



TORQUE TOOLS

DREMOMETER AM-F, A+S
›268



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TORQUE COMPETENCE FROM 0.02 TO 54,000 N·M

Maximum production depth from a single source

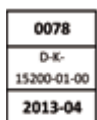
- › Use of the very best steel grades, state-of-the-art machinery and environmentally-friendly production processes
- › Our tool experts guarantee precision-like processing and permanent development
- › Precise adherence to stringent testing and measuring specifications are proof of maximum product quality.
- › Large selection of mechanical and electronic torque wrenches, test equipment, torque multipliers and accessories
- › Available individually or in practical sets
- › Tailored service packages through to development of special customised tools

Maximum control during production guarantees a constantly high level.

- › All parts incorporated in the production process - from steel to the smallest spring - are controlled while all manufacturing and work steps are subject to stringent quality controls.
- › After assembly, adjustment and calibration, torque tools are tested for accuracy in the end control stage and given a serial number (unique product identification) and factory test certificate in accordance with the applicable DIN EN ISO standard.
- › Within the framework of regular continuous tests, processing quality, repeat accuracy and durability are tested. The results of these tests are integrated directly in optimising the production process.

Controlled screw tightening - reliable and safe for more than 50 years

- › Top-grade industrial quality for the hardest of continuous uses
- › Torque tools are measuring equipment. Over the long term, the high accuracy can only be assured in the form of regular tests (recalibration, recommended once a year or after 5000 load cycles)



Top-level authorised calibration and competent control













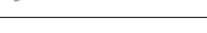











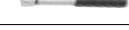

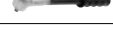

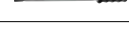






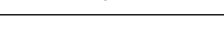












- › Own accredited DAkkS calibration laboratory for torques with (licence for testing in acc. with DAkkS guidelines DKD 3-7/3-8/DIN EN ISO 6789:2003) the registration number: D-K-15200-01-00
- › National co-operation partner to the German Calibration Service (DAkkS) since accreditation (DIN EN ISO/IEC 17025) and authorisation by PTB in 2000
- › Official examination of all test and measuring equipment once a year in the DAkkS laboratory by the Physikalisch-Technische Bundesanstalt in Braunschweig (PTB)
- › Internal precision testing of all test and measuring equipment at least once every 3 months

Our all-round service - qualified and customised

We offer you a wide range of services, which can be matched quite individually to your requirements. Your problems are our challenges. We can offer you qualified tailormade support in the following areas:

- › In-house calibration according to DIN EN ISO 6789:2003
- › DAkkS calibration in our own accredited DAkkS calibration laboratory
- › Repair service for our own brands
- › Demonstration/hire tools at favourable prices
- › Competent advice via our service telephone
- › Problem solving with the aid of our technical field service
- › Product training (internal and external)
- › Product presentations (internal and external)
- › Involvement in your in-house fairs
- › Special solutions in the engineering field/GEDORE SOLUTIONS

OVERVIEW OF GEDORE TORQUE TOOLS

| Page | Series/Type | | Precision +/- | Drive | Ratchet | Scale | Operation length independent | Release types |
|--|-------------------|---|---------------|-------------|----------------------------------|----------------------------------|----------------------------------|---|
| 0,4 – 3.000 N-m Mechanische Drehmomentschlüssel | | | | | | | | |
| 282 | Dremometer Mini |  | 3% | 1/4" | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | ①  |
| 268 | Dremometer AM - F |  | 3% | 1/4" ▶ 1/2" | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | ①  |
| 283 | Dremometer Z |  | 3% | 16 22 28 | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ①  |
| 284 | Dremometer SE |  | 3% | 9x12 14x18 | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ①  |
| 282 | Dremometer FS |  | 6% | 1/4" | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | ①  |
| 290 | Dremometer DMK |  | 3% | 1/2" ▶ 3/4" | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ①  |
| 291 | Dremometer DMUK |  | 3% | 1/2" | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ①  |
| 292 | Dremometer DMZ |  | 3% | 16 22 | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ①  |
| 293 | Dremometer DMSE |  | 3% | 9x12 14x18 | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ①  |
| 295 | Torcofix K |  | 3% | 1/4" ▶ 3/4" | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ①  |
| 296 | Torcofix Z |  | 3% | 16 22 | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ①  |
| 297 | Torofix SE |  | 3% | 9x12 14x18 | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ①  |
| 298 | Torcofix FS |  | 3% | 9x12 14x18 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | ①  |
| 305 | TSN Slipper |  | 4% | 1/4" ▶ 1/4" | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | ③  |
| 308 | TBN Knicker |  | 4%, 6% | 16 9x12 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | ②  |
| 306 | TSP Slipper |  | 6% | 1/4" ▶ 1/2" | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | ③  |
| 306 | TSC Slipper |  | 6% | 1/4" | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | ③  |
| 310 | Typ 83 |  | 4% | 1/4" ▶ 1" | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | |
| 309 | Typ 88 |  | 4% | 3/4" 22 | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ②  |
| 0,04 – 13,6 N-m Torque screwdriver | | | | | | | | |
| 301 | Typ 755 FS |  | 6% | 1/4" | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ③  |
| 302 | Typ 756 S |  | 6% | 1/4" | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ③  |
| 303 | Typ 757 S |  | 6% | 1/4" | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ③  |
| 303 | Typ 758 SP |  | 6% | 1/4" | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | |
| 2 – 1.000 N-m Electr. torque wrench | | | | | | | | |
| 312 | E-Torc II |  | 1% | 1/4" | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | |
| 313 | Torcotronic III |  | 1% | 1/2" | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | |
| 0,2 – 3.150 N-m Torque testers | | | | | | | | |
| 314 | Dremotest E |  | 1% | 1/4" ▶ 1/2" | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| 315 | E-TP |  | 1% | 1/4" ▶ 1/2" | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |

Range N·m

0 5 10 15 20 40 60 80 100 150 200 300 400 500 750 1000 1500 2000

Mech. torque wrench

| |
|-----------------|
| 2,5 – 12 N·m |
| 6 – 3.000 N·m |
| 8 – 1.000 N·m |
| 8 – 400 N·m |
| 5 – 12 N·m |
| 20 – 850 N·m |
| 20 – 300 N·m |
| 20 – 850 N·m |
| 20 – 400 N·m |
| 1 – 850 N·m |
| 2 – 850 N·m |
| 2 – 400 N·m |
| 2 – 200 N·m |
| 5 – 125 N·m |
| 0,4 – 135 N·m |
| 1 – 10 N·m |
| 1 – 10 N·m |
| 0,8 – 2.000 N·m |
| 100 – 1.500 N·m |

Torque screwdriver

| |
|-----------------|
| 0,04 – 13,6 N·m |
| 0,08 – 9 N·m |
| 0,2 – 9 N·m |
| 0,1 – 5,0 N·m |

Electr. torque wrench

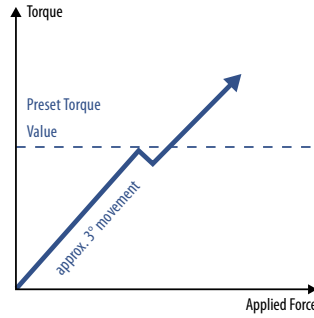
| |
|---------------|
| 2 – 1.000 N·m |
| 10 – 350 N·m |

Torque testers

| |
|-----------------|
| 0,2 – 3.150 N·m |
| 0,5 – 3.150 N·m |

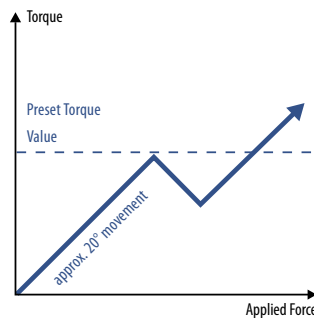
Different Torque Tool Mechanisms

① **Click Tools**
Overtightening Possible



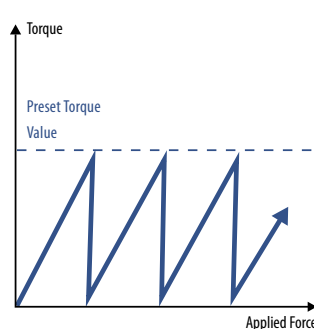
When the preset torque value is reached the operator will hear a click, feel an impulse and there will be approximately 3° of tool movement. Resetting takes place when the hand pressure is released. Work can then immediately continue. These tools are generally length dependent (exception DREMOMETER models AM - F), the position of the hand on the tool alters the torque produced. Continued application of force after the 3° of movement will cause the torque applied to increase above the required preset limit.

② **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.

③ **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.

DREMOMETER PERMANENT PRECISION

Torque wrench made of high-strength aluminium alloy



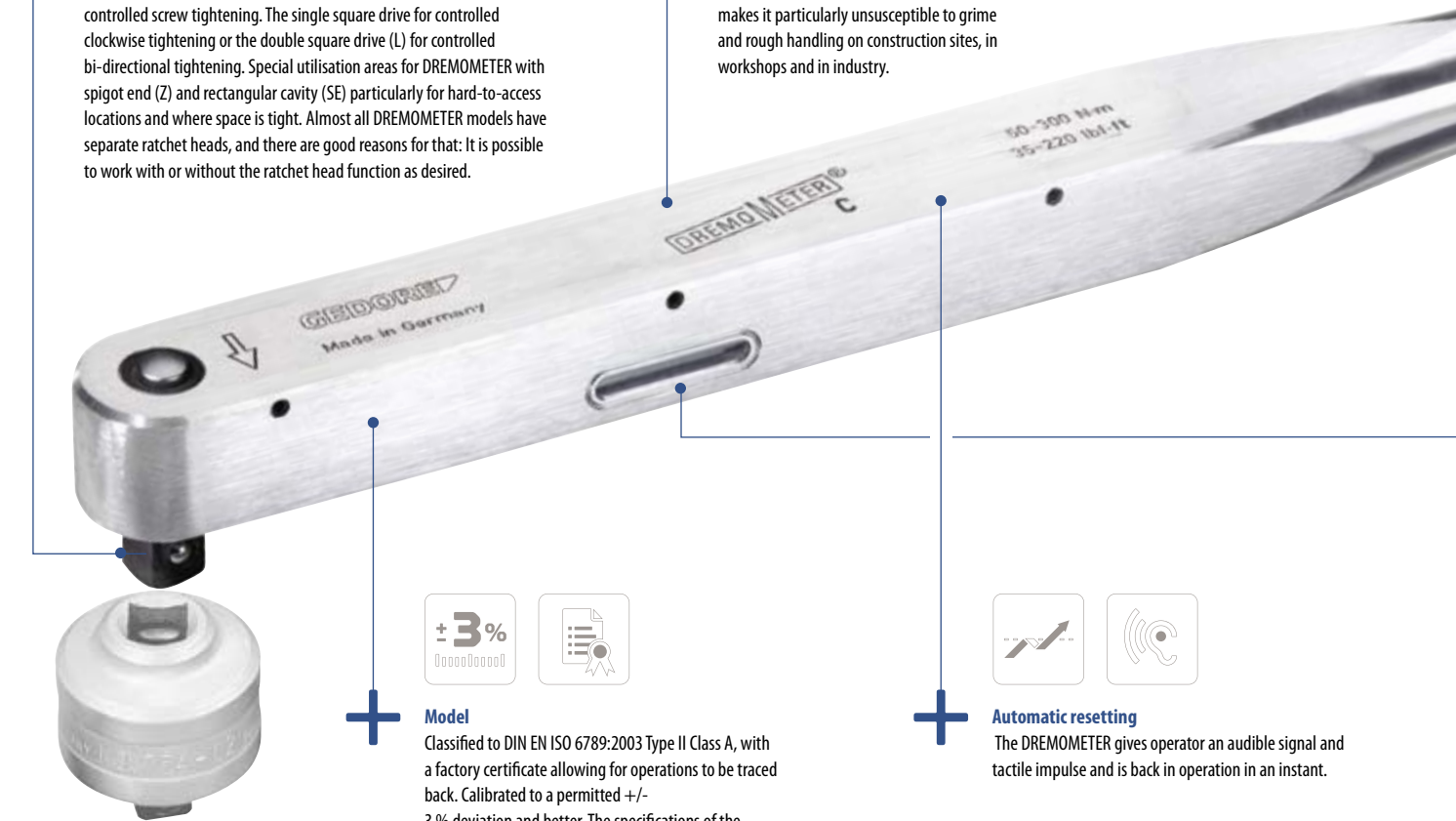
Drive in accordance with application

DREMOMETERS are available for a large variety of applications in controlled screw tightening. The single square drive (L) for controlled clockwise tightening or the double square drive (L) for controlled bi-directional tightening. Special utilisation areas for DREMOMETER with spigot end (Z) and rectangular cavity (SE) particularly for hard-to-access locations and where space is tight. Almost all DREMOMETER models have separate ratchet heads, and there are good reasons for that: It is possible to work with or without the ratchet head function as desired.



Robust and unsusceptible

The full-metal construction of the DREMOMETER makes it particularly unsusceptible to grime and rough handling on construction sites, in workshops and in industry.



Model

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.



Automatic resetting

The DREMOMETER gives operator an audible signal and tactile impulse and is back in operation in an instant.



\square 1/4 - 1/2 6-3000 N·m



\square L 1/4 - 1 6-2000 N·m



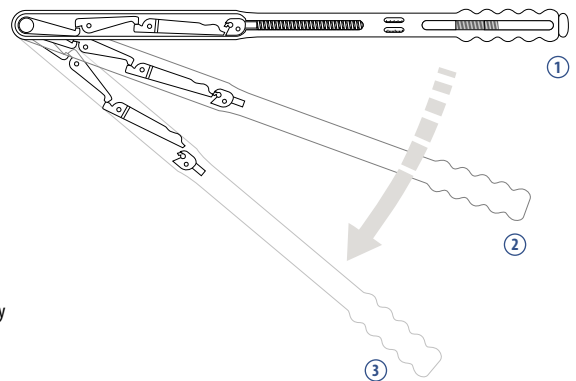
Z 16 22 28 8-1000 N·m



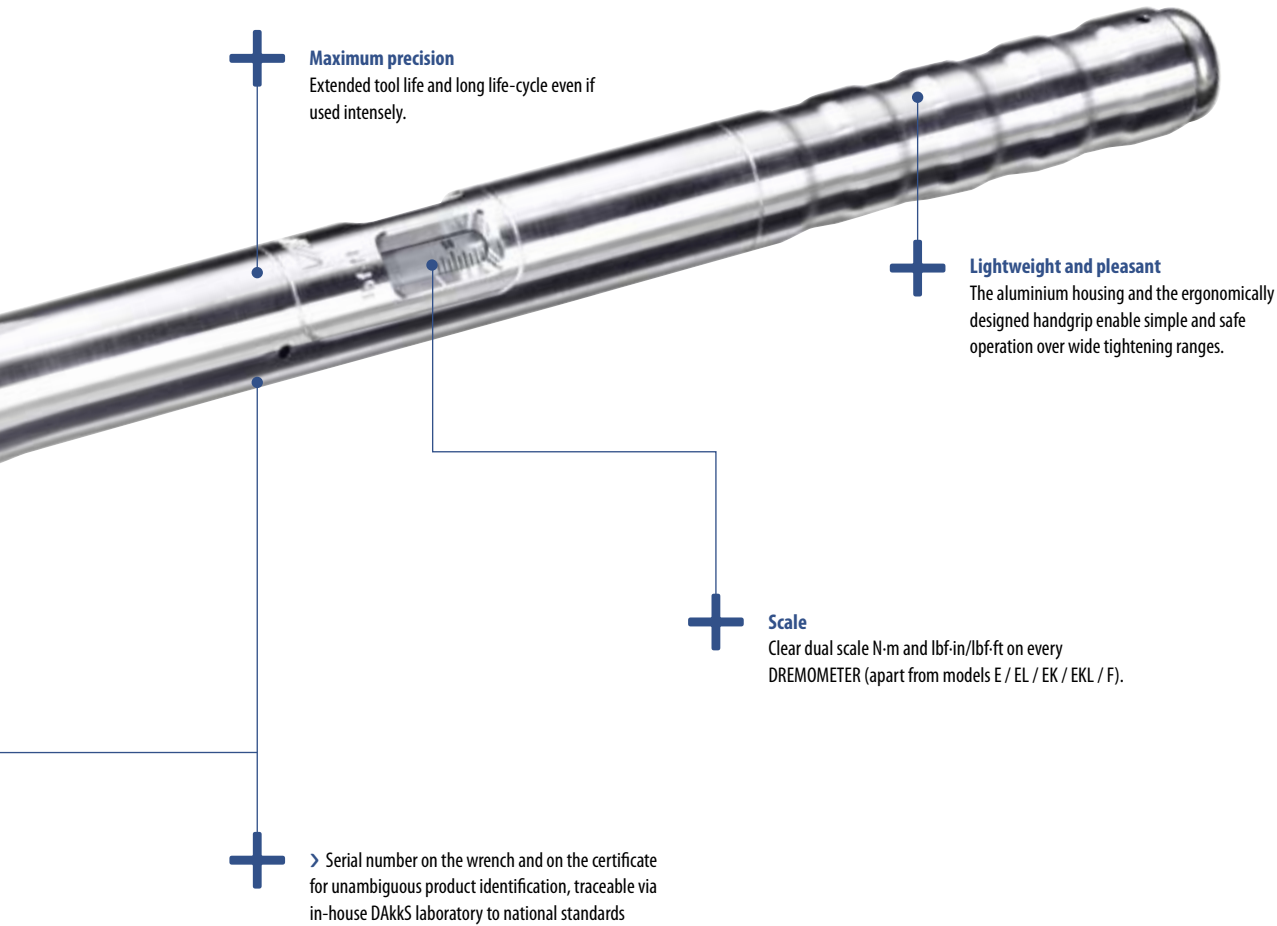
SE 9x12 14x18 8-400 N·m

i 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.



