| <b>8699370*</b> | 95-300 | 300 | 30,0 | 26 | 13 | 0,71  |
| <b>8699290</b>  | 95-303 | 300 | 26,0 | 23 | 13 | 0,604 |
| <b>8699450*</b> | 95-400 | 400 | 30,0 | 26 | 13 | 0,95  |
| <b>8699530*</b> | 95-500 | 500 | 30,0 | 26 | 13 | 1,16  |

### 104

Splitting chisel  
flat

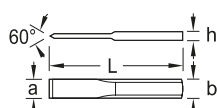


- > Vanadium Steel
- > Forged pattern
- > Striking heads inductively tempered
- > No. 104 HS with hand protection handle No. 108 UNI

| Code           | No.    | L   | a    | b  | h |      |
|----------------|--------|-----|------|----|---|------|
| <b>8723850</b> | 104    | 240 | 26,0 | 26 | 7 | 0,26 |
| <b>8723930</b> | 104 HS | 240 | 26,0 | 26 | 7 | 0,4  |
| <b>8724230</b> | 104 P  | 240 | 26,0 | 26 | 7 | 0,29 |

### 2104

Splitting chisel

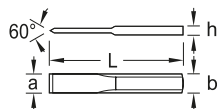


- > Chrome-vanadium steel
- > Striking heads inductively tempered

| Code           | No.  | L   | a    | b  | h |       |
|----------------|------|-----|------|----|---|-------|
| <b>8911420</b> | 2104 | 240 | 26,0 | 26 | 4 | 0,198 |

### 103

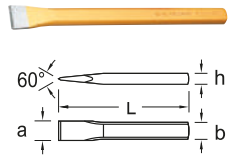




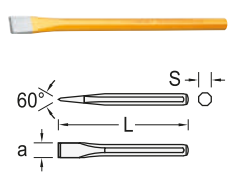




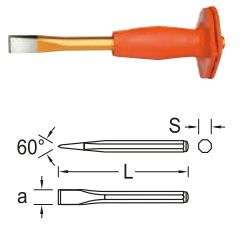




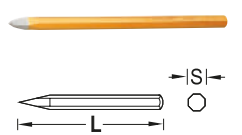




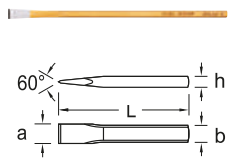








Brick cutting chisel  
flat oval




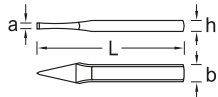





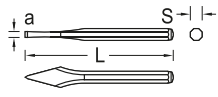





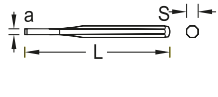





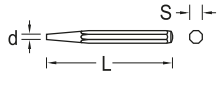





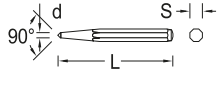




- > With broad blade to chisel joints into walls, plaster, tiles, etc.
- > Vanadium Steel
- > Striking heads inductively tempered

| Code           | No.    | L   | a    | b  | h  |       |
|----------------|--------|-----|------|----|----|-------|
| <b>8723420</b> | 103-50 | 250 | 50,0 | 26 | 13 | 0,532 |
| <b>8723500</b> | 103-60 | 250 | 60,0 | 26 | 13 | 0,557 |
| <b>8723690</b> | 103-80 | 250 | 80,0 | 26 | 13 | 0,558 |

## Hammers and striking tools

| <p><b>109</b><br/>Bricklayer's chisel<br/>flat oval</p>       | <p></p> <ul style="list-style-type: none"> <li>&gt; Acc. to DIN 7254 Form A</li> <li>&gt; Vanadium Steel</li> <li>&gt; Striking heads inductively tempered</li> </ul>                                       | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>a</th> <th>b</th> <th>h</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8728650</b></td> <td>109-200</td> <td>200</td> <td>26,0</td> <td>20</td> <td>12</td> <td>0,32</td> </tr> <tr> <td><b>8728730</b></td> <td>109-250</td> <td>250</td> <td>26,0</td> <td>20</td> <td>12</td> <td>0,4</td> </tr> <tr> <td><b>8728810</b></td> <td>109-300</td> <td>300</td> <td>29,0</td> <td>23</td> <td>13</td> <td>0,61</td> </tr> <tr> <td><b>8729030</b></td> <td>109-350</td> <td>350</td> <td>29,0</td> <td>23</td> <td>13</td> <td>0,71</td> </tr> </tbody> </table>   | Code | No.   | L   | a   | b   | h   |  | <b>8728650</b> | 109-200 | 200   | 26,0           | 20      | 12             | 0,32       | <b>8728730</b> | 109-250        | 250     | 26,0  | 20             | 12       | 0,4 | <b>8728810</b> | 109-300 | 300   | 29,0           | 23       | 13  | 0,61 | <b>8729030</b> | 109-350 | 350            | 29,0     | 23  | 13   | 0,71 |       |                |          |     |      |    |       |                |          |     |      |    |       |
|---|--|---|------|---|---|---|---|---|---|----------------|---------|-------|----------------|---------|----------------|------------|----------------|----------------|---------|-------|----------------|----------|-----|----------------|---------|-------|----------------|----------|-----|------|----------------|---------|----------------|----------|-----|------|------|-------|----------------|----------|-----|------|----|-------|----------------|----------|-----|------|----|-------|
| Code  | No.  | L   | a    | b   | h   |  |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8728650</b>  | 109-200  | 200   | 26,0 | 20  | 12  | 0,32  |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8728730</b>  | 109-250  | 250   | 26,0 | 20  | 12  | 0,4   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8728810</b>  | 109-300  | 300   | 29,0 | 23  | 13  | 0,61  |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8729030</b>  | 109-350  | 350   | 29,0 | 23  | 13  | 0,71  |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <p><b>110</b><br/>Bricklayer's chisel<br/>octagonal</p>       | <p></p> <ul style="list-style-type: none"> <li>&gt; Acc. to DIN 7254 Form B</li> <li>&gt; Vanadium Steel</li> <li>&gt; Striking heads inductively tempered</li> </ul>                                       | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>a</th> <th>s</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8731280</b></td> <td>110-216</td> <td>200</td> <td>23,0</td> <td>16</td> <td>0,3</td> </tr> <tr> <td><b>8731440</b></td> <td>110-256</td> <td>250</td> <td>23,0</td> <td>16</td> <td>0,39</td> </tr> <tr> <td><b>8731600</b></td> <td>110-316</td> <td>300</td> <td>23,0</td> <td>16</td> <td>0,46</td> </tr> <tr> <td><b>8731790</b></td> <td>110-318</td> <td>300</td> <td>26,0</td> <td>18</td> <td>0,6</td> </tr> <tr> <td><b>8731870</b></td> <td>110-358</td> <td>350</td> <td>26,0</td> <td>18</td> <td>0,7</td> </tr> <tr> <td><b>8731950</b></td> <td>110-418</td> <td>400</td> <td>26,0</td> <td>18</td> <td>0,81</td> </tr> <tr> <td><b>8732090</b></td> <td>110-420</td> <td>400</td> <td>30,0</td> <td>20</td> <td>0,99</td> </tr> </tbody> </table>           | Code | No.   | L   | a   | s   |    | <b>8731280</b>  | 110-216        | 200     | 23,0  | 16             | 0,3     | <b>8731440</b> | 110-256    | 250            | 23,0           | 16      | 0,39  | <b>8731600</b> | 110-316  | 300 | 23,0           | 16      | 0,46  | <b>8731790</b> | 110-318  | 300 | 26,0 | 18             | 0,6     | <b>8731870</b> | 110-358  | 350 | 26,0 | 18   | 0,7   | <b>8731950</b> | 110-418  | 400 | 26,0 | 18 | 0,81  | <b>8732090</b> | 110-420  | 400 | 30,0 | 20 | 0,99  |
| Code  | No.  | L   | a    | s   |    |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8731280</b>  | 110-216  | 200   | 23,0 | 16  | 0,3   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8731440</b>  | 110-256  | 250   | 23,0 | 16  | 0,39  |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8731600</b>  | 110-316  | 300   | 23,0 | 16  | 0,46  |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8731790</b>  | 110-318  | 300   | 26,0 | 18  | 0,6   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8731870</b>  | 110-358  | 350   | 26,0 | 18  | 0,7   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8731950</b>  | 110-418  | 400   | 26,0 | 18  | 0,81  |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8732090</b>  | 110-420  | 400   | 30,0 | 20  | 0,99  |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <p><b>110 HS</b><br/>Bricklayer's chisel<br/>octagonal</p>   | <p></p> <ul style="list-style-type: none"> <li>&gt; Acc. to DIN 7254 Form B</li> <li>&gt; 104 P with plastic grip</li> <li>&gt; Vanadium Steel</li> <li>&gt; Striking heads inductively tempered</li> </ul> | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>a</th> <th>s</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8732680</b></td> <td>110 HS-256</td> <td>250</td> <td>23,0</td> <td>16</td> <td>0,51</td> </tr> <tr> <td><b>8733140</b></td> <td>110 HS-318</td> <td>300</td> <td>26,0</td> <td>18</td> <td>0,72</td> </tr> </tbody> </table>   | Code | No.   | L   | a   | s   |    | <b>8732680</b>  | 110 HS-256     | 250     | 23,0  | 16             | 0,51    | <b>8733140</b> | 110 HS-318 | 300            | 26,0           | 18      | 0,72  |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| Code  | No.  | L   | a    | s   |    |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8732680</b>  | 110 HS-256   | 250   | 23,0 | 16  | 0,51  |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8733140</b>  | 110 HS-318   | 300   | 26,0 | 18  | 0,72  |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <p><b>111</b><br/>Point chisel<br/>octagonal</p>            | <p></p> <ul style="list-style-type: none"> <li>&gt; Acc. to DIN 7256</li> <li>&gt; Vanadium Steel</li> <li>&gt; Striking heads inductively tempered</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>s</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8741240</b></td> <td>111-256</td> <td>250</td> <td>16</td> <td>0,37</td> </tr> <tr> <td><b>8741400</b></td> <td>111-316</td> <td>300</td> <td>16</td> <td>0,444</td> </tr> <tr> <td><b>8741590</b></td> <td>111-318</td> <td>300</td> <td>18</td> <td>0,576</td> </tr> </tbody> </table>   | Code | No.   | L   | s   |  | <b>8741240</b>  | 111-256   | 250            | 16      | 0,37  | <b>8741400</b> | 111-316 | 300            | 16         | 0,444          | <b>8741590</b> | 111-318 | 300   | 18             | 0,576    |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| Code  | No.  | L   | s    |  |   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8741240</b>  | 111-256  | 250   | 16   | 0,37  |   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8741400</b>  | 111-316  | 300   | 16   | 0,444   |   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8741590</b>  | 111-318  | 300   | 18   | 0,576   |   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <p><b>112</b><br/>Electricians' chisel<br/>square</p>       | <p></p> <ul style="list-style-type: none"> <li>&gt; Chrome-vanadium steel</li> <li>&gt; Striking heads inductively tempered</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>a</th> <th>b</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8744500</b></td> <td>112-2006</td> <td>200</td> <td>6,0</td> <td>6</td> <td>0,054</td> </tr> <tr> <td><b>8744690</b></td> <td>112-2008</td> <td>200</td> <td>8,0</td> <td>6</td> <td>0,054</td> </tr> <tr> <td><b>8744770</b></td> <td>112-2100</td> <td>200</td> <td>10,0</td> <td>7</td> <td>0,073</td> </tr> <tr> <td><b>8744930</b></td> <td>112-2508</td> <td>250</td> <td>8,0</td> <td>6</td> <td>0,068</td> </tr> <tr> <td><b>8745070</b></td> <td>112-2510</td> <td>250</td> <td>10,0</td> <td>7</td> <td>0,091</td> </tr> <tr> <td><b>8745150</b></td> <td>112-2512</td> <td>250</td> <td>12,0</td> <td>8</td> <td>0,119</td> </tr> <tr> <td><b>8745310</b></td> <td>112-3000</td> <td>300</td> <td>15,0</td> <td>10</td> <td>0,227</td> </tr> </tbody> </table> | Code | No.   | L   | a   | b   |  | <b>8744500</b>  | 112-2006       | 200     | 6,0   | 6              | 0,054   | <b>8744690</b> | 112-2008   | 200            | 8,0            | 6       | 0,054 | <b>8744770</b> | 112-2100 | 200 | 10,0           | 7       | 0,073 | <b>8744930</b> | 112-2508 | 250 | 8,0  | 6              | 0,068   | <b>8745070</b> | 112-2510 | 250 | 10,0 | 7    | 0,091 | <b>8745150</b> | 112-2512 | 250 | 12,0 | 8  | 0,119 | <b>8745310</b> | 112-3000 | 300 | 15,0 | 10 | 0,227 |
| Code  | No.  | L   | a    | b   |  |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8744500</b>  | 112-2006   | 200   | 6,0  | 6   | 0,054   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8744690</b>  | 112-2008   | 200   | 8,0  | 6   | 0,054   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8744770</b>  | 112-2100   | 200   | 10,0 | 7   | 0,073   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8744930</b>  | 112-2508   | 250   | 8,0  | 6   | 0,068   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8745070</b>  | 112-2510   | 250   | 10,0 | 7   | 0,091   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8745150</b>  | 112-2512   | 250   | 12,0 | 8   | 0,119   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8745310</b>  | 112-3000   | 300   | 15,0 | 10  | 0,227   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <p><b>112 S</b><br/>Electricians' splitting<br/>chisel</p>  | <ul style="list-style-type: none"> <li>&gt; GEDORE vanadium steel</li> <li>&gt; Striking heads inductively tempered</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>a</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8746550</b></td> <td>112 S</td> <td>200</td> <td>26,8</td> <td>0,228</td> </tr> </tbody> </table>  | Code | No.   | L   | a   |  | <b>8746550</b>  | 112 S   | 200            | 26,8    | 0,228 |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| Code  | No.  | L   | a    |  |   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |
| <b>8746550</b>  | 112 S  | 200   | 26,8 | 0,228   |   |   |   |   |   |                |         |       |                |         |                |            |                |                |         |       |                |          |     |                |         |       |                |          |     |      |                |         |                |          |     |      |      |       |                |          |     |      |    |       |                |          |     |      |    |       |



| <p><b>96</b><br/>Cross cut chisel<br/>flat oval</p>    | <p></p> <ul style="list-style-type: none"> <li>&gt; Acc. to DIN 6451</li> <li>&gt; Vanadium Steel</li> <li>&gt; Striking heads inductively tempered</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>a</th> <th>b</th> <th>h</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8702180</b></td> <td>96-125</td> <td>125</td> <td>5,0</td> <td>14</td> <td>9</td> <td>0,098</td> </tr> <tr> <td><b>8702260</b></td> <td>96-150</td> <td>150</td> <td>6,0</td> <td>17</td> <td>11</td> <td>0,17</td> </tr> <tr> <td><b>8702340</b></td> <td>96-175</td> <td>175</td> <td>7,0</td> <td>17</td> <td>11</td> <td>0,21</td> </tr> <tr> <td><b>8702420</b></td> <td>96-200</td> <td>200</td> <td>8,0</td> <td>20</td> <td>12</td> <td>0,29</td> </tr> <tr> <td><b>8702500</b></td> <td>96-250</td> <td>250</td> <td>9,0</td> <td>23</td> <td>13</td> <td>0,46</td> </tr> </tbody> </table>   | Code | No. | L   | a   | b | h   |  | <b>8702180</b> | 96-125 | 125 | 5,0 | 14    | 9              | 0,098   | <b>8702260</b> | 96-150 | 150 | 6,0   | 17             | 11      | 0,17 | <b>8702340</b> | 96-175 | 175   | 7,0            | 17      | 11 | 0,21 | <b>8702420</b> | 96-200 | 200            | 8,0     | 20 | 12  | 0,29 | <b>8702500</b> | 96-250         | 250     | 9,0 | 23  | 13 | 0,46  |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
|--|--|---|------|-----|---|---|---|---|---|----------------|--------|-----|-----|-------|----------------|---------|----------------|--------|-----|-------|----------------|---------|------|----------------|--------|-------|----------------|---------|----|------|----------------|--------|----------------|---------|----|-----|------|----------------|----------------|---------|-----|-----|----|-------|----------------|---------|---|-----|----|-------|----------------|---------|---|-----|----|-------|----------------|---------|---|-----|----|-------|----------------|---------|---|-----|----|-------|----------------|---------|---|-----|----|-------|-----------------|----------|----|-----|----|-------|
| Code   | No.  | L   | a    | b   | h   |  |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8702180</b>   | 96-125   | 125   | 5,0  | 14  | 9   | 0,098   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8702260</b>   | 96-150   | 150   | 6,0  | 17  | 11  | 0,17  |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8702340</b>   | 96-175   | 175   | 7,0  | 17  | 11  | 0,21  |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8702420</b>   | 96-200   | 200   | 8,0  | 20  | 12  | 0,29  |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8702500</b>   | 96-250   | 250   | 9,0  | 23  | 13  | 0,46  |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <p><b>98</b><br/>Cross cut chisel<br/>octagonal</p>    | <p></p> <ul style="list-style-type: none"> <li>&gt; Vanadium steel</li> <li>&gt; Striking heads inductively tempered</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>a</th> <th>s</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8704630</b></td> <td>98-125</td> <td>125</td> <td>5,0</td> <td>10</td> <td>0,066</td> </tr> </tbody> </table>   | Code | No. | L   | a   | s |    | <b>8704630</b>  | 98-125         | 125    | 5,0 | 10  | 0,066 |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| Code   | No.  | L   | a    | s   |    |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8704630</b>   | 98-125   | 125   | 5,0  | 10  | 0,066   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <p><b>129</b><br/>Grooving chisel<br/>octagonal</p>   | <p></p> <ul style="list-style-type: none"> <li>&gt; Acc. to DIN 6455</li> <li>&gt; Vanadium Steel</li> <li>&gt; Striking head inductively tempered</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>a</th> <th>s</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8776460</b></td> <td>129-3</td> <td>150</td> <td>3,0</td> <td>10</td> <td>0,07</td> </tr> </tbody> </table>   | Code | No. | L   | a   | s |    | <b>8776460</b>  | 129-3          | 150    | 3,0 | 10  | 0,07  |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| Code   | No.  | L   | a    | s   |    |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8776460</b>   | 129-3  | 150   | 3,0  | 10  | 0,07  |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <p><b>99</b><br/>Drift punches<br/>octagonal</p>   | <p></p> <ul style="list-style-type: none"> <li>&gt; Acc. to DIN 6458</li> <li>&gt; GEDORE vanadium steel</li> <li>&gt; Striking heads inductively tempered</li> <li>&gt; Special sizes available on request</li> </ul> <p><b>* not standardised</b></p> | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>d</th> <th>L</th> <th>s</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8708700</b></td> <td>99 10-1</td> <td>1</td> <td>120</td> <td>10</td> <td>0,06</td> </tr> <tr> <td><b>8708970</b></td> <td>99 10-2</td> <td>2</td> <td>120</td> <td>10</td> <td>0,061</td> </tr> <tr> <td><b>8709190</b></td> <td>99 10-3</td> <td>3</td> <td>120</td> <td>10</td> <td>0,063</td> </tr> <tr> <td><b>8709350</b></td> <td>99 10-4</td> <td>4</td> <td>120</td> <td>10</td> <td>0,065</td> </tr> <tr> <td><b>8709510</b></td> <td>99 10-5</td> <td>5</td> <td>120</td> <td>10</td> <td>0,063</td> </tr> <tr> <td><b>8710950</b></td> <td>99 12-3</td> <td>3</td> <td>120</td> <td>12</td> <td>0,088</td> </tr> <tr> <td><b>8711170</b></td> <td>99 12-4</td> <td>4</td> <td>120</td> <td>12</td> <td>0,086</td> </tr> <tr> <td><b>8711330</b></td> <td>99 12-5</td> <td>5</td> <td>120</td> <td>12</td> <td>0,091</td> </tr> <tr> <td><b>8711410</b></td> <td>99 12-6</td> <td>6</td> <td>120</td> <td>12</td> <td>0,094</td> </tr> <tr> <td><b>8711680</b></td> <td>99 12-7</td> <td>7</td> <td>120</td> <td>12</td> <td>0,096</td> </tr> <tr> <td><b>8711760</b></td> <td>99 12-8</td> <td>8</td> <td>120</td> <td>12</td> <td>0,099</td> </tr> <tr> <td><b>8711920*</b></td> <td>99 12-10</td> <td>10</td> <td>120</td> <td>12</td> <td>0,103</td> </tr> </tbody> </table> | Code | No. | d   | L   | s |  | <b>8708700</b>  | 99 10-1        | 1      | 120 | 10  | 0,06  | <b>8708970</b> | 99 10-2 | 2              | 120    | 10  | 0,061 | <b>8709190</b> | 99 10-3 | 3    | 120            | 10     | 0,063 | <b>8709350</b> | 99 10-4 | 4  | 120  | 10             | 0,065  | <b>8709510</b> | 99 10-5 | 5  | 120 | 10   | 0,063          | <b>8710950</b> | 99 12-3 | 3   | 120 | 12 | 0,088 | <b>8711170</b> | 99 12-4 | 4 | 120 | 12 | 0,086 | <b>8711330</b> | 99 12-5 | 5 | 120 | 12 | 0,091 | <b>8711410</b> | 99 12-6 | 6 | 120 | 12 | 0,094 | <b>8711680</b> | 99 12-7 | 7 | 120 | 12 | 0,096 | <b>8711760</b> | 99 12-8 | 8 | 120 | 12 | 0,099 | <b>8711920*</b> | 99 12-10 | 10 | 120 | 12 | 0,103 |
| Code   | No.  | d   | L    | s   |  |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8708700</b>   | 99 10-1  | 1   | 120  | 10  | 0,06  |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8708970</b>   | 99 10-2  | 2   | 120  | 10  | 0,061   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8709190</b>   | 99 10-3  | 3   | 120  | 10  | 0,063   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8709350</b>   | 99 10-4  | 4   | 120  | 10  | 0,065   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8709510</b>   | 99 10-5  | 5   | 120  | 10  | 0,063   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8710950</b>   | 99 12-3  | 3   | 120  | 12  | 0,088   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8711170</b>   | 99 12-4  | 4   | 120  | 12  | 0,086   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8711330</b>   | 99 12-5  | 5   | 120  | 12  | 0,091   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8711410</b>   | 99 12-6  | 6   | 120  | 12  | 0,094   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8711680</b>   | 99 12-7  | 7   | 120  | 12  | 0,096   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8711760</b>   | 99 12-8  | 8   | 120  | 12  | 0,099   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8711920*</b>  | 99 12-10   | 10  | 120  | 12  | 0,103   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <p><b>100</b><br/>Centre punch<br/>octagonal</p>   | <p></p> <ul style="list-style-type: none"> <li>&gt; Acc. to DIN 7250</li> <li>&gt; Vanadium Steel</li> <li>&gt; Striking heads inductively tempered</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>d</th> <th>L</th> <th>s</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>8721050</b></td> <td>100-10</td> <td>4</td> <td>120</td> <td>10</td> <td>0,063</td> </tr> <tr> <td><b>8721130</b></td> <td>100-12</td> <td>5</td> <td>120</td> <td>12</td> <td>0,091</td> </tr> <tr> <td><b>8721210</b></td> <td>100-15</td> <td>5</td> <td>150</td> <td>12</td> <td>0,119</td> </tr> <tr> <td><b>8721480</b></td> <td>100-16</td> <td>8</td> <td>150</td> <td>16</td> <td>0,216</td> </tr> </tbody> </table>   | Code | No. | d   | L   | s |  | <b>8721050</b>  | 100-10         | 4      | 120 | 10  | 0,063 | <b>8721130</b> | 100-12  | 5              | 120    | 12  | 0,091 | <b>8721210</b> | 100-15  | 5    | 150            | 12     | 0,119 | <b>8721480</b> | 100-16  | 8  | 150  | 16             | 0,216  |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| Code   | No.  | d   | L    | s   |  |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8721050</b>   | 100-10   | 4   | 120  | 10  | 0,063   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8721130</b>   | 100-12   | 5   | 120  | 12  | 0,091   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8721210</b>   | 100-15   | 5   | 150  | 12  | 0,119   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |
| <b>8721480</b>   | 100-16   | 8   | 150  | 16  | 0,216   |   |   |   |   |                |        |     |     |       |                |         |                |        |     |       |                |         |      |                |        |       |                |         |    |      |                |        |                |         |    |     |      |                |                |         |     |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                |         |   |     |    |       |                 |          |    |     |    |       |

## Hammers and striking tools

**100 A**  
Centre punch  
8-edge, with carbide tip



> Vanadium Steel

| Code           | No.      | L   | s  | d |       |
|----------------|----------|-----|----|---|-------|
| <b>8721720</b> | 100 A-10 | 120 | 10 | 4 | 0,063 |
| <b>1568396</b> | 100 A-12 | 130 | 12 | 4 | 0,089 |

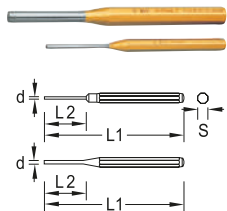
**101**  
Automatic centre punch  
with tip



- > For one hand operation
- > Automatic impact release by spring mechanism
- > Impact power infinitely adjustable between 60 - 130 N

| Code           | No.   | L   | s  | d |       |
|----------------|-------|-----|----|---|-------|
| <b>3081214</b> | E-101 | 99  |    | 4 | 0,01  |
| <b>8722880</b> | 101   | 130 | 14 | 4 | 0,145 |

**119**  
Pin punch  
octagonal



- > Acc. to DIN 6450
- > GEDORE vanadium steel
- > Striking heads inductively tempered
- > Special sizes available on request

**\* not standardised**

| Code            | No.     | d   | L1  | L2 | s  |       |
|-----------------|---------|-----|-----|----|----|-------|
| <b>2004658*</b> | 119-1,5 | 1,5 | 110 | 30 | 8  | 0,061 |
| <b>8758640</b>  | 119-2   | 2   | 150 | 30 | 10 | 0,07  |
| <b>8758720*</b> | 119-2,5 | 2,5 | 150 | 30 | 10 | 0,069 |
| <b>8758800</b>  | 119-3   | 3   | 150 | 40 | 10 | 0,071 |
| <b>8758990*</b> | 119-3,5 | 3,5 | 150 | 40 | 10 | 0,072 |
| <b>8759020</b>  | 119-4   | 4   | 150 | 50 | 10 | 0,061 |
| <b>8856220*</b> | 119-4,5 | 4,5 | 150 | 50 | 10 | 0,065 |
| <b>8759290</b>  | 119-5   | 5   | 150 | 50 | 10 | 0,068 |
| <b>8759370</b>  | 119-6   | 6   | 150 | 50 | 10 | 0,073 |
| <b>8759450*</b> | 119-7   | 7   | 150 | 50 | 12 | 0,103 |
| <b>8759530</b>  | 119-8   | 8   | 150 | 50 | 12 | 0,109 |
| <b>8759610*</b> | 119-9   | 9   | 150 | 50 | 12 | 0,115 |
| <b>8759880</b>  | 119-10  | 10  | 150 | 50 | 12 | 0,123 |
| <b>8759960</b>  | 119-12  | 12  | 150 | 50 | 14 | 0,17  |
| <b>8859670</b>  | 119-14  | 14  | 180 | 80 | 16 | 0,237 |
| <b>8761350</b>  | 119-175 | 6   | 175 | 85 | 10 | 0,07  |

**115**  
Pin punch set  
8 pieces



- > In metal case with lid
- > With movable guide sleeve, -59 with fix guide sleeve
- > Insert made of material 115CrV3, hardness 55 - 59 HRC

| Code           | No. | Contents                           | Pieces |      |
|----------------|-----|------------------------------------|--------|------|
| <b>8756780</b> | 115 | 114-09 -14 -18 -24 -28 -34 -39 -59 | 8      | 0,35 |

**116**  
Pin punch set  
6 pieces



- > Chrome-vanadium steel
- > Striking heads inductively tempered

| Code           | No.   | Contents                       | Execution         |
|----------------|-------|--------------------------------|-------------------|
| <b>8757670</b> | 116 A | 119-3 -4 -5 -6 -7 -8           | PVC holder        |
| <b>8758050</b> | 116 D | 119-3 -4 -5 -6 -7 -8           | Metal folding box |
| <b>8839990</b> | 116 L | 119-2 -3 -5 -175 -175-4 -175-6 |                   |

### 119 L

Pin punch set  
6 pieces



- > Vanadium Steel
- > Striking heads inductively tempered
- > In PVC holder
- > Long pattern: 175 mm

| Code           | No.   | Contents                                 | Execution  |
|----------------|-------|--|------------|
| <b>8866290</b> | 119 L | 119-175-4 175-5 175-6 175-7 175-8 175-10 | PVC holder |

### 113

Drift punch set  
6 pieces



- > GEDORE Vanadium steel
- > Striking heads inductively tempered

| Code           | No.   | Contents                           | Execution           |
|----------------|-------|------------------------------------|---------------------|
| <b>8753680</b> | 113   | 99 10-1 2 3<br>99 12-4 5<br>100-10 | PVC holder          |
| <b>8754060</b> | 113 D | 99 10-1 2 3<br>99 12-4 5<br>100-10 | Metal case with lid |

### 106

Tool set  
6 pieces



- > Vanadium Steel
- > Striking heads inductively tempered

| Code           | No.   | Contents   | Execution           |
|----------------|-------|--|---------------------|
| <b>8725200</b> | 106   | 97-125 150<br>98-125<br>99 12-3<br>100-10<br>119-4 | PVC holder          |
| <b>8725710</b> | 106 D | 97-125 150<br>98-125<br>99 12-3<br>100-10<br>119-4 | Metal case with lid |

### 90 HS

Rivet setter  
octagonal



- > Vanadium steel, galvanized
- > Striking heads inductively tempered

| Code           | No.     | L   | s  |       |
|----------------|---------|-----|----|-------|
| <b>8885830</b> | 90 HS-4 | 170 | 18 | 0,488 |

### 208

Carbide scriber  
hexagon



- > Chrom-vanadium-steel 59CrV4
- > zinc-plated

| Code           | No.     | ◀ mm ▶ | mm |      |
|----------------|---------|--------|----|------|
| <b>8881680</b> | 208-150 | 150    | 6  | 0,04 |

## Hammers and striking tools

### 125 B

rivet extractor and rivet head maker set  
6 pieces



- > GEDORE vanadium steel
- > Hardened according to DIN 7255
- > In PVC holder

| Code           | No.   | Contents            | Pieces |      |
|----------------|-------|---------------------|--------|------|
| <b>8773600</b> | 125 B | 126-2 3 4 127-2 3 4 | 6      | 0,47 |

### 135

Setting punch



- > Vanadium Steel
- > Special sizes available on request

| Code           | No.    | d  | L   | c   | s  |       |
|----------------|--------|----|-----|-----|----|-------|
| <b>8782350</b> | 135-5  | 5  | 180 | 110 | 12 | 0,11  |
| <b>8782430</b> | 135-6  | 6  | 200 | 120 | 13 | 0,15  |
| <b>8782510</b> | 135-8  | 8  | 200 | 130 | 16 | 0,225 |
| <b>8782780</b> | 135-9  | 9  | 200 | 130 | 20 | 0,34  |
| <b>8782860</b> | 135-10 | 10 | 230 | 140 | 22 | 0,49  |
| <b>8782940</b> | 135-11 | 11 | 250 | 155 | 25 | 0,62  |
| <b>8783080</b> | 135-12 | 12 | 280 | 170 | 27 | 0,89  |
| <b>8783160</b> | 135-14 | 14 | 315 | 190 | 30 | 1,25  |
| <b>8783240</b> | 135-15 | 15 | 340 | 200 | 32 | 1,555 |
| <b>8783320</b> | 135-16 | 16 | 380 | 220 | 36 | 2,19  |

### 136-500

Taper punch  
octagonal



- > Vanadium Steel

| Code           | No.     | L   | c     | d | s  |      |
|----------------|---------|-----|-------|---|----|------|
| <b>8783400</b> | 136-500 | 500 | 170,0 | 5 | 20 | 1,05 |

### 137-600

Bending bar



- > Vanadium Steel

| Code           | No.     | L   | c     | d | s  |       |
|----------------|---------|-----|-------|---|----|-------|
| <b>8783590</b> | 137-600 | 600 | 120,0 | 5 | 20 | 1,305 |

### 138-400

Bending tool, hex



- > Vanadium steel, galvanized

| Code           | No.     | ↳ mm ↲ | mm <sup>2</sup> | d  |       |
|----------------|---------|--------|-----------------|----|-------|
| <b>1396609</b> | 138-400 | 400    | 23,0            | 17 | 0,645 |

### 139-400

Prybar



- > For hand operated levering, bending and centering of components
- > Suitable for galvanized components
- > Power saving through rolling head
- > Chrome vanadium steel 31CrV3, galvanised

| Code           | No.     | ↳ mm ↲ | ∅  |      |
|----------------|---------|--------|----|------|
| <b>1396595</b> | 139-400 | 400    | 14 | 0,48 |

### 140-380

Universal prybar



- > Made of special steel, through hardened
- > Cutting edge polished
- > With 3 nail pullers

| Code           | No.     | ↳ mm ▶ | mm <sup>2</sup> □ | kg   |
|----------------|---------|--------|-------------------|------|
| <b>8894310</b> | 140-380 | 380    | 42,0              | 0,65 |

### 141

Prybar



- > Vanadium steel, chromated
- > Carefully hardened along the full length
- > Ergonomic PVC handle
- > Very robust and resilient

| Code           | No.     | ↳ mm ▶ | mm <sup>2</sup> □ | s  | kg    |
|----------------|---------|--------|-------------------|----|-------|
| <b>1471945</b> | 141-300 | 300    | 15,0              | 12 | 0,23  |
| <b>1471937</b> | 141-390 | 390    | 15,0              | 12 | 0,39  |
| <b>1471929</b> | 141-600 | 600    | 15,0              | 12 | 0,785 |

### S 141-3

Prybar set  
3 pieces



- > Vanadium steel, chromated
- > Carefully hardened along the full length
- > Ergonomic PVC handle
- > Very robust and resilient

| Code           | No.     | Contents        | Pieces | kg    |
|----------------|---------|-----------------|--------|-------|
| <b>1525476</b> | S 141-3 | 141-300 390 600 | 3      | 1,474 |

### 142-430

Aluminium prybar



- > Made from high quality aluminium
- > Extremely light and very robust
- > For universal use - with pry and tip

| Code           | No.     | ↳ mm ▶ | mm <sup>2</sup> □ | kg    |
|----------------|---------|--------|-------------------|-------|
| <b>1859188</b> | 142-430 | 430    | 26,0              | 0,405 |

### 120

Wrecking bar



- > Made of special steel

| Code           | No.      | ↳ mm ▶ | Shaft diameter | kg    |
|----------------|----------|--------|----------------|-------|
| <b>8769330</b> | 120-350  | 350    | 18             | 0,84  |
| <b>8769410</b> | 120-500  | 500    | 18             | 1,15  |
| <b>8769680</b> | 120-600  | 600    | 18             | 1,355 |
| <b>8769760</b> | 120-700  | 700    | 18             | 1,55  |
| <b>8769840</b> | 120-800  | 800    | 18             | 1,77  |
| <b>8769920</b> | 120-1000 | 1.000  | 18             | 2,175 |

# WORKSHOP SUPPLIES

Perfectly equipped: GEDORE automotive tools and the right equipment turn a facility into a functional, efficient workshop. From wheel mounting to work on the engine and interior to bodywork. Workshop equipment from GEDORE means quality without compromises.