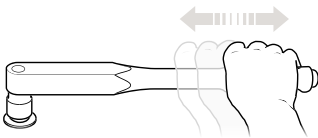
- ① Position of the lever chain without impact of force (in starting position).
- ② Position of the lever chain with impact of force before the set torque is achieved. The force is transferred from the primary lever to the intermediary and final lever until the final lever slips past the so-called release 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).



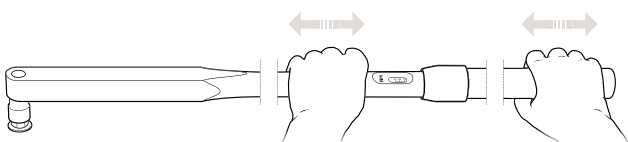
DREMOMETER

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.

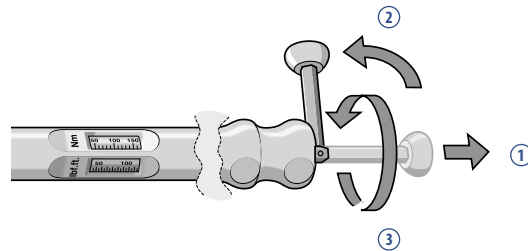


However, value shifts are possible when activating the DREMOMETER with special wrenches or when using wrenches with different depth gauges.



Features

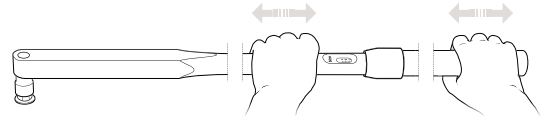
Setting of the torque value to N-m or alternatively to lbf-in / lbf-ft by the non-losable hexagon key in the handgrip. The smooth-running mechanism enables the setting to be made quickly without significant force needing to be applied.



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

DREMOMETER THE ORIGINAL

Lightweight and sturdy, very workshop-friendly
Maximum precision even when subjected to extreme
continuous use.



| Drive | Range N-m |
|--|-------------------------------------|
| 6.3 1/4" | 6 – 30 N-m AM / AML |
| 10 3/8" | 8 – 40 N-m A / AL |
| 12.5 1/2" Type B, BC, C with push-button release | 25 – 120 N-m B / BL |
| | 40 – 200 N-m BC / BCL |
| | 60 – 300 N-m C / CL |
| 20 3/4" | 80 – 360 N-m CD / CDL |
| | 110 – 550 N-m DS / DSL |
| | 155 – 760 N-m D / DL DR / DRL |
| 25 1" | 520 – 1.000 N-m DX / DXL |
| | 600 – 1.500 N-m EK / EKL |
| 40 1 1/2" | 750 – 2.000 N-m E / EL |
| | 1.500 – 3.000 N-m F |



All the benefits at a single glance

Square drive

- > In the DREMOMETER, the output square drive and the pivot point of the primary lever are situated on a single axis.
- > Advantage: The absolute accuracy always remains unchanged in every case. Even if the tool is operated outside of the handgrip or with an extension tube.
- > This ensures a high degree of user safety; can be extended to reduce the user's working load.

Lever chain

- > The integrated lever chain reduces the strain on the measuring mechanics to a minimum which means that the measuring mechanics can thus be constructed with much greater sensitivity.
- > Advantage: High accuracy and a long life cycle.
- > Extremely low wear

Double square drive

- > DREMOMETER models (except model F) having a double square drive are available on request. Apart from that, separate ratchet heads are available for almost all models (except model F).
- > Advantage: Controlled counter-clockwise tightening and work in very narrow spaces are possible without any problems.

Scale

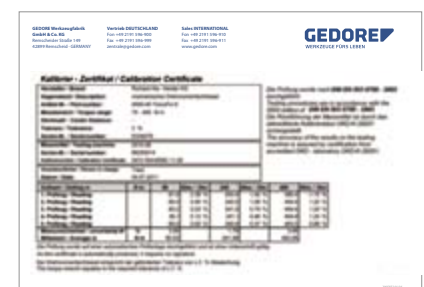
- > Two scales on each DREMOMETER indicate N-m and the common US unit of torque measurement (apart from types E - F).
- > Advantage: Exact reading even for lbf-in or lbf-ft.
- > Easy operation - fast and safe torque tightening

Handgrip

- > The nice-to-hold handgrip enables safe work and less operator fatigue. The full-metal construction makes DREMOMETER models particularly robust.
- > Advantage: A high level of dependability even following tough long term work.

Test certificate

- > All DREMOMETER models include a test certificate according to DIN EN ISO 6789:2003.
- > Advantage: Guaranteed accuracy +/- 3 % of the adjusted scale value. The specification of the standard (+/- 4 %) is exceeded.



| Type | N-m | lbf-in | lbf-ft | Scale | Tube | Code | No. |
|------|---------------|----------|-----------|--------------------|-------------------|---------|---------|
| AM | 6 – 30 | 50 – 270 | – | 1 N-m / 10 lbf-in | – | 7775440 | 8554-01 |
| AML | 6 – 30 | 50 – 270 | – | 1 N-m / 10 lbf-in | – | 7775870 | 8559-01 |
| A | 8 – 40 | 70 – 350 | – | 5 N-m / 50 lbf-in | – | 7682000 | 8560-01 |
| AL | 8 – 40 | 70 – 350 | – | 5 N-m / 50 lbf-in | – | 7682190 | 8565-01 |
| B | 25 – 120 | – | 18 – 90 | 5 N-m / 5 lbf-in | – | 7683320 | 8561-01 |
| BL | 25 – 120 | – | 18 – 90 | 5 N-m / 5 lbf-in | – | 7683400 | 8566-01 |
| BC | 40 – 200 | – | 30 – 150 | 5 N-m / 5 lbf-in | – | 7685530 | 8573-01 |
| BCL | 40 – 200 | – | 30 – 150 | 5 N-m / 5 lbf-in | – | 7683670 | 8578-00 |
| C | 60 – 300 | – | 45 – 220 | 5 N-m / 5 lbf-in | – | 7685450 | 8562-10 |
| CL | 60 – 300 | – | 45 – 220 | 5 N-m / 5 lbf-in | – | 7685960 | 8567-10 |
| CD | 80 – 360 | – | 60 – 260 | 5 N-m / 5 lbf-in | – | 7688470 | 8570-10 |
| CDL | 80 – 360 | – | 60 – 260 | 5 N-m / 5 lbf-in | – | 7688710 | 8575-10 |
| DS | 110 – 550 | – | 80 – 400 | 10 N-m / 10 lbf-in | – | 1427156 | 8574-10 |
| DSL | 110 – 550 | – | 80 – 400 | 10 N-m / 10 lbf-in | – | 1427121 | 8579-10 |
| D | 155 – 760 | – | 115 – 560 | 10 N-m / 10 lbf-in | – | 7691500 | 8563-10 |
| DL | 155 – 760 | – | 115 – 560 | 10 N-m / 10 lbf-in | – | 7691850 | 8568-10 |
| DR | 155 – 760 | – | 115 – 560 | 10 N-m / 10 lbf-in | 8571-80 | 7670180 | 8563-01 |
| DRL | 155 – 760 | – | 115 – 560 | 10 N-m / 10 lbf-in | 8571-80 | 7670500 | 8568-01 |
| DX | 520 – 1.000 | – | 380 – 730 | 10 N-m / 10 lbf-in | 8571-80 | 7694010 | 8571-01 |
| DXL | 520 – 1.000 | – | 380 – 730 | 10 N-m / 10 lbf-in | 8571-80 | 7694360 | 8576-01 |
| EK | 600 – 1.500 | – | – | 25 N-m | 8564-92 | 2311267 | 8581-01 |
| EKL | 600 – 1.500 | – | – | 25 N-m | 8564-92 | 2311291 | 8586-01 |
| E | 750 – 2.000 | – | – | 50 N-m | 8564-92 / 8572-74 | 7695250 | 8564-01 |
| EL | 750 – 2.000 | – | – | 50 N-m | 8564-92 / 8572-74 | 7695410 | 8569-01 |
| F | 1.500 – 3.000 | – | – | 50 N-m | 8564-92 / 8572-74 | 7717160 | 8572-01 |



Torque Tools

8554 AM - 8559 AML TORQUE WRENCH DREMOMETER

6-30 N·m / 50-270 lbf·in

Use:

- > Controlled screw tightening in the range 6-30 N·m / 50-270 lbf·in
- > For use in almost all industrial manufacturing areas

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3% tolerance of scale set torque. The specification of the standard (+/- 4%) is exceeded.
- > 1/4" square drive with ball locking device DIN 3120 - A 6.3 ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 1 N·m and 10 lbf·in

Technical advantage/Function:

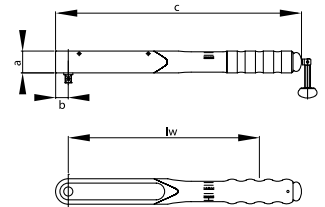
- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



AM



8554-03



| Type | ■" | ■ | Contents | N·m | lbf·in | lw | a | b | c | 📏 | ⚖️ | Code | No. |
|------|-----|-----|---|------|--------|-----|----|----|-----|-------------------|-------|---------|---------|
| AM | 1/4 | 6.3 | in plastic box | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 0.580 | 7775440 | 8554-01 |
| AM | 1/4 | 6.3 | in plastic cassette | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 0.910 | 7674090 | 8554-02 |
| AM | 1/4 | 6.3 | Set mm ○ 8 9 10 11 12 13 14 ⊕ 3 ⊖ 5.5 ⊙ 4 5 6 8 ● T20 T27 T30 🗑️ 754-00 ← 55 + 97 mm | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 1.300 | 7674170 | 8554-03 |
| AM | 1/4 | 6.3 | Set INCH ○ 9/32 5/16 11/32 3/8 7/16 1/2 9/16 ⊕ 3 ⊖ 5.5 ⊙ 4 5 6 8 ● T20 T27 T30 🗑️ 754-00 ← 55 + 97 mm | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 1.300 | 7674410 | 8554-04 |
| AML | 1/4 | 6.3 | in plastic box | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 0.580 | 7775870 | 8559-01 |
| AML | 1/4 | 6.3 | in plastic cassette | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 0.910 | 7673790 | 8559-02 |
| AML | 1/4 | 6.3 | Set mm ○ 8 9 10 11 12 13 14 ⊕ 3 ⊖ 5.5 ⊙ 4 5 6 8 ● T20 T27 T30 🗑️ 754-00 ← 55 + 97 mm | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 1.300 | 7675060 | 8559-03 |
| AML | 1/4 | 6.3 | Set INCH ○ 9/32 5/16 11/32 3/8 7/16 1/2 9/16 ⊕ 3 ⊖ 5.5 ⊙ 4 5 6 8 ● T20 T27 T30 🗑️ 754-00 ← 55 + 97 mm | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 N·m / 10 lbf·in | 1.300 | 7675140 | 8559-04 |

8560 A - 8565 AL TORQUE WRENCH DREMOMETER

8-40 N·m / 70-350 lbf·in

Use:

- > Controlled screw tightening in the range 8-40 N·m / 70-350 lbf·in
- > For use in almost all industrial manufacturing areas

Features:

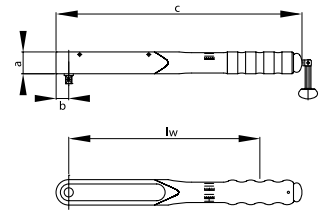
- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 3/8" square drive with ball locking device DIN 3120 - A 10, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 5 N·m and 50 lbf·in

Technical advantage/Function:

- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



8560-03



| Type | □" | ■ | Contents | N·m | lbf·in | lw | a | b | c | | | Code | No. |
|------|-----|----|---|------|--------|-----|----|------|-----|-------------------|-----|---------|---------|
| A | 3/8 | 10 | in plastic box | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | 5 N·m / 50 lbf·in | 1.0 | 7682000 | 8560-01 |
| A | 3/8 | 10 | in a sheet-metal case | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | 5 N·m / 50 lbf·in | 2.2 | 7682270 | 8560-02 |
| A | 3/8 | 10 | Set mm ○ 8 10 11 13 14 15 17 19 ● 4 5 6 8 ⊗ 754-01 125 + 250 mm | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | 5 N·m / 50 lbf·in | 3.1 | 7682430 | 8560-03 |
| A | 3/8 | 10 | Set INCH ○ 3/8 7/16 1/2 9/16 19/32 5/8 11/16 ● 1/4 5/16 3/8 ⊗ 754-01 125 + 250 mm | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | 5 N·m / 50 lbf·in | 3.0 | 7683160 | 8560-04 |
| AL | 3/8 | 10 | in plastic box | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | 5 N·m / 50 lbf·in | 1.0 | 7682190 | 8565-01 |
| AL | 3/8 | 10 | in a sheet-metal case | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | 5 N·m / 50 lbf·in | 2.2 | 7682350 | 8565-02 |
| AL | 3/8 | 10 | Set mm ○ 8 10 11 13 14 15 17 19 ● 4 5 6 8 ⊗ 754-01 125 + 250 mm | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | 5 N·m / 50 lbf·in | 3.1 | 7682940 | 8565-03 |
| AL | 3/8 | 10 | Set INCH ○ 3/8 7/16 1/2 9/16 19/32 5/8 11/16 ● 1/4 5/16 3/8 ⊗ 754-01 125 + 250 mm | 8-40 | 70-350 | 262 | 30 | 17.5 | 338 | 5 N·m / 50 lbf·in | 3.0 | 7683240 | 8565-04 |

8561 B - 8566 BL

TORQUE WRENCH DREMOMETER

25-120 N·m / 18-90 lbf·ft

Use:

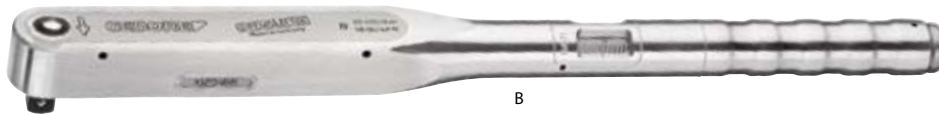
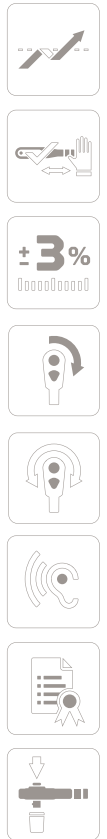
- > Controlled screw tightening in the range 25-120 N-m / 18-90 lbf-ft
- > For use in almost all industrial manufacturing areas

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 1/2" square drive with ball locking device DIN 3120 - A 12.5, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 5 N-m and 5 lbf-ft
- > **With push-button release**

Technical advantage/Function:

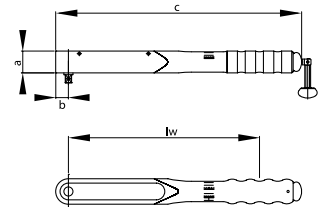
- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



8561-03



BR



| Type | □" | ■ | Contents | N-m | lbf-ft | lw | a | b | c | Tube | Scale | Code | No. |
|------|-----|------|---|--------|--------|-----|----|------|-----|----------|------------------|------|------------------|
| BR | 1/2 | 12.5 | in plastic box with ALU extension tube | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | 8577-350 | 5 N-m / 5 lbf-ft | 2.2 | 2926989 8561-001 |
| B | 1/2 | 12.5 | in plastic box | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | 5 N-m / 5 lbf-ft | 1.5 | 7683320 8561-01 |
| B | 1/2 | 12.5 | in a sheet-metal case | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | 5 N-m / 5 lbf-ft | 2.8 | 7683830 8561-02 |
| B | 1/2 | 12.5 | Set mm ○ 11 13 14 17 19 22 24 ● 6 8 10 12 754-02 ← 76 + 125 + 250 mm | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | 5 N-m / 5 lbf-ft | 4.7 | 7684480 8561-03 |
| B | 1/2 | 12.5 | Set INCH ○ 7/16 1/2 9/16 19/32 5/8 11/16 3/4 25/32 13/16 7/8 15/16 1" ● 5/16 3/8 1/2" 754-02 ← 76 + 125 + 250 mm | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | 5 N-m / 5 lbf-ft | 5.3 | 7684990 8561-04 |
| BL | 1/2 | 12.5 | in plastic box | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | 5 N-m / 5 lbf-ft | 1.5 | 7683400 8566-01 |
| BL | 1/2 | 12.5 | in a sheet-metal case | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | 5 N-m / 5 lbf-ft | 2.8 | 7684130 8566-02 |
| BL | 1/2 | 12.5 | Set mm ○ 11 13 14 17 19 22 24 ● 6 8 10 12 754-02 ← 76 + 125 + 250 mm | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | 5 N-m / 5 lbf-ft | 4.7 | 7684640 8566-03 |
| BL | 1/2 | 12.5 | Set INCH ○ 7/16 1/2 9/16 19/32 5/8 11/16 3/4 25/32 13/16 7/8 15/16 1" ● 5/16 3/8 1/2" 754-02 ← 76 + 125 + 250 mm | 25-120 | 18-90 | 373 | 30 | 17.5 | 462 | - | 5 N-m / 5 lbf-ft | 5.3 | 7685100 8566-04 |

8573 BC - 8578 BCL TORQUE WRENCH DREMOMETER

40-200 N·m / 30-150 lbf·ft

Use:

- > Controlled screw tightening in the range 40-200 N·m / 30-150 lbf·ft
- > For use in almost all industrial manufacturing areas

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 1/2" square drive with ball locking device DIN 3120 - A 12.5, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 5 N·m and 5 lbf·ft
- > **With push-button release**

Technical advantage/Function:

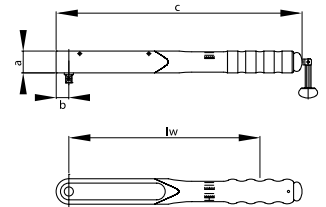
- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



BC



8573-03



| Type | □" | ■" | Contents | N·m | lbf·ft | lw | a | b | c | | | Code | No. |
|------|-----|------|---|--------|--------|-----|----|------|-----|------------------|-----|---------|---------|
| BC | 1/2 | 12.5 | in plastic box | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | 5 N·m / 5 lbf·ft | 1.4 | 7685530 | 8573-00 |
| BC | 1/2 | 12.5 | in a sheet-metal case | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | 5 N·m / 5 lbf·ft | 3.5 | 7683590 | 8573-02 |
| BC | 1/2 | 12.5 | Set mm ○ 11 13 14 17 19 21 22 24 27 ● 6 8 10 12 ⊗ 754-02 125 + 250 mm | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | 5 N·m / 5 lbf·ft | 5.1 | 7683910 | 8573-03 |
| BC | 1/2 | 12.5 | Set INCH ○ 1/2 9/16 5/8 11/16 3/4 13/16 7/8" ● 5/16 3/8 1/2 9/16" ⊗ 754-02 125 + 250 mm | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | 5 N·m / 5 lbf·ft | 4.9 | 7684720 | 8573-04 |
| BCL | 1/2 | 12.5 | in plastic box | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | 5 N·m / 5 lbf·ft | 1.3 | 7683670 | 8578-00 |
| BCL | 1/2 | 12.5 | in a sheet-metal case | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | 5 N·m / 5 lbf·ft | 3.5 | 7683750 | 8578-02 |
| BCL | 1/2 | 12.5 | Set mm ○ 11 13 14 17 19 21 22 24 27 ● 6 8 10 12 ⊗ 754-02 125 + 250 mm | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | 5 N·m / 5 lbf·ft | 5.1 | 7684050 | 8578-03 |
| BCL | 1/2 | 12.5 | Set INCH ○ 1/2 9/16 5/8 11/16 3/4 13/16 7/8" ● 5/16 3/8 1/2 9/16" ⊗ 754-02 125 + 250 mm | 40-200 | 30-150 | 463 | 30 | 17.5 | 551 | 5 N·m / 5 lbf·ft | 4.9 | 7684210 | 8578-04 |



8562 C - 8567 CL

TORQUE WRENCH DREMOMETER

60-300 N·m / 45-220 lbf·ft

Use:

- > Controlled screw tightening in the range 60-300 N·m / 45-220 lbf·ft
- > For use in almost all industrial manufacturing areas

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 1/2" square drive with ball locking device DIN 3120 - A 12.5, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 5 N·m and 5 lbf·ft
- > **With push-button release**

Technical advantage/Function:

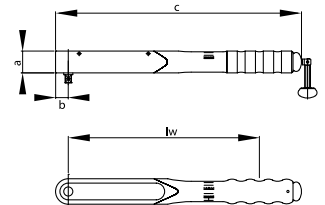
- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



8562-30



CR



| Type | □ | ■ | Contents | N·m | lbf·ft | lw | a | b | c | Tube | 📏 | ⚖️ | Code | No. |
|------|-----|------|---|--------|--------|-----|----|------|-----|----------|------------------|-----|---------|----------|
| CR | 1/2 | 12.5 | 📏 in plastic box with ALU extension tube | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | 8577-700 | 5 N·m / 5 lbf·ft | 2.7 | 2926997 | 8562-001 |
| C | 1/2 | 12.5 | 📏 in plastic box | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | — | 5 N·m / 5 lbf·ft | 2.0 | 7685450 | 8562-10 |
| C | 1/2 | 12.5 | 📏 in a sheet-metal case | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | — | 5 N·m / 5 lbf·ft | 3.6 | 7686340 | 8562-20 |
| C | 1/2 | 12.5 | 📏 Set mm ⊙ 17 19 22 24 27 30 32 ● 8 10 12 14 ⊕ 754-02 📏 76 + 125 + 250 mm | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | — | 5 N·m / 5 lbf·ft | 6.0 | 7687070 | 8562-30 |
| C | 1/2 | 12.5 | 📏 Set INCH ⊙ 3/4 25/32 13/16 7/8 15/16 1" 1.1/16 1.1/8 1.1/4" ● 3/8 1/2 9/16 5/8" ⊕ 754-02 📏 76 + 125 + 250 mm | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | — | 5 N·m / 5 lbf·ft | 6.2 | 7687820 | 8562-40 |
| CL | 1/2 | 12.5 | 📏 in plastic box | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | — | 5 N·m / 5 lbf·ft | 2.0 | 7685960 | 8567-10 |
| CL | 1/2 | 12.5 | 📏 in a sheet-metal case | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | — | 5 N·m / 5 lbf·ft | 3.6 | 7686690 | 8567-20 |
| CL | 1/2 | 12.5 | 📏 Set mm ⊙ 17 19 22 24 27 30 32 ● 8 10 12 14 ⊕ 754-02 📏 76 + 125 + 250 mm | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | — | 5 N·m / 5 lbf·ft | 6.0 | 7687310 | 8567-30 |
| CL | 1/2 | 12.5 | 📏 Set INCH ⊙ 3/4 25/32 13/16 7/8 15/16 1" 1.1/16 1.1/8 1.1/4" ● 3/8 1/2 9/16 5/8" ⊕ 754-02 📏 76 + 125 + 250 mm | 60-300 | 45-220 | 529 | 30 | 17.5 | 617 | — | 5 N·m / 5 lbf·ft | 6.2 | 7688120 | 8567-40 |

8570 CD - 8575 CDL TORQUE WRENCH DREMOMETER

80-360 N·m / 60-260 lbf·ft

Use:

- > Controlled screw tightening in the range 80-360 N·m / 60-260 lbf·ft
- > For use in almost all industrial manufacturing areas

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 3/4" square drive with pin-locking mechanism as per DIN 3120 - B 20, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 5 N·m and 5 lbf·ft

Technical advantage/Function:

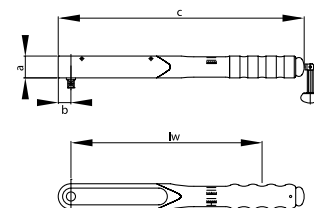
- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



8570-30



CDR



| Type | ■" | ■ | Contents | N·m | lbf·ft | lw | a | b | c | Tube | 📏 | ⚖️ | Code | No. |
|------|-----|----|--|--------|--------|-----|----|------|-----|----------|------------------|------|---------|----------|
| CDR | 3/4 | 20 | in plastic box with ALU extension tube | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | 8577-700 | 5 N·m / 5 lbf·ft | 3.1 | 2927004 | 8570-001 |
| CD | 3/4 | 20 | in plastic box | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | 5 N·m / 5 lbf·ft | 2.4 | 7688470 | 8570-10 |
| CD | 3/4 | 20 | in a sheet-metal case | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | 5 N·m / 5 lbf·ft | 6.2 | 7689280 | 8570-20 |
| CD | 3/4 | 20 | Set mm ○ 19 22 24 27 30 32 🔗 754-04 → 200 + 400 mm | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | 5 N·m / 5 lbf·ft | 11.0 | 7689950 | 8570-30 |
| CD | 3/4 | 20 | Set INCH ○ 7/8 15/16 1" 1.1/8 1.1/4 1.3/8 1.1/2 1.5/8" 🔗 754-04 → 200 + 400 mm | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | 5 N·m / 5 lbf·ft | 11.3 | 7690530 | 8570-40 |
| CDL | 3/4 | 20 | in plastic box | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | 5 N·m / 5 lbf·ft | 2.4 | 7688710 | 8575-10 |
| CDL | 3/4 | 20 | in a sheet-metal case | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | 5 N·m / 5 lbf·ft | 6.2 | 7689520 | 8575-20 |
| CDL | 3/4 | 20 | Set mm ○ 19 22 24 27 30 32 🔗 754-04 → 200 + 400 mm | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | 5 N·m / 5 lbf·ft | 11.0 | 7690290 | 8575-30 |
| CDL | 3/4 | 20 | Set INCH ○ 7/8 15/16 1" 1.1/8 1.1/4 1.3/8 1.1/2 1.5/8" 🔗 754-04 → 200 + 400 mm | 80-360 | 60-260 | 624 | 30 | 22.5 | 717 | - | 5 N·m / 5 lbf·ft | 11.3 | 7691180 | 8575-40 |

8574 DS - 8579 DSL TORQUE WRENCH DREMOMETER

110-550 N·m / 80-400 lbf·ft

Use:

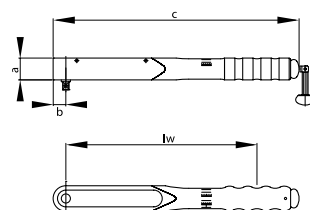
- > Controlled screw tightening in the range 110-550 N·m / 80-400 lbf·ft
- > For use in almost all industrial manufacturing areas

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 3/4" square drive with pin-locking mechanism DIN 3120 - B 20, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 10 N·m and 10 lbf·ft

Technical advantage/Function:

- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



| Type | □" | ■ | Contents | N·m | lbf·ft | lw | a | b | c | | | Code | No. |
|------|-----|----|-----------------------|---------|--------|-----|----|------|-----|--------------------|-----|---------|---------|
| DS | 3/4 | 20 | in plastic box | 110-550 | 80-400 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 2.9 | 1427156 | 8574-10 |
| DS | 3/4 | 20 | in a sheet-metal case | 110-550 | 80-400 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 6.7 | 1436112 | 8574-20 |
| DSL | 3/4 | 20 | in plastic box | 110-550 | 80-400 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 2.9 | 1427121 | 8579-10 |
| DSL | 3/4 | 20 | in a sheet-metal case | 110-550 | 80-400 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 6.7 | 1436120 | 8579-20 |

920 / 922 >565

754 >281

DVV-40ZRS >335

8563 D - 8568 DL

TORQUE WRENCH DREMOMETER

155-760 N·m / 115-560 lbf·ft

Use:

- > Controlled screw tightening in the range 155-760 N·m / 115-560 lbf·ft
- > For use in almost all industrial manufacturing areas

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 3/4" square drive with pin-locking mechanism DIN 3120 - B 20, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 10 N·m and 10 lbf·ft

Technical advantage/Function:

- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



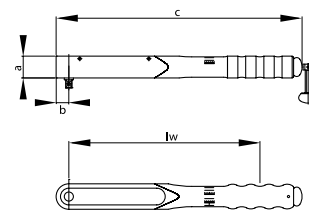
DL



D



8563-30



| Type | □" | ■ | Contents | N·m | lbf·ft | lw | a | b | c | | | Code | No. |
|------|-----|----|--|---------|---------|-----|----|------|-----|--------------------|------|---------|---------|
| D | 3/4 | 20 | in plastic box | 155-760 | 115-560 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 3.2 | 7691500 | 8563-10 |
| D | 3/4 | 20 | in a sheet-metal case | 155-760 | 115-560 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 7.7 | 7692070 | 8563-20 |
| D | 3/4 | 20 | Set mm ○ 22 24 27 30 32 36 41 46 ⊗ 754-04 200 + 400 mm | 155-760 | 115-560 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 13.6 | 7692660 | 8563-30 |
| D | 3/4 | 20 | Set INCH ○ 1" 1.1/8 1.1/4 1.5/16 1.3/8 1.7/16 1.1/2 1.5/8 1.3/4 1.13/16 1.7/8 2" ⊗ 754-04 200 + 400 mm | 155-760 | 115-560 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 13.3 | 7693200 | 8563-40 |
| DL | 3/4 | 20 | in plastic box | 155-760 | 115-560 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 3.2 | 7691850 | 8568-10 |
| DL | 3/4 | 20 | in a sheet-metal case | 155-760 | 115-560 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 7.7 | 7692310 | 8568-20 |
| DL | 3/4 | 20 | Set mm ○ 22 24 27 30 32 36 41 46 ⊗ 754-04 200 + 400 mm | 155-760 | 115-560 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 13.6 | 7692900 | 8568-30 |
| DL | 3/4 | 20 | Set INCH ○ 1" 1.1/8 1.1/4 1.5/16 1.3/8 1.7/16 1.1/2 1.5/8 1.3/4 1.13/16 1.7/8 2" ⊗ 754-04 200 + 400 mm | 155-760 | 115-560 | 719 | 35 | 22.5 | 812 | 10 N·m / 10 lbf·ft | 13.3 | 7693550 | 8568-40 |

8563 DR - 8568 DRL TORQUE WRENCH DREMOMETER

155-760 N·m / 115-560 lbf·ft

Use:

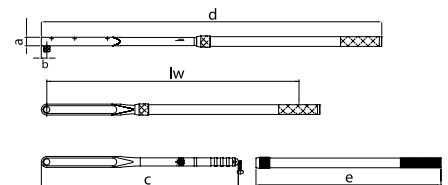
- > Controlled screw tightening in the range 155-760 N·m / 115-560 lbf·ft
- > For use in almost all industrial manufacturing areas

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 3/4" square drive with pin-locking mechanism DIN 3120 - B 20, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 10 N·m and 10 lbf·ft

Technical advantage/Function:

- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



| Type | □ | ■ | Contents | N·m | lbf·ft | lw | a | b | c | d | e | Tube | Scale | Weight | Code | No. |
|--------|-----|----|--|---------|---------|---------|----|------|-----|------|-----|---------|--------------------|--------|---------|---------|
| DR | 3/4 | 20 | in plastic box with extension tube | 155-760 | 115-560 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 5.0 | 7670180 | 8563-01 |
| DR | 3/4 | 20 | in a sheet-metal case with extension tube | 155-760 | 115-560 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 8.8 | 7670260 | 8563-02 |
| DR | 3/4 | 20 | Set mm ○ 22 24 27 30 32 36 41 46 ⊗ 754-04 ← 200 + 400 mm | 155-760 | 115-560 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 14.4 | 7670340 | 8563-03 |
| DR | 3/4 | 20 | Set INCH ○ 1" 1.1/8 1.1/4 1.5/16 1.3/8 1.7/16 1.1/2 1.5/8 1.3/4 1.13/16 1.7/8 2" ⊗ 754-04 ← 200 + 400 mm | 155-760 | 115-560 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 16.7 | 7670420 | 8563-04 |
| DRL | 3/4 | 20 | in plastic box with extension tube | 155-760 | 115-560 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 5.0 | 7670500 | 8568-01 |
| DRL | 3/4 | 20 | in a sheet-metal case with extension tube | 155-760 | 115-560 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 8.8 | 7670690 | 8568-02 |
| DRL | 3/4 | 20 | Set mm ○ 22 24 27 30 32 36 41 46 ⊗ 754-04 ← 200 + 400 mm | 155-760 | 115-560 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 14.4 | 7670770 | 8568-03 |
| DRL | 3/4 | 20 | Set INCH ○ 1" 1.1/8 1.1/4 1.5/16 1.3/8 1.7/16 1.1/2 1.5/8 1.3/4 1.13/16 1.7/8 2" ⊗ 754-04 ← 200 + 400 mm | 155-760 | 115-560 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 16.7 | 7670850 | 8568-04 |
| DR-LKW | 3/4 | 20 | Set mm ○ 27 30 32 ⊗ 754-04 ← 400 mm | 155-760 | 115-560 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 12.3 | 7670930 | 8568-35 |