The basis for a well-positioned motor workshop are specialised tools and supplies. Even the seemingly simple four-way wheel wrench must be able to withstand extreme loads in continuous operation. That is why GEDORE attaches great importance to fine but important details here too: The wrench has a hot-forged hexagon, which prevents material breakage.

The quality promise also applies to the wheel sockets, balancing weight and brake spring pliers, tyre levers, spanners and inserts made from high-quality materials.

Working under the lifting platform, in the pit or in the service vehicle require uncomplicated transport, carrying tools on the body or simply protection and comfort for hands and knees, for example. For these cases GEDORE has developed the **@work** series. Multifunctional belts, pouches, holsters and even backpacks and tool rucksacks and tool waistcoats offer freedom of movement, quick access to tools and and safe storage. Gloves and knee pads complete the the series.




## CLEVERLY COMBINED

All the bags, holsters and belts in the **@work** range can be combined with each other and thus offer extensive possibilities for individualisation







**ROBUST  
PRACTICAL  
VERSATILE**

#### THE PERFECTLY EQUIPPED WORKSHOP

- Intelligent and versatile solutions for the workshop
- Equipment that supports working comfort and protects the workpieces
- Measuring tools for accuracy and precision
- Tool bags, belts and waistcoats as useful addition

#### BEST QUALITY FOR HIGHEST DEMANDS

- Use of the most modern machines and environmentally friendly production processes
- The best materials and optimised processing methods ensure unique quality
- High-grade industrial quality for the toughest continuous demands and safety in everyday work

#### GEDORE CUTLERY

- The blade stays sharp longer, thanks to high-quality carbon steel
- All GEDORE scissors are hot drop forged, carefully machined and tempered
- The cutting edge is hand-bladed
- Carbon steel, professional tempering and the hand-bladed cutting edge ensure an optimum cut and long cutting life





**28 CU**4-way wheel wrench  
for small trucks

- > Acc. to DIN 3119, ISO 6788
- > For delivery vans and light trucks, buses and tractors
- > The collar, typical of GEDORE 4-way wheel wrenches, enlarges the welding area

| Code           | No.   | ⌀ mm  | ⌀ mm                    |       |
|----------------|-------|---|-------------------------|-------|
| <b>6228500</b> | 28 CU | 19 x 24 x 22 x 27<br>(3/4" x 15/16" x 7/8" x 1.1/16") | 28,5 x 32 x 34,5 x 38,5 | 3,155 |

**28 LM - LV**4-way wheel wrench  
Truck

- > Acc. to DIN 3119, ISO 6788
- > For trucks, agricultural machines, tractors and industrial uses
- > The collar, typical of GEDORE 4-way wheel wrenches, enlarges the welding area

| Code           | No.   | ⌀ mm                    | ⌀ mm                  |       |
|----------------|-------|-------------------------|-----------------------|-------|
| <b>6228770</b> | 28 LM | 24 x 27 x 30 x 32       | 34,5 x 38,5 x 42 x 45 | 5,555 |
| <b>6229150</b> | 28 LV | 24 x 32 x 27 x 3/4" 4kt | 34,5 x 45 x 38,5 x 26 | 5,515 |

**28 LR + 28 LRV**4-way wheel wrench  
Truck

- > For trucks and heavy machines
- > With turned centre, especially sturdy

| Code           | No.    | ⌀ mm                    | ⌀ mm              |       |
|----------------|--------|-------------------------|-------------------|-------|
| <b>6228930</b> | 28 LR  | 27 x 30 x 32 x 33       | 40 x 44 x 46 x 46 | 6,085 |
| <b>6228420</b> | 28 LRV | 27 x 30 x 32 x 3/4" 4kt | 40 x 44 x 46 x 26 | 5,98  |

**28 PR + 28 PRV**Universal 4-way wheel  
wrench  
for cars and small trucks

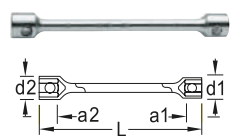








- > Acc. to DIN 3119, ISO 6788
- > With solid, turned middle piece
- > With extra long lever arm and great range of sockets

| Code           | No.    | ⌀ mm                           | ⌀ mm                    |       |
|----------------|--------|--------------------------------|-------------------------|-------|
| <b>6227530</b> | 28 PR  | 17 x 19 (3/4") x 21 x 24       | 26 x 28,5 x 30,5 x 35,5 | 2,315 |
| <b>6227880</b> | 28 PRV | 17 x 19 (3/4") x 21 x 1/2" 4kt | 26 x 28,5 x 30,5 x 17,5 | 2,255 |

**28 PU + 28 PUV**4-way wheel wrench  
for cars

- > Acc. to DIN 3119, ISO 6788
- > For car wheel nuts in metric and inch sizes
- > With protective central reinforcement (DBGM = German utility patent)
- > The collar, typical of GEDORE 4-way wheel wrenches, enlarges the welding area

| Code           | No.    | ⌀ mm                           | ⌀ mm                                  |       |
|----------------|--------|--------------------------------|---------------------------------------|-------|
| <b>6227610</b> | 28 PU  | 17 x 19 (3/4") x 21 x 11/16"   | 26,0 mm x 28,5 mm x 30,5 mm x 26,0 mm | 1,285 |
| <b>6228260</b> | 28 PUV | 17 x 19 (3/4") x 21 x 1/2" 4kt | 26,0 mm x 28,5 mm x 30,5 mm x 17,5 mm | 1,3   |

| <p><b>27</b><br/>Wheel socket wrench<br/>Truck</p>              |  <ul style="list-style-type: none"> <li>&gt; With great head depth, for protruding bolts, without tommy bar</li> <li>&gt; Please order rotary pin 27 D separately</li> </ul> | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>6225240</td> <td>27 24X27</td> <td>24 x 27</td> <td>15/16" x 1.1/16"</td> <td>1,148</td> </tr> <tr> <td>6220010</td> <td>27 27X32</td> <td>27 x 32</td> <td></td> <td>1,453</td> </tr> <tr> <td>6220280</td> <td>27 28X32</td> <td>28 x 32</td> <td></td> <td>1,134</td> </tr> <tr> <td>6225910</td> <td>27 30X32</td> <td>30 x 32</td> <td>1.3/16" x 1.1/4"</td> <td>1,459</td> </tr> <tr> <td>6220440</td> <td>27 30X33</td> <td>30 x 33</td> <td></td> <td>1,442</td> </tr> <tr> <td>6227100</td> <td>27 D</td> <td></td> <td></td> <td>1,26</td> </tr> </tbody> </table> | Code             | No.   | mm | inch           | kg | 6225240 | 27 24X27   | 24 x 27 | 15/16" x 1.1/16" | 1,148 | 6220010 | 27 27X32 | 27 x 32 |    | 1,453 | 6220280 | 27 28X32 | 28 x 32 |    | 1,134 | 6225910 | 27 30X32 | 30 x 32 | 1.3/16" x 1.1/4" | 1,459 | 6220440 | 27 30X33 | 30 x 33 |    | 1,442 | 6227100 | 27 D |  |  | 1,26 |
|---|---|---|------------------|-------|----|----------------|----|---------|------------|---------|------------------|-------|---------|----------|---------|----|-------|---------|----------|---------|----|-------|---------|----------|---------|------------------|-------|---------|----------|---------|----|-------|---------|------|--|--|------|
| Code  | No.   | mm  | inch             | kg    |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6225240   | 27 24X27  | 24 x 27   | 15/16" x 1.1/16" | 1,148 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6220010   | 27 27X32  | 27 x 32   |                  | 1,453 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6220280   | 27 28X32  | 28 x 32   |                  | 1,134 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6225910   | 27 30X32  | 30 x 32   | 1.3/16" x 1.1/4" | 1,459 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6220440   | 27 30X33  | 30 x 33   |                  | 1,442 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6227100   | 27 D  |   |                  | 1,26  |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| <p><b>38</b><br/>Tyre lever</p>                                 | <ul style="list-style-type: none"> <li>&gt; Profiled shape, solid forged</li> <li>&gt; With protective surfaces for light alloy rims</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>6332320</td> <td>38 8</td> <td>200</td> <td>8</td> <td>0,099</td> </tr> <tr> <td>6332400</td> <td>38 12</td> <td>305</td> <td>12</td> <td>0,221</td> </tr> <tr> <td>6332670</td> <td>38 16</td> <td>400</td> <td>16</td> <td>0,405</td> </tr> <tr> <td>6332830</td> <td>38 20</td> <td>500</td> <td>20</td> <td>0,602</td> </tr> <tr> <td>6332910</td> <td>38 24</td> <td>610</td> <td>24</td> <td>0,927</td> </tr> </tbody> </table>  | Code             | No.   | mm | inch           | kg | 6332320 | 38 8       | 200     | 8                | 0,099 | 6332400 | 38 12    | 305     | 12 | 0,221 | 6332670 | 38 16    | 400     | 16 | 0,405 | 6332830 | 38 20    | 500     | 20               | 0,602 | 6332910 | 38 24    | 610     | 24 | 0,927 |         |      |  |  |      |
| Code  | No.   | mm  | inch             | kg    |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6332320   | 38 8  | 200   | 8                | 0,099 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6332400   | 38 12   | 305   | 12               | 0,221 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6332670   | 38 16   | 400   | 16               | 0,405 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6332830   | 38 20   | 500   | 20               | 0,602 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6332910   | 38 24   | 610   | 24               | 0,927 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| <p><b>39</b><br/>Tyre lever</p>                                 | <ul style="list-style-type: none"> <li>&gt; Heavy-duty, offset pattern</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>6333050</td> <td>39</td> <td>610</td> <td>24</td> <td>1,365</td> </tr> </tbody> </table>   | Code             | No.   | mm | inch           | kg | 6333050 | 39         | 610     | 24               | 1,365 |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| Code  | No.   | mm  | inch             | kg    |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6333050   | 39  | 610   | 24               | 1,365 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| <p><b>8276</b><br/>Balance weight pliers</p>                  | <ul style="list-style-type: none"> <li>&gt; For removing, cutting, and attaching balancing weights</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>6739350</td> <td>8276-250 C</td> <td>250</td> <td>10</td> <td>0,386</td> </tr> </tbody> </table>   | Code             | No.   | mm | inch           | kg | 6739350 | 8276-250 C | 250     | 10               | 0,386 |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| Code  | No.   | mm  | inch             | kg    |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6739350   | 8276-250 C  | 250   | 10               | 0,386 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| <p><b>135</b><br/>Brake spring pliers</p>                     | <ul style="list-style-type: none"> <li>&gt; For drum brakes</li> <li>&gt; With special holder and support crown, particularly suitable for glued brake linings</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>6405300</td> <td>135 13</td> <td>330</td> <td>13</td> <td>0,389</td> </tr> <tr> <td>6405490</td> <td>135 19</td> <td>480</td> <td>19</td> <td>0,956</td> </tr> </tbody> </table>   | Code             | No.   | mm | inch           | kg | 6405300 | 135 13     | 330     | 13               | 0,389 | 6405490 | 135 19   | 480     | 19 | 0,956 |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| Code  | No.   | mm  | inch             | kg    |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6405300   | 135 13  | 330   | 13               | 0,389 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6405490   | 135 19  | 480   | 19               | 0,956 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| <p><b>135</b><br/>Brake spring pliers heavy duty pattern</p>  | <ul style="list-style-type: none"> <li>&gt; for drum brakes</li> <li>&gt; With replaceable spring hook (E-135 20) and protection against blocking</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>5400480</td> <td>E-135 20</td> <td></td> <td></td> <td>0,016</td> </tr> <tr> <td>6400180</td> <td>135 20</td> <td>500</td> <td>20</td> <td>1,058</td> </tr> </tbody> </table>  | Code             | No.   | mm | inch           | kg | 5400480 | E-135 20   |         |                  | 0,016 | 6400180 | 135 20   | 500     | 20 | 1,058 |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| Code  | No.   | mm  | inch             | kg    |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 5400480   | E-135 20  |   |                  | 0,016 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6400180   | 135 20  | 500   | 20               | 1,058 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| <p><b>643</b><br/>Brake caliper brush</p>                     | <ul style="list-style-type: none"> <li>&gt; For cleaning all brake calipers</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>bristle length</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>6531440</td> <td>643</td> <td>225</td> <td>21</td> <td>0,094</td> </tr> </tbody> </table>  | Code             | No.   | mm | bristle length | kg | 6531440 | 643        | 225     | 21               | 0,094 |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| Code  | No.   | mm  | bristle length   | kg    |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6531440   | 643   | 225   | 21               | 0,094 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| <p><b>8726</b><br/>Brake caliper file</p>                     | <ul style="list-style-type: none"> <li>&gt; Removes brake dust and dirt from the brake caliper</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>6770780</td> <td>8726</td> <td>260</td> <td>10</td> <td>0,131</td> </tr> </tbody> </table>   | Code             | No.   | mm | inch           | kg | 6770780 | 8726       | 260     | 10               | 0,131 |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| Code  | No.   | mm  | inch             | kg    |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |
| 6770780   | 8726  | 260   | 10               | 0,131 |    |                |    |         |            |         |                  |       |         |          |         |    |       |         |          |         |    |       |         |          |         |                  |       |         |          |         |    |       |         |      |  |  |      |

**298**  
Oil cans  
plastic



- > No. 298-00 / No. 298-01  
Plastic oiler with sliding brass tube and cap
- > No. 298-02 Single oiler made of plastic material

| Code           | No.    | Litres | Pint |       |
|----------------|--------|--------|------|-------|
| <b>6390010</b> | 298-00 | 0,250  | 1/2  | 0,979 |
| <b>6390280</b> | 298-01 | 0,125  | 1/4  | 0,074 |
| <b>6390360</b> | 298-02 | 0,025  | 1/16 | 0,01  |

**298-04**  
Oil can  
as cast iron



- > Sturdy cast iron design with pump

| Code           | No.    | Litres | Pint |       |
|----------------|--------|--------|------|-------|
| <b>6390520</b> | 298-04 | 0,3    | 5/8  | 0,492 |

**299**  
Drain plug wrench



- > For square plugs on engine sumps and oil drums, in 9 common sizes
- > 5 square spanner widths: 8.7 - 9.5 - 10.5 - 11.5 - 13 mm
- > 4 square cones: 6.8-8.7 - 10.5-13 - 15.2-18 - 16.5-19 mm
- > Screwdriver blade 5.5x18 mm

| Code           | No. | ◀ mm ▶ |       |
|----------------|-----|--------|-------|
| <b>6464580</b> | 299 | 220    | 0,459 |

**36**  
Strap wrench



- > With strong, non-slip fabric strap (E-36), extra wide = 25 mm

| Code           | No.      | ∅ mm | ∅ inch | ◀ mm ▶ | mm |       |
|----------------|----------|------|--------|--------|----|-------|
| <b>6327320</b> | 36 1-140 | 140  | 5.1/2" | 220    | 25 | 0,278 |
| <b>6327400</b> | 36 2-200 | 200  | 8"     | 285    | 25 | 0,578 |

**E-36**  
Spare strap



- > Strong, non-slip fabric strap, extra wide = 25,0 mm

| Code           | No.        | ◀ mm ▶ | mm |       |
|----------------|------------|--------|----|-------|
| <b>5327380</b> | E-36 1-140 | 480    | 25 | 0,062 |
| <b>5327460</b> | E-36 2-200 | 900    | 25 | 0,104 |

**36 Z**  
Special strap wrench

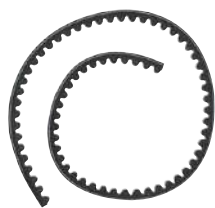


- > For tightening and counter-holding V-belt pulley wheels
- > Spare fabric tape No. E-36 Z

| Code           | No.      | ∅ mm | ∅ inch | ◀ mm ▶ |       |
|----------------|----------|------|--------|--------|-------|
| <b>6320070</b> | 36 Z-140 | 160  | 6"     | 257    | 0,379 |

### E-36 Z

Spare strap



- › Replacement tape for Article 36 Z - 140

| Code           | No.        | ↳ mm | ↳ mm | ↳ kg |
|----------------|------------|------|------|------|
| <b>1380613</b> | E-36 Z-140 | 257  |      | 0,08 |

### 37

Universal filter wrench



- › For all usual oil filters and round screwed unions
- › Adjustable metal strap, nickel-plated
- › No. 37 with operating handle
- › No. 37 V with 1/2" square drive for all 1/2" tools

| Code           | No.  | mm     | ↳ mm | ↳ kg  |
|----------------|------|--------|------|-------|
| <b>6327670</b> | 37   | 80-110 | 285  | 0,349 |
| <b>6327750</b> | 37 V | 80-110 | 150  | 0,265 |

### 654

Valve grinder



- › With automatic reversal of lapping direction
- › For use in hand drills

| Code           | No. | ↳ mm | ∅    | ↳ kg |
|----------------|-----|------|------|------|
| <b>6535270</b> | 654 | 135  | 65,0 | 0,29 |

### 653

Valve lapping tool



- › Whisk model with suction cup No. 652-25
- › Made of beechwood

| Code           | No. | ↳ mm | ∅    | ↳ kg  |
|----------------|-----|------|------|-------|
| <b>6532680</b> | 653 | 225  | 25,0 | 0,065 |

### 652

Spare rubber suction cup for 653 and 654



- › For valve lapper No. 653 and valve grinder No. 654.

| Code           | No.    | ↳ mm | ∅    | ↳ kg  |
|----------------|--------|------|------|-------|
| <b>6530120</b> | 652-20 | 38   | 20,0 | 0,01  |
| <b>6532410</b> | 652-25 | 38   | 25,0 | 0,011 |
| <b>6530200</b> | 652-30 | 38   | 30,0 | 0,012 |
| <b>6530390</b> | 652-37 | 38   | 37,0 | 0,016 |

### 124

Pliers for valve seals



- › For pulling valve shaft sealing rings and removing valve spring supports
- › For VW Audi, BMW, Mercedes, Opel, Ford, Nissan etc.

| Code           | No. | ↳ mm | ↳ inch | ↳ kg  |
|----------------|-----|------|--------|-------|
| <b>6399310</b> | 124 | 250  | 10     | 0,348 |

### 125

Piston ring compressor



- > Made of special spring band steel with infinitely variable fine adjustment
- > With clamping wrench

| Code           | No.   | ∅ mm   | ↳ mm | ↳ inch | kg    |
|----------------|-------|--------|------|--------|-------|
| <b>6396720</b> | 125 0 | 40-75  | 50   | 2      | 0,115 |
| <b>6396800</b> | 125 1 | 57-125 | 80   | 3      | 0,257 |
| <b>6396990</b> | 125 2 | 90-175 | 80   | 3      | 0,294 |
| <b>6397020</b> | 125 3 | 90-175 | 165  | 6.1/2  | 0,548 |

### 126

Piston ring pliers



- > For securely fitting piston rings

| Code           | No.       | ∅ mm    | ↳ mm | ↳ inch | kg    |
|----------------|-----------|---------|------|--------|-------|
| <b>6397370</b> | 126 1-100 | 55-100  | 200  | 8      | 0,296 |
| <b>6397450</b> | 126 2-120 | 80-120  | 240  | 9.1/2  | 0,344 |
| <b>6397530</b> | 126 3-160 | 110-160 | 240  | 9.1/2  | 0,402 |

### 126 0-60

Piston ring pliers



- > With prism holder for secure fitting of piston rings
- > With adjusting screw

| Code           | No.      | ∅ mm  | ↳ mm | ↳ inch | kg    |
|----------------|----------|-------|------|--------|-------|
| <b>6397100</b> | 126 0-60 | 30-60 | 210  | 8.1/4  | 0,158 |

### 127

Piston ring pliers



- > With prism holder for safe piston ring spreading

| Code           | No. | ∅ mm   | ↳ mm | ↳ inch | kg    |
|----------------|-----|--------|------|--------|-------|
| <b>6397610</b> | 127 | 60-160 | 220  | 8.5/8  | 0,207 |

### 132

Hose clamp pliers



- > For self-tightening hose clamps

| Code           | No. | ↳ mm | ↳ inch | kg    |
|----------------|-----|------|--------|-------|
| <b>6399900</b> | 132 | 220  | 8.3/4  | 0,215 |

### 132-2

Hose clamp pliers



- > With rotating v-jaws for spring hose clamps with flat butt ends
- > Opening and closing the clamp without damaging the hose
- > For use on VAG-vehicles (e.g. VW, Audi, Škoda, Seat)

| Code           | No.   | ↳ mm | kg    |
|----------------|-------|------|-------|
| <b>1894382</b> | 132-2 | 207  | 0,192 |








### 132-3

Hose clamp pliers



- > With rigid v-jaws
- > For use on VAG-vehicles (e.g. VW, Audi, Škoda, Seat)

| Code           | No.   | ↳ mm | kg    |
|----------------|-------|------|-------|
| <b>1894390</b> | 132-3 | 195  | 0,165 |

| <p><b>132-4</b><br/>Hose clamp pliers<br/>CLIC</p>  | <ul style="list-style-type: none"> <li>&gt; With rotating retaining pins for CLIC hose clamps</li> <li>&gt; To open or close, just turn the plier by 180°</li> <li>&gt; For rubber and silicone hoses</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th></th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>1894404</b></td> <td>132-4</td> <td>210</td> <td></td> <td>0,181</td> </tr> </tbody> </table>  | Code | No.   | mm              |       | kg | <b>1894404</b> | 132-4    | 210            |      | 0,181 |     |    |     |       |
|---|--|--|------|-------|-----------------|-------|----|----------------|----------|----------------|------|-------|-----|----|-----|-------|
| Code  | No.  | mm   |      | kg    |                 |       |    |                |          |                |      |       |     |    |     |       |
| <b>1894404</b>  | 132-4  | 210  |      | 0,181 |                 |       |    |                |          |                |      |       |     |    |     |       |
| <p><b>132 CLIC</b><br/>Hose clamp pliers</p>        | <ul style="list-style-type: none"> <li>&gt; For CLIC-R hose clamps</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>1396714</b></td> <td>132 CLIC</td> <td>180</td> <td>7</td> <td>0,247</td> </tr> </tbody> </table>  | Code | No.   | mm              | inch  | kg | <b>1396714</b> | 132 CLIC | 180            | 7    | 0,247 |     |    |     |       |
| Code  | No.  | mm   | inch | kg    |                 |       |    |                |          |                |      |       |     |    |     |       |
| <b>1396714</b>  | 132 CLIC   | 180  | 7    | 0,247 |                 |       |    |                |          |                |      |       |     |    |     |       |
| <p><b>134</b><br/>Hose clamp pliers</p>             | <ul style="list-style-type: none"> <li>&gt; With self-adjusting joint, DBGGM (= German utility patent)</li> <li>&gt; Mouth angled</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>6391330</b></td> <td>134</td> <td>180</td> <td>7</td> <td>0,411</td> </tr> </tbody> </table>   | Code | No.   | mm              | inch  | kg | <b>6391330</b> | 134      | 180            | 7    | 0,411 |     |    |     |       |
| Code  | No.  | mm   | inch | kg    |                 |       |    |                |          |                |      |       |     |    |     |       |
| <b>6391330</b>  | 134  | 180  | 7    | 0,411 |                 |       |    |                |          |                |      |       |     |    |     |       |
| <p><b>134 B</b><br/>Hose clamp pliers</p>         | <ul style="list-style-type: none"> <li>&gt; Bowden-cable operation</li> <li>&gt; With self-adjusting joint, DBGGM (= German utility patent)</li> <li>&gt; Mouth angled</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm</th> <th>inch</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>6390950</b></td> <td>134 B</td> <td>180</td> <td>7</td> <td>0,596</td> </tr> </tbody> </table>   | Code | No.   | mm              | inch  | kg | <b>6390950</b> | 134 B    | 180            | 7    | 0,596 |     |    |     |       |
| Code  | No.  | mm   | inch | kg    |                 |       |    |                |          |                |      |       |     |    |     |       |
| <b>6390950</b>  | 134 B  | 180  | 7    | 0,596 |                 |       |    |                |          |                |      |       |     |    |     |       |
| <p><b>4610</b><br/>Car light tester</p>           | <ul style="list-style-type: none"> <li>&gt; For 6-24 Volt</li> <li>&gt; Compact brass model</li> <li>&gt; With cable and alligator crimp</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>Measuring range</th> <th>mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>6698570</b></td> <td>4610</td> <td>6-24</td> <td>125</td> <td>0,069</td> </tr> </tbody> </table>  | Code | No.   | Measuring range | mm    | kg | <b>6698570</b> | 4610     | 6-24           | 125  | 0,069 |     |    |     |       |
| Code  | No.  | Measuring range  | mm   | kg    |                 |       |    |                |          |                |      |       |     |    |     |       |
| <b>6698570</b>  | 4610   | 6-24   | 125  | 0,069 |                 |       |    |                |          |                |      |       |     |    |     |       |
| <p><b>4611</b><br/>Voltage tester</p>             | <p>⊖</p> <ul style="list-style-type: none"> <li>&gt; For 6-24 Volt</li> <li>&gt; With cable and alligator crimp</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>Measuring range</th> <th>mm</th> <th>mm</th> <th>mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>6698650</b></td> <td>4611</td> <td>6-24</td> <td>3,0</td> <td>55</td> <td>115</td> <td>0,026</td> </tr> </tbody> </table> | Code | No.   | Measuring range | mm    | mm | mm             | kg       | <b>6698650</b> | 4611 | 6-24  | 3,0 | 55 | 115 | 0,026 |
| Code  | No.  | Measuring range  | mm   | mm    | mm              | kg    |    |                |          |                |      |       |     |    |     |       |
| <b>6698650</b>  | 4611   | 6-24   | 3,0  | 55    | 115             | 0,026 |    |                |          |                |      |       |     |    |     |       |
| <p><b>4612</b><br/>Voltage tester</p>             | <ul style="list-style-type: none"> <li>&gt; For 3-48 V</li> <li>&gt; LED displays the voltage in the area of 12, 24, 48 V as well as the polarity</li> <li>&gt; With integrated piercing unit for use in places difficult to access</li> <li>&gt; TÜV and GS tested, IEC/EN 61010-1 (DIN VDE 0411)</li> <li>&gt; Protection classification IP40, protection class III</li> </ul> | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>Measuring range</th> <th>mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>1881647</b></td> <td>4612</td> <td>3-48 V</td> <td>145</td> <td>0,12</td> </tr> </tbody> </table>   | Code | No.   | Measuring range | mm    | kg | <b>1881647</b> | 4612     | 3-48 V         | 145  | 0,12  |     |    |     |       |
| Code  | No.  | Measuring range  | mm   | kg    |                 |       |    |                |          |                |      |       |     |    |     |       |
| <b>1881647</b>  | 4612   | 3-48 V   | 145  | 0,12  |                 |       |    |                |          |                |      |       |     |    |     |       |

Workshop Supplies

**121-2**  
Suction cup lifter  
with 2 cups



- > With suction mechanism and safety locking
- > Suction disks fixed
- > Also suitable for transporting slightly textured surfaces
- > Load capacity 60 kg

| Code           | No.   | ∅   |      |
|----------------|-------|-----|------|
| <b>2979276</b> | 121-2 | 120 | 0,58 |

**121-3**  
Suction cup lifter  
with 3 cups



- > Increased lifting safety with 3 fixed suction cups
- > Aluminium blau lackiert
- > Load capacity 100 kg

| Code           | No.   | ∅   |       |
|----------------|-------|-----|-------|
| <b>6390790</b> | 121-3 | 120 | 1,403 |

**121 G**  
Suction cup lifter  
with 2 cups



- > With suction mechanism and safety locking
- > With movable suction cups
- > Especially suitable for curved car windows
- > Load capacity 45 kg

| Code           | No.   | ↳ mm ↲ | ∅   |       |
|----------------|-------|--------|-----|-------|
| <b>6391170</b> | 121 G | 390    | 120 | 0,642 |

**121 G-3**  
Suction cup lifter  
with 3 cups



- > 3 joint heads made of oil and acid resistant ABS plastic
- > Especially suitable for curved panes
- > Load capacity 100 kg

| Code           | No.     | ∅   |       |
|----------------|---------|-----|-------|
| <b>6390870</b> | 121 G-3 | 120 | 1,345 |