8571 DX - 8576 DXL TORQUE WRENCH DREMOMETER

520-1000 N·m / 380-730 lbf·ft

Use:

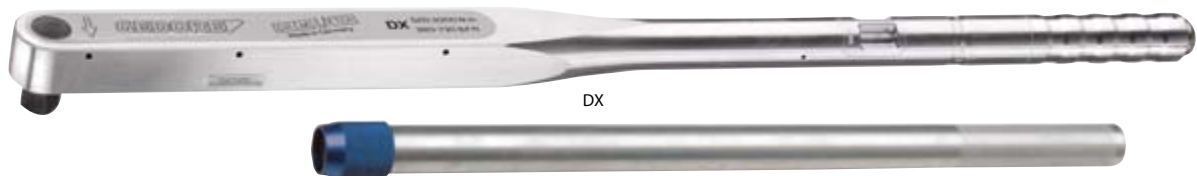
- > Controlled screw tightening in the range 520-1000 N·m / 380-730 lbf·ft
- > For use in almost all industrial manufacturing areas

Features:

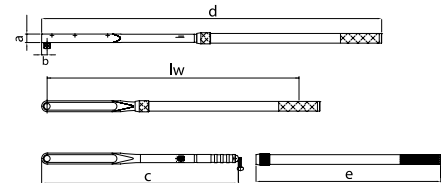
- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 3/4" square drive with pin-locking mechanism DIN 3120 - B 20, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with a scale graduation of 10 N·m and 10 lbf·ft

Technical advantage/Function:

- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



8571-03



| Type | □" | ■ | Contents | N·m | lbf·ft | lw | a | b | c | d | e | Tube | | | Code | No. |
|------|-----|----|--|----------|---------|---------|----|------|-----|------|-----|---------|--------------------|------|---------|---------|
| DX | 3/4 | 20 | in plastic box with ALU extension tube | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 5.6 | 7694010 | 8571-01 |
| DX | 3/4 | 20 | in a sheet-metal case with ALU extension tube | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 10.0 | 7694520 | 8571-02 |
| DX | 3/4 | 20 | Set mm ○ 30 32 36 41 46 50 ⊗ 754-04 200 + 400 mm | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 16.8 | 7694870 | 8571-03 |
| DX | 3/4 | 20 | Set INCH ○ 1.1/8 1.1/4 1.3/8 1.1/2 1.3/4 1.7/8" ⊗ 754-04 200 + 400 mm | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 16.0 | 7695170 | 8571-04 |
| DXL | 3/4 | 20 | in plastic box with ALU extension tube | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 5.6 | 7694360 | 8576-01 |
| DXL | 3/4 | 20 | in a sheet-metal case with ALU extension tube | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 10.0 | 7694600 | 8576-02 |
| DXL | 3/4 | 20 | Set mm ○ 30 32 36 41 46 50 ⊗ 754-04 200 + 400 mm | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 16.8 | 7694950 | 8576-03 |
| DXL | 3/4 | 20 | Set INCH ○ 1.1/8 1.1/4 1.3/8 1.1/2 1.3/4 1.7/8" ⊗ 754-04 200 + 400 mm | 520-1000 | 380-730 | 1,290.5 | 35 | 22.5 | 812 | 1403 | 762 | 8571-80 | 10 N·m / 10 lbf·ft | 16.0 | 7695330 | 8576-04 |



8581 EK - 8586 EKL TORQUE WRENCH DREMOMETER

600-1500 N·m

Use:

- > Controlled screw tightening in the range 600-1500 N·m
- > For use in almost all industrial manufacturing areas

Features:

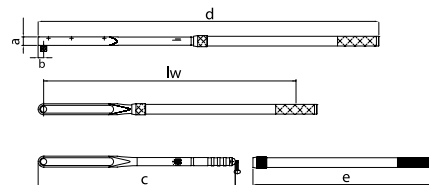
- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 1" square drive with pin-locking mechanism DIN 3120 - B25, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Single scale with a scale graduation of 25 N·m

Technical advantage/Function:

- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



8581-02



| Type | █" | █ | Contents | N·m | lw | a | b | c | d | e | Tube | | | Code | No. |
|------|----|----|---|----------|------|----|----|-----|------|-----|---------|--------|------|---------|---------|
| EK | 1 | 25 | with 1 extension tube | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | 25 N·m | 10.8 | 2311267 | 8581-01 |
| EK | 1 | 25 | in sheet-metal case with 1 extension tube | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | 25 N·m | 24.3 | 2311275 | 8581-02 |
| EK | 1 | 25 | Set mm ○ 36 41 46 50 55 60 65 70 ⊗ 754-06 200 + 400 mm | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | 25 N·m | 42.4 | 2311283 | 8581-03 |
| EKL | 1 | 25 | with 1 extension tube | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | 25 N·m | 10.8 | 2311291 | 8586-01 |
| EKL | 1 | 25 | in sheet-metal case with 1 extension tube | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | 25 N·m | 24.3 | 2311305 | 8586-02 |
| EKL | 1 | 25 | Set mm ○ 36 41 46 50 55 60 65 70 ⊗ 754-06 200 + 400 mm | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 8564-92 | 25 N·m | 42.4 | 2311313 | 8586-03 |

8564 E - 8569 EL TORQUE WRENCH DREMOMETER

750-2000 N·m

Use:

- > Controlled screw tightening in the range 750-2000 N·m
- > For use in almost all industrial manufacturing areas

Features:

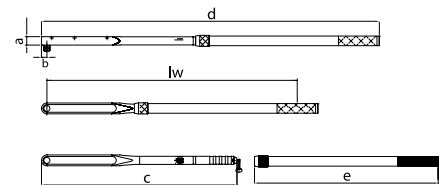
- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 1" square drive with pin-locking mechanism DIN 3120 - B25, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Single scale with a scale graduation of 50 N·m

Technical advantage/Function:

- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single- and double-square drive for controlled bi-directional tightening



8564-02



| Type | █" | █ | Contents | N·m | lw | a | b | c | d | e | f | Tube | | | Code | No. |
|------|----|----|---|----------|------|----|------|-----|------|-----|-----|-------------------|--------|------|---------|---------|
| E | 1 | 25 | with 2 extension tubes | 750-2000 | 2213 | 40 | 30.0 | 932 | 2353 | 925 | 745 | 8564-92 / 8572-74 | 50 N·m | 12.0 | 7695250 | 8564-01 |
| E | 1 | 25 | in sheet-metal case with 2 extension tubes | 750-2000 | 2213 | 40 | 30.0 | 932 | 2353 | 925 | 745 | 8564-92 / 8572-74 | 50 N·m | 21.2 | 7695680 | 8564-02 |
| E | 1 | 25 | Set mm ⌀ 36 41 46 50 55 60 65 70 754-06 200 + 400 mm | 750-2000 | 2213 | 40 | 30.0 | 932 | 2353 | 925 | 745 | 8564-92 / 8572-74 | 50 N·m | 42.4 | 7696060 | 8564-03 |
| EL | 1 | 25 | with 2 extension tubes | 750-2000 | 2213 | 40 | 30.0 | 932 | 2353 | 925 | 745 | 8564-92 / 8572-74 | 50 N·m | 12.0 | 7695410 | 8569-01 |
| EL | 1 | 25 | in sheet-metal case with 2 extension tubes | 750-2000 | 2213 | 40 | 30.0 | 932 | 2353 | 925 | 745 | 8564-92 / 8572-74 | 50 N·m | 21.4 | 7695840 | 8569-02 |
| EL | 1 | 25 | Set mm ⌀ 36 41 46 50 55 60 65 70 754-06 200 + 400 mm | 750-2000 | 2213 | 40 | 30.0 | 932 | 2353 | 925 | 745 | 8564-92 / 8572-74 | 50 N·m | 42.4 | 7696140 | 8569-03 |

8572 F TORQUE WRENCH DREMOMETER

1500-3000 N·m

Use:

- > Controlled screw tightening in the range 1500-3000 N·m
- > For use in almost all industrial manufacturing areas

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > 1.1/2" square drive with pin-locking mechanism DIN 3121 - F 40, ISO 1174
- > Automatic short-path actuation with tactile impulse and audible signal
- > Single scale with scale graduation 50 N·m

Technical advantage/Function:

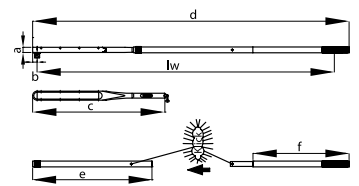
- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > Single square drive for controlled clockwise tightening



F



8572-02



| Type | " | Contents | N·m | lw | a | b | c | d | e | f | Tube | Scale | Weight | Code | No. |
|------|-------|--|-----------|------|----|------|------|------|-----|-----|-------------------|--------|--------|---------|---------|
| F | 1.1/2 | with 2 extension tubes | 1500-3000 | 2309 | 40 | 35.0 | 1037 | 2454 | 925 | 745 | 8564-92 / 8572-74 | 50 N·m | 15.0 | 7717160 | 8572-01 |
| F | 1.1/2 | in sheet-metal case with 2 extension tubes | 1500-3000 | 2309 | 40 | 35.0 | 1037 | 2454 | 925 | 745 | 8564-92 / 8572-74 | 50 N·m | 21.2 | 7717240 | 8572-02 |

TECHNICAL INFORMATION



After being used, torque wrenches should where possible be turned back to the minimum scale value. This helps to preserve the springs and ensures a longer product life cycle with high precision.

On request, all torque wrenches can be factory pre-set **-at extra charge-** When ordering, please specify the N·m value



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

Use:

> Enables controlled torque tightening in combination with a DREMOMETER torque wrench (Type MINI - E)

Features:

- > Fine-pitched, sturdy ratchet head
- > With 1/4", 3/8", 1/2", 3/4" or 1" output square drive
- > Clockwise models (no. 754-00 to -06)
- > Anti-clockwise models (no. 754-11 to -16)
- > Made of chrome-vanadium steel

Scope of delivery:

- > Ratchet head
- > Single packed in poly-bag

* Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity



| □" | ■" | H | Ø mm | ∠° | Use | Execution | Continuous load* | kg | Code | No. |
|-----|-----|----|------|------|------------------------|-------------------|------------------|-------|---------|--------|
| 1/4 | 1/4 | 20 | 24 | 18,0 | MINI, AM | clockwise | 1/4" = 30 N-m | 0.054 | 7680490 | 754-00 |
| 3/8 | 3/8 | 28 | 35 | 20,0 | A | clockwise | 3/8" = 135 N-m | 0.150 | 7680570 | 754-01 |
| 1/2 | 1/2 | 36 | 46 | 7,5 | B, BC, C | clockwise | 1/2" = 340 N-m | 0.350 | 7680650 | 754-02 |
| 3/4 | 3/4 | 56 | 65 | 10,0 | CD, DS, D, DR, DX | clockwise | 3/4" = 1000 N-m | 1.000 | 7680730 | 754-04 |
| 1 | 1 | 62 | 73 | 10,0 | E / EK | clockwise | 1" = 2000 N-m | 1.800 | 7680810 | 754-06 |
| 3/8 | 3/8 | 28 | 35 | 20,0 | AL | counter-clockwise | 3/8" = 135 N-m | 0.150 | 7686770 | 754-11 |
| 1/2 | 1/2 | 36 | 46 | 7,5 | BL, BCL, CL | counter-clockwise | 1/2" = 340 N-m | 0.350 | 7686850 | 754-12 |
| 3/4 | 3/4 | 56 | 65 | 10,0 | CDL, DSL, DL, DRL, DXL | counter-clockwise | 3/4" = 1000 N-m | 1.000 | 7686930 | 754-14 |
| 1 | 1 | 62 | 73 | 10,0 | EL / EKL | counter-clockwise | 1" = 2000 N-m | 1.800 | 7687150 | 754-16 |

8564 - 8572 EXTENSION TUBES FOR DREMOMETER E - F

Use:

- > Spare extension tube for torque wrench series DREMOMETER E - F
- > To enable high torque values by means of extending the lever arm

Features:

> Guarantees proof connection to the

DREMOMETER

- > Ideal for extending the lever arm
- > Made from high-grade, galvanised steel

Scope of delivery:

- > Extension tube
- > Single packed in poly-bag



8571 - 8577 EXTENSION TUBES ALU FOR DREMOMETER A - CD

NEW

Use:

- > Spare extension tube for torque wrench series DREMOMETER A - CD, DR, DX
- > To enable high torque values by means of extending the lever arm

Features:

> Guarantees proof connection to the DREMOMETER

- > Ideal for extending the lever arm
- > Made from high-grade aluminium with anodised locknut - extremely lightweight

Scope of delivery:

- > Extension tube
- > Single packed in poly-bag



| Use | Execution | l mm | kg | Code | No. |
|--------------------------|----------------|------|-------|---------|---------|
| DREMOMETER E/F | extension only | 745 | 3.550 | 7622020 | 8572-74 |
| DREMOMETER E/EK/F | with locknut | 925 | 3.490 | 7621720 | 8564-92 |

| Use | Execution | l mm | kg | Code | No. |
|-------------------------|-----------|------|-------|---------|----------|
| DREMOMETER A-CD | | 350 | 0.400 | 2880164 | 8577-350 |
| DREMOMETER A-CD | | 700 | 0.850 | 2880032 | 8577-700 |
| DREMOMETER DR/DX | | 762 | 0.750 | 1686313 | 8571-80 |

DREMOMETER MINI / T-FS

753 TORQUE WRENCH DREMOMETER MINI

2.5-12 N·m / 22-106 lbf·in

Use:

- > Controlled screw tightening in the range 2.5 - 12 N·m / 22.5 - 106 lbf·in
- > For use in almost all industrial manufacturing areas

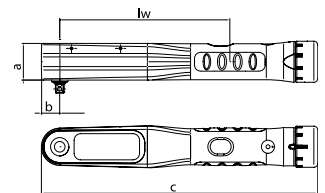
Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3% tolerance of scale set torque. The specification of the standard (+/- 4%) is exceeded.
- > Torque wrench with 1/4" square drive with ball locking device DIN 3120 - A 6.3, similar to ISO 1174, for controlled clockwise tightening
- > Automatic short-path actuation with tactile impulse and audible signal
- > Lightweight plastic casing, made from high-grade, glass-fibre reinforced polyamide, with soft-grip handle
- > Dual scale with a scale graduation of 0.5 N·m and 5 lbf·in

- > Additional micrometre scale for setting interim values with N·m, graduations of 0.05 N·m
- > Window with a magnifying-glass effect
- > Locking button enables reliable locking of the torque setting

Scope of delivery:

- > Torque wrench type MINI
- > With certificate acc. to DIN EN ISO 6789:2003, traceable via in-house DAKKS laboratory to national standards



| Type | 1/4" | 6.3 | Contents | N·m | lbf·in | lw | a | b | c | Scale | Weight | Code | No. |
|------|------|-----|--|--------|----------|-----|----|----|-----|-------------------------------|--------|---------|--------|
| MINI | 1/4 | 6.3 | in plastic box | 2,5-12 | 22,5-106 | 130 | 28 | 14 | 211 | 0,5 N·m / 5 lbf·in + 0,05 N·m | 0.320 | 1957694 | 753-11 |
| MINI | 1/4 | 6.3 | in plastic cassette | 2,5-12 | 22,5-106 | 130 | 28 | 14 | 211 | 0,5 N·m / 5 lbf·in + 0,05 N·m | 0.628 | 1957708 | 753-12 |
| MINI | 1/4 | 6.3 | Set mm ○ 4 5 5,5 6 7 8 9 10 ⊕ 1 2 3 ⊖ 4 5,5 6,5 ● 3 4 5 6 ● T20 T27 T30 ⊕ 754-00 ← 55 + 97 mm 2098 | 2,5-12 | 22,5-106 | 130 | 28 | 14 | 211 | 0,5 N·m / 5 lbf·in + 0,05 N·m | 0.968 | 1957724 | 753-13 |
| MINI | 1/4 | 6.3 | Set INCH ○ 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16" ⊕ 1 2 3 ⊖ 4 5,5 6,5 ● 3 4 5 6 ● T20 T27 T30 ⊕ 754-00 ← 55 + 97 mm 2098 | 2,5-12 | 22,5-106 | 130 | 28 | 14 | 211 | 0,5 N·m / 5 lbf·in + 0,05 N·m | 0.968 | 1957732 | 753-14 |