**640-120**  
Mini magnetic lifter



- > Flexible thin shaft for smallest gaps

| Code           | No.     | ↳ mm ↲ | Magnet diameter | Ω   |       |
|----------------|---------|--------|-----------------|-----|-------|
| <b>6530630</b> | 640-120 | 400    | 3               | 120 | 0,024 |
| <b>1785338</b> | 640-270 | 400    | 4               | 270 | 0,025 |

**640-500**  
Magnetic lifter



- > With flexible shaft and plastic handle
- > For picking up and holding small magnetic parts
- > Easy handling due to flexible shaft

| Code           | No.      | ↳ mm ↲ | Magnet diameter | Ω     |       |
|----------------|----------|--------|-----------------|-------|-------|
| <b>6531010</b> | 640-500  | 460    | 10,0            | 500   | 0,095 |
| <b>6531280</b> | 640-1800 | 520    | 12,0            | 1.800 | 0,23  |
| <b>6531360</b> | 640-3000 | 520    | 16,5            | 3.000 | 0,275 |




### 641

Claw gripper



- > With flexible shaft for grasping small parts
- > Also suitable for inserting split pins, dowels, etc. in confined areas
- > Max. gripping capacity 14 mm

| Code    | No. | ↳ mm ▷ | ∅   |  |
|---------|-----|--------|-----|---|
| 6531520 | 641 | 540    | 7,0 | 0,103   |

### 642 SP

Magnetic lifter



- > For searching and lifting small metal parts in confined areas
- > If necessary, the magnet can be unscrewed
- > Mirror diameter 30 mm


| Code    | No.    | ↳ mm ▷ | Magnet diameter | Ω   |  |
|---------|--------|--------|-----------------|-----|---|
| 6536750 | 642 SP | 500    | 12              | 350 | 0,172   |

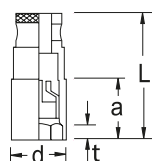
### 50 - 57

Spark plug socket with retention spring



- > For use with actuating tools with 3/8" or 1/2" square drive or rotary pin ∅ 8 mm

| Code    | No. | ∅ mm | ∅ "AF" | " "  | L    | t | a    | d    |  |
|---------|-----|------|--------|------|------|---|------|------|---|
| 6361690 | 50  | 20,8 | 13/16  | 1/2" | 63,5 | 7 | 25,5 | 27,5 | 0,136   |
| 6361770 | 56  | 18,0 |        | 3/8" | 63,5 | 7 | 20,5 | 23,5 | 0,138   |
| 6361930 | 57  | 18,0 |        | 1/2" | 63,5 | 7 | 20,5 | 23,5 | 0,125   |
| 6362740 | 53  | 16,0 |        | 3/8" | 63,5 | 7 | 20,5 | 21,5 | 0,103   |
| 6363040 | 54  | 16   |        | 1/2" | 63,5 | 7 | 20,5 | 21,5 | 0,095   |




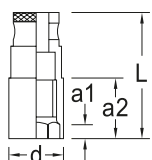
### 50 MH - 57 MH

Spark plug socket with magnet

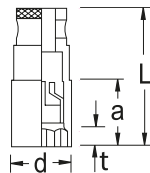


- > For use with actuating tools with 3/8" or 1/2" square drive or rotary pin ∅ 8 mm
- > With powerful magnets in the hexagon surface, which hold the spark plug safely on the hexagon
- > Wide opening gives space to the spark plug and makes it easier to put on the socket in confined areas
- > The ceramic core of the spark plug remains untouched

| Code    | No.   | ∅ mm | ∅ "AF" | " "  | " "  | L  | t | a    | d    |  |
|---------|-------|------|--------|------|------|----|---|------|------|---|
| 6361420 | 50 MH | 20,8 | 13/16  | 1/2" | 12,5 | 64 | 7 | 30,5 | 27,5 | 0,136   |
| 6361500 | 52 MH | 20,8 | 13/16  | 3/8" | 10,0 | 64 | 7 | 30,5 | 27,5 | 0,146   |
| 6361850 | 56 MH | 18,0 |        | 3/8" | 10,0 | 64 | 7 | 30,5 | 23,5 | 0,137   |
| 6362150 | 57 MH | 18,0 |        | 1/2" | 12,5 | 64 | 7 | 30,5 | 23,5 | 0,127   |
| 6363470 | 54 MH | 16,0 |        | 1/2" | 12,5 | 64 | 7 | 30,5 | 21,5 | 0,094   |



**D 55**  
Spark plug socket 3/8"  
UD profile



- > With retention spring
- > For use with operating tools with square drive 10 (3/8") or rotary pin Ø 8 mm

| Code           | No.  | Ø mm | "    | L    | t    | a   | d    | kg   |       |
|----------------|------|------|------|------|------|-----|------|------|-------|
| <b>1793586</b> | D 55 | 14   | 3/8" | 10,0 | 63,5 | 7,0 | 22,5 | 19,2 | 0,068 |

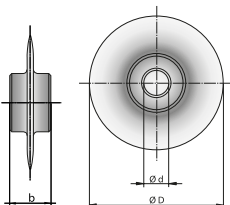
**224**  
Ratchet pipe cutter  
niro



- > Low space requirements, therefore highly suitable for working on vehicle exhaust gas systems
- > Easy handling due to automatic infeed of the cutting wheel at each revolution
- > Spare cutting wheel in addition

| Code           | No.    | Ø mm  | Wall thickness (min./max.) | ↳ mm | kg   |
|----------------|--------|-------|----------------------------|------|------|
| <b>1600877</b> | 224011 | 16-35 | 1,0-3,0                    | 260  | 0,93 |
| <b>1600885</b> | 224021 | 25-66 | 1,0-3,0                    | 360  | 1,8  |

**E 224**  
Cutting wheel



| Code           | No.    | Designation               | Ø D | b   | Ø d | kg    |
|----------------|--------|---------------------------|-----|-----|-----|-------|
| <b>1621440</b> | 224211 | Replacement Cutting Wheel | 26  | 6,3 | 4,8 | 0,007 |

**E 224**  
Wheel bolt  
with saftey ring



| Code           | No.    | Designation                      | kg    |
|----------------|--------|----------------------------------|-------|
| <b>1621459</b> | 224611 | Wheel bolt with circlip size 1 2 | 0,003 |

**4589**  
Chain pipe cutter



- > For pipes with Ø 75 mm and wall thickness 2.6 mm
- > Also suitable for stainless steel pipes

| Code           | No.      | Ø mm max. | Length approx. | kg    |
|----------------|----------|-----------|----------------|-------|
| <b>1446940</b> | 4589     | 80        | 246            | 0,909 |
| <b>1446959</b> | E-4589 A | 75        | 315            | 0,2   |

### 614

Anti-freeze tester



- > For ethylene glycol mixtures
- > Practical, reliable apparatus with high measuring accuracy
- > Easy-to-read scale with degrees Celsius
- > Corrosion-proof

| Code           | No. |  |      |
|----------------|-----|--|------|
| <b>6523770</b> | 614 |  | 0,15 |

### 8134

Installation pliers



- > For spreading of horseshoe pattern circlips of shaft retainers, on motors, gearboxes, clutches, etc.
- > For VW, AUDI and American vehicles

| Code           | No.        | ↳ mm |       |
|----------------|------------|------|-------|
| <b>6722030</b> | 8134-170 C | 170  | 0,191 |

### 269

Bodywork file



- > With light-alloy handle and flexible milled file blades
- > No. 269 K complete with No. 269 F 9

| Code           | No.   | Designation                      |       |
|----------------|-------|----------------------------------|-------|
| <b>6460080</b> | 269 K | Bodywork file complete           | 0,85  |
| <b>6460160</b> | 269 L | Bodywork file without file blade | 0,614 |

### 269 F

Flexible milled file blades



- > For GEDORE corrosserie file No. 269

| Code           | No.      | Teeth " | Version      | ↳ mm |       |
|----------------|----------|---------|--------------|------|-------|
| <b>5460030</b> | 269 F 7  | 7       | extra coarse | 354  | 0,249 |
| <b>5460110</b> | 269 F 9  | 9       | roughly      | 354  | 0,289 |
| <b>5460380</b> | 269 F 12 | 12      | fine         | 354  | 0,303 |

### 252 - 297

Planishing hand anvils



- > In heat-treated steel as per EN 10083
- > Enamelled, with ground faces

| Code           | No. | Dimensions      |       |
|----------------|-----|-----------------|-------|
| <b>6456990</b> | 252 | 72x55x63        | 1,206 |
| <b>6457020</b> | 253 | ∅58,5x60        | 0,844 |
| <b>6457100</b> | 254 | 80x60x33        | 1,07  |
| <b>6457290</b> | 255 | 120x58x23       | 0,942 |
| <b>6457610</b> | 259 | 125x55x25       | 1,028 |
| <b>6461720</b> | 281 | 130x55x36       | 0,933 |
| <b>6461800</b> | 282 | 100x40x80x70x62 | 1,372 |
| <b>6462020</b> | 285 | 111x68x23,5     | 0,999 |
| <b>6463340</b> | 288 | 104x66x25       | 0,987 |

## Workshop Supplies

### 289 - 291 Bodywork spoon



- > In heat-treated steel as per EN 10083
- > Painted blue, worktops sanded

| Code           | No. | ↳ mm › | ↳ "inch › | ⚖️ kg |
|----------------|-----|--------|-----------|-------|
| <b>6463420</b> | 289 | 275    | 11        | 0,545 |
| <b>6463690</b> | 291 | 390    | 16        | 1,014 |

### 292 - 293 Prybar



- > Vanadium steel 31CrV3
- > Painted blue, worktops sanded

| Code           | No. | ↳ mm › | ↳ "inch › | ⚖️ kg |
|----------------|-----|--------|-----------|-------|
| <b>6463770</b> | 292 | 450    | 16        | 1,888 |
| <b>6463850</b> | 293 | 500    | 19        | 2,186 |

### 251 Flat round face hammer



- > With handy ash handle (No. E-251 E)
- > In heat-treated steel as per EN 10083
- > Painted blue, worktops sanded

| Code           | No. | ↳ mm › | ↳ mm | ● mm | ● mm | Spare handle | ⚖️ kg |
|----------------|-----|--------|------|------|------|--------------|-------|
| <b>6456720</b> | 251 | 300    | 155  | 40   | 31   | E-251 E      | 0,497 |

### 261 Planishing hammer



- > With handy ash handle (No. E-261 E)
- > In heat-treated steel as per EN 10083
- > Painted blue, worktops sanded

| Code           | No.     | ↳ mm › | ↳ mm | ● mm | Spare handle | ⚖️ kg |
|----------------|---------|--------|------|------|--------------|-------|
| <b>6457960</b> | 261     | 325    | 160  | 31   | E-261 E      | 0,512 |
| <b>1440934</b> | E-261 E | 325    |      |      |              | 0,125 |

### 272 - 273 Smoothing hammer



- > With handy ash handle (No. E-251 E)
- > In heat-treated steel as per EN 10083
- > Painted blue, worktops sanded

| Code           | No.   | ↳ mm › | ↳ mm | ● mm | ■ mm | Spare handle | ⚖️ kg |
|----------------|-------|--------|------|------|------|--------------|-------|
| <b>6460400</b> | 272   | 300    | 105  | 32   | 25,0 | E-251 H      | 0,306 |
| <b>6460590</b> | 272 K | 300    | 105  | 32   | 25,0 | E-251 H      | 0,322 |
| <b>6460670</b> | 273   | 300    | 100  | 40   | 35,0 | E-251 H      | 0,403 |
| <b>6460750</b> | 273 K | 300    | 100  | 40   | 35,0 | E-251 H      | 0,395 |

### 275 - 276 Embossing-hammer



- > With handy ash handle (No. E-251 E)
- > In heat-treated steel as per EN 10083
- > Painted blue, worktops sanded

| Code           | No. | ↳ mm › | ↳ mm | ● mm | Spare handle | ⚖️ kg |
|----------------|-----|--------|------|------|--------------|-------|
| <b>6461050</b> | 275 | 300    | 160  | 40   | E-251 H      | 0,446 |
| <b>6461130</b> | 276 | 300    | 160  | 40   | E-251 H      | 0,446 |

### 277

Point pein hammer



- > With handy ash handle (No. E-251 E)
- > In heat-treated steel as per EN 10083
- > Painted blue, worktops sanded

| Code           | No. | ↳ mm ▷ | ↳ mm | ● mm | Spare handle | ⚖️    |
|----------------|-----|--------|------|------|--------------|-------|
| <b>6461210</b> | 277 | 300    | 137  | 37   | E-251 H      | 0,331 |

### 278

Planishing / grooving hammer



- > With handy ash handle (No. E-251 E)
- > In heat-treated steel as per EN 10083
- > Painted blue, worktops sanded

| Code           | No. | ↳ mm ▷ | ↳ mm | ● mm | Spare handle | ⚖️    |
|----------------|-----|--------|------|------|--------------|-------|
| <b>6461480</b> | 278 | 300    | 160  | 40   | E-251 H      | 0,406 |

### 260

Bodywork tool set  
8 pieces

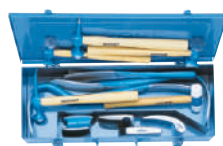


- > Workshop selection
- > Practical set composition

| Code           | No.   | Contents  | Pieces | ⚖️   |
|----------------|-------|---|--------|------|
| <b>6457880</b> | 260   | 251 252 253 254<br>255 281 273 K<br>226 E-2<br>+ WK 260 L | 8      | 7,4  |
| <b>6459150</b> | S 260 | 251 252 253 254<br>255 281 273 K<br>226 E-2               | 8      | 6,66 |

### 280

Bodywork tool set  
12 pieces



- > Large workshop assortment
- > A selection of the most common dent removal tools

| Code           | No.   | Contents  | Pieces | ⚖️    |
|----------------|-------|---|--------|-------|
| <b>6461640</b> | 280   | 272 K 273 K 277<br>278 281 282 288<br>291 292 293 259<br>225 E-32<br>+ WK 280 L | 12     | 16,9  |
| <b>6462290</b> | S 280 | 272 K 273 K<br>225 E 32<br>277 278 281<br>282 288 291<br>292 293 259            | 12     | 11,79 |

### 8532

Offsetting pliers  
with punch



- > Combination pliers for offsetting sheet metal edges up to 1 mm and for punching sheet metal for spot welding
- > Both operations can be carried out with one tool due to the rotatable head
- > One-hand operation without much effort

| Code           | No.  | ● mm | ∅ mm | ↳ mm ▷ | ⚖️    |
|----------------|------|------|------|--------|-------|
| <b>6751130</b> | 8532 | 22   | 5    | 325    | 1,258 |

### 8533

Punch pliers



- > With adjustable stop for punching sheet metal up to 1.5 mm

| Code           | No.  | ● mm   | ∅ mm | ↳ mm ▷ | ⚖️    |
|----------------|------|--------|------|--------|-------|
| <b>6751640</b> | 8533 | bis 30 | 5    | 260    | 0,955 |

**2200 - 2201**  
Letter and number punches



- > To label finished parts such as signs, tools, etc.
- > No. 2200 = 9 numbers, font height 6 mm
- > No. 2201 = 27 letters (A - Z, &), character height 6 mm

| Code           | No.    | mm | mm | kg    |
|----------------|--------|----|----|-------|
| <b>8605140</b> | 2200-6 | 70 | 9  | 0,415 |
| <b>8605220</b> | 2201-6 | 70 | 9  | 1,24  |

**905**  
Creepers



- > Made of PP (polypropylene) - resistant to oils, greases and brake fluid
- > Fatigue-free working, with head/neck cushion for maximum comfort
- > Bucket moulding gives additional hold and allows maximum freedom of movement
- > Load capacity 130 kg

| Code           | No. | L     | H   | W   | kg  |
|----------------|-----|-------|-----|-----|-----|
| <b>1823698</b> | 905 | 1.000 | 115 | 480 | 5,5 |

**907**  
Wing protector



- > Protection from unwanted scratches, dents and dirt
- > Magnetic attachment keeps paintwork safe from damage - also attaches to galvanised steel sheet
- > Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area

| Code           | No. | L     | W   | kg   |
|----------------|-----|-------|-----|------|
| <b>1942956</b> | 907 | 1.100 | 650 | 0,62 |

**906**  
Kneeling board



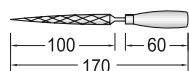
- > Made of solid foam, blue/black
- > With recessed grip

| Code           | No. | L   | H  | W   | kg   |
|----------------|-----|-----|----|-----|------|
| <b>1942948</b> | 906 | 450 | 30 | 210 | 0,11 |

**8729**  
 Contact file


- > In blue PVC tear-off wallet

| Code           | No.  | L   | L " | Slash |       |
|----------------|------|-----|-----|-------|-------|
| <b>6771080</b> | 8729 | 150 | 6   | 2     | 0,009 |

**8728**  
 Key file set  
 6 pieces


- > For special filing work on metal
- > Ideal in tool-making and moulding
- > Consists of flat butt file, triangular file, square file, half-round file, round file
- > in acc. with DIN 7283

| Code           | No.  | Contents  | Pieces |      |
|----------------|------|---|--------|------|
| <b>6771910</b> | 8728 | flat butt file, triangular file, square file, half-round file, round file | 6      | 0,15 |

**8701**  
 Hand file


- > With PVC handle
- > Acc. to DIN 7261 Form A

| Code           | No.       | L   | L " | W  | H | Slash |       |
|----------------|-----------|-----|-----|----|---|-------|-------|
| <b>6768020</b> | 8701 2-6  | 150 | 6   | 16 | 4 | 2     | 0,096 |
| <b>6768100</b> | 8701 2-8  | 200 | 8   | 20 | 6 | 2     | 0,183 |
| <b>6768290</b> | 8701 2-10 | 250 | 10  | 25 | 6 | 2     | 0,323 |

**8719**  
 Triangular file

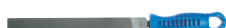

- > With PVC handle
- > Acc. to DIN 7261 Form C

| Code           | No.       | L   | L " | W  | Slash |       |
|----------------|-----------|-----|-----|----|-------|-------|
| <b>6769260</b> | 8719 2-6  | 150 | 6   | 10 | 2     | 0,081 |
| <b>6769340</b> | 8719 2-8  | 200 | 8   | 14 | 2     | 0,177 |
| <b>6769420</b> | 8719 2-10 | 250 | 10  | 17 | 2     | 0,304 |

**8722**  
 Round file


- > With PVC handle
- > Acc. to DIN 7261 Form F

| Code           | No.       | L   | L " | Ø   | Slash |       |
|----------------|-----------|-----|-----|-----|-------|-------|
| <b>6770000</b> | 8722 2-6  | 150 | 6   | 6   | 2     | 0,057 |
| <b>6770190</b> | 8722 2-8  | 200 | 8   | 7,5 | 2     | 0,112 |
| <b>6770270</b> | 8722 2-10 | 250 | 10  | 9,5 | 2     | 0,186 |

**8725**  
 Semicircular workshop file


- > With PVC handle
- > Acc. to DIN 7261 Form E

| Code           | No.       | L   | L " | W  | H   | Slash |       |
|----------------|-----------|-----|-----|----|-----|-------|-------|
| <b>6770350</b> | 8725 2-6  | 150 | 6   | 16 | 4,5 | 2     | 0,091 |
| <b>6770430</b> | 8725 2-8  | 200 | 8   | 20 | 6   | 2     | 0,17  |
| <b>6770510</b> | 8725 2-10 | 200 | 10  | 25 | 7   | 2     | 0,285 |



**8730**  
Deburrer



6,3 1/4"

- > The small, free-turning deburring knife adjusts to the contour of the workpiece and removes burr
- > The small deburring knife can rotate freely to adapt to the contour and remove the burr

| Code           | No.    | Designation           |       |
|----------------|--------|-----------------------|-------|
| <b>2190907</b> | 8730   | Deburrer              | 0,09  |
| <b>2190915</b> | E-8730 | Deburrer bit 1/4" hex | 0,005 |

**644**  
Wire brush



- > With untreated wooden handle, angled pattern, smooth, cast steel wire bristles

| Code           | No. | Version | ↳ mm | bristle length |       |
|----------------|-----|---------|------|----------------|-------|
| <b>6531600</b> | 644 | 3-row   | 290  | 23             | 0,137 |
| <b>6531870</b> | 646 | 6-row   | 290  | 25             | 0,156 |

**645**  
File brush



- > With carded cover and wooden handle
- > bristle field 110 x 40 mm

| Code           | No. | ↳ mm | bristle length |       |
|----------------|-----|------|----------------|-------|
| <b>6531790</b> | 645 | 250  | 10             | 0,095 |

**647 - 648**  
Spark plug brush



- > With brass wire bristles and wooden handle (No. 647) or plastic handle (No. 648)

| Code           | No. | ↳ mm | bristle length |       |
|----------------|-----|------|----------------|-------|
| <b>6531950</b> | 647 | 180  | 15             | 0,022 |
| <b>6532090</b> | 648 | 100  | 14             | 0,009 |

**401**  
Small saw for metal



- > Mini-hacksaw, bright nickel-plated
- > Saw blade No. 401 A

| Code           | No.   | Designation         | ↳ mm | ↳ inch |       |
|----------------|-------|---------------------|------|--------|-------|
| <b>6500050</b> | 401   | Small saw for metal | 350  | 13 3/4 | 0,226 |
| <b>5500000</b> | 401 A | Saw blade           | 200  |        | 0,012 |

**403**  
Hacksaw



- > With adjustable tubular steel frame
- > For 10" and 12" hacksaw blades, complete with No. 403 A-405 A
- > Saw blade, single-sided (No. 403 A-405 A) and double-sided (No. 403 B-405 B)

| Code           | No.         | Designation             | ↳ mm | ↳ inch |       |
|----------------|-------------|-------------------------|------|--------|-------|
| <b>6500210</b> | 403         | Hacksaw                 | 410  | 18 1/2 | 0,411 |
| <b>5500350</b> | 403 A-405 A | Saw blade, single-sided |      |        | 0,028 |
| <b>5500430</b> | 403 B-405 B | Saw blade, double-sided |      |        | 0,041 |

**404**  
Small saw for metal PUK®



- > Saw blade No. 404 A-406 A
- > Bimetal saw blade No. 407 A

| Code           | No.         | Designation             | ↳ mm  | ↳ inch |       |
|----------------|-------------|-------------------------|-------|--------|-------|
| <b>6500480</b> | 404         | Small saw for metal PUK | 390   | 11     | 0,107 |
| <b>5501080</b> | 404 A-406 A | Saw blade               | 1.545 |        | 0,003 |

### 406

Hobby saw



- > For wood and metal
- > Projection 50 mm
- > For pinned hacksaw blades, 145 mm
- > Saw blade No. 404 A-406 A

| Code    | No. | Designation | mm  | inch | kg    |
|---------|-----|-------------|-----|------|-------|
| 6501020 | 406 | Hobby saw   | 250 | 10   | 0,168 |

### 407

Hacksaw



- > For severing metals and steel
- > Practical, tool-free clamping function of the saw blade due to blue clamping element in the handle
- > Captive dowel pins fix the saw blade
- > Bimetal saw blade 407 A

| Code    | No.   | Designation                  | kg   |
|---------|-------|------------------------------|------|
| 1879375 | 407   | Hacksaw                      | 0,66 |
| 1879383 | 407 A | Saw blade bimetal, one-sided | 0,02 |

### 409

Parallel vice



- > Welded, compact design
- > Extra large anvil plate for straightening
- > Protected vice spindle
- > Adjustable guidance

| Code    | No. | mm  | inch | kg    |
|---------|-----|-----|------|-------|
| 6500800 | 409 | 100 | 120  | 7,04  |
| 6500990 | 410 | 150 | 155  | 16,41 |

### 411

Parallel vice



- > Sturdy forged design
- > Protected vice spindle
- > Adjustable guidance

| Code    | No.     | mm  | inch | kg   |
|---------|---------|-----|------|------|
| 6501100 | 411-125 | 125 | 150  | 12,4 |
| 6501290 | 411-150 | 150 | 200  | 17,1 |

### E-411

Spare jaws for parallel vice



| Code    | No.         | Designation               | mm  | kg   |
|---------|-------------|---------------------------|-----|------|
| 5704270 | E-411 R-125 | Pipe clamping jaws 125 mm | 125 | 0,26 |
| 5704350 | E-411 R-150 | Pipe clamping jaws 150 mm | 150 | 0,27 |
| 5704430 | E-411 A-125 | Aluminium jaws 125 mm     | 125 | 0,26 |
| 5704510 | E-411 A-150 | Aluminium jaws 150 mm     | 150 | 0,27 |

### 702

Feeler gauge set, fan pattern



- > With protective handle, folding, blade length 100 mm

| Code    | No.      | inch   | kg    |
|---------|----------|--|-------|
| 6547520 | 702 8 M  | 5 10 15 20 25 30 40 50/100   | 0,037 |
| 6547600 | 702 88 M | 3 4 5 6 7 8 9 10/100   | 0,027 |
| 6547790 | 702 13 M | 5 10 15 20 25 30 40 50 60 70 80 90 100/100                         | 0,065 |
| 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    | 0,1   |
| 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 | 0,068 |
| 6548250 | 702 8 A  | .002 .004 .006 .008 .010 .012 .015 .020"                           | 0,033 |
| 6548680 | 702 13 A | .002 .003 .004 .005 .006 .008 .010 .012 .015 .020 .025 .030 .035"  | 0,055 |

## 703 M

Valve feeler gauge



- > 7 blades, blade length 75 mm

| Code    | No.   |  |  |  |                          |       |
|---------|-------|--|--|--|--------------------------|-------|
| 6549140 | 703 M |  |  |  | 10 15 20 25 30 35 40/100 | 0,011 |

## 705 M

Spark plug gauge



- > With electrode adjuster
- > Gauge wires in precision steel wire

| Code    | No.   | ∅ mm |  |  |                              |       |
|---------|-------|------|--|--|------------------------------|-------|
| 6549570 | 705 M |      |  |  | 40 50 60 70 75 80 90 100/100 | 0,027 |

## 706

Thread gauge



- > 52 leaves
- > For metric and Whitworth threads
- > Pitches 0.25-6.00 mm / 62-4 Step" W

| Code    | No. | Feeler gauge |  |  |             |       |
|---------|-----|--------------|--|--|-------------|-------|
| 6549730 | 706 |              |  |  | 0,25 - 6,00 | 0,083 |

## 710

Pocket vernier calliper



- > Acc. to DIN 862 Form A 2
- > For internal and external measurements, with polished tips, depth gauge and high-speed setting
- > With millimeter and inch graduation, vernier 1/20 and 1/128".
- > In leather wallet

| Code    | No. | ∣ mm ∣ | mm | inch |               |       |
|---------|-----|--------|----|------|---------------|-------|
| 6555030 | 710 |        |    |      | 213 140 5.1/2 | 0,171 |

## 711

Digital measuring calliper



- > Acc. to DIN 862
- > Switchable from millimetres to inches
- > Measuring range: 0 - 150 mm/6"
- > With data output (mini-USB)
- > Zeroing in any position
- > In sturdy plastic case

| Code    | No. | ∣ mm ∣ | mm | inch |           |       |
|---------|-----|--------|----|------|-----------|-------|
| 6550070 | 711 |        |    |      | 230 150 6 | 0,408 |


## 717

Steel rule



- > With millimetre and inch divisions according to DIN ISO 2768
- > Top edge 1/64; 1/32 and 1/16 inch graduation, bottom edge 1/2 mm and 1/1 mm graduation
- > Etched graduation for a legible reading
- > Reading from left to right

| Code    | No.    | ∣ mm ∣ | ∣ inch ∣ |  |        |      |
|---------|--------|--------|----------|--|--------|------|
| 1965603 | 717-30 |        |          |  | 300 12 | 0,01 |

| <p><b>718</b><br/>Inspection mirror</p>                               | <ul style="list-style-type: none"> <li>&gt; For inspection of areas that are not directly visible</li> <li>&gt; Mirror of resistant mineral glass, Ø 30 mm, swivels through 360°</li> <li>&gt; Telescope handle adjusts from 130 to 670 mm</li> </ul> | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>Ø</th> <th>↳ mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>1979841</b></td> <td>718</td> <td>30,0</td> <td>130-670</td> <td>0,04</td> </tr> </tbody> </table>   | Code    | No.  | Ø    | ↳ mm | kg             | <b>1979841</b> | 718 | 30,0  | 130-670        | 0,04     |    |       |
|--|---|---|---------|------|------|------|----------------|----------------|-----|-------|----------------|----------|----|-------|
| Code   | No.   | Ø   | ↳ mm    | kg   |      |      |                |                |     |       |                |          |    |       |
| <b>1979841</b>   | 718   | 30,0  | 130-670 | 0,04 |      |      |                |                |     |       |                |          |    |       |
| <p><b>720</b><br/>Tweezers</p>   | <ul style="list-style-type: none"> <li>&gt; With angled tips</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>↳ mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>6556270</b></td> <td>720</td> <td>155</td> <td>0,025</td> </tr> </tbody> </table>   | Code    | No.  | ↳ mm | kg   | <b>6556270</b> | 720            | 155 | 0,025 |                |          |    |       |
| Code   | No.   | ↳ mm  | kg      |      |      |      |                |                |     |       |                |          |    |       |
| <b>6556270</b>   | 720   | 155   | 0,025   |      |      |      |                |                |     |       |                |          |    |       |
| <p><b>721</b><br/>Cross tweezers</p>                                   | <ul style="list-style-type: none"> <li>&gt; With straight tips</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>↳ mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>6556350</b></td> <td>721</td> <td>160</td> <td>0,033</td> </tr> </tbody> </table>   | Code    | No.  | ↳ mm | kg   | <b>6556350</b> | 721            | 160 | 0,033 |                |          |    |       |
| Code   | No.   | ↳ mm  | kg      |      |      |      |                |                |     |       |                |          |    |       |
| <b>6556350</b>   | 721   | 160   | 0,033   |      |      |      |                |                |     |       |                |          |    |       |
| <p><b>722-1</b><br/>Precision tweezers flat, glare-free</p>          | <ul style="list-style-type: none"> <li>&gt; Flat, fine, long points</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>↳ mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>1881655</b></td> <td>722-1</td> <td>130</td> <td>0,022</td> </tr> </tbody> </table>   | Code    | No.  | ↳ mm | kg   | <b>1881655</b> | 722-1          | 130 | 0,022 |                |          |    |       |
| Code   | No.   | ↳ mm  | kg      |      |      |      |                |                |     |       |                |          |    |       |
| <b>1881655</b>   | 722-1   | 130   | 0,022   |      |      |      |                |                |     |       |                |          |    |       |
| <p><b>722-1 ESD</b><br/>Precision tweezers ESD flat, glare-free</p>  | <p></p> <ul style="list-style-type: none"> <li>&gt; Flat, fine, long points</li> <li>&gt; ESD = electrically conductive</li> </ul>                                 | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>↳ mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>1881663</b></td> <td>722-1 ESD</td> <td>130</td> <td>0,022</td> </tr> </tbody> </table>   | Code    | No.  | ↳ mm | kg   | <b>1881663</b> | 722-1 ESD      | 130 | 0,022 |                |          |    |       |
| Code   | No.   | ↳ mm  | kg      |      |      |      |                |                |     |       |                |          |    |       |
| <b>1881663</b>   | 722-1 ESD   | 130   | 0,022   |      |      |      |                |                |     |       |                |          |    |       |
| <p><b>722-2</b><br/>Precision tweezers</p>                           | <ul style="list-style-type: none"> <li>&gt; Flat, fine points</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>↳ mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>1881671</b></td> <td>722-2</td> <td>95</td> <td>0,01</td> </tr> </tbody> </table>   | Code    | No.  | ↳ mm | kg   | <b>1881671</b> | 722-2          | 95  | 0,01  |                |          |    |       |
| Code   | No.   | ↳ mm  | kg      |      |      |      |                |                |     |       |                |          |    |       |
| <b>1881671</b>   | 722-2   | 95  | 0,01    |      |      |      |                |                |     |       |                |          |    |       |
| <p><b>745</b><br/>Scriber</p>                                        | <ul style="list-style-type: none"> <li>&gt; Made of special steel</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>↳ mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>6559530</b></td> <td>745</td> <td>250</td> <td>0,058</td> </tr> </tbody> </table>   | Code    | No.  | ↳ mm | kg   | <b>6559530</b> | 745            | 250 | 0,058 |                |          |    |       |
| Code   | No.   | ↳ mm  | kg      |      |      |      |                |                |     |       |                |          |    |       |
| <b>6559530</b>   | 745   | 250   | 0,058   |      |      |      |                |                |     |       |                |          |    |       |
| <p><b>746</b><br/>Carbide scriber</p>                                | <ul style="list-style-type: none"> <li>&gt; With drop mechanics</li> <li>&gt; With interchangeable tip No. E-746</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>↳ mm</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td><b>6559610</b></td> <td>746</td> <td>140</td> <td>0,022</td> </tr> <tr> <td><b>5545100</b></td> <td>E-746 35</td> <td>35</td> <td>0,002</td> </tr> </tbody> </table> | Code    | No.  | ↳ mm | kg   | <b>6559610</b> | 746            | 140 | 0,022 | <b>5545100</b> | E-746 35 | 35 | 0,002 |
| Code   | No.   | ↳ mm  | kg      |      |      |      |                |                |     |       |                |          |    |       |
| <b>6559610</b>   | 746   | 140   | 0,022   |      |      |      |                |                |     |       |                |          |    |       |
| <b>5545100</b>   | E-746 35  | 35  | 0,002   |      |      |      |                |                |     |       |                |          |    |       |

**4533-2**

Wood sectioned folding ruler



- > Robust 2 m model with protective caps
- > Links 3.0 x 16 mm
- > Riveted joint guarantees dimensional stability even in extreme humidity or dryness
- > With easy to read metric dual scale
- > Accuracy Class III
- > EC type-approval for continuous mm-pitch

| Code           | No.    | L m |       |
|----------------|--------|-----|-------|
| <b>1837087</b> | 4533-2 | 2   | 0,086 |

**4534**

Steel tape measure



- > With belt clip and rewind stop
- > mm-divisions
- > Yellow steel tape Accuracy Class II

| Code           | No.    | L m | mm |       |
|----------------|--------|-----|----|-------|
| <b>6697920</b> | 4534-3 | 3   | 13 | 0,128 |
| <b>6698060</b> | 4534-5 | 5   | 19 | 0,22  |
| <b>6698140</b> | 4534-8 | 8   | 25 | 0,365 |

**900 20**

Lamp LED Li-MH USB charging connection



- > Versatile deployable LED/UV lamp of a slim design with extra functions
- > Continuously dimmable and switchable in blue-violet from LED to UV light (for tracking leaks.g. in air-conditioners and heat pumps).

- > Charging either via the supplied power pack or a USB interface
- > 620 lumen



| Code           | No.    | L   | H  | W  |       |
|----------------|--------|-----|----|----|-------|
| <b>3108678</b> | 900 20 | 477 | 40 | 50 | 0,295 |

**8552**

Thread extractor set 25 pieces



- > For extracting broken screws and bolts with threads M5 - M16
- > In handy plastic case, with twist drills, guide sleeves, extractor pins and extractor nuts

| Code           | No.      | Contents  | Pieces |      |
|----------------|----------|---|--------|------|
| <b>6755550</b> | 8552-025 | Extracting pins size 1" 2" 3" 4" 5"<br>Drill sleeves size 1" 2" 3" 4" 5" 6" 7" 8" 9" 10"<br>Extraction nuts 10" 11" 13" 14" 17 mm<br>Drill 8.7-11/32" 8-5/16" 6.4-1/4" 4.8-3/16" 3.2-1/8" Drill | 25     | 0,79 |

140  
Thread file

- > For repairing damaged internal and external threads

| Code           | No.   | appropriate for                            | ↳ mm |       |
|----------------|-------|--|------|-------|
| <b>6409640</b> | 140   | 0,80 1,00 1,25 1,50 1,75 2,00 2,50 3,00 mm | 230  | 0,125 |
| <b>6409720</b> | 140 A | 24 20 18 16 14 13 12 11 inch               | 230  | 0,125 |
| <b>6409800</b> | 140 W | 24 20 18 16 14 12 11 10 Whitworth          | 230  | 0,124 |

8551 S  
Bolt-extractor-set

- > For removing broken screws, bolts and tube ends
- > Minimum extraction force torque thanks to the new cross-sectional geometry
- > Reduced drilling depth thanks to an optimised thread length
- > In plastic box

| Code           | No.        | Contents   | Pieces |       |
|----------------|------------|--|--------|-------|
| <b>2659336</b> | 8551 S-005 | 8551 S Bolt extractor M3-M6 M6-M8 M8-M11 M11-M14 M14-M18         | 5      | 0,125 |
| <b>2659344</b> | 8551 S-006 | 8551 S Bolt extractor M3-M6 M6-M8 M8-M11 M11-M14 M14-M18 M18-M24 | 6      | 0,23  |

8551 S  
Bolt-extractor

- > For removing broken screws, bolts and tube ends
- > Minimum extraction force torque thanks to the new cross-sectional geometry
- > Reduced drilling depth thanks to an optimised thread length

| Code           | No.      |           |               | Ø             | Bore |     | ↳ mm |
|----------------|----------|-----------|---------------|---------------|------|-----|------|
| <b>2659352</b> | 8551 S 1 | M3 - M6   | 1/8" - 1/4"   | 1,8 - 7,0 mm  | 1,8  | 2,7 | 50   |
| <b>2659379</b> | 8551 S 2 | M6 - M8   | 1/4" - 5/16"  | 3,2 - 10,0 mm | 3,2  | 3,8 | 57   |
| <b>2659387</b> | 8551 S 3 | M8 - M11  | 5/16" - 7/16" | 4,5 - 13,0 mm | 4,5  | 4,9 | 64   |
| <b>2659395</b> | 8551 S 4 | M11 - M14 | 7/16" - 9/16" | 6,5 - 16,0 mm | 6,5  | 7   | 71   |
| <b>2659409</b> | 8551 S 5 | M14 - M18 | 9/16" - 3/4"  | 8,5 - 21,0 mm | 8,5  | 9   | 79   |
| <b>2659417</b> | 8551 S 6 | M18 - M24 | 3/4" - 1"     | 12,0 mm       | 14   | 12  | 85   |

8551  
Bolt-extractor-set

- > Chrom-vanadium-steel, 54 HRC
- > In transparent plastic box

| Code           | No.     | Contents   | Pieces |       |
|----------------|---------|--|--------|-------|
| <b>6759620</b> | 8551-55 | 8551 Bolt extractor M3-M6 M6-M8 M8-M11 M11-M14 M14-M18                         | 5      | 0,117 |
| <b>6759700</b> | 8551-66 | 8551 Bolt extractor M3-M6 M6-M8 M8-M11 M11-M14 M14-M18 M18-M24                 | 6      | 0,221 |
| <b>6759890</b> | 8551-88 | 8551 Bolt extractor M3-M6 M6-M8 M8-M11 M11-M14 M14-M18 M18-M24 M24-M33 M33-M45 | 8      | 0,724 |

8551  
Bolt-extractor

- > Chrom-vanadium-steel, 54 HRC

| Code           | No.    |           |                 | Ø              | Bore |      | ↳ mm |
|----------------|--------|-----------|-----------------|----------------|------|------|------|
| <b>6758490</b> | 8551 1 | M3 - M6   | 1/8" - 1/4"     | 1,4 - 3,6 mm   | 1,8  | 2,7  | 50   |
| <b>6758570</b> | 8551 2 | M6 - M8   | 1/4" - 5/16"    | 2,1 - 4,9 mm   | 2,6  | 3,8  | 50   |
| <b>6758650</b> | 8551 3 | M8 - M11  | 5/16" - 7/16"   | 3,1 - 5,5 mm   | 3,7  | 4,9  | 65   |
| <b>6758730</b> | 8551 4 | M11 - M14 | 7/16" - 9/16"   | 4,8 - 8,8 mm   | 5,5  | 7    | 70   |
| <b>6758810</b> | 8551 5 | M14 - M18 | 9/16" - 3/4"    | 6,2 - 11,0 mm  | 7    | 9    | 80   |
| <b>6759030</b> | 8551 6 | M18 - M24 | 3/4" - 1"       | 9,4 - 15,0 mm  | 10,3 | 12   | 85   |
| <b>6759110</b> | 8551 7 | M24 - M33 | 1" - 1.3/8"     | 12,7 - 19,0 mm | 13,7 | 14,5 | 95   |
| <b>6759380</b> | 8551 8 | M33 - M45 | 1.3/8" - 1.3/4" | 17,5 - 24,0 mm | 18,6 | 18   | 100  |

**8551 TGZ**

Tool holder  
with ratchet and eyelet



- > With countersunk eyelet for easier alignment of the taps/screw extractor
- > Reversible for clockwise or counterclockwise operation
- > Sliding T-handle
- > With two-jaw chuck to hold square shanks

| Code           | No.        | mm        | M        | mm  |       |
|----------------|------------|-----------|----------|-----|-------|
| <b>3126331</b> | 8551 TGZ-1 | 2,0 - 5,0 | M3 - M8  | 85  | 0,18  |
| <b>3126358</b> | 8551 TGZ-2 | 4,6 - 8,0 | M5 - M12 | 110 | 0,275 |

**8551 TG**

Tool holder  
with ratchet

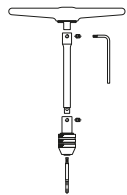


- > Reversible for clockwise or counterclockwise operation
- > Sliding T-handle
- > With two-jaw chuck to hold square shanks

| Code           | No.       | mm         | M         | mm  |      |
|----------------|-----------|------------|-----------|-----|------|
| <b>2659468</b> | 8551 TG-3 | 9,0 - 12,5 | M13 - M20 | 230 | 1,04 |

**8553**

Thread cutting set



- > For internal thread M3 - M6
- > For external threads M3 - M6, max. 40 mm long
- > Ratchet drive system with extension unit
- > Additional guide sleeve for dies to ensure accurately aligned thread cutting along the bar axis, with swarf collector

| Code           | No.  | Contents   | Pieces |      |
|----------------|------|--|--------|------|
| <b>1939068</b> | 8553 | Cross handle ratchet 2093 U-3 T<br>Offset screwdriver 2 mm<br>Extension 1/4".<br>Die holder<br>Clamping head tap holder<br>Grub screw M4x6<br>Washer<br>Guide disk M3 M4 M5 M6<br>Die M3 M4 M5 M6<br>Tap M3 M4 M5 M6 | 19     | 0,51 |

**130**

Three-edged bearing scraper



- > Made of special steel
- > with wooden handle
- > Flanged blade

| Code           | No.     | Spoon |     |     |       |
|----------------|---------|-------|-----|-----|-------|
| <b>8779350</b> | 130-150 | 70    | 150 | 270 | 0,136 |
| <b>8779430</b> | 130-200 | 85    | 200 | 315 | 0,171 |

**131**

Curved bearing scraper  
(Long scraper)  
American version



- > Made of special steel
- > with wooden handle
- > Flanged blade

| Code           | No.     | Spoon |     |     |     |
|----------------|---------|-------|-----|-----|-----|
| <b>8778320</b> | 131-200 | 85    | 200 | 315 | 0,1 |

**132**

Three-edged hollow ground scraper



- > Made of special steel
- > with wooden handle
- > Flanged blade

| Code           | No.     |     |     |       |
|----------------|---------|-----|-----|-------|
| <b>8779130</b> | 132-150 | 150 | 270 | 0,1   |
| <b>8779480</b> | 132-200 | 200 | 315 | 0,163 |
| <b>8779560</b> | 132-250 | 250 | 365 | 0,185 |








### 133 F

Flat scraper



- > Made of special steel
- > with wooden handle
- > Flanged blade






| Code           | No.       | mm  | mm  |  |  |  |
|----------------|-----------|--|--|---|---|---|
| <b>8780490</b> | 133 F-150 | 20,0   | 5,0  | 150   | 270   | 0,19  |
| <b>8780650</b> | 133 F-200 | 20,0   | 5,0  | 200   | 315   | 0,234   |
| <b>8780730</b> | 133 F-250 | 25,0   | 6,0  | 250   | 365   | 0,39  |

### 133 H

Carbide flat scraper



- > Brazed-in carbide plate
- > with wooden handle


| Code           | No.   | mm  | mm  |  |  |  |
|----------------|-------|--|--|---|---|---|
| <b>4523000</b> | 133 H | 30,0   | 5,0  | 250   | 365   | 0,35  |

### 133 D

Gasket scraper



- > Made of special steel
- > with wooden handle
- > Flanged blade

| Code           | No.       |  |  |  |
|----------------|-----------|---|---|---|
| <b>1395262</b> | 133 D-150 | 150   | 260   | 0,12  |

### 133 K

Gasket scraper



- > With blue plastic handle




| Code           | No.   | mm  |  |  |
|----------------|-------|--|---|---|
| <b>6535190</b> | 133 K | 22,5   | 240   | 0,154   |

### 134

Three-edged flat ground scraper



- > Made of special steel
- > with wooden handle
- > Flanged blade





| Code           | No.     |  |  |  |
|----------------|---------|---|---|---|
| <b>8781620</b> | 134-100 | 100   | 200   | 0,072   |
| <b>8781890</b> | 134-150 | 150   | 270   | 0,139   |
| <b>8782000</b> | 134-200 | 200   | 315   | 0,168   |

### 134 K

Three-square scraper

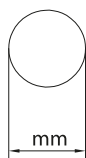


- > With ground edges
- > Shaft PVC coated
- > With black plastic handle

| Code           | No.   | mm  |  |  |  |
|----------------|-------|--|---|---|---|
| <b>4646860</b> | 134 K | 6,0  | 80  | 170   | 0,06  |

### 5700

Arc punches



- > Acc. to DIN 7200 Form A
- > For stamping out cardboard, leather, rubber, sealing materials and other soft materials

| Code           | No.    | Ø mm | Ø inch  | l mm | Code           | No.    | Ø mm | Ø inch    | l mm |
|----------------|--------|------|---------|------|----------------|--------|------|-----------|------|
| <b>4542300</b> | 570002 | 2    | 1/16    | 105  | <b>4545670</b> | 570022 | 22   | 7/8 "     | 160  |
| <b>4542490</b> | 570003 | 3    | 1/8     | 105  | <b>4545750</b> | 570023 | 23   | 29/32 "   | 170  |
| <b>4542570</b> | 570004 | 4    | 5/32    | 105  | <b>4540440</b> | 570024 | 24   | 15/16 "   | 170  |
| <b>4542650</b> | 570005 | 5    | 3/16    | 110  | <b>4618300</b> | 570025 | 25   | 1 "       | 170  |
| <b>4542730</b> | 570006 | 6    | 1/4     | 110  | <b>4618490</b> | 570026 | 26   | 1. 1/32 " | 170  |
| <b>4542810</b> | 570007 | 7    |         | 120  | <b>4618570</b> | 570027 | 27   | 1. 1/16 " | 175  |
| <b>4543030</b> | 570008 | 8    | 5/16 "  | 120  | <b>4618650</b> | 570028 | 28   | 1. 3/32 " | 175  |
| <b>4543110</b> | 570009 | 9    | 11/32 " | 120  | <b>4618730</b> | 570029 | 29   | 1. 1/8 "  | 175  |
| <b>4543380</b> | 570010 | 10   | 3/8 "   | 130  | <b>4618810</b> | 570030 | 30   | 1. 3/16 " | 190  |
| <b>4543460</b> | 570011 | 11   | 7/16 "  | 130  | <b>4619030</b> | 570031 | 31   |           | 190  |
| <b>4543540</b> | 570012 | 12   | 15/32 " | 130  | <b>4619110</b> | 570032 | 32   | 1. 1/4 "  | 190  |
| <b>4543620</b> | 570013 | 13   | 1/2 "   | 140  | <b>4619380</b> | 570033 | 33   |           | 195  |
| <b>4626590</b> | 570014 | 14   | 9/16 "  | 140  | <b>4619460</b> | 570034 | 34   | 1. 5/16 " | 195  |
| <b>4543890</b> | 570015 | 15   | 19/32 " | 140  | <b>4619540</b> | 570035 | 35   | 1. 3/8 "  | 195  |
| <b>4543970</b> | 570016 | 16   | 5/8 "   | 140  | <b>4619620</b> | 570036 | 36   |           | 200  |
| <b>4544000</b> | 570017 | 17   | 21/32 " | 145  | <b>4619700</b> | 570037 | 37   | 1. 7/16 " | 205  |
| <b>4544190</b> | 570018 | 18   | 11/16 " | 145  | <b>4619890</b> | 570038 | 38   | 1. 1/2 "  | 205  |
| <b>4544270</b> | 570019 | 19   | 3/4 "   | 145  | <b>4619970</b> | 570039 | 39   |           | 205  |
| <b>4544350</b> | 570020 | 20   | 25/32 " | 160  | <b>4620040</b> | 570040 | 40   | 1.9/16 "  | 205  |
| <b>4546560</b> | 570021 | 21   | 13/16 " | 160  |                |        |      |           |      |

### 5703

Set of arc punches



- › Acc. to DIN 7200 Form A
- › For stamping out cardboard, leather, rubber, sealing materials and other soft materials
- › In plastic rolling bag

| Code    | No.    | Contents  | Pieces |      |
|---------|--------|---|--------|------|
| 1549502 | 570303 | Arc punch 3, 5, 7, 8, 10, 13, 16, 19, 22, 25 mm | 10     | 1,85 |
| 1549510 | 570304 | Arc punch 3, 6, 8, 10, 12, 16, 20, 25 mm        | 8      | 1,47 |
| 2646382 | 570307 | Arc punch 4, 6, 8, 10, 12, 14, 16 mm            | 7      | 0,96 |

### 1101-5705

Set of arc punches in i-BOXX® 72



- › Acc. to DIN 7200 Form A
- › For stamping out cardboard, leather, rubber, sealing materials and other soft materials
- › In GEDORE i-BOXX® 72 No. 1101 L

| Code    | No.         | Contents  | Pieces |      |
|---------|-------------|---|--------|------|
| 2963469 | 1101-570500 | Hole diameter 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 20, 22 mm+ GEDORE i-BOXX® 72 No. 1101 L | 18     | 3,83 |

### 420

Tin snips



- › Right hand cutting
- › For long straight cuts
- › Berlin pattern
- › Sheet thickness max. 1.0 mm at strength 600 N/mm<sup>2</sup>

| Code    | No.    | Version            | l- mm -l |      |
|---------|--------|--------------------|----------|------|
| 4513980 | 420025 | right hand cutting | 250      | 0,47 |
| 4514010 | 420030 | right hand cutting | 300      | 0,74 |

### 421

Hole cutting snips



- › For short straight and figure cuts (great radii)
- › Sheet thickness max. 1.0 mm at strength 600 N/mm<sup>2</sup>

| Code    | No.    | Version            | l- mm -l |      |
|---------|--------|--------------------|----------|------|
| 4514280 | 421025 | right hand cutting | 250      | 0,49 |
| 4514360 | 421027 | right hand cutting | 275      | 0,52 |

### 422

Ideal pattern snips



- › For straight continuous and figure cuts
- › Sheet thickness max. 1.0 mm at strength 600 N/mm<sup>2</sup>

| Code    | No.    | Version            | l- mm -l |       |
|---------|--------|--------------------|----------|-------|
| 4514870 | 422026 | right hand cutting | 260      | 0,51  |
| 4515090 | 422126 | left hand cutting  | 260      | 0,565 |

### 423

Pelican pattern snips



- › Right hand cutting
- › For long straight continuous and figure cuts
- › Sheet thickness max. 1.0 mm at strength 600 N/mm<sup>2</sup>

| Code    | No.    | Version            | l- mm -l |      |
|---------|--------|--------------------|----------|------|
| 4515250 | 423030 | right hand cutting | 300      | 0,73 |
| 4515330 | 423035 | right hand cutting | 350      | 0,85 |











































































### 424

Ideal pattern snips



- › For straight continuous and figure cuts
- › With lever action
- › Self-opening with installed spring, with lock
- › Sheet thickness max. 1.2 mm at strength 600 N/mm<sup>2</sup>

| Code    | No.    | Version            | l- mm -l |      |
|---------|--------|--------------------|----------|------|
| 4515410 | 424026 | right hand cutting | 260      | 0,53 |
| 4515680 | 424126 | left hand cutting  | 260      | 0,53 |

| <p>425<br/>Figure snips</p>            | <ul style="list-style-type: none"> <li>&gt; For straight continuous and figure cuts</li> <li>&gt; With lever action</li> <li>&gt; Self-opening with installed spring, with lock</li> <li>&gt; Sheet thickness max. 1.2 mm at strength 600 N/mm<sup>2</sup></li> </ul> | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>Version</th> <th>← mm →</th> <th></th> </tr> </thead> <tbody> <tr> <td>4515760</td> <td>425026</td> <td>right hand cutting</td> <td>260</td> <td>0,48</td> </tr> </tbody> </table>  | Code   | No.   | Version   | ← mm →   |    | 4515760 | 425026  | right hand cutting | 260 | 0,48  |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
|--|---|---|--|---|---|--|---|---------|---------|--------------------|-----|-------|---------|---------|-----|-----|-------|---------|---------|-----|-----|-------|---------|---------|-----|-----|-------|
| Code   | No.   | Version   | ← mm →   |    |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 4515760  | 425026  | right hand cutting  | 260  | 0,48  |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| <p>0038<br/>Pocket knife</p>           | <ul style="list-style-type: none"> <li>&gt; Anchor or dinghy knife for heavy-duty use</li> <li>&gt; Collapsible</li> <li>&gt; Extremely sharp</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>9100580</td> <td>0038-08</td> <td>80</td> <td>180</td> <td>0,086</td> </tr> </tbody> </table>  | Code   | No.   |    |    |    | 9100580 | 0038-08 | 80                 | 180 | 0,086 |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| Code   | No.   |    |    |    |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9100580  | 0038-08   | 80  | 180  | 0,086   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| <p>0042<br/>Cable knife</p>            | <ul style="list-style-type: none"> <li>&gt; With wire stripper</li> <li>&gt; Collapsible</li> <li>&gt; Extremely sharp</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>9100660</td> <td>0042-09</td> <td>90</td> <td>195</td> <td>0,076</td> </tr> </tbody> </table>  | Code   | No.   |    |    |    | 9100660 | 0042-09 | 90                 | 195 | 0,076 |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| Code   | No.   |    |    |    |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9100660  | 0042-09   | 90  | 195  | 0,076   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| <p>0063<br/>Cable knife</p>           | <ul style="list-style-type: none"> <li>&gt; With wire stripper</li> <li>&gt; Collapsible</li> <li>&gt; Extremely sharp</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>9101200</td> <td>0063-08</td> <td>80</td> <td>200</td> <td>0,092</td> </tr> </tbody> </table>  | Code   | No.   |    |    |    | 9101200 | 0063-08 | 80                 | 200 | 0,092 |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| Code   | No.   |    |    |    |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9101200  | 0063-08   | 80  | 200  | 0,092   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| <p>0059 - 0067<br/>Pocket knife</p>  | <ul style="list-style-type: none"> <li>&gt; Traditional working knife</li> <li>&gt; Collapsible</li> <li>&gt; Extremely sharp</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>9101120</td> <td>0059-10</td> <td>100</td> <td>210</td> <td>0,102</td> </tr> <tr> <td>9101390</td> <td>0065-09</td> <td>90</td> <td>185</td> <td>0,078</td> </tr> <tr> <td>9101470</td> <td>0067-07</td> <td>70</td> <td>160</td> <td>0,061</td> </tr> </tbody> </table>   | Code   | No.   |  |  |  | 9101120 | 0059-10 | 100                | 210 | 0,102 | 9101390 | 0065-09 | 90  | 185 | 0,078 | 9101470 | 0067-07 | 70  | 160 | 0,061 |         |         |     |     |       |
| Code   | No.   |    |  |  |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9101120  | 0059-10   | 100   | 210  | 0,102   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9101390  | 0065-09   | 90  | 185  | 0,078   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9101470  | 0067-07   | 70  | 160  | 0,061   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| <p>0117<br/>Work knife</p>           | <ul style="list-style-type: none"> <li>&gt; Especially suitable as packaging, carton, storage or paper knife</li> <li>&gt; Extremely sharp</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>9102520</td> <td>0117-10</td> <td>100</td> <td>220</td> <td>0,092</td> </tr> <tr> <td>9102600</td> <td>0117-12</td> <td>120</td> <td>240</td> <td>0,105</td> </tr> <tr> <td>9102790</td> <td>0117-16</td> <td>160</td> <td>280</td> <td>0,125</td> </tr> <tr> <td>9102870</td> <td>0117-18</td> <td>180</td> <td>300</td> <td>0,145</td> </tr> </tbody> </table> | Code   | No.   |  |  |  | 9102520 | 0117-10 | 100                | 220 | 0,092 | 9102600 | 0117-12 | 120 | 240 | 0,105 | 9102790 | 0117-16 | 160 | 280 | 0,125 | 9102870 | 0117-18 | 180 | 300 | 0,145 |
| Code   | No.   |    |  |  |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9102520  | 0117-10   | 100   | 220  | 0,092   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9102600  | 0117-12   | 120   | 240  | 0,105   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9102790  | 0117-16   | 160   | 280  | 0,125   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9102870  | 0117-18   | 180   | 300  | 0,145   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| <p>0246<br/>Industrial knife</p>     | <ul style="list-style-type: none"> <li>&gt; Wide blade with straight back</li> <li>&gt; Extremely sharp</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>9106860</td> <td>0246-16</td> <td>160</td> <td>280</td> <td>0,12</td> </tr> </tbody> </table>  | Code   | No.   |  |  |  | 9106860 | 0246-16 | 160                | 280 | 0,12  |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| Code   | No.   |    |  |  |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9106860  | 0246-16   | 160   | 280  | 0,12  |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| <p>0291<br/>Universal knife</p>      | <ul style="list-style-type: none"> <li>&gt; Universal use</li> <li>&gt; Extremely sharp</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>9107910</td> <td>0291-06</td> <td>60</td> <td>175</td> <td>0,052</td> </tr> </tbody> </table>  | Code   | No.   |  |  |  | 9107910 | 0291-06 | 60                 | 175 | 0,052 |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| Code   | No.   |    |  |  |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |
| 9107910  | 0291-06   | 60  | 175  | 0,052   |   |  |   |         |         |                    |     |       |         |         |     |     |       |         |         |     |     |       |         |         |     |     |       |

Workshop Supplies

**0365**  
Universal knife



> Stainless

| Code           | No.     |    |     |       |
|----------------|---------|----|-----|-------|
| <b>9109290</b> | 0365-07 | 70 | 165 | 0,039 |

**0513**  
Cable knife



> With wire stripper  
> Collapsible  
> Extremely sharp

| Code           | No.     |    |     |      |
|----------------|---------|----|-----|------|
| <b>9113050</b> | 0513-09 | 90 | 195 | 0,08 |

**6952**  
Rescue knife



> For assured cutting, severing and dissecting a wide range of materials  
> High-grade, universal jack knife with extra belt cutter and glass shatterer  
> Tempered blade with partial serration

| Code           | No.        |    |     |     |
|----------------|------------|----|-----|-----|
| <b>3100464</b> | SB 6952-00 | 85 | 203 | 0,2 |

**0175**  
Scraper



> Stamped blade  
> Fine-polished, flexible C75 carbon steel

| Code           | No.     | W   |       |
|----------------|---------|-----|-------|
| <b>9104060</b> | 0175-05 | 50  | 0,079 |
| <b>9104140</b> | 0175-06 | 60  | 0,077 |
| <b>9104300</b> | 0175-10 | 100 | 0,108 |

**0179**  
Scraper



> Professional version  
> Forged throughout  
> Fine-polished, flexible C50 carbon steel

| Code           | No.     | W  |       |
|----------------|---------|----|-------|
| <b>9104730</b> | 0179-06 | 60 | 0,084 |

**1277**  
Industrial scissors professional



> With 2 equal eyes  
> For universal use  
> Adjuster screw for later adjustment





















| Code           | No.     | Size | Length of cutting edge | Total length |       |
|----------------|---------|------|------------------------|--------------|-------|
| <b>9119840</b> | 1277-16 | 6"   | 65                     | 160          | 0,061 |
| <b>9119920</b> | 1277-18 | 7"   | 80                     | 180          | 0,088 |

**8096**  
Small universal scissors



> With insulation stripping slot  
> Nickel plated, blue handle covers

| Code           | No.      | Length of cutting edge | Total length |       |
|----------------|----------|------------------------|--------------|-------|
| <b>6707900</b> | 8096-140 | 50                     | 140          | 0,075 |

| <p><b>920</b><br/>Work gloves FastFit</p>                      | <ul style="list-style-type: none"> <li>&gt; Designed for universal use</li> <li>&gt; Stage 5 classification as per EN 420/03 (scale from 0 - 5)</li> <li>&gt; Rugged imitation leather and synthetic material</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>Glove size</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>1938576</b></td> <td>920 8</td> <td>S/8</td> <td>0,07</td> </tr> <tr> <td><b>1938584</b></td> <td>920 9</td> <td>M/9</td> <td>0,07</td> </tr> <tr> <td><b>1938592</b></td> <td>920 10</td> <td>L/10</td> <td>0,08</td> </tr> <tr> <td><b>1938606</b></td> <td>920 11</td> <td>XL/11</td> <td>0,08</td> </tr> <tr> <td><b>1938614</b></td> <td>920 12</td> <td>XXL/12</td> <td>0,08</td> </tr> </tbody> </table> | Code  | No.   | Glove size |  | <b>1938576</b>  | 920 8          | S/8       | 0,07  | <b>1938584</b> | 920 9 | M/9 | 0,07 | <b>1938592</b> | 920 10 | L/10 | 0,08 | <b>1938606</b> | 920 11 | XL/11 | 0,08 | <b>1938614</b> | 920 12 | XXL/12 | 0,08 |
|--|--|--|---|---|------------|---|---|----------------|-----------|-------|----------------|-------|-----|------|----------------|--------|------|------|----------------|--------|-------|------|----------------|--------|--------|------|
| Code   | No.  | Glove size   |  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938576</b>   | 920 8  | S/8  | 0,07  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938584</b>   | 920 9  | M/9  | 0,07  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938592</b>   | 920 10   | L/10   | 0,08  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938606</b>   | 920 11   | XL/11  | 0,08  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938614</b>   | 920 12   | XXL/12   | 0,08  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <p><b>922</b><br/>Work gloves M-Pact</p>                       | <ul style="list-style-type: none"> <li>&gt; For heavy duty use</li> <li>&gt; Stage 5 classification as per EN 420/03 (scale from 0 - 5)</li> <li>&gt; Rubber reinforced finger tips</li> <li>&gt; Additional knuckle protectors</li> <li>&gt; Rugged imitation leather and synthetic material</li> </ul> | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>Glove size</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>1938738</b></td> <td>922 8</td> <td>S/8</td> <td>0,05</td> </tr> <tr> <td><b>1938746</b></td> <td>922 9</td> <td>M/9</td> <td>0,08</td> </tr> <tr> <td><b>1938754</b></td> <td>922 10</td> <td>L/10</td> <td>0,08</td> </tr> <tr> <td><b>1938762</b></td> <td>922 11</td> <td>XL/11</td> <td>0,09</td> </tr> <tr> <td><b>1938770</b></td> <td>922 12</td> <td>XXL/12</td> <td>0,09</td> </tr> </tbody> </table> | Code  | No.   | Glove size |  | <b>1938738</b>  | 922 8          | S/8       | 0,05  | <b>1938746</b> | 922 9 | M/9 | 0,08 | <b>1938754</b> | 922 10 | L/10 | 0,08 | <b>1938762</b> | 922 11 | XL/11 | 0,09 | <b>1938770</b> | 922 12 | XXL/12 | 0,09 |
| Code   | No.  | Glove size   |  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938738</b>   | 922 8  | S/8  | 0,05  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938746</b>   | 922 9  | M/9  | 0,08  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938754</b>   | 922 10   | L/10   | 0,08  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938762</b>   | 922 11   | XL/11  | 0,09  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1938770</b>   | 922 12   | XXL/12   | 0,09  |   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <p><b>WT 1056 1</b><br/>Heavy-duty belt with cushioning</p>  | <ul style="list-style-type: none"> <li>&gt; Fits waist size from 80 to 120 cm (32"-48")</li> <li>&gt; Strong padding for maximum comfort</li> <li>&gt; Made from leather</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>L</th> <th>W</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>1802410</b></td> <td>WT 1056 1</td> <td>1.330</td> <td>145</td> <td>0,446</td> </tr> </tbody> </table>  | Code  | No.   | L          | W   |    | <b>1802410</b> | WT 1056 1 | 1.330 | 145            | 0,446 |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| Code   | No.  | L  | W   |    |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1802410</b>   | WT 1056 1  | 1.330  | 145   | 0,446   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <p><b>WT 1056 2</b><br/>Universal pouch</p>                  | <ul style="list-style-type: none"> <li>&gt; Leather pocket for knives</li> <li>&gt; Hammer holder with metal hooks</li> <li>&gt; Hook for tape measure</li> </ul>  | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>W</th> <th>H</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>1811096</b></td> <td>WT 1056 2</td> <td>290</td> <td>290</td> <td>0,434</td> </tr> </tbody> </table>  | Code  | No.   | W          | H   |  | <b>1811096</b> | WT 1056 2 | 290   | 290            | 0,434 |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| Code   | No.  | W  | H   |  |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1811096</b>   | WT 1056 2  | 290  | 290   | 0,434   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <p><b>WT 1056 3</b><br/>Drill holster</p>                    | <ul style="list-style-type: none"> <li>&gt; Suitable for drill-machines and battery-drills</li> <li>&gt; With pockets for screws and bits</li> <li>&gt; Securing loop as loss-proof</li> </ul>   | <table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>W</th> <th>H</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>1818147</b></td> <td>WT 1056 3</td> <td>210</td> <td>320</td> <td>0,184</td> </tr> </tbody> </table>  | Code  | No.   | W          | H   |  | <b>1818147</b> | WT 1056 3 | 210   | 320            | 0,184 |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| Code   | No.  | W  | H   |  |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |
| <b>1818147</b>   | WT 1056 3  | 210  | 320   | 0,184   |            |   |   |                |           |       |                |       |     |      |                |        |      |      |                |        |       |      |                |        |        |      |