763 TORQUE WRENCH DREMOMETER T-FS

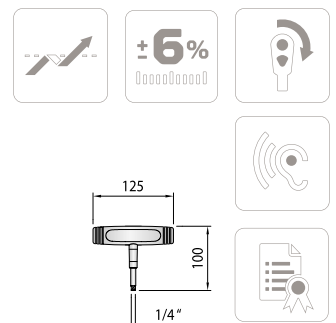
pre-set, 5-12 N·m

Use:

- > Power-saving application for torques which are usually in the range of torque screwdrivers
- > E.g. securing modules on solar power systems, tool supports etc.; wherever the torques are too large for classic torque screwdrivers

Features:

- > Torque wrench series with 8 pre-set models for serial production
- > For controlled clockwise tightening
- > Working accuracy in accordance with DIN EN ISO 6789:2003 Type II Class E (+/- 6%)
- > Lightweight and robust - housing made of a high-quality aluminium alloy
- > With certificate acc. to DIN EN ISO 6789:2003, traceable via in-house DAKKS laboratory to national standards



| 1/4" | 6.3 | pre-set value | Weight | Code | No. |
|------|-----|---------------|--------|---------|--------|
| 1/4 | 6.3 | 5 N·m | 0.241 | 1947958 | 763-05 |
| 1/4 | 6.3 | 6 N·m | 0.241 | 1947966 | 763-06 |
| 1/4 | 6.3 | 7 N·m | 0.241 | 1947974 | 763-07 |
| 1/4 | 6.3 | 8 N·m | 0.241 | 1947990 | 763-08 |
| 1/4 | 6.3 | 9 N·m | 0.241 | 1948008 | 763-09 |
| 1/4 | 6.3 | 10 N·m | 0.241 | 1948016 | 763-10 |
| 1/4 | 6.3 | 11 N·m | 0.241 | 1948024 | 763-11 |
| 1/4 | 6.3 | 12 N·m | 0.241 | 1948032 | 763-12 |

Special ranges are available on request

DREMOMETER Z

TECHNICAL INFORMATION Z

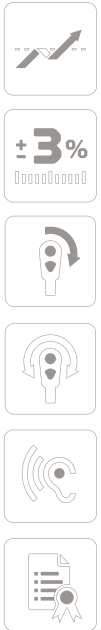
- > The large cross-section of the spigot end transfers a maximum torque. "Quick-change system" with a locking pin mechanism guarantees that work takes place flexibly and rapidly.
- > Ideal for bolted connections in cramped and hard-to-access locations. Depending on how the torque wrench is used, it 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

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > Lightweight yet robust (as the housing is made of an aluminium alloy) and resilient, very workshop-friendly
- > Depending on the application, access is possible from the front (e.g. open-end fitting) or side (e.g. reversible ratchet and socket)
- > Force to be applied in the middle of the handgrip only - do not use an extension tube as otherwise, inaccuracies can evolve (except for model DXZ where the DREMOMETER has been calibrated and adjusted using the extension tube)
- > Operation only with end fittings with standardised depth gauges, otherwise inaccuracies can arise. Keep the depth gauges on the certificate in mind. Only use original GEDORE accessories.
- > Large drive cross-section transfers maximum torques
- > Extremely low wear attributable to reduced forces in the lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > With certificate acc. to DIN EN ISO 6789, traceable via in-house DAKKS laboratory to national standards



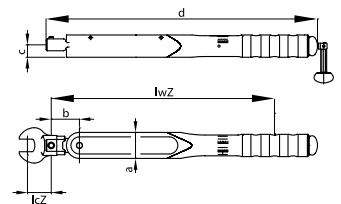
AZ



DXZ



CZ



| Type | Ø | N·m | lbf·in | lbf·ft | | lwZ | lcZ | a | b | c | d | | Code | No. |
|------|----|----------|--------|---------|--------------------|---------|-----|----|----|------|------|-------|---------|---------|
| AZ | 16 | 8-40 | 70-350 | — | 5 N·m / 50 lbf·in | 300.0 | 32 | 35 | 38 | 16.5 | 366 | 1.000 | 7703610 | 8460-01 |
| BZ | 16 | 25-120 | — | 18-90 | 5 N·m / 5 lbf·ft | 411.5 | 32 | 35 | 38 | 16.5 | 489 | 1.450 | 7704260 | 8461-01 |
| CZ | 16 | 80-400 | — | 60-300 | 5 N·m / 5 lbf·ft | 567.0 | 32 | 35 | 38 | 16.5 | 645 | 2.000 | 7704340 | 8462-01 |
| DZ | 22 | 140-620 | — | 100-450 | 10 N·m / 10 lbf·ft | 767.5 | 56 | 45 | 49 | 17.5 | 846 | 3.000 | 7703020 | 8463-10 |
| DXZ | 28 | 520-1000 | — | 380-730 | 10 N·m / 10 lbf·ft | 1,221.0 | 75 | 45 | 57 | 17.5 | 1319 | 5.500 | 1251341 | 8471-01 |

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.



On request, all torque wrenches can be factory pre-set **-at extra charge-**. When ordering, please specify the N-m value.



8480 SE - 8482 SE TORQUE WRENCH DREMOMETER SE WITH QUICK-FITTING CHANGE

8-400 N·m / 70 lbf·in - 300 lbf·ft

- › Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3% tolerance of scale set torque. The specification of the standard (+/- 4%) is exceeded.
- › Lightweight yet robust (as the housing is made of an aluminium alloy) and resilient, very workshop-friendly
- › Drive offers extensive range of accessories
- › Depending on the application, access is possible from the front (e.g. rectangular open-end fitting) or side (e.g. reversible ratchet and socket)
- › Force to be applied in the middle of the handgrip only - do not use an extension tube as otherwise, inaccuracies can arise
- › Operation only with end fittings otherwise inaccuracies can arise. Keep the depth gauges on the certificate in mind. Only use original GEDORE accessories.
- › Extremely low wear attributable to reduced forces in the lever mechanism

- › Forged lever chain from our own quality forge
- › Maximum precision even when subjected to extreme continuous use
- › Long life cycles and tool lives
- › Easy operation - fast and safe torque tightening
- › Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- › With certificate acc. to DIN EN ISO 6789, traceable via in-house DAKKS laboratory to national standards



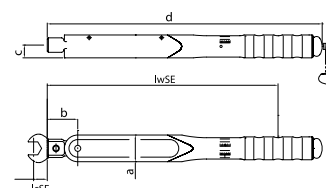
A-SE



B-SE



C-SE



| Type | mm | N-m | lbf·in | lbf·ft | mm | lwSE | lcSE | a | b | c | d | mm | Code | No. |
|------|---------|--------|--------|--------|-------------------|-------|------|----|----|------|-----|-------|---------|---------|
| A-SE | 9 x 12 | 8-40 | 70-350 | - | 5 N-m / 50 lbf·in | 302.0 | 17.5 | 35 | 40 | 16.5 | 361 | 0.950 | 7714060 | 8480-01 |
| B-SE | 9 x 12 | 25-120 | - | 18-90 | 5 N-m / 5 lbf·ft | 413.5 | 17.5 | 35 | 40 | 16.5 | 484 | 1.250 | 7714140 | 8481-01 |
| C-SE | 14 x 18 | 80-400 | - | 60-300 | 5 N-m / 5 lbf·ft | 582.0 | 25.0 | 35 | 53 | 16.5 | 653 | 1.700 | 7714220 | 8482-01 |

DREMOMETER A+S

7554 AM A+S - 7572 F A+S TORQUE WRENCH DREMOMETER A+S

with pre-set value locking and safety device (A+S)

Technical advantage/function:

- > **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
- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > Lightweight and robust (as housing is made of an aluminium alloy), very workshop-friendly
- > No inaccuracies whether used with both hands or held away from the handle (as for standard torque wrenches). Both the square drive and fulcrum are on an axis which ensures a high degree of user safety; can be extended to reduce the user's working load.
- > Extremely low wear attributable to reduced forces in a unique lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Single- and double-square drive for controlled bi-directional tightening

Use:

- > Controlled screw tightening in the range 6 - 3000 N-m
- > For use in almost all industrial manufacturing areas

Features:

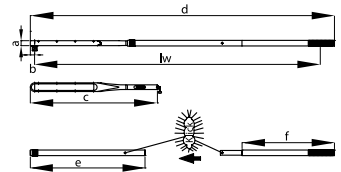
- > With certificate acc. to DIN EN ISO 6789, traceable via in-house DAKS laboratory to national standards
- > Automatic short-path actuation with tactile impulse and audible signal
- > Dual scale with corresponding scale graduation (see table)
- > Type B, BC, C with push-button release
- > **Pre-set DREMOMETER for serial production wherever the same value always needs to be applied**
- > **The pre-setting can be made at the factory or by the user on suitable torque testers**
- > **If ordering, please specify the N-m value - if a fixed factory pre-setting is desired (price on request)**



A



B



| Type | █ " | █ | N-m | lbf-in | lbf-ft | | lw | a | b | c | d | e | f | | Code | No. |
|---------|-------|------|-----------|--------|---------|--------------------|---------|----|------|---------|------|-----|-----|--------|---------|---------|
| AM A+S | 1/4 | 6.3 | 6-30 | 50-270 | – | 1 N-m / 10 lbf-in | 206.0 | 30 | 15.0 | 256.0 | – | – | – | 0.580 | 1210891 | 7554-01 |
| AML A+S | 1/4 | 6.3 | 6-30 | 50-270 | – | 1 N-m / 10 lbf-in | 206.0 | 30 | 15.0 | 256.0 | – | – | – | 0.580 | 1210904 | 7559-01 |
| A A+S | 3/8 | 10.0 | 8-40 | 70-350 | – | 5 N-m / 50 lbf-in | 262.0 | 30 | 17.5 | 326.5 | – | – | – | 1.000 | 7708920 | 7560-01 |
| AL A+S | 3/8 | 10.0 | 8-40 | 70-350 | – | 5 N-m / 50 lbf-in | 262.0 | 30 | 17.5 | 326.5 | – | – | – | 1.000 | 1210939 | 7565-01 |
| B A+S | 1/2 | 12.5 | 25-120 | – | 18-90 | 5 N-m / 5 lbf-ft | 373.0 | 30 | 17.5 | 450.0 | – | – | – | 1.500 | 7709060 | 7561-01 |
| BL A+S | 1/2 | 12.5 | 25-120 | – | 18-90 | 5 N-m / 5 lbf-ft | 373.0 | 30 | 17.5 | 450.0 | – | – | – | 1.500 | 1210947 | 7566-01 |
| BC A+S | 1/2 | 12.5 | 40-200 | – | 30-150 | 5 N-m / 5 lbf-ft | 463.0 | 30 | 17.5 | 539.0 | – | – | – | 1.400 | 1211013 | 7573-00 |
| BCL A+S | 1/2 | 12.5 | 40-200 | – | 30-150 | 5 N-m / 5 lbf-ft | 463.0 | 30 | 17.5 | 539.0 | – | – | – | 1.300 | 1427113 | 7578-00 |
| CA A+S | 1/2 | 12.5 | 60-300 | – | 45-220 | 5 N-m / 5 lbf-ft | 529.0 | 30 | 17.5 | 605.0 | – | – | – | 2.000 | 7709650 | 7562-10 |
| CLA A+S | 1/2 | 12.5 | 60-300 | – | 45-220 | 5 N-m / 5 lbf-ft | 529.0 | 30 | 17.5 | 605.0 | – | – | – | 2.000 | 1210955 | 7567-10 |
| CD A+S | 3/4 | 20.0 | 80-360 | – | 60-260 | 5 N-m / 5 lbf-ft | 624.0 | 30 | 22.5 | 705.5 | – | – | – | 2.400 | 1210998 | 7570-10 |
| CDL A+S | 3/4 | 20.0 | 80-360 | – | 60-260 | 5 N-m / 5 lbf-ft | 624.0 | 30 | 22.5 | 705.5 | – | – | – | 2.400 | 1211021 | 7575-10 |
| DSA A+S | 3/4 | 20.0 | 110-550 | – | 80-400 | 10 N-m / 10 lbf-ft | 719.0 | 35 | 22.5 | 800.0 | – | – | – | 2.900 | 1427164 | 7574-10 |
| DSL A+S | 3/4 | 20.0 | 110-550 | – | 80-400 | 10 N-m / 10 lbf-ft | 719.0 | 35 | 22.5 | 800.0 | – | – | – | 2.900 | 1427148 | 7579-10 |
| DA A+S | 3/4 | 20.0 | 155-760 | – | 115-560 | 10 N-m / 10 lbf-ft | 719.0 | 35 | 22.5 | 800.0 | – | – | – | 3.200 | 1210921 | 7563-10 |
| DL A+S | 3/4 | 20.0 | 155-760 | – | 115-560 | 10 N-m / 10 lbf-ft | 719.0 | 35 | 22.5 | 800.0 | – | – | – | 3.200 | 1210971 | 7568-10 |
| DRA A+S | 3/4 | 20.0 | 155-760 | – | 115-560 | 10 N-m / 10 lbf-ft | 1,290.5 | 35 | 22.5 | 800.0 | 1403 | 762 | – | 5.000 | 1210912 | 7563-01 |
| DRL A+S | 3/4 | 20.0 | 155-760 | – | 115-560 | 10 N-m / 10 lbf-ft | 1,290.5 | 35 | 22.5 | 800.0 | 1403 | 762 | – | 5.000 | 1210963 | 7568-01 |
| DX A+S | 3/4 | 20.0 | 520-1000 | – | 380-730 | 10 N-m / 10 lbf-ft | 1,290.5 | 35 | 22.5 | 800.0 | 1403 | 762 | – | 5.600 | 1211005 | 7571-01 |
| DXL A+S | 3/4 | 20.0 | 520-1000 | – | 380-730 | 10 N-m / 10 lbf-ft | 1,290.5 | 35 | 22.5 | 800.0 | 1403 | 762 | – | 5.600 | 1211048 | 7576-01 |
| EKA A+S | 1 | 25.0 | 600-1500 | – | – | 25 N-m | 1,473.0 | 40 | 30.0 | 920.0 | 1608 | 925 | – | 10.800 | 2311321 | 7581-01 |
| EKL A+S | 1 | 25.0 | 600-1500 | – | – | 25 N-m | 1,473.0 | 40 | 30.0 | 920.0 | 1608 | 925 | – | 10.800 | 2311348 | 7586-01 |
| EA A+S | 1 | 25.0 | 750-2000 | – | – | 50 N-m | 2,213.0 | 40 | 30.0 | 920.0 | 2353 | 925 | 745 | 11.600 | 1547232 | 7564-01 |
| ELA A+S | 1 | 25.0 | 750-2000 | – | – | 50 N-m | 2,213.0 | 40 | 30.0 | 920.0 | 2353 | 925 | 745 | 11.600 | 1547240 | 7569-01 |
| FA A+S | 1.1/2 | 40.0 | 1500-3000 | – | – | 50 N-m | 2,309.0 | 40 | 35.0 | 1,025.0 | 2454 | 925 | 745 | 13.200 | 1547259 | 7572-01 |

7460 Z - 7471 Z

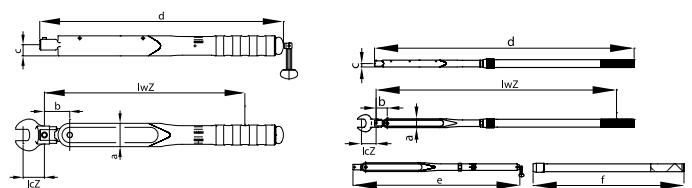
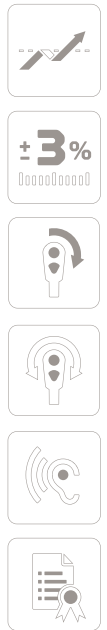
TORQUE WRENCH DREMOMETER Z A+S

with pre-set value locking and safety device (A+S)

Technical advantage/function:

- > **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
- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > Lightweight yet robust (as the housing is made of an aluminium alloy) and resilient, very workshop-friendly
- > Depending on the application, access is possible from the front (e.g. open-end fitting) or side (e.g. reversible ratchet and socket)
- > Force to be applied in the middle of the handgrip only - do not use an extension tube as otherwise, inaccuracies can evolve (except for model DXZ where the DREMOMETER has been calibrated and adjusted using the extension tube)
- > Operation only with end fittings with standardised depth gauges, otherwise inaccuracies can arise. Keep the depth gauges on the certificate in mind. Only use original GEDORE accessories.
- > Large drive cross-section transfers maximum torques
- > Extremely low wear attributable to reduced forces in the lever mechanism

- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > With certificate acc. to DIN EN ISO 6789, traceable via in-house DAKS laboratory to national standards
- > **Pre-set DREMOMETER for serial production wherever the same value always needs to be applied**
- > **The pre-setting can be made at the factory or by the user on suitable torque testers**
- > **If ordering, please specify the N-m value - if a fixed factory pre-setting is desired (price on request)**



| Type | ∅ | N-m | lbf-in | lbf-ft | | lwZ | lcZ | a | b | c | d | | Code | No. |
|---------|----|----------|--------|---------|--------------------|---------|-----|----|----|------|---------|-------|---------|---------|
| AZ A+S | 16 | 8-40 | 70-350 | – | 5 N-m / 50 lbf-in | 300.0 | 32 | 35 | 38 | 16.5 | 354.0 | 1.000 | 1427067 | 7460-01 |
| BZ A+S | 16 | 25-120 | – | 18-90 | 5 N-m / 5 lbf-ft | 411.5 | 32 | 35 | 38 | 16.5 | 477.5 | 1.450 | 1427075 | 7461-01 |
| CZ A+S | 16 | 80-400 | – | 60-300 | 5 N-m / 5 lbf-ft | 567.0 | 32 | 35 | 38 | 16.5 | 633.0 | 2.000 | 1225669 | 7462-01 |
| DZ A+S | 22 | 140-620 | – | 105-450 | 10 N-m / 10 lbf-ft | 767.5 | 56 | 45 | 49 | 17.5 | 834.5 | 3.000 | 1427083 | 7463-10 |
| DXZ A+S | 28 | 520-1000 | – | 380-730 | 10 N-m / 10 lbf-ft | 1,221.0 | 75 | 45 | 57 | 17.5 | 1,319.0 | 5.500 | 1521977 | 7471-01 |

8791 - 8798

>317 - 321

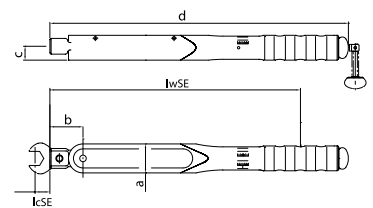


7480 SE - 7482 SE TORQUE WRENCH DREMOMETER SE A+S

with pre-set value locking and safety device (A+S)

Technical advantage/function:

- > **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
- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3% tolerance of scale set torque. The specification of the standard (+/- 4%) is exceeded.
- > Lightweight yet robust (as the housing is made of an aluminium alloy) and resilient, very workshop-friendly
- > Drive offers extensive range of accessories
- > Depending on the application, access is possible from the front (e.g. rectangular open-end fitting) or side (e.g. reversible ratchet and socket)
- > Force to be applied in the middle of the handgrip only - do not use an extension tube as otherwise, inaccuracies can arise
- > Operation only with end fittings otherwise inaccuracies can arise. Keep the depth gauges on the certificate in mind. Only use original GEDORE accessories.
- > Extremely low wear attributable to reduced forces in the lever mechanism
- > Forged lever chain from our own quality forge
- > Maximum precision even when subjected to extreme continuous use
- > Long life cycles and tool lives
- > Easy operation - fast and safe torque tightening
- > Easy adjustment thanks to attractive adjusting button secured against loss at the end of the handle
- > With certificate acc. to DIN EN ISO 6789, traceable via in-house DAkkS laboratory to national standards
- > **Pre-set DREMOMETER for serial production wherever the same value always needs to be applied**
- > **The pre-setting can be made at the factory or by the user on suitable torque testers**
- > **If ordering, please specify the N-m value - if a fixed factory pre-setting is desired (price on request)**



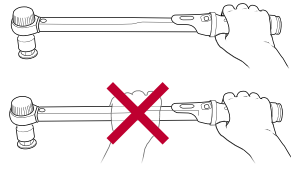
| Type | □mm | N-m | lbf-in | lbf-ft | 📏 | lwSE | lcSE | a | b | c | d | ↻kg | Code | No. |
|-----------------|---------|--------|--------|--------|-------------------|-------|------|----|----|------|-----|-------|---------|---------|
| A-SE A+S | 9 x 12 | 8-40 | 70-350 | – | 5 N-m / 50 lbf-in | 302.0 | 17.5 | 35 | 40 | 16.5 | 350 | 0.950 | 1427059 | 7480-01 |
| B-SE A+S | 9 x 12 | 25-120 | – | 18-90 | 5 N-m / 5 lbf-ft | 413.5 | 17.5 | 35 | 40 | 16.5 | 474 | 1.250 | 1427091 | 7481-01 |
| C-SE A+S | 14 x 18 | 80-400 | – | 60-300 | 5 N-m / 5 lbf-ft | 582.0 | 25.0 | 35 | 53 | 16.5 | 642 | 1.700 | 1427105 | 7482-01 |

7112 - 7918

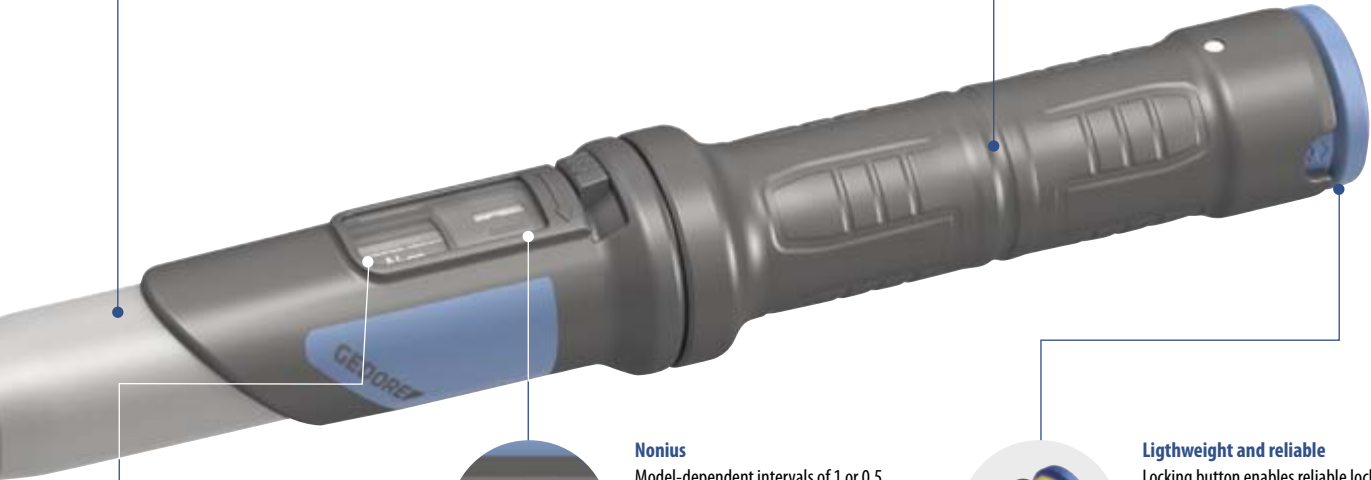
> 322 - 326



+ **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



+ **Handgrip with 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.



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.



DREMASTER® DMUK

Torque wrench with square drive and integrated ratchet-function for controlled clockwise tightening



+ **Robust tubular steel**
With high corrosion protection, satin powder-coated, with zinc-plated ratchet head

+ With 1/2" square drive and integrated lever-change reversible ratchet function for controlled clockwise tightening

Switch the lever of the reversible ratchet to correspond with the desired direction, clockwise or anti-clockwise.



DMK 1/2" - 3/4" 20-850 N-m



DMUK 1/2" 20-300 N-m



DMZ 16 22 20-850 N-m



DMSE 9x12 14x18 20-400 N-m

DMK TORQUE WRENCH DREMASTER® K

20-850 N·m

Use:

- > Controlled screw tightening in the most common range of 20 - 850 N·m / 15 - 630 lbf·ft (guide for screws M7-10.9 to M24-8.8, M30-5.6)
- > Adjustable, releasing and sturdy tubular torque wrench with integrated ratchet and with square drive for industry and the trades

Features:

- > 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.
- > For controlled bi-directional tightening. DMUK only for controlled clockwise-tightening
- > Models DMK: 1/2" mushroom head interchangeable square with push-button releasing and a ball-locking mechanism. From Model No. DMK 400 with 3/4" push-through square and a pin-locking mechanism

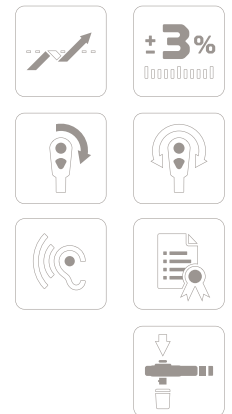
- > Sturdy, varnished tubular steel construction, with zinc-plated ratchet head and top-grade plastic parts
- > Ergonomically shaped plastic grip with calibration aid
- > Change-over between N·m main scale and lbf·ft ancillary scale to avoid reading errors when setting the torque wanted
- > With micrometre scale for main N·m scale for setting interim values
- > Release system triggers a tactile and audible signal
- > Ergonomic system for torque adjustment with reference symbol
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system



| " | ■ | N·m | lbf·ft | Scale | Scale ring | L | lw | c | h | b | Weight | Code | No. |
|-----|------|---------|---------|--------|------------|---------|---------|-----|------|----|--------|---------|---------|
| 1/2 | 12.5 | 20-100 | 15-75 | 5 N·m | 0,5 N·m | 423.5 | 329.2 | 35 | 38.5 | 44 | 1.250 | 2641232 | DMK 100 |
| 1/2 | 12.5 | 40-200 | 30-150 | 10 N·m | 1 N·m | 514.5 | 420.2 | 35 | 38.5 | 44 | 1.400 | 2641240 | DMK 200 |
| 1/2 | 12.5 | 60-300 | 45-220 | 10 N·m | 1 N·m | 606.4 | 511.1 | 35 | 38.5 | 46 | 1.431 | 2641259 | DMK 300 |
| 3/4 | 20.0 | 80-400 | 60-300 | 10 N·m | 1 N·m | 714.8 | 608.9 | 46 | 38.0 | 67 | 2.488 | 2641267 | DMK 400 |
| 3/4 | 20.0 | 110-550 | 80-405 | 10 N·m | 1 N·m | 953.2 | 846.4 | 52 | 38.0 | 69 | 3.940 | 2641275 | DMK 550 |
| 3/4 | 20.0 | 150-750 | 110-550 | 10 N·m | 1 N·m | 1,228.2 | 1,121.4 | 327 | 38.0 | 69 | 5.020 | 2641283 | DMK 750 |
| 3/4 | 20.0 | 250-850 | 185-630 | 10 N·m | 1 N·m | 1,375.2 | 1,268.4 | 474 | 38.0 | 69 | 5.325 | 2641291 | DMK 850 |

GDMK TORQUE WRENCH SET DREMASTER® K

- > The DREMASTER® DMK as a practical tool set
- > Most-widely-used tools in a robust sheet-metal case
- > Clearly organised - everything always easily accessible
- > With foam-material inlay modules (on request, these can be customised or extended individually)



| " | ■ | N·m | lbf·ft | Contents | Weight | Code | No. |
|-----|------|--------|--------|--|--------|---------|----------|
| 1/2 | 12.5 | 20-100 | 15-75 | No. DMK 100 in sheet-metal case 10 13 17 19 24 125 mm and 1/2" square drive | 4.4 | 2641593 | GDMK 100 |
| 1/2 | 12.5 | 40-200 | 30-150 | No. DMK 200 in sheet-metal case 10 13 17 19 24 125 mm and 1/2" square drive | 5.7 | 2641607 | GDMK 200 |
| 1/2 | 12.5 | 60-300 | 45-220 | No. DMK 300 in sheet-metal case 17 19 24 27 125 mm and 1/2" square drive | 5.8 | 2641615 | GDMK 300 |
| 3/4 | 20.0 | 80-400 | 60-300 | No. DMK 400 in sheet-metal case 18 19 24 27 200 mm and 3/4" square drive | 6.5 | 2641623 | GDMK 400 |

DMUK TORQUE WRENCH DREMASTER® UK

20-300 N·m / 15-220 lbf·ft

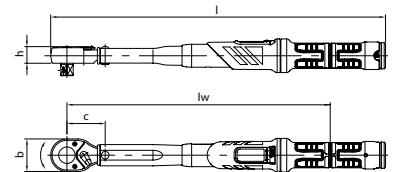
Use:

- > Controlled screw tightening in the most common range of 20 - 300 N·m / 15 - 220 lbf·ft (guide for screws M7-10.9 to M24-8.8, M30-5.6)
- > Adjustable, releasing and sturdy tubular torque wrench with integrated ratchet and with square drive for industry and the trades

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > For controlled clockwise tightening
- > Models DMUK: With 1/2" reversible ratchet
- > Sturdy, varnished tubular steel construction, with zinc-plated ratchet head and top-grade plastic parts
- > Ergonomically shaped plastic grip with calibration aid

- > Change-over between N·m main scale and lbf·ft ancillary scale to avoid reading errors when setting the torque wanted
- > With micrometre scale for main N·m scale for setting interim values
- > Release system triggers a tactile and audible signal
- > Ergonomic system for torque adjustment with reference symbol
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system

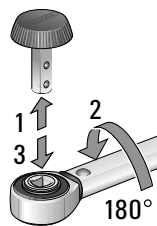


| □" | ■ | N·m | lbf·ft | ▬▬▬▬ | Scale ring | L | lw | c | h | b | ⚖ | Code | No. |
|-----|------|--------|--------|--------|------------|-------|-------|----|------|------|-------|---------|----------|
| 1/2 | 12.5 | 20-100 | 15-75 | 5 N·m | 0,5 N·m | 437.7 | 344.2 | 50 | 22.0 | 42.5 | 1.232 | 2641305 | DMUK 100 |
| 1/2 | 12.5 | 40-200 | 30-150 | 10 N·m | 1 N·m | 529.7 | 435.2 | 50 | 22.0 | 42.5 | 1.400 | 2641313 | DMUK 200 |
| 1/2 | 12.5 | 60-300 | 45-220 | 10 N·m | 1 N·m | 619.6 | 526.1 | 50 | 22.0 | 42.5 | 1.623 | 2641348 | DMUK 300 |

FUNCTION

In order to change the turning direction of the TORCOFIX K:

- > Press on the protruding square drive with your thumb and take out the mushroom head, turn the wrench and re-insert the square drive.



DMKPK MUSHROOM HEAD DREMASTER® DMK

- > With 1/2" output square drive with ball locking device and release button
- > Made of chrome-vanadium steel, zinc-plated
- > With blue mushroom head made of polypropylene



3294 COUPLER 3/4"

- > Acc. to DIN 3122, ISO 3315
- > For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin
- > Chrome-vanadium steel, chrome-plated



| ■" | ■ | ↳mm↳ | ⚖ | Code | No. | ■" | ■ | □" | □ | ⚖ | Code | No. |
|-----|----|------|-------|---------|------|-----|------|-----|------|-------|---------|---------|
| 3/4 | 20 | 51.5 | 0.133 | 6279090 | 3294 | 1/2 | 12.5 | 1/2 | 12.5 | 0.064 | 2551829 | DMKPK 7 |

DMZ TORQUE WRENCH DREMASTER® Z

20-850 N·m / 15-630 lbf·ft

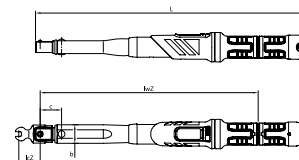
Use:

- > Controlled screw tightening in the most common range of 20 - 850 N·m / 15 - 630 lbf·ft (guide for screws M7-10.9 to M24-8.8, M30-5.6)
- > Adjustable, releasing and sturdy tubular torque wrench with spigot end for industry and the trades

Features:

- > 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.
- > For controlled bi-directional tightening
- > Sturdy, varnished tubular steel construction, with phosphated spigot end (Ø 16 mm or Ø 22 mm) and high-grade plastic parts
- > Ergonomically shaped plastic grip with calibration aid
- > Change-over between N·m main scale and lbf·ft ancillary scale to avoid reading errors when setting the torque wanted.