**WT 1056 4**  
Hammer holder  
with metal hooks



- > Holds any claw hammer at a comfortable angle
- > Enables boundless freedom of movement
- > Hooks stainless steel and swivel

| Code    | No.       | W   | H   |       |
|---------|-----------|-----|-----|-------|
| 1818155 | WT 1056 4 | 100 | 160 | 0,118 |

**WT 1056 5**  
Three-pouch belt set



- > Fits waist size from 80 to 120 cm (32"-48")
- > 4 holsters, 5 storage compartments and 1 hook for tape measure

| Code    | No.       | W   | H   |      |
|---------|-----------|-----|-----|------|
| 1818163 | WT 1056 5 | 690 | 270 | 0,83 |

**WT 1056 6**  
Electricians' pouch



- > Screwdriver holders
- > Extra pocket for insulation stripping knife
- > Holding shackle for insulating tape

| Code    | No.       | W   | H   |       |
|---------|-----------|-----|-----|-------|
| 1818171 | WT 1056 6 | 240 | 320 | 0,424 |

**WT 1056 7**  
Heavy-duty belt set



- > Heavily padded belt for superior comfort when fully loaded
- > Fits waist size from 80 to 120 cm (32"-48")
- > Leather basic belt

| Code    | No.         | Designation         | L     |       |
|---------|-------------|---------------------|-------|-------|
| 1818198 | WT 1056 7   | Heavy-duty belt set | 1.330 | 1,106 |
| 1963171 | WT 1056 7-1 | Mobile phone holder | 250   | 0,052 |

**WT 1056 8**  
Duo pouch




- > Leather pocket for knives
- > 2 large storage compartments

| Code    | No.       | W   | H   |       |
|---------|-----------|-----|-----|-------|
| 1818201 | WT 1056 8 | 240 | 280 | 0,348 |


**WT 1056 9**  
 Roll-up bag


- > With 12 pockets for narrow tools, e.g. ring spanner or screwdriver
- > Delivery without tools

| Code           | No.       | W   | H   |  |
|----------------|-----------|-----|-----|---|
| <b>1818228</b> | WT 1056 9 | 320 | 350 | 0,26  |


**WT 1056 10**  
 Knee pads, pair


- > Made of rubberized, strong synthetic leather
- > Soft lining for comfortable kneeling
- > Velcro fastening
- > Universal size

| Code           | No.        |  |
|----------------|------------|---|
| <b>1818236</b> | WT 1056 10 | 0,18  |


**WT 1056 11**  
 Tool rucksack PROFİ empty


- > With extremely large storage volume
- > Practical and ergonomic arrangement of the internal and external pockets
- > Reinforced back, padded shoulder straps and additional top grip
- > Tear-resistant polyester fabric with 3M reflective stripes, suede

| Code           | No.        | L   | H   | D   |  |
|----------------|------------|-----|-----|-----|---|
| <b>1818244</b> | WT 1056 11 | 300 | 400 | 120 | 2,696   |

**WT 1056 12**  
 Tool rucksack SOFT


- > Soft rucksack, extremely light and yet strong
- > Made of tear-resistant polyester fabric
- > Strong zippers
- > Padded adjustable shoulder straps and additional practical handle on the top

| Code           | No.        | L   | H   | D  |  |
|----------------|------------|-----|-----|----|---|
| <b>1818252</b> | WT 1056 12 | 380 | 410 | 70 | 1,6   |

**WT 1056 13**  
 Tool vest


- > Multifunctional tool vest with many pockets and holsters
- > Universal size, individually infinitely variable width adjustment
- > Tear-resistant polyester fabric with 3M reflective stripes, suede
- > splash-proofed

| Code           | No.        | W   | H   |  |
|----------------|------------|-----|-----|---|
| <b>1818260</b> | WT 1056 13 | 480 | 660 | 0,818   |



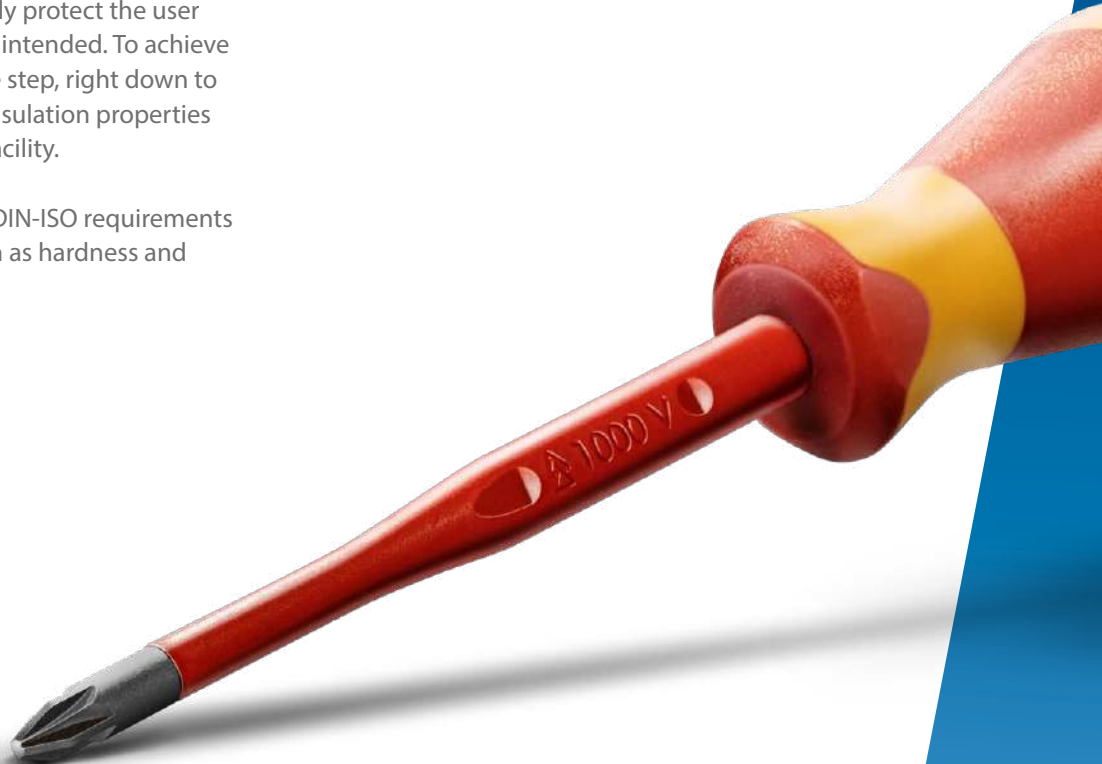
# VDE INSULATED TOOLS

When working on electrical installations or hybrid and electric vehicles safety at work is the top priority. With insulated tools from GEDORE, you are on the safe side.

All VDE safety tools made by GEDORE - from spanners, screwdrivers and pliers to torque wrenches - are manufactured in such a way that they reliably protect the user from electrical shock when used as intended. To achieve this, GEDORE performs every single step, right down to the 100% testing of the electrical insulation properties on the 10,000 V high-voltage test facility.

In addition, all VDE tools meet the DIN-ISO requirements with regard to their properties such as hardness and torque.

GEDORE is not satisfied with just the standard. That is why the tools have intelligent additional functions such as the Check-Tool insulation or the ultra-small blade diameter of the SLIM DRIVE screwdrivers.



## HOW DO I RECOGNISE SAFE INSULATED TOOLS?

- Only tools with all test marks are considered to be insulated
- Additionally marked with the name of the manufacturer, model or type designation and year of manufacture



- Tools marked with the double triangle are individually tested
- Testing at 10,000 V AC based on EN 60900/IEC 60900

1000 V

- VDE insulation: insulated up to 1000 V



- Testing performed by VDE Test Institute
- Compliance with tool and safety standards guaranteed
- Tools meet the requirements of the German equipment safety law



- Tool complies with the Equipment and Product Safety Act (GSPG) according to testing and certification office



# SAFE INSULATED



## SAFE UP TO 1000 VOLT

- VDE insulation: insulated up to 1000 V according to EN 60900/IEC 60900
- Safe working under electrical voltage
- Up to AC 1000 V (alternating voltage)
- Up to DC 1500 V (direct voltage)

## VDE CHECK-TOOL INSULATION

- All GEDORE VDE soft-plastic insulated safety tools have the Check-Tool insulation.
- 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.
- If yellow is visible, it is high time to dispose of the tool



The two-ply  
Check-Tool  
insulation



## Insulated tools

### VDE 2 E

VDE Single ended ring spanner deep offset



- > Vanadium steel 31CrV3
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation

| Code    | No.        |    | ↳ mm ↲ | Code    | No.        |    | ↳ mm ↲ |
|---------|------------|----|--------|---------|------------|----|--------|
| 6035890 | VDE 2E 8   | 8  | 170    | 6036780 | VDE 2 E 17 | 17 | 220    |
| 6035970 | VDE 2E 9   | 9  | 170    | 6036860 | VDE 2 E 19 | 19 | 240    |
| 6036000 | VDE 2 E 10 | 10 | 170    | 6036940 | VDE 2 E 22 | 22 | 260    |
| 6036190 | VDE 2 E 11 | 11 | 180    | 6037080 | VDE 2 E 24 | 24 | 280    |
| 6036270 | VDE 2 E 12 | 12 | 190    | 6037160 | VDE 2 E 27 | 27 | 295    |
| 6036350 | VDE 2 E 13 | 13 | 190    | 6037240 | VDE 2 E 30 | 30 | 310    |
| 6036430 | VDE 2 E 14 | 14 | 210    | 6037320 | VDE 2 E 32 | 32 | 330    |
| 6036510 | VDE 2 E 15 | 15 | 215    |         |            |    |        |

### VDE 894

VDE Single open ended spanner



- > Vanadium steel 31CrV3
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > Jaw set at 15°

| Code    | No.        |    | ↳ mm ↲ | Code    | No.        |    | ↳ mm ↲ |
|---------|------------|----|--------|---------|------------|----|--------|
| 6572040 | VDE 894 9  | 9  | 105    | 6572980 | VDE 894 17 | 17 | 160    |
| 6572120 | VDE 894 10 | 10 | 105    | 6573010 | VDE 894 19 | 19 | 175    |
| 6572200 | VDE 894 11 | 11 | 115    | 6573280 | VDE 894 22 | 22 | 200    |
| 6572390 | VDE 894 12 | 12 | 125    | 6573360 | VDE 894 24 | 24 | 220    |
| 6572470 | VDE 894 13 | 13 | 135    | 6573440 | VDE 894 27 | 27 | 245    |
| 6572550 | VDE 894 14 | 14 | 145    | 6573520 | VDE 894 30 | 30 | 265    |
| 6572630 | VDE 894 15 | 15 | 150    | 6574920 | VDE 894 32 | 32 | 280    |
| 6572710 | VDE 894 16 | 16 | 155    |         |            |    |        |

### V 60 CP

Single open ended spanner adjustable, 1000 V



- > Immersion Insulated
- > piece tested, protective insulation up to 1000 V

| Code    | No.       | Size " | mm | Code    | No.        | Size " | mm |
|---------|-----------|--------|----|---------|------------|--------|----|
| 2179040 | V 60 CP 6 | 6      | 20 | 2179067 | V 60 CP 10 | 10     | 30 |
| 2179059 | V 60 CP 8 | 8      | 25 | 2179075 | V 60 CP 12 | 12     | 36 |

### VDE 2133

VDE Socket wrench with 3C-handle



- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > Insulated up to 1000 V, according to EN 60900/IEC 60900
- > hanging hole on handle for space-saving storage

| Code    | No.         |    |     | Head-Ø | Ø  |      |       |
|---------|-------------|----|-----|--------|----|------|-------|
| 1747045 | VDE 2133 3  | 3  | 125 | 225    | 9  | 8,9  | 0,109 |
| 1747053 | VDE 2133 4  | 4  | 125 | 225    | 10 | 8,9  | 0,111 |
| 1747061 | VDE 2133 5  | 5  | 125 | 225    | 11 | 8,9  | 0,112 |
| 1747088 | VDE 2133 6  | 6  | 125 | 225    | 12 | 8,9  | 0,114 |
| 1747096 | VDE 2133 7  | 7  | 125 | 235    | 14 | 9,9  | 0,152 |
| 1747118 | VDE 2133 8  | 8  | 125 | 235    | 15 | 9,9  | 0,154 |
| 1747126 | VDE 2133 9  | 9  | 125 | 235    | 16 | 9,9  | 0,154 |
| 1747134 | VDE 2133 10 | 10 | 125 | 235    | 17 | 9,9  | 0,161 |
| 1747142 | VDE 2133 11 | 11 | 125 | 254    | 19 | 10,9 | 0,193 |
| 1747150 | VDE 2133 12 | 12 | 125 | 245    | 20 | 10,9 | 0,196 |
| 1747169 | VDE 2133 13 | 13 | 125 | 245    | 21 | 10,9 | 0,199 |
| 1747177 | VDE 2133 14 | 14 | 125 | 245    | 22 | 10,9 | 0,198 |
| 1747185 | VDE 2133 17 | 17 | 125 | 245    | 26 | 10,9 | 0,222 |

### VDE 4508

VDE Torque wrench 5-50 N·m



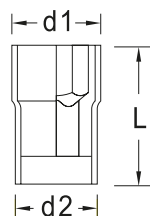
- > Release system triggers a tactile and audible signal
- > Recalibration without destroying the insulation
- > Fine toothed ratchet with square drive as per DIN 3120, ISO 1174

- > Safety button to protect against accidental release of the insert
- > Insulated up to 1000 V, according to EN 60900/IEC 60900

| Code    | No.         | ■ "  | ■ mm | N·m   |     | ↳ mm ↲ |       |
|---------|-------------|------|------|-------|-----|--------|-------|
| 3125335 | VDE 4508-02 | 3/8" | 10   | 5-25  | 1   | 319    | 0,714 |
| 3079066 | VDE 4508-05 | 1/2" | 12,5 | 10-50 | 2,5 | 369    | 0,825 |

### VDE 30

VDE-Socket 3/8"  
hexagon



- > With square drive as per DIN 3120 - C 10, ISO 1174
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > 16 - 18 mm insulation overhang

| Code    | No.       | mm | L  | d1   | d2   | kg    |
|---------|-----------|----|----|------|------|-------|
| 2946386 | VDE 30 6  | 6  | 44 | 13,7 | 23,0 | 0,03  |
| 2946394 | VDE 30 8  | 8  | 44 | 16,1 | 23,0 | 0,035 |
| 2946408 | VDE 30 9  | 9  | 44 |      | 23,0 | 0,035 |
| 2946416 | VDE 30 10 | 10 | 44 | 18,7 | 23,0 | 0,035 |
| 2946424 | VDE 30 11 | 11 | 44 | 20,0 | 23,0 | 0,035 |
| 2946432 | VDE 30 12 | 12 | 44 | 21,2 | 23,0 | 0,04  |
| 2946440 | VDE 30 13 | 13 | 44 | 22,5 | 23,0 | 0,04  |
| 2946459 | VDE 30 14 | 14 | 45 | 23,7 | 23,0 | 0,045 |
| 2946467 | VDE 30 15 | 15 | 46 | 25,0 | 23,0 | 0,05  |
| 2946475 | VDE 30 16 | 16 | 46 | 26,2 | 23,0 | 0,06  |
| 2946483 | VDE 30 17 | 17 | 46 | 27,5 | 23,0 | 0,065 |
| 2946491 | VDE 30 18 | 18 | 46 | 28,7 | 23,0 | 0,075 |
| 2946505 | VDE 30 19 | 19 | 46 | 30,0 | 23,0 | 0,075 |
| 2946513 | VDE 30 20 | 20 | 47 | 31,2 | 23,0 | 0,085 |
| 2946521 | VDE 30 22 | 22 | 48 | 33,7 | 23,0 | 0,105 |

### VDE INX 30

VDE Screwdriver bit  
socket 3/8"  
for multi-point screws  
XZN



- > With square drive as per DIN 3120 - C 10, ISO 1174
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation

| Code    | No.           |     | mm  | kg   |
|---------|---------------|-----|-----|------|
| 2946564 | VDE INX 30 8  | M8  | 120 | 0,08 |
| 2946572 | VDE INX 30 10 | M10 | 120 | 0,11 |
| 2946580 | VDE INX 30 12 | M12 | 120 | 0,14 |

### VDE 3090

VDE-Extension 3/8"



- > For hand-operated sockets with square drive as per DIN 3120, ISO 1174
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > 16 - 18 mm insulation overhang

| Code    | No.        | "    | mm | mm  | kg    |
|---------|------------|------|----|-----|-------|
| 2946548 | VDE 3090-3 | 3/8" | 10 | 75  | 0,097 |
| 2946556 | VDE 3090-6 | 3/8" | 10 | 150 | 0,115 |

### VDE 3093 U

VDE Reversible ratchet 3/8"  
with push-button release



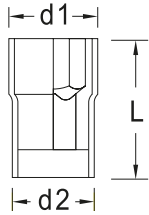
- > Absolutely secure hold of the attachments due to push-button locking with ball in the square drive
- > Direction changed by 2 push-buttons, marked R and L, on the shaft
- > Square drive according to DIN 3120 - A 10, ISO 1174

- > Insulated up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

| Code    | No.        | "    | mm | °   | mm  | kg    |
|---------|------------|------|----|-----|-----|-------|
| 2946599 | VDE 3093 U | 3/8" | 10 | 8,2 | 185 | 0,215 |

Insulated tools

VDE 19  
VDE-Socket 1/2"



- > With square drive as per DIN 3120 - C 12,5, ISO 1174
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > 16 - 18 mm insulation overhang

| Code    | No.       | mm | L    | d1   | d2   | kg    |
|---------|-----------|----|------|------|------|-------|
| 6122510 | VDE 19 10 | 10 | 54   | 19,5 | 27,0 | 0,07  |
| 6122780 | VDE 19 11 | 11 | 54   | 20,7 | 27,0 | 0,067 |
| 6122860 | VDE 19 12 | 12 | 54   | 22,0 | 27,0 | 0,07  |
| 6122940 | VDE 19 13 | 13 | 54   | 23,2 | 27,0 | 0,069 |
| 6123080 | VDE 19 14 | 14 | 54   | 24,5 | 27,0 | 0,073 |
| 6123160 | VDE 19 15 | 15 | 55,5 | 25,7 | 27,0 | 0,088 |
| 1439294 | VDE 19 16 | 16 | 55,5 | 27,0 | 27,0 | 0,086 |
| 6123240 | VDE 19 17 | 17 | 55,5 | 28,2 | 27,0 | 0,084 |
| 6123320 | VDE 19 19 | 19 | 56   | 30,7 | 27,0 | 0,092 |
| 6123400 | VDE 19 22 | 22 | 57,5 | 34,5 | 27,0 | 0,121 |
| 6123590 | VDE 19 24 | 24 | 57,5 | 37,0 | 27,0 | 0,146 |
| 6123670 | VDE 19 27 | 27 | 57,5 | 40,7 | 27,0 | 0,174 |
| 6123750 | VDE 19 30 | 30 | 59   | 44,5 | 27,0 | 0,212 |
| 6123830 | VDE 19 32 | 32 | 60,5 | 47,0 | 27,0 | 0,25  |

VDE IN 19  
VDE Screwdriver bit socket 1/2"  
for in-hex screws



- > With square drive as per DIN 3120 - C 12,5, ISO 1174, with ball retaining groove
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > These inserts can only be combined with No. VDE 1989 T, VDE 1991, VDE 1993 U and VDE 4507

| Code    | No.         | mm | mm  | d  | kg    |
|---------|-------------|----|-----|----|-------|
| 6124480 | VDE IN 19 5 | 5  | 106 | 27 | 0,083 |
| 6124560 | VDE IN 19 6 | 6  | 106 | 27 | 0,095 |
| 6124640 | VDE IN 19 8 | 8  | 106 | 27 | 0,109 |

VDE 1990  
VDE Extension 1/2"



- > For hand-operated sockets with square drive as per DIN 3120, ISO 1174
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > Not suited for use with No. VDE IN 19
- > 16 - 18 mm insulation overhang

| Code    | No.         | "    | mm   | mm  | kg    |
|---------|-------------|------|------|-----|-------|
| 6124050 | VDE 1990-5  | 1/2" | 12,5 | 125 | 0,213 |
| 6124130 | VDE 1990-10 | 1/2" | 12,5 | 250 | 0,411 |

VDE 1991  
VDE Extension 1/2"  
with hollow shaft



- > With hollow shaft, especially suitable for screwdriver bit sockets VDE IN 19
- > Max. torque 370 N-m
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation

| Code    | No.      | "    | mm   | mm  | kg    |
|---------|----------|------|------|-----|-------|
| 1507516 | VDE 1991 | 1/2" | 12,5 | 125 | 0,204 |

### VDE 1988

VDE T-handle  
for 1/2" VDE tools



- > With screw locking, not suited for use with VDE IN 19
- > protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation

| Code    | No.        | "    | mm   | mm  | kg    |
|---------|------------|------|------|-----|-------|
| 6124210 | VDE 1988   | 1/2" | 12,5 | 200 | 0,455 |
| 6124720 | VDE 1989 T | 1/2" | 12,5 | 200 | 0,355 |

### VDE 1993 U

VDE Reversible ratchet 1/2"  
with push-button release

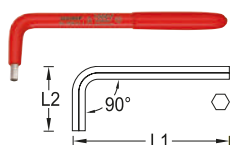


- > secure holding of the attachments due to push-button locking with ball in the square drive
- > Direction changed by 2 push-buttons, marked R and L, on the shaft
- > Square drive according to DIN 3120 - A 12.5, ISO 1174
- > Insulated up to 1000 V, according to EN 60900/IEC 60900

| Code    | No.        | "    | mm   | °  | mm  | kg    |
|---------|------------|------|------|----|-----|-------|
| 6123910 | VDE 1993 U | 1/2" | 12,5 | 10 | 270 | 0,546 |

### VDE 42

VDE Hexagon allen key  
for in-hex screws



- > Acc. to DIN ISO 2936
- > Especially suitable for cable branch clamping rings
- > piece tested, protective insulation up to 1000 V

| Code    | No.     | mm | L1  | L2   | kg    |
|---------|---------|----|-----|------|-------|
| 2324849 | V 42 3  | 3  | 130 | 23,5 | 0,02  |
| 2324857 | V 42 4  | 4  | 120 | 40   | 0,025 |
| 2324865 | V 42 5  | 5  | 140 | 48   | 0,045 |
| 2324873 | V 42 6  | 6  | 140 | 48   | 0,06  |
| 2324881 | V 42 8  | 8  | 150 | 51   | 0,11  |
| 2324903 | V 42 10 | 10 | 220 | 51   | 0,23  |
| 2324911 | V 42 12 | 12 | 260 | 61,5 | 0,35  |

### VDE 42 T

Hexagon allen key  
with T-handle  
for in-hex screws



- > piece tested, protective insulation up to 1000 V
- > With Check-Tool insulation

| Code    | No.       | mm | mm  | mm | kg    |
|---------|-----------|----|-----|----|-------|
| 2661225 | V 42 T 4  | 4  | 160 | x  | 0,145 |
| 2661233 | V 42 T 5  | 5  | 160 | x  | 0,25  |
| 2661241 | V 42 T 6  | 6  | 160 | x  | 0,25  |
| 2661268 | V 42 T 8  | 8  | 160 | x  | 0,26  |
| 2661276 | V 42 T 10 | 10 | 200 | -  | 0,39  |
| 2661284 | V 42 T 11 | 11 | 200 | -  | 0,4   |
| 2661292 | V 42 T 12 | 12 | 200 | -  | 0,42  |

### VDE 2170

VDE Screwdriver  
for slotted head screws



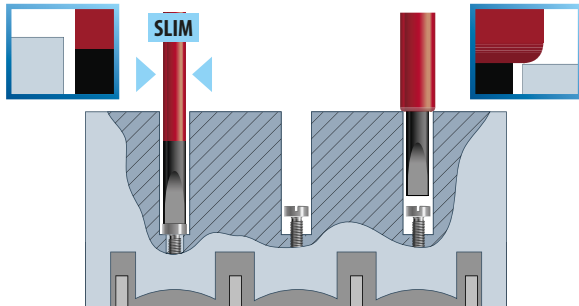
- > individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Tip as per DIN ISO 2380-1 Form B
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > Type of drive marked at end of the handle
- > hanging hole on handle for space-saving storage

| Code    | No.          | mm  | mm  | mm  | kg    |
|---------|--------------|-----|-----|-----|-------|
| 1612220 | VDE 2170 2,5 | 2,5 | 75  | 160 | 0,038 |
| 1612239 | VDE 2170 3   | 3,0 | 100 | 185 | 0,042 |
| 1612247 | VDE 2170 3,5 | 3,5 | 100 | 185 | 0,055 |
| 1612255 | VDE 2170 4   | 4,0 | 100 | 185 | 0,058 |
| 1612271 | VDE 2170 5,5 | 5,5 | 125 | 225 | 0,095 |
| 1612298 | VDE 2170 6,5 | 6,5 | 150 | 260 | 0,134 |
| 1612301 | VDE 2170 8   | 8,0 | 175 | 295 | 0,158 |



# SLIM DRIVE

Easily gets where others get stuck






- Ultra-small blade diameter yet with full mechanical and electrical safety
- No problems in reaching screws deeply embedded in screw shafts
- VDE insulation up to 1000 V, acc. to EN 60900/IEC 60900, fully insulated blade
- 3-component handles Power-Grip<sup>3</sup> with hanging hole
- Ergonomic handle design enables precise and fatigue-free working
- Positive-fit joint of handle and blade for optimum transmission of force
- Type of drive marked at end of the handle
- Blade from GEDORE molybdenum-vanadium-Plus tempered steel

**VDE 2172**  
VDE-Screwdriver SLIM DRIVE  
for slotted head screws






- > individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > Type of drive marked at end of the handle
- > Ultra-small blade diameter yet with full mechanical and electrical safety
- > hanging hole on handle for space-saving storage

| Code           | No.          | ⊖   |  |  |  |
|----------------|--------------|-----|---|--|---|
| <b>2824736</b> | VDE 2172 3,5 | 3,5 | 100   | 185  | 0,055   |
| <b>2824744</b> | VDE 2172 4   | 4,0 | 100   | 185  | 0,055   |
| <b>2824752</b> | VDE 2172 5,5 | 5,5 | 125   | 225  | 0,1   |
| <b>2824760</b> | VDE 2172 6,5 | 6,5 | 150   | 260  | 0,14  |

**V 2160 MS PH 2**  
Screwdriver MaVo  
for cross-head screws PH






- > Non-contact voltage finder and built-in magnetic field tester
- > Voltage fields are displayed in red and magnetic fields in green
- > 3-component handle Power-Grip<sup>3</sup>
- > piece tested, protective insulation up to 1000 V

| Code           | No.            | ⊕ PH |  |  |  |
|----------------|----------------|------|---|--|---|
| <b>2824434</b> | V 2160 MS PH 2 | 2    | 100   | 210  | 0,14  |

**VDE 2160 PH**  
VDE Screwdriver  
for cross-head screws PH



- > individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Tip as per DIN ISO 8764-1 PH
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > Type of drive marked at end of the handle

| Code           | No.           | ⊕ PH |  |  |  |
|----------------|---------------|------|---|--|---|
| <b>1612107</b> | VDE 2160 PH 0 | 0    | 60  | 145  | 0,039   |
| <b>1612115</b> | VDE 2160 PH 1 | 1    | 80  | 180  | 0,082   |
| <b>1612123</b> | VDE 2160 PH 2 | 2    | 100   | 210  | 0,119   |
| <b>1612131</b> | VDE 2160 PH 3 | 3    | 150   | 270  | 0,188   |
| <b>1612158</b> | VDE 2160 PH 4 | 4    | 200   | 320  | 0,269   |



**VDE 2160 PZ**VDE Screwdriver  
for cross-head screws Pozi PZ

- > individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Tip as per DIN ISO 8764-1 PZ

- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > Type of drive marked at end of the handle

| Code           | No.           | PZ |     |     |       |
|----------------|---------------|----|-----|-----|-------|
| <b>1612166</b> | VDE 2160 PZ 0 | 0  | 60  | 145 | 0,038 |
| <b>1612182</b> | VDE 2160 PZ 1 | 1  | 80  | 180 | 0,082 |
| <b>1612190</b> | VDE 2160 PZ 2 | 2  | 100 | 210 | 0,12  |
| <b>1612204</b> | VDE 2160 PZ 3 | 3  | 150 | 270 | 0,188 |
| <b>1612212</b> | VDE 2160 PZ 4 | 4  | 200 | 320 | 0,27  |

**VDE 2162 PH**VDE-Screwdriver SLIM DRIVE  
for cross-head screws PH

- > individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > Type of drive marked at end of the handle
- > Ultra-small blade diameter yet with full mechanical and electrical safety
- > hanging hole on handle for space-saving storage

| Code           | No.           | ⊕ PH |     |     |      |
|----------------|---------------|------|-----|-----|------|
| <b>2824442</b> | VDE 2162 PH 1 | 1    | 80  | 180 | 0,1  |
| <b>2824450</b> | VDE 2162 PH 2 | 2    | 100 | 210 | 0,14 |