- > With micrometre scale for main N·m scale for setting interim values
- > Release system triggers a tactile and audible signal
- > Ergonomic system for torque adjustment with reference symbol
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Factory depth gauge: 32 mm (Ø 16 mm) or 56 mm (Ø 22 mm)
- > Operation only with end fittings with standardised depth gauge - otherwise inaccuracies may arise.
- > Depending on the application, access is possible from the front (e.g. open-end fitting) or side (e.g. reversible ratchet and socket)



| Ø | N·m | lbf·ft | Scale ring | L | lwZ | lcZ | b | c | kg | Code | No. |
|----|---------|---------|------------|---------|---------|-----|------|-----|-------|---------|---------|
| 16 | 20-100 | 15-75 | 5 N·m | 405.5 | 326.2 | 32 | 27.5 | 32 | 0.998 | 2641518 | DMZ 100 |
| 16 | 40-200 | 30-150 | 10 N·m | 496.5 | 417.2 | 32 | 27.5 | 32 | 1.100 | 2641526 | DMZ 200 |
| 16 | 60-300 | 45-220 | 10 N·m | 587.4 | 508.1 | 32 | 27.5 | 32 | 1.300 | 2641534 | DMZ 300 |
| 16 | 80-400 | 60-300 | 10 N·m | 677.2 | 597.9 | 32 | 35.0 | 32 | 1.790 | 2641542 | DMZ 400 |
| 22 | 110-550 | 80-405 | 10 N·m | 912.7 | 831.4 | 56 | 36.5 | 37 | 3.280 | 2641550 | DMZ 550 |
| 22 | 150-750 | 110-550 | 10 N·m | 1,193.7 | 1,121.7 | 56 | 38.5 | 318 | 4.380 | 2641569 | DMZ 750 |
| 22 | 250-850 | 185-630 | 10 N·m | 1,340.7 | 1,259.4 | 56 | 38.5 | 465 | 5.000 | 2641577 | DMZ 850 |

GDMZ TORQUE WRENCH SET DREMASTER® Z

- > The DREMASTER® DMZ as a practical tool set
- > Most-widely-used tools in a robust sheet-metal case
- > Clearly organised - everything always easily accessible
- > With foam-material inlay modules (on request, these can be customised or extended individually)



| Ø | N·m | lbf·ft | Contents | kg | Code | No. |
|----|--------|--------|--|-----|---------|----------|
| 16 | 20-100 | 15-75 | No. DMZ 100 in sheet-metal case 17 19 24 and 1/2" ratchet head | 4.5 | 2641704 | GDMZ 100 |
| 16 | 40-200 | 30-150 | No. DMZ 200 in sheet-metal case 17 19 24 and 1/2" ratchet head | 5.8 | 2641712 | GDMZ 200 |
| 16 | 60-300 | 45-220 | No. DMZ 300 in sheet-metal case 24 27 30 32 and 1/2" ratchet head | 6.5 | 2641720 | GDMZ 300 |
| 16 | 80-400 | 60-300 | No. DMZ 400 in sheet-metal case 24 27 30 32 and 1/2" ratchet head | 7.4 | 2641739 | GDMZ 400 |

DMSE TORQUE WRENCH DREMASTER® SE

20-400 N·m / 15-300 lbf·ft

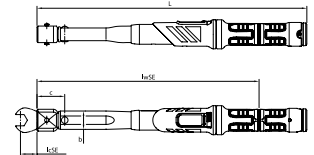
Use:

- > Controlled screw tightening in the most common range of 20 - 400 N-m / 15 - 300 lbf-ft (guide for screws M7-10.9 to M20-6.9)
- > Adjustable, releasing and sturdy tubular torque wrench with rectangular cavity for industry and the trades

Features:

- > 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.
- > For controlled bi-directional tightening
- > Sturdy, varnished tubular steel construction, with zinc-plated rectangular cavity (9x12 mm or 14x18mm) and high-grade plastic parts
- > Ergonomically shaped plastic grip with calibration aid
- > Change-over between N-m main scale and lbf-ft ancillary scale to avoid reading errors when setting the torque wanted.

- > With micrometre scale for main N-m scale for setting interim values
- > Release system triggers a tactile and audible signal
- > Ergonomic system for torque adjustment with reference symbol
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Factory depth gauge: 17.5 mm (9x12 mm) or 25 mm (14x18 mm)
- > Operation only with end fittings with standardised depth gauges, otherwise inaccuracies can arise
- > Depending on the application, access is possible from the front (e.g. open-end fitting) or side (e.g. reversible ratchet and socket)



| mm | N-m | lbf-ft | Scale ring | Scale ring | L | lWSE | lCSE | b | c | kg | Code | No. |
|---------|--------|--------|------------|------------|-------|-------|------|------|----|-------|---------|----------|
| 9 x 12 | 20-100 | 15-75 | 5 N-m | 0,5 N-m | 398.5 | 326.2 | 17.5 | 27.5 | 32 | 1.000 | 2641445 | DMSE 100 |
| 9 x 12 | 30-150 | 22-110 | 10 N-m | 1 N-m | 489.5 | 417.2 | 17.5 | 27.5 | 32 | 1.160 | 2641453 | DMSE 150 |
| 14 x 18 | 40-200 | 30-150 | 10 N-m | 1 N-m | 499.5 | 427.2 | 25.0 | 27.5 | 42 | 1.250 | 2641461 | DMSE 200 |
| 14 x 18 | 60-300 | 45-220 | 10 N-m | 1 N-m | 590.4 | 518.1 | 25.0 | 27.5 | 42 | 1.400 | 2641488 | DMSE 300 |
| 14 x 18 | 80-400 | 60-300 | 10 N-m | 1 N-m | 677.2 | 604.9 | 25.0 | 33.0 | 42 | 2.000 | 2641496 | DMSE 400 |

GDMSE TORQUE WRENCH SET DREMASTER® SE

- > The DREMASTER® DMSE as a practical tool set
- > Most-widely-used tools in a robust sheet-metal case
- > Clearly organised - everything always easily accessible
- > With foam-material inlay modules (on request, these can be customised or extended individually)



| mm | N-m | lbf-ft | Contents | kg | Code | No. |
|---------|--------|--------|--|-----|---------|-----------|
| 9 x 12 | 20-100 | 15-75 | No. DMSE 100 in sheet-metal case 13 17 19 and 1/2" ratchet head | 3.9 | 2641658 | GDMSE 100 |
| 9 x 12 | 30-150 | 22-110 | No. DMSE 150 in sheet-metal case 13 17 19 and 1/2" ratchet head | 5.6 | 2643731 | GDMSE 150 |
| 14 x 18 | 40-200 | 30-150 | No. DMSE 200 in sheet-metal case 17 19 24 and 1/2" ratchet head | 6.3 | 2641666 | GDMSE 200 |
| 14 x 18 | 60-300 | 45-220 | No. DMSE 300 in sheet-metal case 24 30 32 and 1/2" ratchet head | 6.5 | 2641674 | GDMSE 300 |
| 14 x 18 | 80-400 | 60-300 | No. DMSE 400 in sheet-metal case 24 30 32 and 1/2" ratchet head | 7.0 | 2641690 | GDMSE 400 |

TORCOFIX K

Robust torque wrench with square drive and integrated ratchet-head function for controlled bi-directional tightening.

± 3%

+ 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.

Serial number on the wrench and on the certificate for unambiguous product identification, traceable via in-house DAKkS laboratory to national standards

+ **Scale**
 Easily readable dual scale (N-m / lbf-in / lbf-ft) well protected under a window with a magnifying-glass effect. The torque setting is readable on the scale or, more particularly, on the scale in combination with the scale ring.

+ **Micrometre scale**
 Optimised shape, stable scale frame with red-shaded micrometre scale ring. Model-dependent intervals of 0.025, 0.1, 0.25, 0.5 or 1 N-m allow very accurate settings.

+ **Lighweight and reliable**
 Locking button enables reliable locking of the torque setting.

+ **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.

+ **Automatic actuation**
 The TORCOFIX actuates with a clear tactile impulse and audible signal and is immediately ready for operation again.

Robust steel tube
 With high corrosion protection, chrome-plated, silk-metal.

+ **Handgrip with a user aid**
 Black plastic handgrip, new ergonomically enhanced shape, with an indentation in the middle of the handgrip. User aid and reference points for calibration.



K 1/4 - 3/4 1 - 850 N-m



Z 16 22 2 - 850 N-m



SE 9x12 14x18 2 - 400 N-m

4549 - 4550 - 4551 TORQUE WRENCH TORCOFIX K

1-850 N·m / 0.75-630 lbf·ft

Use:

- > Controlled screw tightening in the most widely used range of 1 - 850 N·m / 0.75 - 630 lbf·ft (guide for screws M3-6.9 to M24-8.8, M30-5.6)
- > Adjustable, releasing and sturdy tubular torque wrench with integrated ratchet and with square drive for industry and the trades

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > For controlled bi-directional tightening

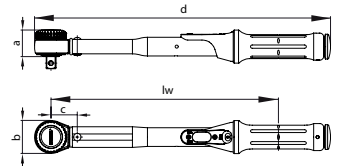
- > 1/4", 3/8", 1/2" interchangeable mushroom head with ball locking device. As from 3/4" with push through square drive with pin-locking mechanism
- > Sturdy, varnished tubular steel construction, with zinc-plated ratchet head and top-grade plastic parts
- > Ergonomically shaped, convenient black plastic handgrip with calibration aid
- > Dual scale N·m and lbf·ft below a window with a magnifying-glass effect
- > With micrometre scale for main N·m scale for setting interim values
- > Release system triggers a tactile and audible signal
- > Ergonomic system for torque adjustment



4549-02



4550-30

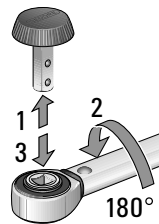


| " | ■ | N·m | lbf·ft | Scale ring | Scale ring | lw | a | b | c | d | kg | Code | No. |
|-----|------|---------|----------|------------|------------|---------|------|----|------|---------|-------|---------|---------|
| 1/4 | 6.3 | 1-5 | 0,75-3,7 | 0,25 N·m | 0,025 N·m | 146.0 | 25.3 | 35 | 26 | 224.0 | 0.323 | 2201429 | 4549-00 |
| 1/4 | 6.3 | 5-25 | 3,7-18 | 1 N·m | 0,1 N·m | 206.5 | 25.3 | 35 | 26 | 284.5 | 0.450 | 1545132 | 4549-02 |
| 3/8 | 10.0 | 10-50 | 7,5-37 | 2,5 N·m | 0,25 N·m | 256.5 | 25.3 | 35 | 26 | 334.5 | 0.540 | 1545140 | 4549-05 |
| 1/2 | 12.5 | 20-100 | 15-75 | 5 N·m | 0,5 N·m | 303.2 | 35.9 | 44 | 35 | 394.7 | 0.900 | 7601530 | 4550-10 |
| 1/2 | 12.5 | 40-200 | 30-150 | 10 N·m | 1 N·m | 394.2 | 35.9 | 44 | 35 | 485.5 | 1.100 | 7601610 | 4550-20 |
| 1/2 | 12.5 | 60-300 | 45-220 | 10 N·m | 1 N·m | 485.2 | 35.9 | 46 | 35 | 577.5 | 1.300 | 7601880 | 4550-30 |
| 3/4 | 20.0 | 80-400 | 60-300 | 10 N·m | 1 N·m | 583.2 | 38.0 | 67 | 46 | 686.0 | 1.860 | 7674330 | 4550-40 |
| 3/4 | 20.0 | 110-550 | 80-405 | 10 N·m | 1 N·m | 853.7 | 38.0 | 69 | 52 | 957.5 | 3.560 | 7674760 | 4550-55 |
| 3/4 | 20.0 | 150-750 | 110-550 | 10 N·m | 1 N·m | 1,128.7 | 38.0 | 69 | 327 | 1,232.5 | 4.500 | 1521365 | 4550-75 |
| 3/4 | 20.0 | 250-850 | 185-630 | 10 N·m | 1 N·m | 1,275.7 | 38.0 | 69 | 1276 | 1,379.5 | 4.700 | 1950525 | 4551-85 |

FUNCTION

In order to change the turning direction of the TORCOFIX K:

- > Press on the protruding square drive with your thumb and take out the mushroom head, turn the wrench and re-insert the square drive.



4549 - 4550 MUSHROOM HEAD TORCOFIX K

- > With 1/4", 3/8" or 1/2" output square drive with ball locking device
- > Made of chrome-vanadium steel, zinc-plated
- > With blue mushroom head made of polypropylene



4550-865



4550-855

3294 COUPLER 3/4"

- > Acc. to DIN 3122, ISO 3315
- > For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin
- > Chrome-vanadium steel, chrome-plated



| " | ■ | mm | kg | Code | No. |
|-----|----|------|-------|---------|------|
| 3/4 | 20 | 51.5 | 0.133 | 6279090 | 3294 |

| " | □ | " | ■ | mm | kg | Code | No. |
|-------------|------|-----|------|----|-------|---------|----------|
| 3/8" - 1/4" | 10.0 | 1/4 | 6.3 | 35 | 0.021 | 1545167 | 4549-875 |
| 3/8" - 1/4" | 10.0 | 3/8 | 10.0 | 35 | 0.022 | 1566385 | 4549-885 |
| 1/2" - 3/8" | 12.5 | 1/2 | 12.5 | 44 | 0.060 | 7079370 | 4550-855 |
| 1/2" - 3/8" | 12.0 | 3/8 | 10.0 | 44 | 0.060 | 7079450 | 4550-865 |

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 torque wrench 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

Use:

- > Controlled screw tightening in the most widely used range of 5 - 850 N·m / 3.7 - 550 lbf·ft
- > Adjustable, releasing and sturdy tubular torque wrench with spigot end for industry and the trades

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > For controlled bi-directional tightening
- > Sturdy, varnished tubular steel construction, with phosphated spigot end (Ø 16 mm or Ø 22 mm) and high-grade plastic parts
- > Ergonomically shaped, convenient black plastic handgrip with calibration aid
- > Dual scale N·m and lbf·ft below a window with a magnifying-glass effect
- > With micrometre scale for main N·m scale for setting interim values
- > Release system triggers a tactile and audible signal

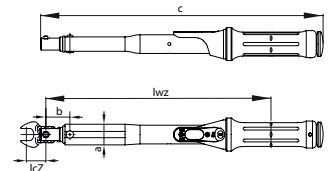
- > Ergonomic system for torque adjustment
- > Factory depth gauges: 32 mm (Ø 16 mm) or 56 mm (Ø 22 mm)
- > Operation only with end fittings with standardised depth gauges, otherwise inaccuracies can arise
- > Depending on the application, access is possible from the front (e.g. open-end fitting) or side (e.g. reversible ratchet and socket)



4400-02



4430-01



| Ø | N·m | lbf·ft | Scale ring | Scale ring | lwZ | lcZ | a | b | c | Weight | Code | No. |
|----|---------|---------|------------|------------|---------|-----|------|-----|---------|--------|---------|---------|
| 16 | 5-25 | 3,7-18 | 1 N·m | 0,1 N·m | 210.5 | 32 | 20.0 | 30 | 278.0 | 0.330 | 1646168 | 4400-02 |
| 16 | 10-50 | 7,5-37 | 2,5 N·m | 0,25 N·m | 260.5 | 32 | 20.0 | 30 | 328.0 | 0.390 | 1646176 | 4405-05 |
| 16 | 20-100 | 15-75 | 5 N·m | 0,5 N·m | 300.2 | 32 | 27.5 | 32 | 376.5 | 0.700 | 7097270 | 4410-01 |
| 16 | 40-200 | 30-150 | 10 N·m | 1 N·m | 391.2 | 32 | 27.5 | 32 | 467.5 | 0.860 | 7097350 | 4420-01 |
| 16 | 60-300 | 45-220 | 10 N·m | 1 N·m | 482.2 | 32 | 27.5 | 32 | 558.5 | 1.080 | 7097430 | 4430-01 |
| 16 | 80-400 | 60-300 | 10 N·m | 1 N·m | 572.2 | 32 | 35.0 | 33 | 648.5 | 1.390 | 7094090 | 4440-01 |
| 22 | 110-550 | 80-405 | 10 N·m | 1 N·m | 838.7 | 56 | 36.5 | 37 | 917.0 | 3.000 | 7501310 | 4450-01 |
| 22 | 150-750 | 110-550 | 10 N·m | 1 N·m | 1,119.7 | 56 | 38.5 | 318 | 1,198.0 | 4.060 | 1521381 | 4475-01 |
| 22 | 250-850 | 185-630 | 10 N·m | 1 N·m | 1,266.7 | 56 | 38.0 | 465 | 1,345.0 | 4.430 | 1997009 | 4485-01 |

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

2-400 N·m / 1.5-300 lbf·ft

Use:

- > Controlled screw tightening in the most widely used range of 5 - 400 N-m / 3.7 - 300 lbf-ft
- > Adjustable, releasing and sturdy tubular torque wrench with rectangular cavity for industry and the trades

Features:

- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- > For controlled bi-directional tightening
- > Sturdy, varnished tubular steel construction, with zinc-plated rectangular cavity (9x12 mm or 14x18 mm) and high-grade plastic parts
- > Ergonomically shaped, convenient black plastic handgrip with calibration aid
- > Dual scale N-m and lbf-ft below a window with a magnifying-glass effect
- > With micrometre scale for main N-m scale for setting interim values

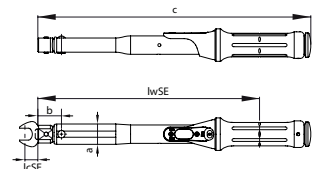
- > Release system triggers a tactile and audible signal
- > Ergonomic system for torque adjustment
- > Factory depth gauges: 17.5 mm (9x12 mm) or 25 mm (14x18 mm)
- > Operation only with end fittings with standardised depth gauges, otherwise inaccuracies can arise
- > Depending on the application, access is possible from the front (e.g. open-end fitting) or side (e.g. reversible ratchet and socket).