**VDE 2162 PZ**VDE-Screwdriver SLIM DRIVE  
for cross-head screws Pozi PZ

- > individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > Type of drive marked at end of the handle
- > Ultra-small blade diameter yet with full mechanical and electrical safety
- > hanging hole on handle for space-saving storage

| Code           | No.           | PZ |     |     |      |
|----------------|---------------|----|-----|-----|------|
| <b>2824469</b> | VDE 2162 PZ 1 | 1  | 80  | 180 | 0,1  |
| <b>2824477</b> | VDE 2162 PZ 2 | 2  | 100 | 210 | 0,14 |

**VDE 2162-2172 PH-02**VDE Screwdriver set SLIM DRIVE  
2 pieces

- > For slotted and cross-head screws PH
- > Ultra-small blade diameter yet with full mechanical and electrical safety
- > Insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade

- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > hanging hole on handle for space-saving storage

| Code           | No.                 | Contents                    | Pieces |       |
|----------------|---------------------|-----------------------------|--------|-------|
| <b>2928736</b> | VDE 2162-2172 PH-02 | VDE 21723,5<br>VDE 2162 PH2 | 2      | 0,195 |

## Insulated tools

### VDE 2162-2172 PZ-06

VDE Screwdriver set SLIM DRIVE  
6 pieces



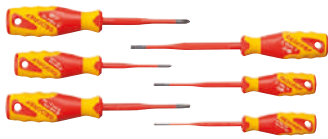
- > For slotted and cross-head screws PZ
- > Ultra-small blade diameter yet with full mechanical and electrical safety
- > Insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade

- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

| Code    | No.                 | Contents                                | Pieces |      |
|---------|---------------------|---|--------|------|
| 2928728 | VDE 2162-2172 PZ-06 | VDE 21723,5 4 5,5 6,5<br>VDE 2162 PZ1 2 | 6      | 0,59 |

### VDE 2162-2172 PM-06

VDE Screwdriver set SLIM DRIVE  
6 pieces



- > For slotted, cross-head PH and plus-minus screws
- > Ultra-small blade diameter yet with full mechanical and electrical safety
- > Insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade

- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > hanging hole on handle for space-saving storage

| Code    | No.                 | Contents   | Pieces |      |
|---------|---------------------|--|--------|------|
| 2928701 | VDE 2162-2172 PM-06 | VDE 21723,5 4 5,5<br>VDE 2162 PH1 2<br>VDE 2164 SL/PH2 | 6      | 0,59 |

### VDE 2164

VDE-Screwdriver SLIM DRIVE PlusMinus  
for Plus-Minus screws



- > individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > Type of drive marked at end of the handle
- > Ultra-small blade diameter yet with full mechanical and electrical safety
- > hanging hole on handle for space-saving storage

| Code    | No.             | ⊕ PH |     |     |      |
|---------|-----------------|------|-----|-----|------|
| 2824817 | VDE 2164 SL/PH1 | 1    | 80  | 180 | 0,1  |
| 2824825 | VDE 2164 SL/PH2 | 2    | 100 | 210 | 0,14 |

### VDE 2163 K

VDE Screwdriver  
for in-hex screws, ball end



- > individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

- > Type of drive marked at end of the handle
- > Working angle approx. 25° in each direction
- > hanging hole on handle for space-saving storage

| Code    | No.            | ⬢   |     |     |       |
|---------|----------------|-----|-----|-----|-------|
| 2824485 | VDE 2163 K 2,5 | 2,5 | 75  | 160 | 0,055 |
| 2824493 | VDE 2163 K 3   | 3   | 75  | 160 | 0,055 |
| 2824507 | VDE 2163 K 4   | 4   | 75  | 160 | 0,055 |
| 2824515 | VDE 2163 K 5   | 5   | 75  | 175 | 0,1   |
| 2824523 | VDE 2163 K 6   | 6   | 100 | 210 | 0,14  |
| 2824531 | VDE 2163 K 8   | 8   | 100 | 220 | 0,222 |

**VDE 2163 TX**  
VDE Screwdriver  
for recessed TX head screws



- > individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort
- > Type of drive marked at end of the handle
- > hanging hole on handle for space-saving storage

| Code    | No.             |     |     |       | Code    | No.             |     |     |       |
|---------|-----------------|-----|-----|-------|---------|-----------------|-----|-----|-------|
| 2824558 | VDE 2163 TXT5   | T5  | 145 | 0,055 | 2824639 | VDE 2163 TXT20  | T20 | 180 | 0,1   |
| 2824574 | VDE 2163 TXT6   | T6  | 145 | 0,1   | 2824647 | VDE 2163 TX T25 | T25 | 180 | 0,1   |
| 2824582 | VDE 2163 TXT7   | T7  | 145 | 0,1   | 2824655 | VDE 2163 TX T27 | T27 | 210 | 0,1   |
| 2824590 | VDE 2163 TX T8  | T8  | 145 | 0,1   | 2824663 | VDE 2163 TX T30 | T30 | 210 | 0,14  |
| 2824604 | VDE 2163 TX T9  | T9  | 145 | 0,1   | 2824671 | VDE 2163 TX T40 | T40 | 270 | 0,14  |
| 2824612 | VDE 2163 TX T10 | T10 | 145 | 0,1   | 2824698 | VDE 2163 TX T45 | T45 | 270 | 0,222 |
| 2824620 | VDE 2163 TX T15 | T15 | 180 | 0,1   |         |                 |     |     |       |

**VDE 2170-2160 PH-077**  
VDE Screwdriver set  
7 pieces



- > For slotted and cross-head screws PH
- > Insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Ergonomic 3-component handle Power-Grip<sup>3</sup> for maximum power with minimum effort

| Code    | No.                  | Contents                          | Pieces |       |
|---------|----------------------|-----------------------------------|--------|-------|
| 1616048 | VDE 2170-2160 PH-077 | slotted 2,5 4 5,5 6,5 mm PH 0 1 2 | 7      | 0,575 |

**VDE 4616**  
Voltage tester 1000 V



- > Voltage 12 V - 1000 V AC/ DC (LED)
- > Acoustic and optical continuity test up to 100 Ω (buzzer/ yellow LED)
- > Direct display without push button operation (high resistance test)
- > Load connection via push-buttons (low-impedance test)
- > Non-contact phase tester/cable break detector (yellow LED flashing)
- > Protection classification IP65, dust-proof, hose-proof
- > Tested and approved acc. to IEC/EN 61243-3:2015
- > Over voltage category CAT IV 600 V, CAT III 1000 V

| Code    | No.      |       |
|---------|----------|-------|
| 3032744 | VDE 4616 | 0,425 |

**4615**  
Voltage tester



- > For 220-250 Volt AC
- > Blade nickel-plated, fully insulated blade conforming to DIN VDE 0680-6
- > No. 4615 3 with metal clip and yellow cap

| Code    | No.      |     |    |     |       |
|---------|----------|-----|----|-----|-------|
| 6699110 | 4615 3   | 3,0 | 60 | 140 | 0,022 |
| 6699380 | 4615 3,5 | 3,5 | 90 | 180 | 0,037 |

## Insulated tools

### V 180 Cable shears



- > Cuts copper and aluminium cables up to 27 mm Ø, solid 200 mm<sup>2</sup>.

- > piece tested, protective insulation up to 1000 V

| Code    | No.      | mm <sup>2</sup> | Ø  | ↳ mm ↲ | ↳ mm ↲ | ↳ kg ↲ |
|---------|----------|-----------------|----|--------|--------|--------|
| 6430330 | V 180 23 | 200             | 27 |        | 620    | 2,125  |

### V 8091 Cable cutter



- > For cutting copper and aluminium cables
- > piece tested, protective insulation up to 1000 V
- > No. V 8091-320: Single-wire cables max. Ø 25 mm (1"), multi-wire cables max. Ø 32 mm (1.1/4")

- > No. V 8091-500: Stranded cables max. Ø 52 mm (2.1/32")



| Code    | No.        | ↳ mm ↲ | ↳ kg ↲ |
|---------|------------|--------|--------|
| 6725130 | V 8091-320 | 280    | 0,792  |
| 6725210 | V 8091-500 | 280    | 0,999  |

### VDE 183 VDE-Plier wrench



- > Adjustable, universal tool for wrenching work, bending, holding, pressing and gripping
- > Smooth jaws for gentle gripping of surface-sensitive workpieces (e.g. chrome-plated screw connections, bathroom fittings)
- > Function of an open-end ratchet
- > 21 setting positions and quick adjustment with automatic engagement function

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > DIN ISO 5743/IEC 60900

| Code    | No.        | Size | ↳ mm ↲ | ↳ mm ↲ | ↳ kg ↲ |
|---------|------------|------|--------|--------|--------|
| 3066088 | VDE 183 10 | 10"  | 268    | 50     | 0,665  |

### VDE 8094 VDE Cable shears with VDE dipped insulation



- > For cutting multi-core copper and aluminium cables up to Ø 20 mm
- > The diameter increases to Ø 25 mm when using rough and finish cuts
- > The handle width remains within the range of ergonomic single-hand operation

- > Not suitable for steel wire and hard copper
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.      | mm <sup>2</sup> | Ø  | ↳ mm ↲ | ↳ inch ↲ | ↳ kg ↲ |
|---------|----------|-----------------|----|--------|----------|--------|
| 6725050 | VDE 8094 | 70              | 20 | 200    | 8.1/2    | 0,423  |

### VDE 8098 VDE Stripping pliers, with VDE dipped insulation



- > Opens automatically, with spring and adjusting screw
- > V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors
- > For wires from 0.8 to 6.0 mm<sup>2</sup>

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.          | L   | L3   | W3   | T1  | mm <sup>2</sup> | ↳ kg ↲ |
|---------|--------------|-----|------|------|-----|-----------------|--------|
| 6708980 | VDE 8098-160 | 160 | 43,5 | 18,5 | 8,5 | 0,8-6,0         | 0,217  |

**VDE 8098 H**

VDE Stripping pliers,  
with VDE insulating sleeves



- > Opens automatically, with spring and adjusting screw
- > V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors
- > For wires from 0.8 to 6.0 mm<sup>2</sup>

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

| Code    | No.            | L   | L3   | W3   | T1  | mm <sup>2</sup> |       |
|---------|----------------|-----|------|------|-----|-----------------|-------|
| 1552074 | VDE 8098-160 H | 160 | 43,5 | 18,5 | 8,5 | 0,8-6,0         | 0,204 |

**VDE 8099**

VDE Stripping pliers STRIP-FIX  
with VDE dipped insulation



- > Self-adjusting, for wires 0.5 - 5.0 mm<sup>2</sup>
- > V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.          | ↳ mm | ↳ inch | mm <sup>2</sup> |       |
|---------|--------------|------|--------|-----------------|-------|
| 6709600 | VDE 8099-160 | 160  | 6.1/2  | 0,5-5,0         | 0,226 |

**VDE 8099 H**

VDE Stripping pliers STRIP-FIX  
with VDE insulating sleeves



- > Self-adjusting, for wires 0.5 - 5.0 mm<sup>2</sup>
- > V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

| Code    | No.            | ↳ mm | ↳ inch | mm <sup>2</sup> |       |
|---------|----------------|------|--------|-----------------|-------|
| 1552082 | VDE 8099-160 H | 160  | 6.1/2  | 0,5-5,0         | 0,211 |

**VDE 146**

VDE Universal pliers  
7 settings



- > With safety box joint and protection against blocking
- > Automatic clamping with offset gripping surfaces
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

- > Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.        | ↳ mm | mm |       |
|---------|------------|------|----|-------|
| 6120140 | VDE 146 10 | 250  | 31 | 0,485 |

**VDE 8131 AB**

VDE Multiple pliers  
with VDE insulating sleeves, angled pattern



- > Pliers in VDE design especially adapted to the needs of electricians
- > Cable cutter, cables up to 5x2.5 mm<sup>2</sup> or Ø 12 mm
- > Stripping blades for wires 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>
- > Crimping profile: Crimping of ferrules

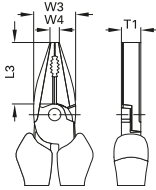
- > Serrated gripping surface
- > Curved pliers tip
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

| Code    | No.               | ↳ mm |       |
|---------|-------------------|------|-------|
| 2910845 | VDE 8131 AB-200 H | 200  | 0,217 |

## Insulated tools

### VDE 8250

VDE Heavy duty combination pliers, with VDE dipped insulation



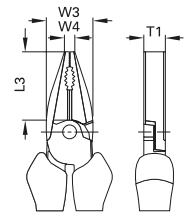
- > Individually tested
- > For round and flat material
- > Extra long blades
- > For all wire types including piano wire, 1.6 mm

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.          | L   | L3   | W3   | W4  | T1   |       |
|---------|--------------|-----|------|------|-----|------|-------|
| 1429582 | VDE 8250-160 | 160 | 35   | 22,8 | 6,0 | 10,4 | 0,236 |
| 6720090 | VDE 8250-180 | 180 | 38,5 | 25,6 | 6,5 | 11,0 | 0,312 |
| 6720250 | VDE 8250-200 | 200 | 40   | 27,0 | 6,0 | 12,0 | 0,365 |
| 6720330 | VDE 8250-225 | 225 | 42   | 27,7 | 6,0 | 13,0 | 0,485 |

### VDE 8250 H

VDE Heavy duty combination pliers, with VDE insulating sleeves



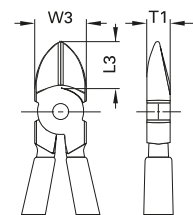
- > Individually tested
- > For round and flat material
- > Extra long blades
- > For all wire types including piano wire, 1.6 mm

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

| Code    | No.            | L   | L3   | W3   | W4  | T1   |       |
|---------|----------------|-----|------|------|-----|------|-------|
| 1550942 | VDE 8250-160 H | 160 | 35   | 22,8 | 5,8 | 10,4 | 0,228 |
| 1550950 | VDE 8250-180 H | 180 | 38,5 | 25,6 | 6,5 | 11,0 | 0,288 |
| 1550969 | VDE 8250-200 H | 200 | 39,5 | 27,0 | 6,5 | 12,4 | 0,369 |

### VDE 8314

VDE Side cutter, with VDE dipped insulation



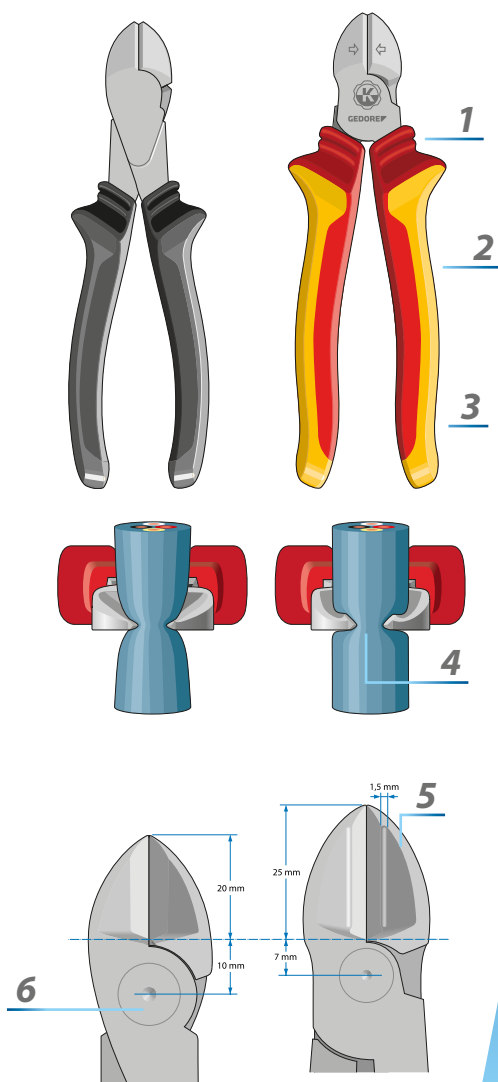
- > Acc. to DIN ISO 5749
- > With slender head, ideal for confined spaces
- > For medium-hard wire 1.6 mm

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.          | L   | L3   | W3   | T1   | Ø   |       |
|---------|--------------|-----|------|------|------|-----|-------|
| 6743540 | VDE 8314-140 | 140 | 18,5 | 18,5 | 9,5  | 1,6 | 0,199 |
| 6743620 | VDE 8314-160 | 160 | 19   | 22,0 | 10,0 | 1,6 | 0,253 |

# i (VDE) 8314-180

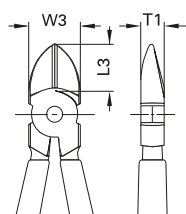
Particularly suitable for electrical installation work



- 1** Max. safety when used under voltages thanks to the long, insulated handle with non-slip mechanism
- 2** Long contoured handle for a heightened transfer of force and improved stable hold particularly with large cable diameters
- 3** Convex handle shape for a high force build-up\*
- 4** Longer XL cutting edges than comparable side cutters allow cables to be cut from a 0 up to 15 mm (5x2,5 mm<sup>2</sup>)
- 5** Stepped cutting edges make "cutting" easier and protect the cutting material
- 6** Power side cutter thanks to a marked transfer of the pivot to the cutter

\* Crowned surfaces/handles - i.e. which are hardly rounded - prevent unfavourable, punctual peak forces. As a result, the force is evenly spread across your hand.

**VDE 8314-180 H**  
VDE Power side cutter with VDE insulating sleeves



- > With slender head, ideal for confined spaces
- > For medium-hard wire 1.6 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Sleeve insulation

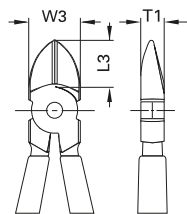
| Code    | No.            | L   | L3 | W3   | T1   | Ø   | kg    |
|---------|----------------|-----|----|------|------|-----|-------|
| 2910950 | VDE 8314-180 H | 185 | 25 | 26,0 | 11,0 | 1,6 | 0,297 |



## Insulated tools

### VDE 8314 H

VDE Side cutter,  
with VDE insulating sleeves



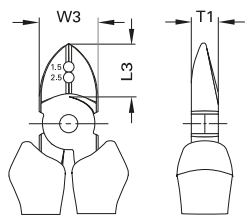
- > With slender head, ideal for confined spaces
- > For medium-hard wire 1.6 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

- > Sleeve insulation

| Code    | No.            | L   | L3   | W3   | T1   | Ø   |       |
|---------|----------------|-----|------|------|------|-----|-------|
| 1552155 | VDE 8314-140 H | 140 | 18,5 | 18,5 | 9,5  | 1,6 | 0,177 |
| 1552163 | VDE 8314-160 H | 160 | 19   | 22,0 | 10,0 | 1,6 | 0,231 |

### VDE 8315 H

VDE Electricians' side cutter  
with VDE insulating sleeves



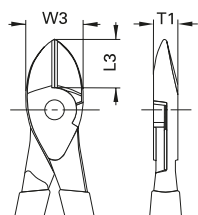
- > Double-function electricians' side cutters: for cutting and stripping wire
- > Stripping holes for solid and stranded conductors with 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup> conductor cross-section

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

| Code    | No.            | L   | L3 | W3   | T1   | Ø   | mm <sup>2</sup>             |       |
|---------|----------------|-----|----|------|------|-----|-----------------------------|-------|
| 1742582 | VDE 8315-160 H | 160 | 19 | 22,0 | 10,0 | 1,6 | 1,5 and 2,5 mm <sup>2</sup> | 0,231 |

### VDE 8316

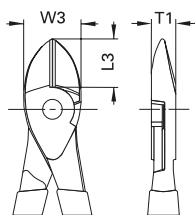
VDE Power side cutter  
with VDE dipped insulation



- > For hard wire/piano wire
- > Max. cutting capacity Ø 1,8 - 2,0 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

- > Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.          | L   | L3   | W3   | T1   | Ø   |       |
|---------|--------------|-----|------|------|------|-----|-------|
| 1429590 | VDE 8316-180 | 180 | 22,6 | 26,0 | 11,0 | 1,8 | 0,285 |
| 6742570 | VDE 8316-200 | 200 | 22   | 28,0 | 11,0 | 2,0 | 0,341 |

**VDE 8316 H**VDE Power side cutter  
with VDE insulating sleeves

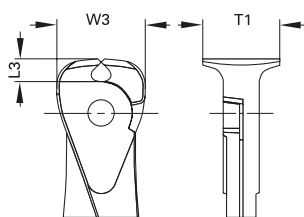
- > For hard wire/piano wire
- > Max. cutting capacity  $\varnothing$  1,4 - 2,0 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

&gt; Sleeve insulation

| Code    | No.            | L   | L3   | W3   | T1   | $\varnothing$ |       |
|---------|----------------|-----|------|------|------|---------------|-------|
| 1550993 | VDE 8316-180 H | 180 | 22,6 | 26,0 | 11,0 | 1,8           | 0,267 |
| 1551000 | VDE 8316-200 H | 200 | 22   | 28,0 | 11,0 | 2,0           | 0,344 |

**VDE 8367**

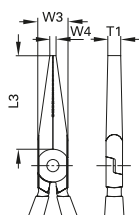
VDE Heavy duty end cutting nippers



- > High leverage for easier work
- > For hard wire/piano wire 1.6 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

&gt; Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.          | L   | L3  | W3   | T1   | $\varnothing$ |      |
|---------|--------------|-----|-----|------|------|---------------|------|
| 2324830 | VDE 8367-160 | 160 | 6,9 | 27,0 | 23,5 | 1,6           | 0,22 |

**VDE 8120**VDE Flat nose pliers  
with VDE dipped insulation

- > With long jaws, serrated gripping faces
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

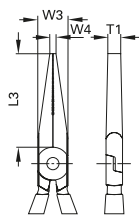
&gt; Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.          | L   | L3 | W3   | W4  | T1  |       |
|---------|--------------|-----|----|------|-----|-----|-------|
| 6715330 | VDE 8120-160 | 160 | 51 | 16,5 | 3,4 | 9,0 | 0,185 |

## Insulated tools

### VDE 8120 H

VDE Flat nose pliers  
with VDE insulating sleeves



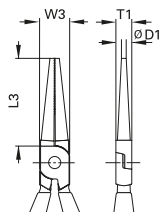
- > With long jaws, serrated gripping faces
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Sleeve insulation

| Code    | No.            | L   | L3 | W3   | W4  | T1  |       |
|---------|----------------|-----|----|------|-----|-----|-------|
| 1552090 | VDE 8120-160 H | 160 | 51 | 16,5 | 3,4 | 9,0 | 0,175 |

### VDE 8122

VDE Round nose pliers  
with VDE dipped insulation



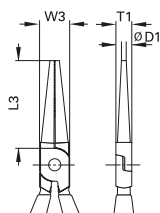
- > With long jaws, serrated gripping faces
- > For gripping and bending
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.          | L   | L3 | W3   | D1  | T1  |      |
|---------|--------------|-----|----|------|-----|-----|------|
| 6717110 | VDE 8122-160 | 160 | 48 | 16,5 | 2,5 | 8,7 | 0,17 |

### VDE 8122 H

VDE Round nose pliers  
with VDE insulating sleeves



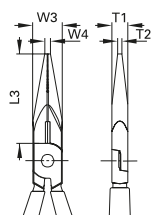
- > With long jaws, serrated gripping faces
- > For gripping and bending
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Sleeve insulation

| Code    | No.            | L   | L3 | W3   | D1  | T1  |       |
|---------|----------------|-----|----|------|-----|-----|-------|
| 1552104 | VDE 8122-160 H | 160 | 48 | 16,5 | 2,5 | 8,7 | 0,154 |

**VDE 8132**

VDE Telephone pliers  
with immersion insulation, straight



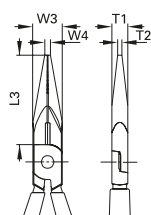
- > Long, flat-round jaws, straight gripping faces, serrated
- > For holding, gripping, bending and cutting

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Immersion insulation: 2-fold Check-Tool insulation

| Code           | No.          | L   | L3   | W3   | W4  | T1  | T2  |       |
|----------------|--------------|-----|------|------|-----|-----|-----|-------|
| <b>6721570</b> | VDE 8132-160 | 160 | 50   | 16,5 | 3,2 | 9,0 | 2,5 | 0,193 |
| <b>6721650</b> | VDE 8132-200 | 200 | 75,7 | 3,7  | 3,7 | 9,5 | 2,8 | 0,248 |

**VDE 8132 H**

VDE Telephone pliers  
with sheath insulation, straight



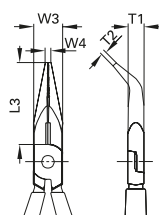
- > Long, flat-round jaws, straight gripping faces, serrated
- > For holding, gripping, bending and cutting

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

| Code           | No.            | L   | L3   | W3   | W4  | T1  | T2  |       |
|----------------|----------------|-----|------|------|-----|-----|-----|-------|
| <b>1552112</b> | VDE 8132-160 H | 160 | 50   | 16,5 | 3,2 | 9,0 | 2,5 | 0,164 |
| <b>1552120</b> | VDE 8132-200 H | 200 | 75,7 | 18,5 | 3,7 | 9,5 | 2,8 | 0,235 |

**VDE 8132 AB**

VDE Telephone pliers  
with immersion insulation, angled



- > Long, flat-round jaws, straight gripping faces, serrated
- > tips 45° angled

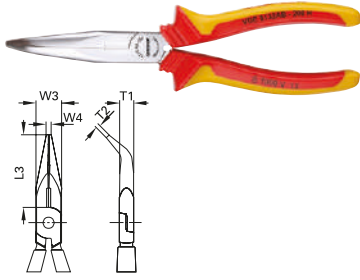
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Immersion insulation: 2-fold Check-Tool insulation

| Code           | No.             | L   | L3   | W3   | W4  | T1  | T2  |       |
|----------------|-----------------|-----|------|------|-----|-----|-----|-------|
| <b>6721730</b> | VDE 8132 AB-160 | 160 | 46   | 16,5 | 3,2 | 9,0 | 2,5 | 0,177 |
| <b>6721810</b> | VDE 8132 AB-200 | 200 | 70,5 | 18,5 | 3,7 | 9,5 | 2,8 | 0,252 |

## Insulated tools

### VDE 8132 AB H

VDE Telephone pliers  
with VDE insulating sleeves, angled pattern



- > Long, flat-round jaws, straight gripping faces, serrated
- > tips 45° angled

- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

| Code    | No.               | L   | L3   | W3   | W4  | T1  | T2  |       |
|---------|-------------------|-----|------|------|-----|-----|-----|-------|
| 1552139 | VDE 8132 AB-160 H | 160 | 46   | 16,5 | 3,2 | 9,0 | 2,5 | 0,173 |
| 1552147 | VDE 8132 AB-200 H | 200 | 70,5 | 18,5 | 3,7 | 9,5 | 2,8 | 0,235 |

### VDE S 8003

VDE Pliers set  
with VDE dipped  
insulation 3 pieces



- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Immersion insulation: 2-fold Check-Tool insulation

| Code    | No.        | Contents                                     | Pieces |      |
|---------|------------|--|--------|------|
| 6708120 | VDE S 8003 | VDE 8132-160<br>VDE 8250-180<br>VDE 8314-160 | 3      | 0,76 |

### VDE S 8003 H

VDE Pliers set  
with VDE insulating  
sleeves 3 pieces



- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

| Code    | No.          | Contents   | Pieces |       |
|---------|--------------|--|--------|-------|
| 1550594 | VDE S 8003 H | VDE 8132-160 H<br>VDE 8250-180 H<br>VDE 8314-160 H | 3      | 0,747 |

### 1101-003 VDE

VDE Tool set  
in i-BOXX® 72, 8 pieces



- > Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, except voltage tester No. 4615
- > In GEDORE i-BOXX® 72

| Code    | No.          | Contents  | Pieces |     |
|---------|--------------|---|--------|-----|
| 1828045 | 1101-003 VDE | VDE 8132-200 H<br>VDE 8250-180 H<br>VDE 8314-160 H<br>VDE 2170 4 5.5<br>VDE 2160 PH 1 2<br>4615 3 | 8      | 2,3 |

### 1102-002 VDE

VDE Pliers set  
3 pieces



- > Practical set composition
- > Sleeve insulation
- > In GEDORE L-BOXX® Mini, incl. divider set

| Code    | No.          | Contents   | Pieces |      |
|---------|--------------|--|--------|------|
| 1692291 | 1102-002 VDE | VDE 8132-160 H<br>VDE 8250-180 H<br>VDE 8314-160 H | 3      | 0,92 |

**1102-004 VDE**VDE Pliers set  
3 pieces

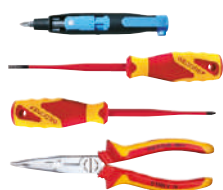
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation
- > In GEDORE L-BOXX® Mini, incl. divider set

| Code           | No.          | Contents   | Pieces |      |
|----------------|--------------|--|--------|------|
| <b>1708244</b> | 1102-004 VDE | VDE 8098-160 H<br>VDE 8250-180 H<br>VDE 8314-160 H | 3      | 0,95 |

**1102-005 VDE**VDE Pliers set  
3 pieces

- > Insulated up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation
- > With VDE Impact diagonal cutter and VDE multiple nose pliers
- > In GEDORE L-BOXX® Mini, including range of dividers

| Code           | No.          | Contents   | Pieces |       |
|----------------|--------------|--|--------|-------|
| <b>2951762</b> | 1102-005 VDE | VDE 8314-180 H<br>VDE 8131 AB-200 H<br>VDE 2162 PZ 1 | 3      | 0,955 |

**1102-006 VDE**VDE Tool set  
4 pieces

- > Insulated up to 1000 V, according to EN 60900/IEC 60900
- > For all usual electric master cabinets incl. multi fitting key
- > In GEDORE L-BOXX® Mini, incl. divider set

| Code           | No.          | Contents  | Pieces |      |
|----------------|--------------|---|--------|------|
| <b>2951770</b> | 1102-006 VDE | VDE 8131 AB-200 H<br>VDE 2172 3,5<br>VDE 2164 SL/PH 2<br>45 E | 4      | 0,86 |

**VDE 1001**VDE Tool set  
14 pieces

- > With practical foam insert in sturdy PVC case
- > Dimensions: 395 x 295 x 106 mm

- > Offset screwdriver No. 42 not insulated

| Code           | No.      | Contents   | Pieces |      |
|----------------|----------|--|--------|------|
| <b>6602560</b> | VDE 1001 | VDE 19 10 12 13 14 17 19 22 24<br>VDE 1993 U<br>VDE 1990-5-10<br>VDE 1989 T<br>VDE 2170 5,5 42,2,5 | 14     | 3,46 |

## Insulated tools

### 1100-1094

VDE tool assortment HYBRID  
53 pieces



- > The perfect range of tools for repair and maintenance work on hybrid and electric vehicles
- > Suitable for vehicles of all manufacturers

- > All tools insulated according to EN 60900/EC 60900
- > In GEDORE L-BOXXÁ® 136

| Code    | No.       | Contents   | Pieces |      |
|---------|-----------|--|--------|------|
| 2979063 | 1100-1094 | 3/8" VDE socket wrench insert No. VDE 30, SW 6 8 9 10 11 12 13 14 15 16 17 18 19 20 22 mm<br>3/8" VDE screwdriver bit socket No. VDE INX 30, SW 8 10 12 mm<br>3/8" VDE extension No. VDE 3090 -3 -6, 75 150 mm<br>3/8" VDE reversible ratchet No. VDE 3093 U<br>VDE Screwdriver slot No. VDE 2170, 2.5 3.5 4 5.5 mm<br>VDE Screwdriver Cross-recess No. VDE 2160 PH 1 2 3<br>VDE Screwdriver TX No. VDE 2163 TX T20 T25 T30<br>VDE cable cutter No. VDE 8094, 200 mm<br>VDE Universal pliers No. VDE 146 10, 10".<br>VDE Power combination pliers No. VDE 8250-200 H, 200 mm<br>2-component handle VDE Power side cutter No. VDE 8314-180 H, 180 mm<br>VDE Flat nose pliers No. VDE 8132 AB-200 JC, 200 mm angled<br>2-component handle VDE Flat nose pliers No. VDE 8120-160 H, 160 mm<br>2-component handle VDE cable knife No. VDE 4522, 180 mm<br>Counter sleeve No. V 914, size 1 2 3 | 53     | 8,28 |

### 1041-003

VDE Tool assortment in case  
74 pieces



- > A practical assortment for on-site use
- > Packed in a strong plastic case made from impact-proof ABS
- > Sturdy aluminium frame

| Code    | No.      | Contents  | Pieces |      |
|---------|----------|---|--------|------|
| 3082156 | 1041-003 | Combination wrench No. 7, SW 10 13 17 19 22 mm 1/4"<br>Adjustable open-end wrench No. 60 P 8, 8".<br>Bit socket wrench box No. 666-U-20, with ratchet 35 pcs<br>Offset screwdriver set No. PH 42-88, SW 2 2.5 3 4 5 6 8 10 mm<br>VDE Screwdriver slot No. VDE 2170, 3 3.5 4 5.5 6.5 8 mm<br>VDE Screwdriver cross-head No. 2160 PH 0 1 2<br>VDE Wire stripper VDE 8098-160 H<br>VDE Multi-pliers No. VDE 8131 AB-200 H<br>VDE Power combination pliers No. VDE 8250-180 H<br>VDE Power side cutters No. VDE 8316-180 H<br>VDE Universal pliers No. VDE 146 10, 10".<br>VDE Cable knife No. VDE 4522, 180 mm<br>Cable knife No. 0513-09, blade L.90mm<br>Voltage Detector Slot No. 4615 3, 220-250 V, 3mm<br>Non-return soft-face and engineer's hammer KOMBI-PLUS R 247 H-30<br>Percussion tool set No. 106, 6 pcs.<br>Steel tape measure No. 4534-3, tape L. 3 m<br>Volume tool case WK 1041 L | 74     | 10,3 |



### VDE 910

VDE Rubber cover sheet

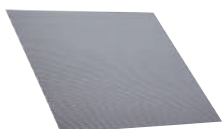


- > VDE protective equipment according to VDE 0680 part 1
- > Thickness: 1.6 mm
- > Rolled storage prevents from cracking!

| Code           | No.         | L     | W     |      |
|----------------|-------------|-------|-------|------|
| <b>1826816</b> | VDE 910 13  | 130   | 130   | 0,04 |
| <b>1826832</b> | VDE 910 25  | 250   | 350   | 0,21 |
| <b>1827030</b> | VDE 910 50  | 500   | 500   | 0,43 |
| <b>1828193</b> | VDE 910 60  | 600   | 600   | 0,7  |
| <b>1828207</b> | VDE 910 100 | 1.000 | 1.000 | 1,8  |
| <b>1828215</b> | VDE 910 120 | 1.200 | 1.200 | 2,95 |

### VDE 911

VDE Insulation mat



- > VDE protective equipment according to VDE 0303
- > Thickness: 4.5 mm
- > Rolled storage prevents from cracking!

| Code           | No.        | L      | W     |       |
|----------------|------------|--------|-------|-------|
| <b>1828258</b> | V 911 100  | 1.000  | 1.000 | 0,006 |
| <b>1828266</b> | V 911 1000 | 10.000 | 1.000 | 0,06  |

### VDE 912

VDE-electricians' safety-gloves



- > Acc. to DIN EN 60903
- > Made of natural latex
- > Suitable up to 1000 V

| Code           | No.      |       |
|----------------|----------|-------|
| <b>1828274</b> | V 912 9  | 0,215 |
| <b>1828282</b> | V 912 10 | 0,215 |

### VDE 912

Under-gloves for VDE 912



- > Made of cotton
- > For use with electrician's protective gloves No. V 912 9 and 10
- > Universal size

| Code           | No.      |      |
|----------------|----------|------|
| <b>1828290</b> | V 912 50 | 0,05 |

### V 915

NH-Fuse insertion glove with sleeve



- > To work on NH fuse inserts sizes 00 to 3
- > To insert and remove low-tension high-performance fuses (NH fuse inserts)
- > With contact blades to DIN 43620 Part 1, sizes 00 - 3 for nominal voltage to 600 V alternating voltage

| Code           | No.   |      |
|----------------|-------|------|
| <b>2661314</b> | V 915 | 0,46 |

## Insulated tools

### V 913 VDE Plastic clamp 1000 V



- > For fixing and joining plastic clamps
- > Inserted steel spring which externally cannot be accessed
- > Suitable up to 1000 V

| Code    | No.       | l mm | kg    |
|---------|-----------|------|-------|
| 1828304 | V 913 80  | 80   | 0,03  |
| 1828312 | V 913 160 | 160  | 0,075 |

### VDE 914 Meter connection fittings



- > For insulating single cores
- > Conical form
- > Made of tough elastic plastic

| Code    | No.     | l mm | Ø    | kg    |
|---------|---------|------|------|-------|
| 2324938 | V 914 1 | 80   | 10,0 | 0,005 |
| 2324946 | V 914 2 | 80   | 10,0 | 0,005 |
| 2324954 | V 914 3 | 80   | 10,0 | 0,005 |

### V 917 Cable splitting wedge



- > Insulated according to IEC 60900
- > Suitable for mounting cable feeder terminals and splaying primary conductor cables
- > Assistance when cutting cable cores, no slipping

| Code    | No.   | kg   |
|---------|-------|------|
| 2661462 | V 917 | 0,16 |

### VDE 4522 VDE Cable knife



- > Strong, straight blade made from hardened and tempered steel
- > With blade protector
- > Insulated up to 1000 V, according to EN 60900/IEC 60900

| Code    | No.      | l mm | Ø mm | kg    |
|---------|----------|------|------|-------|
| 6690400 | VDE 4522 | 50   | 180  | 0,104 |

### VDE 4527 VDE Cable knife with hooked blade



- > For slitting and stripping damp-proof installation cables
- > With blade protector
- > Insulated up to 1000 V, according to EN 60900/IEC 60900




| Code    | No.      | l mm | Ø mm | kg    |
|---------|----------|------|------|-------|
| 6698490 | VDE 4527 | 40   | 203  | 0,098 |

4528

Universal cable knife



- > For stripping round cables, 4 - 28 mm
- > Hooked blade for separating cable strips and flat cables
- > Automatic changeover of the blade from round to longitudinal cut without putting down the knife
- > The cutting depth of the pivoting internal knife is adjustable

| Code    | No.  |  |  |  |
|---------|------|---|--|---|
| 6698300 | 4528 | 50  | 170  | 0,155   |

E-4528

Spare-blades



- > The cutting depth of the pivoting internal knife is adjustable

| Code    | No.    |  |
|---------|--------|---|
| 1448161 | E-4528 | 0,005   |

4529

Multi-use cable knife



- > For stripping round cables, 4 - 28 mm
- > Integrated stripping function for flexible and single-strand conductors
- > Automatic changeover of the blade from round to longitudinal cut without putting down the knife
- > The cutting depth of the pivoting internal knife is adjustable

| Code    | No.  |  |  |
|---------|------|---|---|
| 2955393 | 4529 | 145   | 0,15  |

E-4529

Spare-blades




- > The cutting depth of the pivoting internal knife is adjustable

| Code    | No.    |  |
|---------|--------|---|
| 2955407 | E-4529 | 0,111   |

4629

Insulating tape



| Code    | No.  | L m | <u>mm</u> |  |
|---------|------|-----|-----------|---|
| 6699540 | 4629 | 10  | 15        | 0,032   |

V 406

Small saw for metal


 1000 V

- > For pinned hacksaw blades, 148 mm
- > Suitable up to 1000 V

| Code    | No.   |  |  |
|---------|-------|---|---|
| 6120060 | V 406 | 265   | 0,229   |

# INSTALLATION TOOLS

Difficult working conditions often apply in sanitary, heating and pipeline construction. Tight maintenance spaces and little freedom of movement sometimes come up against sensitive system components and materials, which is why GEDORE installation tools were developed.

GEDORE pipe cutters reliably deliver clean cuts on steel and cast iron pipes, electrical installation pipes, multi-layer composite pipes and other special pipes. There is no need for tedious deburring and the work is completed quickly.

The range of installation tools also offers flaring tools and matching accessories as well as different spanners that can be used to efficiently master everyday work.

GEDORE installation tools are developed for the sole purpose of supporting the user and making work efficient and safe - and this is evident in every single tool, from the cutting wheel to the radiator valve spanner. They are extremely robust and durable.



## **i** TUBEX - A PROMISE

- High performance tube cutter for steel and cast iron tubes
- No. 222 especially suitable for tight spaces, 360° rotation not necessary
- Cutting wheel can be easily changed for processing stainless steel pipes
- For wall thicknesses from 2.0 to 8.0 mm



TOUGH  
RELIABLE



#### GREAT DIVERSITY IN FORM AND FUNCTION

- Wide range of specialised tools for installation and assembly work
- Individual or practical tool sets in GEDORE i-BOXX®es
- Spare parts and accessories optionally available



#### WORK ON FITTINGS

- Spanners especially for washbasin assembly, optionally with double jaws or reversible ratchets
- Special tools for working on and mounting valves
- Tools for quick and easy screwing and unscrewing of hanger bolts

#### WORKING ON THE RADIATOR

- Stepped and combination stepped keys for professional installation and removal of valve nipples and radiator valves
- Combination stepped key 380 can be combined with the radiator valve spanner 3810
- Trouble-free installation of straight and elbow compression fitting, even in corner or straight-through shapes

**210015**  
Link pipe cutter



- > Low space requirements due to ratchet-type operation
- > In the standard version suitable for pipes from 85 to 175 mm Ø
- > Expandable for tubes up to max. 330 mm outer-Ø

| Code           | No.    | Ø mm   | Wall thickness |     |
|----------------|--------|--------|----------------|-----|
| <b>4536250</b> | 210015 | 85-175 | 3,2-8,0        | 5,7 |

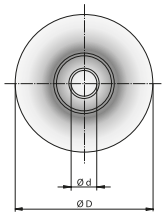
**E 210**  
Set of spare links  
3 pieces



- > For extending the cutting range at no. 210015
- > For more information see table "Cutting range link pipe cutter no. 210015"

| Code           | No.    | Contents  | Pieces |       |
|----------------|--------|---|--------|-------|
| <b>2799626</b> | 210100 | 1 cutting wheel No. 210200<br>1 single link No. 210500<br>1 bolt no. 210600 | 3      | 0,395 |

**E 210**  
Spare parts



| Code           | No.    | Designation              | Ø D | b  | Ø d |       |
|----------------|--------|--------------------------|-----|----|-----|-------|
| <b>4536410</b> | 210200 | Cutting wheel for 210015 | 50  | 11 | 11  | 0,08  |
| <b>4536680</b> | 210600 | Spare bolt for 210015    |     |    |     | 0,027 |
| <b>4551480</b> | 210500 | Spare link for 210015    |     |    |     | 0,29  |

**220**  
Pipe cutter TUBEX



- > High-performance pipe cutter with 1 cutting wheel
- > Can also be used for stainless steel pipes by replacing the cutting wheel (2" version)
- > Spindle protected by sleeve extension

| Code           | No.    | Size inch | Ø mm           | Wall thickness | ↳ mm ↵ |      |
|----------------|--------|-----------|----------------|----------------|--------|------|
| <b>4503400</b> | 220020 | 1/8 - 2   | 10 mm - 60 mm  | 2,0-6,3        | 380    | 2,9  |
| <b>4503590</b> | 220040 | 1.1/4 - 4 | 42 mm - 114 mm | 2,6-8,0        | 520    | 4,96 |

**222**  
Pipe cutter TUBEX



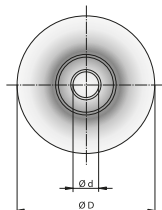
- > High-performance pipe cutter with 3 cutting wheels
- > Particularly suitable for hard-to-reach areas, as 360° rotation is not necessary
- > Can also be used for stainless steel pipes by replacing the cutting wheel (2" version)
- > Spindle protected by sleeve extension

| Code           | No.    | Size inch | Ø mm   | Wall thickness | ↳ mm ↵ |      |
|----------------|--------|-----------|--------|----------------|--------|------|
| <b>4537060</b> | 222020 | 1/8-2     | 10-60  | 2,0-6,3        | 380    | 2,7  |
| <b>4553420</b> | 222040 | 1.1/4-4   | 48-114 | 2,6-8,0        | 520    | 4,84 |



### E 220 - E 222

Cutting wheel



| Code           | No.    | Designation                                     | Ø D | b  | Ø d |       |
|----------------|--------|---|-----|----|-----|-------|
| <b>1524038</b> | 220221 | Cutting wheel for niro tubes for 220020, 222020 | 32  | 19 | 9   | 0,028 |
| <b>4503750</b> | 220220 | Cutting wheel for 220020, 222020                | 32  | 19 | 9   | 0,028 |
| <b>4503830</b> | 220240 | Cutting wheel for 220040, 222040                | 41  | 19 | 9   | 0,038 |
| <b>4552450</b> | 220620 | Wheel bolt for 220020, 222020                   |     |    |     | 0,015 |
| <b>4552530</b> | 220640 | Wheel bolt for 220040, 222040                   |     |    |     | 0,019 |

### 2180

Pipe cutter



- › Easy cutting due to ball-bearing pressure rollers and cutting wheels
- › Cutting wheel changeable without tools
- › With retractable deburring tool, spare cutting wheel in handle

| Code           | No.    | Ø mm | Wall thickness | ↳ mm |       |
|----------------|--------|------|----------------|------|-------|
| <b>2964066</b> | 2180 3 | 3-35 | 0,7-2,5        | 160  | 0,365 |
| <b>2964074</b> | 2180 4 | 3-45 | 0,7-2,5        | 180  | 0,39  |
| <b>2964082</b> | 2180 5 | 6-76 | 0,7-2,5        | 245  | 0,94  |

### E-2180

Spare parts



| Code           | No.        | Designation                           | Ø D | b   | Ø d |       |
|----------------|------------|---------------------------------------|-----|-----|-----|-------|
| <b>2964090</b> | E-2180 3 A | Cutting wheel 20x5.1x4.8 mm           | 20  | 5,1 | 4,8 | 0,005 |
| <b>2964104</b> | E-2180 5 A | Cutting wheel 20x6.2x4.8 mm           | 20  | 6,2 | 4,8 | 0,005 |
| <b>2964112</b> | E-2180 3 B | Wheel bolt for 2180 3, 2180 4, 2250 3 |     |     |     | 0,002 |
| <b>2964120</b> | E-2180 5 B | Wheel bolt for 2180 5, 2270 5         |     |     |     | 0,005 |

### 230311

Pipe cutter  
QUICK AUTOMATIC  
niro

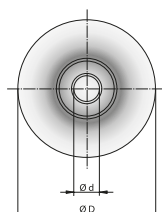


- › Body in pressure-cast zinc
- › Cutting wheel made from high-alloy stainless steel, with high service life
- › With automatic infeed by plate springs

| Code           | No.    | Ø mm | Wall thickness | ↳ mm |      |
|----------------|--------|------|----------------|------|------|
| <b>1154990</b> | 230311 | 4-32 | 0,7-3,0        | 165  | 0,43 |

### E 2303

Cutting wheel



| Code           | No.    | Designation                                | Ø D | b   | Ø d |       |
|----------------|--------|--|-----|-----|-----|-------|
| <b>1154540</b> | 230621 | Wheel bolt size 2 for niro tubes           |     |     |     | 0,003 |
| <b>1154680</b> | 230421 | Cutting wheel for niro tubes 32x9,9x6,1 mm | 32  | 9,9 | 6,1 | 0,018 |
| <b>1154710</b> | 230411 | Cutting wheel for niro tubes 20x4,8x5,1 mm | 20  | 4,8 | 5,1 | 0,005 |



**2325**  
Pipe deburring reamer



- > For internal and external deburring
- > Aluminiumkörper
- > Hardened taper section with 40 deburring blades

| Code           | No.    | Ø mm  | ↳ mm | kg   |
|----------------|--------|-------|------|------|
| <b>1419684</b> | 232500 | 10-56 | 85   | 0,42 |
| <b>1857681</b> | 232501 | 8-35  | 60   | 0,18 |

**232001**  
Pipe deburring reamer



- > Universal use for hydraulic and precision steel pipes, copper pipes, as well as pipes in non-ferrous metals
- > For internal and external deburring

| Code           | No.    | Ø mm | ↳ mm | kg   |
|----------------|--------|------|------|------|
| <b>1439510</b> | 232001 | 4-32 | 45   | 0,03 |

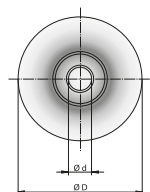
**2250**  
Pipe cutter



- > For copper, brass, and light-alloy pipes, PVC hard plastic and plastic-coated pipes, thin-walled steel pipes, (precision steel and hydraulic pipes), composite pipes
- > Cutting wheel changeable without tools
- > With retractable deburring tool, spare cutting wheel in handle

| Code           | No.    | Ø mm | Wall thickness | ↳ mm | kg   |
|----------------|--------|------|----------------|------|------|
| <b>2964031</b> | 2250 3 | 3-35 | 0,7-2,0        | 160  | 0,37 |

**E 2250 3 A**  
Cutting wheel



| Code           | No.       | Designation                 | Ø D | b | Ø d | kg    |
|----------------|-----------|-----------------------------|-----|---|-----|-------|
| <b>2964058</b> | E-225 3 A | Cutting wheel 20x5.1x4.8 mm | 20  | 5 | 4,8 | 0,005 |

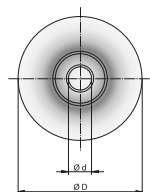
**2300**  
Pipe cutter  
QUICK AUTOMATIC



- > Body in pressure-cast zinc
- > For copper, brass, and light-alloy pipes, PVC hard plastic and plastic-coated pipes, thin-walled steel pipes, (precision steel and hydraulic pipes), composite pipes
- > With automatic infeed by plate springs, retractable deburring knife

| Code    | No.    | Ø mm  | Wall thickness | ↳ mm ↲ | kg    |
|---------|--------|-------|----------------|--------|-------|
| 4504050 | 230010 | 4-32  | 0,7-3,0        | 165    | 0,435 |
| 4504130 | 230020 | 13-65 | 1,0-7,3        | 275    | 1,46  |

**E 2300**  
Cutting wheel



| Code    | No.    | Designation                 | Ø D | b   | Ø d | kg    |
|---------|--------|-----------------------------|-----|-----|-----|-------|
| 4504800 | 230220 | Cutting wheel 32x9,9x6,1 mm | 32  | 9,9 | 6,1 | 0,018 |

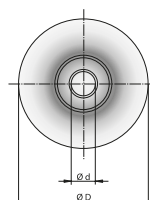
**231000**  
Miniature Pipe Cutter  
MINI-QUICK



- > For use in barely accessible places
- > For copper, brass, and light-alloy pipes, PVC hard plastic and plastic-coated pipes, thin-walled steel pipes, (precision steel and hydraulic pipes), composite pipes



| Code    | No.    | Ø mm | Wall thickness | ↳ mm ↲ | kg    |
|---------|--------|------|----------------|--------|-------|
| 4504560 | 231000 | 4-16 | 0,7-3,0        | 50     | 0,125 |



**E 2310**  
Cutting wheel





| Code    | No.    | Designation                      | Ø D | b | Ø d | kg    |
|---------|--------|----------------------------------|-----|---|-----|-------|
| 1154656 | 230611 | Wheel bolt size 1 for niro tubes |     |   |     | 0,003 |
| 4504640 | 230210 | Cutting wheel 20x4,8x5,1 mm      | 20  | 5 | 5,1 | 0,005 |

## Installation Tools

| 239<br>Calibration tool  |   | Code No. $\varnothing$ mm  |        |      |       |
|--|---|---|--------|------|-------|
|  | <ul style="list-style-type: none"> <li>&gt; For exact calibrating of tube ends</li> <li>&gt; For semi-hard and soft copper pipes</li> </ul> | <b>4506340</b>  | 239012 | 12x1 | 0,067 |
|  |   | <b>4506420</b>  | 239015 | 15x1 | 0,138 |
|  |   | <b>4506500</b>  | 239018 | 18x1 | 0,179 |
|  |   | <b>4506690</b>  | 239022 | 22x1 | 0,27  |


| 2270<br>Pipe cutter  |  | Code No. $\varnothing$ mm Wall thickness  < mm >   |        |        |          |     |      |
|--|--|---|--------|--------|----------|-----|------|
|  | <ul style="list-style-type: none"> <li>&gt; To cleanly cut multi-layer composite pipes or other plastic pipes</li> <li>&gt; Cutting wheel changeable without tools</li> <li>&gt; With retractable deburring tool, spare cutting wheel in handle</li> <li>&gt; No. 2270 5 with adjustable third pressure roller for optimum guidance of different pipe dimensions</li> <li>&gt; With high-speed adjustment feature</li> </ul> | <b>2964015</b>  | 2270 5 | 6-76   | 1,5-8,6  | 245 | 0,93 |
|  |  | <b>2963957</b>  | 2270 6 | 50-127 | 4,0-19,8 | 345 | 1,73 |

| E 2270<br>Cutting wheel  |  | Code No. Designation $\varnothing$ D b $\varnothing$ d  |            |                             |    |    |     |      |
|--|--|--|------------|-----------------------------|----|----|-----|------|
|  |  | <b>2963973</b>   | E-2270 6 A | Cutting wheel 51x11x8.1 mm  | 51 | 11 | 8,1 | 0,02 |
|  |  | <b>2963981</b>   | E-2270 6 B | Wheel bolt for 2270 6       |    |    |     | 0,01 |
|  |  | <b>2964023</b>   | E-2270 5 A | Cutting wheel 30x6.2x4.8 mm | 30 | 6  | 4,8 | 0,01 |

| 226100<br>Shear set for plastic pipes  |  | Code No. Contents |        |                             | Pieces |  |
|--|--|-------------------|--------|-----------------------------|--------|---|
|  | <ul style="list-style-type: none"> <li>&gt; To cleanly cut hard and soft plastic pipes, rubber hoses with or without textile reinforcement, and as well as various plastic profiled sections, such as cable ducts, for example</li> <li>&gt; Contains 2 form blocks for 16, 19 and 25 mm pipes, 1 prism for profiles and 1 angle stop adjustable up to 45°</li> <li>&gt; Delivery in plastic case</li> </ul> | <b>1637983</b>    | 226100 | Shear set for plastic pipes | 6      | 1,05  |

E 2261  
cutting knife




| Code           | No.    | Designation |  |
|----------------|--------|-------------|---|
| <b>1680137</b> | 226005 | Spare knife | 0,05  |

2268  
Pipe shears




- › For the clean cutting of PE, PP, PEX, PPR, MSR, CPVC, PVC, PVDF, PB and VPE pipes
- › Can also be used for hoses
- › Smooth and accurate cutting, one hand operation
- › Cutting blades changeable without tools

| Code           | No.    | Ø mm | l mm |  |
|----------------|--------|------|------|---|
| <b>2963841</b> | 2268 2 | 42   | 245  | 0,475   |
| <b>2963892</b> | 2268 3 | 63   | 280  | 0,65  |

E-2268  
cutting knife




| Code           | No.        | Designation               |  |
|----------------|------------|---------------------------|---|
| <b>2963914</b> | E-2268 2 A | Spare knife for 2268 2    | 0,085   |
| <b>2963930</b> | E-2268 3 A | Spare knife for 2268 3    | 0,15  |
| <b>2963949</b> | E-2268 B   | Spare bolt for 2268 2 / 3 | 0,005   |

2330  
Flaring tool



- › For flaring copper and light-alloy pipes of various hardnesses
- › For cooling systems, refrigeration technique
- › Flared cone 90° hardened = 45° bending from the tube
- › With cone for 180° flaring = 90° angle from pipe

| Code           | No.    | Contents   | Pieces |  |
|----------------|--------|--|--------|---|
| <b>4537300</b> | 233001 | for metric tubes 4, 4.75, 6, 8, 10, 12, 14 mm<br>1 Flare body No. 233000<br>1 thrust piece 180° No. 233200<br>1 clamping jaw 4-14 mm No. 233101  | 3      | 1,4   |
| <b>4554660</b> | 233007 | for inch pipes 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4"<br>1 flaring tool No. 233000<br>1 cone for 180° flaring No. 233200<br>1 clamping jaw 3/16-3/4" No. 233107  | 3      | 1,46  |
| <b>1919725</b> | 233009 | for metric pipes 15, 16, 17, 18, 19 mm<br>1 flaring tool No. 233000<br>1 cone for 180° flaring No. 233200<br>1 clamping jaw 15-19 mm No. 233109  | 3      | 1,205   |
| <b>2926741</b> | 233013 | for metric tubes 4, 4.75, 6, 8, 10, 12, 14 mm<br>for inch pipes 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4".<br>1 Flare body No. 233000<br>1 thrust piece 180° No. 233200<br>1 clamping jaw 4-14 mm No. 233101<br>1 clamping jaw 3/16-3/4" No. 233107 | 4      | 2,02  |
| <b>2926768</b> | 233014 | for metric pipes 4, 4.75, 6, 8, 10, 12, 14, 15, 16, 17, 18, 19 mm<br>1 flaring tool No. 233000<br>1 cone for 180° flaring No. 233200<br>1 clamping jaw 4-14 mm No. 233101<br>1 clamping jaw 15-19 mm No. 233109                                      | 4      | 1,87  |

**1101-233301**

Tool set  
5 pieces



- > For flaring copper and light-alloy pipes of various hardnesses
- > For cooling systems, refrigeration technique
- > With pipe cutter 3-35 mm Ø
- > In GEDORE i-BOXX® 72 No. 1101 L

| Code           | No.         | Contents  | Pieces |      |
|----------------|-------------|---|--------|------|
| <b>4555550</b> | 1101-233301 | for metric tubes 4, 4.75, 6, 8, 10, 12, 14 mm<br>1 Flare body No. 233000<br>1 clamping jaw 4-14 mm No. 233101<br>1 thrust piece 180° No. 233200<br>1 Pipe cutter 3-35 mm Ø No. 2250 3<br>1 GEDORE i-BOXX® 72 No. 1101 L | 5      | 2,89 |

**E 2330**

Parts



| Code           | No.    | Designation                                    |       |
|----------------|--------|--|-------|
| <b>1885162</b> | 233109 | Clamping jaw 15-19 mm                          | 0,555 |
| <b>4505450</b> | 233200 | Cone for 180° flaring (= 90° angled from pipe) | 0,015 |
| <b>4554150</b> | 233000 | Flaring tools                                  | 0,66  |
| <b>4554820</b> | 233101 | Clamping jaw 4-14 mm                           | 0,62  |
| <b>4555470</b> | 233107 | Clamping jaw 3/16" - 3/4"                      | 0,68  |

**1101-2340**

Double flaring tool set



- > For precision flanges according to DIN 74234
- > For brake lines, coolant lines, hydraulic and pneumatic pipes with a wall thickness of 0.7 to 1.0 mm
- > Complete set for metric and/or inch pipes
- > With pipe deburring reamer 4-32 mm Ø and miniature pipe cutter 4-16 mm Ø
- > In GEDORE i-BOXX® 72 No. 1101 L

| Code           | No.         | Contents   | Pieces |      |
|----------------|-------------|--|--------|------|
| <b>4662980</b> | 1101-234013 | for metric + inch pipes<br>1 basic frame No. 234000<br>2 clamping jaws No. 234101 + 234102<br>6 cones 4,75-10 mm No. 234204-234210<br>4 cones 3/16-3/8" No. 234303-234306<br>3 cones No. 234790 + 234801-802<br>1 miniature pipe cutter 4-16 mm Ø No. 231000<br>1 pipe deburring reamer Ø 4-32 mm No. 232001<br>1 GEDORE i-BOXX® 72 No. 1101 L | 19     | 4,2  |
| <b>4505530</b> | 1101-234001 | for metric pipes<br>1 basic frame No. 234000<br>1 clamping jaw metric No. 234101<br>6 cones 4,75-10 mm No. 234204-234210<br>2 cones No. 234790 + 234801<br>1 miniature pipe cutter 4-16 mm Ø No. 231000<br>1 pipe deburring reamer Ø 4-32 mm No. 232001<br>1 GEDORE i-BOXX® 72 No. 1101 L  | 13     | 2,98 |

**E 234**

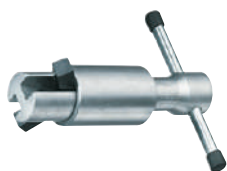
Parts



| Code           | No.    | Designation   |       |
|----------------|--------|---|-------|
| <b>4556440</b> | 234000 | Basic frame   | 0,88  |
| <b>4556520</b> | 234101 | Clamping jaw metric   | 0,76  |
| <b>4556600</b> | 234102 | Clamping jaw inch   | 0,76  |
| <b>4556790</b> | 234204 | Cone 4,75 mm for flare types E + F  | 0,018 |
| <b>4556870</b> | 234205 | Cone 5 mm for flare types E + F   | 0,018 |
| <b>4556950</b> | 234206 | Cone 6 mm for flare types E + F   | 0,018 |
| <b>4557090</b> | 234208 | Cone 8 mm for flare types E + F   | 0,018 |
| <b>4557170</b> | 234209 | Cone 9 mm for flare types E + F   | 0,018 |
| <b>4557250</b> | 234210 | Cone 10 mm for flare types E + F  | 0,018 |
| <b>4557330</b> | 234303 | Cone 3/16" for flare types E + F  | 0,018 |
| <b>4557410</b> | 234304 | Cone 1/4" for flare types E + F   | 0,018 |
| <b>4557680</b> | 234305 | Cone 5/16" for flare types E + F  | 0,018 |
| <b>4557760</b> | 234306 | Cone 3/8" for flare types E + F   | 0,018 |
| <b>4557840</b> | 234790 | Cone (adjustment gauge) for flare types 90° + 180° and cone 90° + flare E | 0,016 |
| <b>4557920</b> | 234801 | Cone (adjustment gauge), metric, 180°, for flare types E + F              | 0,011 |
| <b>4558060</b> | 234802 | Cone (adjustment gauge), inch, 180°, for flare types E+F                  | 0,011 |

### 312

Valve holder venti-quick



- > Made of aluminium
- > Drain valve holder and screw-in wrench for eccentric and standard valves 1.1/4
- > Usable from top or bottom

| Code           | No.    | ↳ mm ▶ | ⚖️    |
|----------------|--------|--------|-------|
| <b>4508980</b> | 312000 | 120    | 0,255 |

### 314

Lower cupboard unit



- > For surface-protective assembling of all usual corner valves
- > With chamfered driving edges
- > With 1/2" female square drive

| Code           | No.    | ↳ mm ▶ | Diameter milled slot of piston rod | ⚖️   |
|----------------|--------|--------|------------------------------------|------|
| <b>1147471</b> | 314000 | 82     | 27                                 | 0,15 |

### 3170

Installation wrench



- > For washbasin mountings
- > With moveable stud screw insert for bathroom fittings attachment M10 or M12
- > Open-ended spanner SW 17x19 mm for tightening or loosening washbasin fittings and angle valves

| Code           | No.    | Tip size hanger bolts | Size mm | ↳ mm ▶ | ⚖️   |
|----------------|--------|-----------------------|---------|--------|------|
| <b>4509360</b> | 317000 | M10                   | 17x19   | 250    | 0,33 |
| <b>4609310</b> | 317012 | M12                   | 17x19   | 250    | 0,33 |

### 3175

Installation wrench



- > For washbasin mountings
- > With moveable stud screw insert for bathroom fittings attachment M10 or M12
- > With reversible ring ratchet SW 17 or SW 19 mm for tightening or loosening wash basin screw connections
- > Open-end spanner SW 19 mm for tightening or loosening angle valves

| Code           | No.    | Tip size hanger bolts | Size mm | ↳ mm ▶ | ⚖️   |
|----------------|--------|-----------------------|---------|--------|------|
| <b>4509520</b> | 317500 | M10                   | 17x19   | 250    | 0,33 |
| <b>4609580</b> | 317512 | M12                   | 19x19   | 250    | 0,33 |

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## Installation Tools

### 3171 Stud screw wrench



- > For bathroom fittings attachment (stud screws) M6, M8, M10, M12
- > With pivotable thread insert

| Code           | No.    | ↳ mm ▷ | kg  |
|----------------|--------|--------|-----|
| <b>4509440</b> | 317100 | 220    | 0,3 |

### 3173 Stud screw inserter



- > Self-clamping with rotary movement
- > For the fast and easy insertion and removal of studs, bolts, etc.
- > With hexagon drive

| Code           | No.    | Tip size hanger bolts | kg   |
|----------------|--------|-----------------------|------|
| <b>1523171</b> | 317306 | M6                    | 0,13 |
| <b>1523198</b> | 317308 | M8                    | 0,13 |
| <b>1523201</b> | 317310 | M10                   | 0,13 |
| <b>1523228</b> | 317312 | M12                   | 0,13 |

### 3165 Basin wrench



- > For single lever taps and taps with central screw connection up to size 36 mm
- > With 13 mm hexagon drive and additional adaptors for 9, 10, 11 and 14 mm
- > With pivoted hook for right or left hand operation

| Code           | No.    | ↳ mm ▷ | kg   |
|----------------|--------|--------|------|
| <b>2829274</b> | 316500 | 260    | 0,41 |

### 320000 Wrench for plumbing fittings



- > With pawl clamp
- > With exchangeable plastic jaws no. 320100, width 8 mm
- > For nickel-plated and chrome-plated fittings

| Code           | No.    | Designation                  | ↳ mm ▷    | kg   |
|----------------|--------|------------------------------|-----------|------|
| <b>4509600</b> | 320000 | Wrench for plumbing fittings | 65 45 275 | 0,72 |
| <b>4540520</b> | 320100 | Set of plastic jaws          |           | 0,01 |

### 126008 Strap wrench



- > Very gentle to surfaces, particularly suitable for chrome-plated fittings and polished surfaces
- > light metal body, blue lacquered
- > With high-strength nylon strap

| Code           | No.    | ∅ mm | ∅ inch | ↳ mm ▷ | mm | kg    |
|----------------|--------|------|--------|--------|----|-------|
| <b>1468308</b> | 126008 | 220  | 8"     | 300    | 27 | 0,325 |



**E 126208**  
Spare belt



- > High-strength nylon strap

| Code           | No.    | ↳ mm | mm | kg    |
|----------------|--------|------|----|-------|
| <b>1468316</b> | 126208 | 950  | 27 | 0,035 |

**376**  
Step wrench



- > For the installation and removal of valve nipples 3/8", 1/2", 3/4", 1", 1.1/4"
- > Drive via 18 mm square

| Code           | No.    | kg    |
|----------------|--------|-------|
| <b>4541250</b> | 376100 | 0,245 |

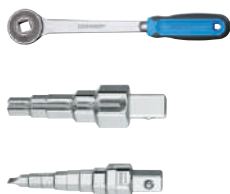
**3785**  
Plumber's wrench



- > With 14 functions for valve extensions 3/8", 1/2", 3/4", 1"
- > Depth up to 100 mm
- > For the installation and removal of radiator valves and runback screwed unions

| Code           | No.    | ↳ mm | kg   |
|----------------|--------|------|------|
| <b>4512820</b> | 378500 | 220  | 0,67 |

**380**  
Combination stepped key



- > For the installation and removal of radiator valves, runback screwed unions 3/8" - 1" and short tap extensions
- > With pin, hexagon and bi-hexagon nut drive
- > 1/2" square drive

| Code           | No.    | Designation   | kg    |
|----------------|--------|---|-------|
| <b>4512900</b> | 380000 | Combination stepped key No. 380100 with ratchet 1/2" No. 380200 | 0,555 |
| <b>4513040</b> | 380100 | Combination stepped key with 5 steps 3/8"ination 1"             | 0,135 |
| <b>4513120</b> | 380200 | Ratchet 1/2"  | 0,42  |
| <b>4611130</b> | 380150 | Combination stepped key with 8 steps 3/8"ination 1"             | 0,135 |
| <b>4630940</b> | 380001 | Combination stepped key No. 380150 with ratchet 1/2" No. 380200 | 0,555 |

**3810**  
Radiator valve spanner



- > Spanner for tightening and removing Euro-cone radiator compression fittings with A/F 30 mm cam lock and hex nuts
- > Short, flat version with ratchet
- > Head-side mounting option for 1/2" extension. The extension serves as a handle and at the same time provides a higher torque

- > Lateral mounting possibility for 1/2" extension for working with the ratchet in front of the radiator
- > Socket for no. 3801 combination stepped key 3/4" radiator valve nipples
- > DBGM (German utility patent)

| Code           | No.    | Designation                    | kg    |
|----------------|--------|--------------------------------|-------|
| <b>2233665</b> | 381030 | Radiator valve spanner, single | 0,225 |
| <b>2233673</b> | 381000 | Radiator valve spanner set     | 0,39  |

# BENDING TOOLS

Gas and water pipes, boiler pipes, electrical installation pipes, and pipes made of special materials such as copper and stainless steel. Bend forming is an art of its own and accordingly requires not only know-how but also the right tools.

In addition to the shape of the tube to be bent, wall thickness, outside diameter, the quality of the tube as well as the shape of the desired end result are decisive for the choice of tool. GEDORE therefore offers a comprehensive selection of hand tube benders, bending machines and eccentric angle benders. The matching bending tools and accessories are also available. The intelligently put together sets make it easier to choose the right equipment.



## HOW DO I FIND THE RIGHT BENDING TOOL?

- The bending tool must always be adapted to the shape of the workpiece
- Outer diameter of a tube is indicated by "D"
- "S" defines the wall thickness of the tube
- Important: always measure the radius to the centre of the tube.
- If several bends are to be made consecutively, it is essential to specify the distance between the bends, "L2"



VERSATILE  
SAFE  
DURABLE

### GEDORE BENDING TOOLS - THAT MAKES THE DIFFERENCE

- Durable quality for continuous professional use
- Material-friendly machining of workpieces
- Hand-operated, hydraulic and electro-hydraulic
- For a wide range of commercially available tube qualities

CU

CU-ZN

INOX

FE

AL

MT

### ALL APPLICATIONS COVERED

- Simple pipe benders
- Hydraulic bending
- Hydraulically operated pipe benders
- Tool sets in practical GEDORE i BOXX®es or L-BOXX®es
- Individual parts and accessories optionally available

## Bending tools

### 2415

Pipe bending pliers



- > Sizes from 4,75 to 10 mm Ø to 90°
- > With 2 reversible bending forms 3/16" - 1/4" Ø (4,75 - 6 mm Ø) and 8 - 10 mm Ø

- > For soft copper pipes EN 1057, all non-ferrous metal pipes as well as thin-walled precision steel pipes and brake lines

| Code    | No.    | Ø mm      | Ø"inch   | l-mm | kg   |
|---------|--------|-----------|----------|------|------|
| 1442007 | 241500 | 4,75-10,0 | 3/16-3/8 | 260  | 0,58 |

### 2423

Pipe bending pliers



- > Sizes from 10 to 22 mm Ø to 90°



#### Use:

- > For flexible steel and stainless steel pipes (up to max. 18 x 1.5 mm)
- > Soft (also heat-insulated) and semi-hard copper pipes EN 1057

| Code    | No.    | Ø mm | r=mm | l-mm | kg   |
|---------|--------|------|------|------|------|
| 4564890 | 242310 | 10   | 43   | 420  | 1,4  |
| 4564970 | 242312 | 12   | 45   | 420  | 1,38 |
| 4565000 | 242315 | 15   | 60   | 560  | 2,14 |
| 4565190 | 242318 | 18   | 74   | 820  | 2,86 |
| 4565270 | 242322 | 22   | 86   | 820  | 4,18 |

### 1100-2431

Manual bending tool set  
9 pieces



- > Sizes from 6 to 15 mm Ø to 180°
- > For soft copper pipes EN 1057 (also with fixed coating)



- > Especially easy bending by ratchet movement with reversible ratchet 1/2" in long version
- > In GEDORE L-BOXX® 136 No. 1100 L

| Code    | No.         | Contents  | Pieces | kg   |
|---------|-------------|---|--------|------|
| 4568450 | 1100-243100 | 1 bending lever No. 243010<br>1 tool holding fixture No. 243070<br>1 reversible ratchet 1/2" No. 1993 U-10 L<br>5 pipe bending formers Ø 6, 8, 10, 12, 15 mm<br>1 pipe cutter 3-35 mm Ø No. 2250 3<br>+ GEDORE L-BOXX® 136 No. 1100 L | 9      | 7,35 |

### E 243

Parts



| Code    | No.    | Designation   | kg    |
|---------|--------|---------------|-------|
| 2680203 | 243070 | Tool holder   | 0,675 |
| 4566320 | 243010 | Bending lever | 0,98  |

### E 243

Bending former



| Code    | No.    | Ø mm | r=mm | kg   |
|---------|--------|------|------|------|
| 4566750 | 243050 | 6    | 28   | 0,26 |
| 4566830 | 243051 | 8    | 28   | 0,25 |
| 4567050 | 243053 | 10   | 35   | 0,44 |
| 4567210 | 243055 | 12   | 35   | 0,41 |
| 4567640 | 243058 | 15   | 45   | 0,65 |

## 2785

Manual bending tool set  
7 pieces

INOX FE

- > Sizes from 3 to 10 mm Ø to 180°
- > For precision steel pipes EN 10305-3 (DIN 2394), hydraulic pipes EN 10305-1 (DIN 2391) with 0.75 - 1.0 mm wall thicknesses as well as bendable stainless steel pipes with 1.0 mm wall thicknesses

- > With 5 aluminium bending moulds

| Code    | No.    | Contents   | Pieces | kg  |
|---------|--------|--|--------|-----|
| 1589830 | 278500 | 1 basic tool body 3-10 mm no. 278570<br>1 bending lever 3-10 mm no. 278581<br>5 aluminium bending formers for pipes with Ø 3-4, 5, 6, 8, 10 mm | 7      | 1,2 |

## 1101-2785

Manual bending tool set  
9 pieces

INOX FE

- > Sizes from 3 to 10 mm to 180°
- > For precision steel pipes EN 10305-3 (DIN 2394), hydraulic pipes EN 10305-1 (DIN 2391) with 0.75 - 1.0 mm wall thicknesses as well as bendable stainless steel pipes with 1.0 mm wall thicknesses

- > With 5 aluminium bending moulds
- > Delivery in GEDORE L-BOXX® 72 no. 1101 L

| Code    | No.         | Contents   | Pieces | kg  |
|---------|-------------|--|--------|-----|
| 1589849 | 1101-278501 | 1 basic frame 3-10 mm No. 278570<br>1 bending lever 3-10 mm No. 278581<br>5 aluminium bending formers for pipes with Ø 3-4, 5, 6, 8, 10 mm<br>1 miniature pipe cutter 4-16 mm Ø No. 231011<br>1 pipe deburring reamer 8-35 mm Ø No. 232501<br>+ GEDORE i-BOXX® 72 No. 1101 L | 9      | 2,4 |

## E 2785

Parts



| Code    | No.    | Designation                | kg   |
|---------|--------|----------------------------|------|
| 2293625 | 278570 | Basic tool body size 0     | 0,64 |
| 2293641 | 278581 | Bending lever size 3-10 mm | 0,38 |

## E 2785

Bending former



- > Made of high strength aluminium

| Code    | No.    | Ø mm | r=mm | Bore mm | kg    |
|---------|--------|------|------|---------|-------|
| 1576798 | 278504 | 3-4  | 14   | 16      | 0,02  |
| 2963361 | 278505 | 5    | 16   | 16      | 0,025 |
| 1576801 | 278506 | 6    | 16   | 16      | 0,025 |
| 1576828 | 278508 | 8    | 24   | 16      | 0,055 |
| 1576836 | 278510 | 10   | 29   | 16      | 0,085 |



## Bending tools

### 2786

Manual bending tool set  
10 pieces




INOX FE MT

> Sizes from 6 to 18 mm Ø to 180°

**Use:**

- > Precision steel pipes EN 10305-3 (DIN 2394)
- > Hydraulic pipes EN 10305-1 (DIN 2391) with 1.0 - 2.0 mm wall thicknesses

- > Composite pipes up to 16 mm
- > Bendable stainless steel tubes with wall thicknesses from 1.0 - 1.5 mm
- > With 8 aluminium bending moulds

| Code    | No.    | Contents   | Pieces |  |
|---------|--------|--|--------|---|
| 1589857 | 278600 | 1 basic tool body 6-18 mm no. 278670<br>1 bending lever 6-18 mm no. 278681<br>8 aluminium bending formers for pipes with Ø 6-8, 10-12, 14, 15, 16, 18 mm | 10     | 5,26  |

### 1100-2786

Manual bending tool set  
12 pieces



INOX FE MT

> Sizes from 6 to 18 mm to 180°

**Use:**

- > Precision steel pipes EN 10305-3 (DIN 2394)
- > Hydraulic pipes EN 10305-1 (DIN 2391) with 1.0 - 2.0 mm wall thicknesses

- > Composite pipes up to 16 mm
- > Bendable stainless steel tubes with wall thicknesses from 1.0 - 1.5 mm
- > With 8 aluminium bending moulds
- > In GEDORE L-BOXX® 136 No. 1100 L

| Code    | No.         | Contents   | Pieces |  |
|---------|-------------|--|--------|---|
| 1611526 | 1100-278601 | 1 basic frame 6-18 mm No. 278670<br>1 bending lever 6-18 mm attachable No. 278680<br>8 aluminium bending formers for pipes with Ø 6, 8, 10, 12, 14, 15, 16, 18 mm<br>1 pipe cutter 3-35 mm Ø No. 2180 3<br>1 pin punch 3 mm<br>+ GEDORE L-BOXX® 136 No. 1100 L | 12     | 8,28  |

### 1100-2788

Manual bending tool set  
16 pieces




INOX FE MT

> Sizes from 3 to 18 mm to 180°


**Use:**

- > Precision steel pipes EN 10305-3 (DIN 2394)
- > Hydraulic pipes EN 10305-1 (DIN 2391) with 1.0 - 2.0 mm wall thicknesses

- > Composite pipes up to 16 mm
- > Bendable stainless steel tubes with wall thicknesses from 1.0 - 1.5 mm
- > With 10 bending moulds made of aluminium
- > In GEDORE L-BOXX® 136 No. 1100 L


| Code    | No.         | Contents  | Pieces |  |
|---------|-------------|---|--------|---|
| 2963515 | 1100-278801 | 1 basic frame 3-10 mm No. 278570<br>1 bending lever 3-10 mm No. 278581<br>1 basic frame 6-18 mm No. 278670<br>1 bending lever 6-18 mm attachable No. 278680<br>10 aluminium bending formers for pipes with Ø 3-4, 5, 6, 8, 10, 12, 14, 15, 16, 18 mm<br>1 pipe cutter 3-35 mm Ø No. 2180 3<br>1 pin punch 3 mm<br>+ GEDORE L-BOXX® 136 No. 1100 L | 16     | 8,72  |

E 2786  
Parts

| Code    | No.    | Designation                          |  |
|---------|--------|--------------------------------------|---|
| 1626043 | 278680 | Bending lever size 6-18 mm pluggable | 1,93  |
| 1677209 | 278670 | Basic tool body size 1               | 1,24  |
| 2293692 | 278681 | Bending lever size 6-18 mm           | 2,3   |

E 2786  
Bending former

> Made of high strength aluminium

| Code    | No.    | Ø mm | r=mm | Bore mm |  |
|---------|--------|------|------|---------|---|
| 2963442 | 278606 | 6    | 32   | 30      | 0,2   |
| 1576844 | 278608 | 8    | 32   | 30      | 0,2   |
| 2963450 | 278610 | 10   | 36   | 30      | 0,22  |
| 1576852 | 278612 | 12   | 36   | 30      | 0,22  |
| 1576879 | 278614 | 14   | 36   | 30      | 0,2   |
| 1576887 | 278615 | 15   | 43   | 30      | 0,32  |
| 1576895 | 278616 | 16   | 43   | 30      | 0,32  |
| 1576909 | 278618 | 18   | 50   | 30      | 0,45  |

2787  
Manual bending tool set  
5 pieces

Vice not included



- > Sizes from 20 to 25 mm Ø to 180°
- > For precision steel pipes EN 10305-3 (DIN 2394), hydraulic pipes EN 10305-1 (DIN 2391) with 1.5 - 2.5 mm wall thicknesses, composite pipes

- up to 25 mm as well as bendable stainless steel pipes with 1.5 - 2.0 mm wall thicknesses
- > With 3 aluminium bending moulds


| Code    | No.    | Contents   | Pieces |  |
|---------|--------|--|--------|---|
| 1589865 | 278700 | 1 basic tool body 20-25 mm no. 278770<br>1 bending lever 20-25 mm no. 278781<br>3 aluminium bending formers for pipes with Ø 20, 22, 25 mm | 5      | 13,04   |

E 2787  
Parts

| Code    | No.    | Designation                 |  |
|---------|--------|-----------------------------|---|
| 2293706 | 278770 | Basic tool body size 2      | 4,14  |
| 2293722 | 278781 | Bending lever size 20-25 mm | 3   |

E 2787  
Bending former

> Made of high strength aluminium

| Code    | No.    | Ø mm | r=mm | Bore mm |  |
|---------|--------|------|------|---------|---|
| 1576917 | 278720 | 20   | 85   | 42      | 2   |
| 1576925 | 278722 | 22   | 85   | 42      | 1,95  |
| 1576933 | 278725 | 25   | 85   | 42      | 1,95  |

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## Bending tools

### E 276

Bending tool



- > No. 276508-276532: Bending mould with aluminium bending rail for metric tubes
- > No. 276103-276107: Bending form for gas and water pipes EN 10255 (DIN 2440/2441), a pressure roller No. 276003 (3/8-3/4") is also required

| Code    | No.    | Designation                          | ∅ mm | Pipe-∅ [inch] | r=mm | Electrical installation pipe-∅ EN 60423 |      |
|---------|--------|--------------------------------------|------|---------------|------|---|------|
| 4600790 | 276105 | Bending former 1/2"                  | 21,3 | 1/2           |      |   | 2,4  |
| 4600870 | 276107 | Bending former 3/4"                  | 5,8  | 3/4           | 80   |   | 5,8  |
| 4601090 | 276508 | Bending former with slide rail 8 mm  | 8    |               | 40   |   | 1,44 |
| 4601250 | 276512 | Bending former with slide rail 12 mm | 12   |               | 40   |   | 1,36 |
| 4601330 | 276514 | Bending former with slide rail 14 mm | 14   |               | 50   |   | 1,86 |
| 4601410 | 276515 | Bending former with slide rail 15 mm | 15   |               | 50   |   | 1,82 |
| 4601680 | 276516 | Bending former with slide rail 16 mm | 16   |               | 68   |   | 4,74 |
| 4602140 | 276525 | Bending former with slide rail 25 mm | 25   |               | 105  | M25                                     | 4,74 |

### 2456

Manual bending tool set hydraulic



- > Sizes from 10 to 22 mm ∅ to 90°
- > For soft copper pipes EN 1057 up to 22 mm (also heat-insulated), composite pipes up to 20 mm as well as precision steel pipes EN 10305-3 (DIN 2394) up to 18 x 1.5 mm

- > With 7 bending forms and corresponding counter holders
- > In plastic case No. 245590

| Code    | No.    | Contents   | Pieces |      |
|---------|--------|--|--------|------|
| 4635230 | 245610 | 1 Basic unit, hydraulic No. 245670<br>7 bending tools for tubes with ∅ 10, 12, 14, 15, 18, 20, 22 mm<br>1 plastic case no. 245590            | 9      | 5,87 |
| 1585495 | 245611 | 1 Basic unit, hydraulic No. 245670<br>10 bending tools for tubes with ∅ 6, 8, 10, 12, 14, 15, 16, 18, 20, 22 mm<br>1 plastic case no. 245690 | 12     | 7,5  |

### 1100-2456

Manual bending tool set hydraulic, in L-BOXX® 136



- > Sizes from 10 to 22 mm ∅ to 90°
- > For soft copper pipes EN 1057 up to 22 mm (also heat-insulated), composite pipes up to 20 mm as well as precision steel pipes EN 10305-3 (DIN 2394) up to 18 x 1.5 mm

- > With 7 bending forms and corresponding counter holders
- > Delivery in GEDORE L-BOXX® 136 no. 1100 L

| Code    | No.         | Contents   | Pieces |      |
|---------|-------------|--|--------|------|
| 2963531 | 1100-245680 | 1 Basic unit, hydraulic No. 245670<br>7 aluminium bending forms for tubes with ∅ 10, 12, 14, 15, 18, 20, 22 mm<br>3 counter holders ∅ 6-12, 14-17, 18-22 mm<br>1 Pipe cutter 3-35 mm ∅ No. 2250 3<br>GEDORE L-BOXX® 136 No. 1100 L   | 12     | 6,86 |
| 2963558 | 1100-245681 | 1 basic unit, hydraulic No. 245670<br>10 aluminium bending formers for pipes of ∅ 6, 8, 10, 12, 14, 15, 16, 18, 20, 22 mm<br>1 counter-support ∅ 6-12 mm<br>2 counter-supports reinforced ∅ 14-17, 18-22 mm<br>1 pipe cutter 3-35 mm ∅ No. 2180 3<br>+ GEDORE L-BOXX® 136 No. 1100 L | 15     | 9,62 |

### E 245

Parts



| Code    | No.    | Designation           |      |
|---------|--------|-----------------------|------|
| 4635310 | 245670 | Basic unit, hydraulic | 2,35 |

### E 2457 - E 2458

Bending tool

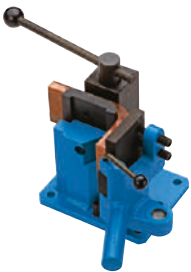


- > No. 245806-245822: Additional counter holders No. 245710-245731 are required
- > For metric pipes

| Code    | No.    | Designation                         | $\varnothing$ mm | r=mm |      |
|---------|--------|-------------------------------------|------------------|------|------|
| 1585509 | 245721 | Counter-support 14-17 mm reinforced |                  |      | 0,38 |
| 1585517 | 245731 | Counter-support 18-22 mm reinforced |                  |      | 0,48 |
| 4635580 | 245710 | Counter-support 6-12 mm             |                  |      | 0,38 |
| 4635660 | 245720 | Counter-support 14-17 mm            |                  |      | 0,46 |
| 4635740 | 245730 | Counter-support 18-22 mm            |                  |      | 0,46 |
| 4635900 | 245806 | Cast aluminium bending former 6 mm  | 6                | 31   | 0,1  |
| 4636040 | 245808 | Cast aluminium bending former 8 mm  | 8                | 31   | 0,1  |
| 4636120 | 245810 | Cast aluminium bending former 10 mm | 10               | 31   | 0,1  |
| 4636200 | 245812 | Cast aluminium bending former 12 mm | 12               | 34   | 0,11 |
| 4636390 | 245814 | Cast aluminium bending former 14 mm | 14               | 41   | 0,12 |
| 4636470 | 245815 | Cast aluminium bending former 15 mm | 15               | 48   | 0,14 |
| 4636550 | 245816 | Cast aluminium bending former 16 mm | 16               | 49   | 0,15 |
| 4636710 | 245818 | Cast aluminium bending former 18 mm | 18               | 72   | 0,19 |
| 4636980 | 245820 | Cast aluminium bending former 20 mm | 20               | 80   | 0,2  |
| 4637010 | 245822 | Cast aluminium bending former 22 mm | 22               | 88   | 0,2  |

### 28070

Eccentric angle bender

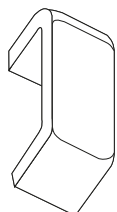


- > For round, flat and angle material made of steel, copper and aluminium up to 90°.
- > With infinitely adjustable angular stop
- > With length stop
- > Manual basic unit for mounting on the work-bench, with optional base frame No. 268500 also suitable for stationary use




























































































| Code    | No.    | Designation                   |      |
|---------|--------|-------------------------------|------|
| 4539940 | 280070 | Angle bender 70 mm            | 29,5 |
| 4535010 | 280100 | Angle bender 100 mm           | 32,5 |
| 4606130 | 280120 | Eccentric angle bender 120 mm | 34,1 |

### E 280

Bending tools



| Code    | No.    | Designation                                     |       |
|---------|--------|---|-------|
| 4605320 | 280072 | Radiused bending tool 70 mm                     | 1,12  |
| 4605670 | 280113 | Bending tool for producing saddles, sharp-edged | 0,85  |
| 4605750 | 280114 | Bending tool for producing saddles              | 0,905 |
| 4605830 | 280115 | Bending tool for making diamond bends           | 0,695 |
| 4605910 | 280116 | Bending tool for high saddles                   | 1,17  |
| 4606050 | 280117 | Offset block                                    | 2,31  |

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|    | Weight (total)                                    |    | Square drive (external)                 |    | Unit Drive hexagon                        |
|     | Weight (total)                                    |    | Square drive (external)                 |    | Unit Drive bi-hexagon                     |
|     | Weight hammer head                                |   |   |    | Unit Drive                                |
|    | Length (total)                                    |   |   |    | Hexagon                                   |
|    | Length (total)                                    |    | Square drive (internal)                 |    | Bi-hexagon                                |
|    | Length (total)                                    |    | Square drive (internal)                 |    | Internal-TX                               |
|    | Length (total)                                    |   |   |    | Internal TX with pilot                    |
|    | Length of blade                                   |   |   |    | TX PLUS®                                  |
|    | Length of blade                                   |    | Hexagon drive (external)                |    | External TX                               |
|    | Length of shaft / handle                          |    | Hexagon drive (external)                |    | Internal serrations XZN                   |
|    | Length of point / blade                           |    | Hexagon drive (internal)                |    | Multi-spline RIBE®                        |
|    | Diameter (also dia. of head, of shaft, of points) |    | Hexagon drive (internal)                |    | Female three-square                       |
|    | Diameter  |    | Puller                                  |    | TORQ-SET®                                 |
|     | Diameter of hole (external)                       |    | Clamping spread                         |    | Tri-Wing®                                 |
|     | Diameter of hole (internal)                       |    | Clamping reach                          |    | Cutting edge thickness                    |
|  | Width across flats (Nominal Width)                |  | Size of spindle                         |  | Jaw width / tape width                    |
|  | Width across flats (Nominal Width)                |  | Hydraulic spindle                       |  | Head width                                |
|  | Width across flats (Nominal Width)                |  | Throat depth                            |  | VDE Test Symbol (Tool)                    |
|  | Width across flats (Nominal Width)                |  | Opening capacity                        |  | Test Symbol (Protective equipment)        |
|  | Width across flats (Nominal Width)                |  | Drive sections                          |  | For working in voltage areas up to 1000 V |
|  | Width across flats (Nominal Width)                |  | Slotted                                 |  | Wire rope                                 |
|  | Width across flats (Nominal Width)                |  | Cross-slotted PH                        |  | Jaws, angled 45°                          |
|  | Width across flats (Nominal Width)                |  | Cruciform PZ                            |  | Flat jaws                                 |
|  | Width across flats (Nominal Width)                |  | Internal square                         |  | Flat-round jaws                           |
|  | Width across flats (Nominal Width)                |  | Hexagon internal                        |  | Round jaws                                |
|  | Width across flats (Nominal Width)                |  | Internal hexagon with tamper proof hole |  | Straight jaws                             |
|  | Width across flats (Nominal Width)                |  | External hexagon                        |  | Flat-round jaws                           |
|  | Width across flats (Nominal Width)                |  | Bi-hexagon external                     |  | Round jaws                                |
|  | Thread size, connection thread                    |   |   |  | Cutting edge with bevel                   |
|  | Screw dimension (type of thread)                  |   |   |  | Cutting Edge with special bevel           |
|  | Ratchet used                                      |   |   |  | Cutting Edge with small bevel             |
|  | Ratchet used                                      |   |   |  | Cutting edge without bevel                |
|  | Ratchet used                                      |   |   |   |   |
|  | Ratchet used                                      |   |   |   |   |
|  | Ratchet used                                      |   |   |   |   |

|   |                                    |   |   |   |                                |
|---|------------------------------------|---|---|---|--------------------------------|
|    | Straight jaws                      |    | Drawer                                      |    | Central locking                |
|    | Angled jaws 45°                    |    | Door  |    | Cylinder lock                  |
|    | Angled jaws 90°                    |    | Shelf                                       |    | Cylinder lock with folding key |
|    | Internal retaining rings           |    | Pivoting angle                              |    | Total brake                    |
|    | External retaining rings           |    | Angle                                       |    | Length/crosswise dividers      |
|    | EPA / ESD, electrostatic discharge |    | Weld-on end fitting                         |    | Individual blocking            |
|    | Electronic                         |    | End fitting with hexagon wrench             |    | Thickness of workplate         |
|    | File profile flat                  |    | Open end fitting                            |    | Multi fitting key              |
|    | File profile three-edged           |    | Flared end fitting                          |    | Magnetic lifting power         |
|    | File profile round                 |    | Ring end fitting                            |    | Stepped key                    |
|    | File profile half-round            |    | End fitting with square head                |    | Head height                    |
|    | File profile square                |    | Bit holder end fitting                      |    | Head diameter                  |
|    | Blade / Cutting edge width         |    | Ratchet end fitting                         |    | Friction ratchet               |
|    | Blade thickness                    |    | Anti-wind-up-ratchet                        |    | Sliding T bar                  |
|   | Gear ratio                         |   | Factory certificate                         |   | Extension                      |
|  | Output torque (max. N-m)           |  | LED   |  | Universal joint                |
|  | Input torque (max. N-m)            |  | RS 232 interface                            |  | Driving handle                 |
|  | Scale divisions                    |  | Bi-directional tightening                   |  | Adaptor                        |
|  | Single square drive                |  | Audible reaction (click)                    |  | Handle                         |
|  | Double square drive                |  | Mechanical torque multiplier                |  | Head                           |
|  | Drive connector                    |  | Integrated electronic hardware              |  | Dimension shaft                |
|  | Spigot-end drive                   |  | DREMOMETER MINI-F operable w/o inaccuracies |  | Dimension head/striking face   |
|  | in cardboard or plastic packaging  |  | 1% Tolerance                                |  | Type of jaw                    |
|  | in sheet metal box                 |  | 3% Tolerance                                |  | POWER PLIERS                   |
|  | Set in sheet metal or plastic box  |  | 4% Tolerance                                |  | Tip diameter                   |
|  | Head width                         |  | 6% Tolerance                                |  | Tip diameter                   |
|  | Distance, hole to edge             |  | Extension with release                      |  | Spread range                   |
|  | GS Seal of tested quality          |  | Release head                                |  | NEW                            |
|  | magnetic                           |  | Click Tools                                 |  | Safety symbols                 |
|  | Radius                             |  | Slipping Tools                              |   |                                |
|   |                                    |  | Breaking Tools                              |   |                                |

**A**

|   |          |
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| Accessories Dremometer                    | 190      |
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| Adaptor                                   | 136, 176 |
| Adaptor for 7 R / 7 UR                    | 80       |
| Adaptor pieces for screwdriver bits 1/4"  | 174      |
| Adaptor pieces for screwdriver bits 5/16" | 179      |
| Adaptor set 1/4" - 3/4"                   | 114      |
| Aluminium prybar                          | 357      |
| Aluminium reversible ratchet 1/2"         | 127      |
| Angled combination pliers                 | 250      |
| Anti-freeze testers                       | 369      |
| Arc punches                               | 381      |
| Automatic centre punch                    | 354      |

**B**

|                                     |               |
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| Bending former                      | 426, 429      |
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|                                      |          |
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**C**

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| Carpenter's hammer with magnet              | 345                |
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## C

|   |  |  |                            |
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## S

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