4100-01



4300-01



| mm | N-m | lbf-ft | مقياس | Scale ring | lwSE | lcSE | a | b | c | ±% | Code | No. |
|---------|--------|--------|---------|------------|-------|------|------|----|-------|-------|---------|---------|
| 9 x 12 | 5-25 | 3,7-18 | 1 N-m | 0,1 N-m | 212.5 | 17.5 | 20.0 | 32 | 273.0 | 0.352 | 1646192 | 4101-02 |
| 9 x 12 | 10-50 | 7,5-37 | 2,5 N-m | 0,25 N-m | 262.5 | 17.5 | 20.0 | 32 | 323.0 | 0.450 | 1646206 | 4101-05 |
| 9 x 12 | 20-100 | 15-75 | 5 N-m | 0,5 N-m | 300.2 | 17.5 | 27.5 | 32 | 369.5 | 0.600 | 7600210 | 4100-01 |
| 9 x 12 | 30-150 | 22-110 | 10 N-m | 1 N-m | 391.2 | 17.5 | 27.5 | 32 | 460.5 | 0.800 | 1654934 | 4200-02 |
| 14 x 18 | 40-200 | 30-150 | 10 N-m | 1 N-m | 401.2 | 25.0 | 27.5 | 42 | 470.5 | 0.900 | 7600990 | 4201-01 |
| 14 x 18 | 60-300 | 45-220 | 10 N-m | 1 N-m | 492.2 | 25.0 | 27.5 | 42 | 561.5 | 1.200 | 7601020 | 4300-01 |
| 14 x 18 | 80-400 | 60-300 | 10 N-m | 1 N-m | 579.2 | 25.0 | 33.0 | 42 | 648.5 | 1.600 | 7604120 | 4301-01 |

TORCOFIX FS

4150 - 4151

TORQUE WRENCH FOR PRE-SETTING TORCOFIX FS

5-200 N·m

Use:

- > Controlled screw tightening in the most widely used range of 5 - 200 N·m without scale
- > Pre-set, releasing and sturdy tubular torque wrench with rectangular cavity for industry and the trades

Features:

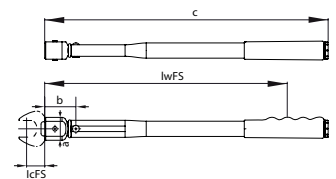
- > Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate.
Working accuracy: +/- 3 % tolerance of scale set torque.
The specification of the standard (+/- 4 %) is exceeded.
- > For controlled bi-directional tightening
- > Sturdy, varnished tubular steel construction, with zinc-plated rectangular cavity (9x12 mm or 14x18 mm)
- > Release system triggers a tactile and audible signal
- > Factory depth gauge: 17.5 mm (9x12 mm) or 25 mm (14x18 mm)
- > Operation only with end fittings with standardised depth gauges, otherwise inaccuracies can arise
- > Depending on the application, access is possible from the front (e.g. open-end fitting) or side (e.g. reversible ratchet and socket).
- > **If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)**



4150-25



4151-20



| mm | N·m _{min/max} | lwFS | lcFS | a | b | c | kg | Code | No. |
|---------|------------------------|------|------|----|----|-----|-------|---------|---------|
| 9 x 12 | 5 - 25 | 134 | 17.5 | 22 | 31 | 186 | 0.210 | 7601960 | 4150-25 |
| 9 x 12 | 10 - 50 | 194 | 17.5 | 22 | 31 | 246 | 0.270 | 7602180 | 4150-50 |
| 9 x 12 | 17 - 85 | 277 | 17.5 | 22 | 31 | 329 | 0.340 | 7602850 | 4150-85 |
| 14 x 18 | 40 - 200 | 357 | 25.0 | 33 | 45 | 410 | 0.750 | 7603580 | 4151-20 |

Torque Screwdrivers

TORQUE SCREWDRIVER TECHNICAL FEATURES

A range of compact and versatile torque screwdrivers with automatically actuating, dial-indicating and measuring torque.



TYPE PGN

- > Pre-set torque screwdriver without scale for durable and identical value tightening
- > Auto setting
- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 - C 6.3



TYPE FS 755

- > Pre-set torque screwdriver without scale for durable and identical value tightening
- > Auto setting
- > Bidirectional
- > Anodised aluminium handgrip



TYPE 756

- > Adjustable torque screwdriver with scale ring
- > "Positive-lock"-system
- > Drive type made of stainless steel
- > Auto setting
- > Bidirectional
- > Non-slip rubber handgrip
- > EPA > see product



TYPE S 757

- > Adjustable torque screwdriver with scale ring
- > Auto setting
- > Bidirectional
- > Anodised aluminium handgrip



TYPE SP 758

- > Dial-indicating torque screwdriver with dual scale
- > Locking of maximum values / maximum value-display
- > Bidirectional
- > Anodised aluminium handgrip
- > EPA > see product



SCOPE OF DELIVERY

- > We supply a 1/4"-1/4"-drive adaptor with all models
- > To make work easier, a sliding or removable T-bar is included with several models

SPECIAL MODELS

- > Optionally, all torque screwdrivers are also available with a 1/4" male square drive spindle.
- > Apart from that: Torque screwdrivers for the medical "clean-room" area are available on request.

NEW

PGNP FS

TORQUE SCREWDRIVER TYPE PGNP FS

0.05 - 13.5 N·m / pre-set

- Use:**
- > Controlled screw tightening in the range 0.05 - 13.5 N·m
 - > Serial manufacture with constant tightening value
 - > Electronic industry, precision mechanics and industrial manufacturing

Features:

- > **Pre-set torque screwdriver without a scale**
- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 - C 6.3
- > Classified to DIN EN ISO 6789:2003 Type II Class F, with a factory certificate allowing for operations to be traced back
- > Calibrated to a permitted +/- 6 % deviation of the set torque
- > Precision radial ball clutch and cam design for controlled bi-directional tightening
- > Precision mechanism slips very noticeably through when set torque is reached
- > Automatic resetting to the starting position
- > **Fatigue-free working due to an ergonomic hand grip and a smooth tool reset action**

- > **Calibration stickers can be easily applied to the purpose designed nose**
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- > **If ordering, please specify the N·m value - if a fixed factory setting is desired (price on request)**

Scope of delivery:

- > Torque screwdriver type PGNP FS
- > Models 4.5 and 13.5 with additional sliding T-bar for ease of use
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



| Hex " | Hex | cN·m | N·m | l-mm | kg | Code | No. |
|-------|-----|----------|-----------|------|-------|---------|--------------|
| 1/4 | 6.3 | 5-25 | 0,05-0,25 | 132 | 0.210 | 2927756 | PGNP 0.25 FS |
| 1/4 | 6.3 | 20-150 | 0,2-1,5 | 132 | 0.210 | 2927764 | PGNP 1.5 FS |
| 1/4 | 6.3 | 50-450 | 0,5-4,5 | 140 | 0.230 | 2927772 | PGNP 4.5 FS |
| 1/4 | 6.3 | 250-1350 | 2,5-13,5 | 140 | 0.230 | 2927780 | PGNP 13.5 FS |

PGNS FS

TORQUE SCREWDRIVER TYPE PGNS FS

0.2 - 4.5 N·m / pre-set

- Use:**
- > Controlled screw tightening in the range 0.2 - 4.5 N·m
 - > Serial manufacture with constant tightening value
 - > Precision mechanics and industrial manufacturing
 - > Basic model

Features:

- > **Pre-set torque screwdriver without a scale**
- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 - C 6.3
- > Working accuracy: +/- 10 % tolerance of the set torque, **without calibration certificate**
- > Acc. to DIN EN ISO 6789, traceable to national standards

- > Precision mechanism slips very noticeably through when set torque is reached
- > For controlled directional tightening, anti-clockwise operation for loosening
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- > **If ordering, please specify the N·m value - if a fixed factory setting is desired (price on request)**

Scope of delivery:

- > Torque screwdriver type PGNS FS
- > Delivered in sturdy cardboard packaging



| Hex " | Hex | cN·m | N·m | l-mm | kg | Code | No. |
|-------|-----|--------|---------|------|-------|---------|-------------|
| 1/4 | 6.3 | 20-150 | 0,2-1,5 | 138 | 0.198 | 2927721 | PGNS 1.5 FS |
| 1/4 | 6.3 | 50-450 | 0,5-4,5 | 138 | 0.198 | 2927748 | PGNS 4.5 FS |

NEW

PGNE FS

TORQUE SCREWDRIVER TYPE PGNE FS

0.05 - 13.5 N·m / pre-set

Use:

- > Controlled screw tightening in the range 0.05 - 13.5 N·m
- > Serial manufacture with constant tightening value
- > Electronic industry, precision mechanics and industrial manufacturing

Features:

- > **Pre-set torque screwdriver without a scale**
- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 - C 6.3
- > Classified to DIN EN ISO 6789:2003 Type II Class F, with a factory certificate allowing for operations to be traced back
- > Calibrated to a permitted +/- 6% deviation of the set torque
- > **EPA-conformant (Electrostatic Protected Area), for use in sensitive electrostatic applications**
- > Precision radial ball clutch and cam design for controlled bi-directional tightening
- > Precision mechanism slips very noticeably through when set torque is reached

- > Automatic resetting to the starting position
- > **Fatigue-free working due to an ergonomic hand grip and a smooth tool reset action**
- > **Calibration stickers can be easily applied to the purpose designed nose**
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- > **If ordering, please specify the N-m value - if a fixed factory setting is desired (price on request)**

Scope of delivery:

- > Torque screwdriver type PGNE FS
- > Models 4.5 and 13.5 with additional sliding T-bar for ease of use
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



| 1/4" | ⊘ | cN·m | N·m | ↳ mm ‹ | ⚖ | Code | No. |
|------|-----|----------|-----------|--------|-------|---------|--------------|
| 1/4 | 6.3 | 5-25 | 0,05-0,25 | 132 | 0.210 | 2927799 | PGNE 0.25 FS |
| 1/4 | 6.3 | 20-150 | 0,2-1,5 | 132 | 0.210 | 2927802 | PGNE 1.5 FS |
| 1/4 | 6.3 | 50-450 | 0,5-4,5 | 140 | 0.230 | 2927810 | PGNE 4.5 FS |
| 1/4 | 6.3 | 250-1350 | 2,5-13,5 | 140 | 0.230 | 2927829 | PGNE 13.5 FS |

755

TORQUE SCREWDRIVER TYPE FS

0.04-13.6 N·m / pre-set

Use:

- > Controlled screw tightening in the range 0.04 - 13.6 N·m
- > Serial manufacture with constant tightening value
- > Electronic industry, precision mechanics and industrial manufacturing

Features:

- > Pre-set torque screwdriver without a scale
- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 - C 6.3
- > With adaptor also suitable for 1/4" square drive sockets as per DIN 3124
- > Working accuracy: +/- 6% tolerance of the set torque
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Precision radial ball clutch and cam design for controlled bi-directional tightening
- > Precision mechanism slips very noticeably through when the set torque is reached
- > Automatic resetting to the starting position

- > Lightweight construction by virtue of anodised aluminium handgrips
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- > **If ordering, please specify the N-m value - if a fixed factory setting is desired (price on request)**

Scope of delivery:

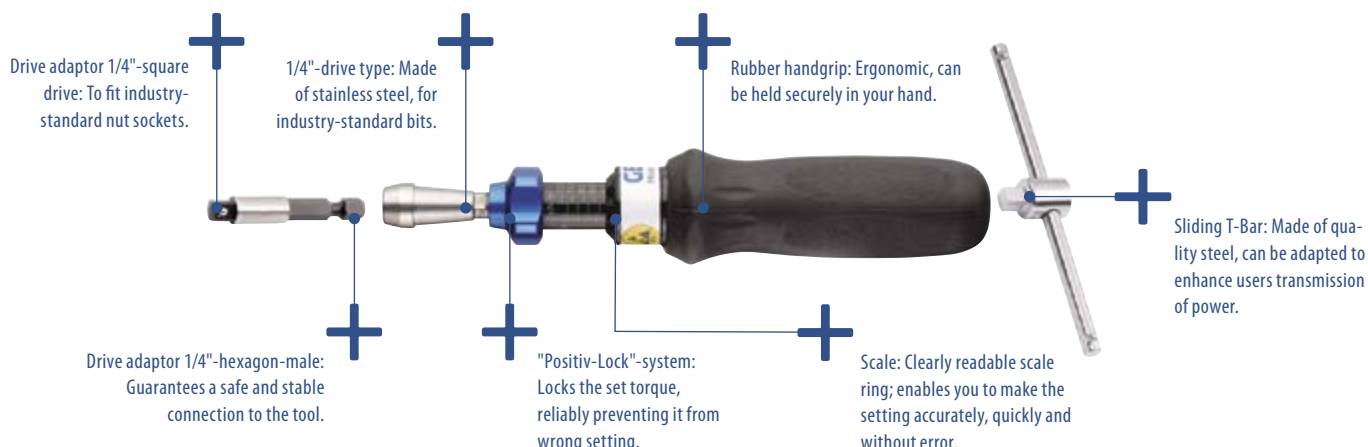
- > Torque screwdriver type 755
- > 1/4" square/hexagon drive adaptor (no. 757-20)
- > Model 755-05 with additional removable T-bar for ease of use
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



755-05

| 1/4" | ⊘ | ■" | ■ | cN·m | N·m | ↳ mm ‹ | ⚖ | Code | No. |
|------|-----|-----|-----|--------|-----------|--------|-------|---------|--------|
| 1/4 | 6.3 | 1/4 | 6.3 | 4,4-22 | 0,04-0,22 | 76 | 0.050 | 1471481 | 755-01 |
| 1/4 | 6.3 | 1/4 | 6.3 | 4,4-22 | 0,04-0,22 | 104 | 0.072 | 1471473 | 755-02 |
| 1/4 | 6.3 | 1/4 | 6.3 | 27-135 | 0,27-1,35 | 111 | 0.210 | 1471465 | 755-03 |
| 1/4 | 6.3 | 1/4 | 6.3 | 80-400 | 0,8-4,0 | 127 | 0.280 | 1471457 | 755-04 |
| 1/4 | 6.3 | 1/4 | 6.3 | | 2,8-13,6 | 137 | 0.325 | 1228501 | 755-05 |

TORQUE SCREWDRIVERS 756



756 TORQUE SCREWDRIVER TYPE S

0.08-9 N·m

Use:

- > Controlled screw tightening in the range 0.08 - 9 N·m
- > High-speed, controlled tightening enables serial production
- > Electrical and electronic hardware industry, instrument-making industry and industrial manufacturing or in quality control

Features:

- > Adjustable torque screwdriver - with scale
- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 - C 6.3
- > With adapter also suitable for 1/4" square drive sockets as per DIN 3124
- > Actuation accuracy: +/- 6% tolerance of the set value
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Precision radial ball clutch and cam design for controlled bi-directional tightening
- > Precision mechanism slips very noticeably through when the set torque is reached
- > Automatic resetting to the starting position
- > "Positive-Lock" system automatically fixes the set value preventing it from wrong setting.
- > 4 models in the range 0.05 N·m to 9 N·m

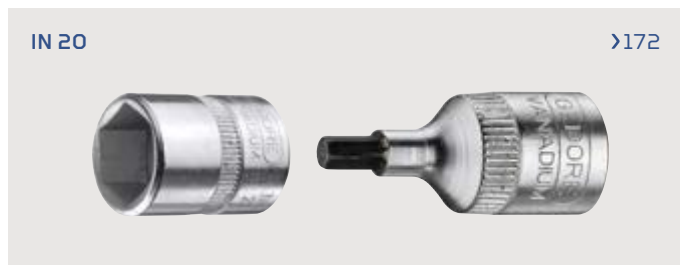
- > Micrometre scaling: 1 cN·m and 0.1 N·m
- > Very convenient, lightweight and non-slip rubber handgrip
- > EPA-conformant (Electrostatic Protected Area), for use in sensitive electrostatic applications

Scope of delivery:

- > Torque wrench type 756
- > 1/4" square/hexagon drive adapter (no. 757-20)
- > Models 756-06/-09 with additional sliding T-bar for ease of use
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



| ○" | ○ | ■" | ■ | cN·m | N·m | l<mm>l | ▬▬▬▬ | ⚖kg | Code | No. |
|-----|-----|-----|-----|---------|----------|--------|---------|-------|---------|--------|
| 1/4 | 6.3 | 1/4 | 6.3 | 8-40 | 0,08-0,4 | 159 | 1 cN·m | 0.124 | 1498738 | 756-00 |
| 1/4 | 6.3 | 1/4 | 6.3 | 24-120 | 0,24-1,2 | 183 | 1 cN·m | 0.165 | 1400150 | 756-01 |
| 1/4 | 6.3 | 1/4 | 6.3 | 120-600 | 1,2-6 | 196 | 0,1 N·m | 0.340 | 1400169 | 756-06 |
| 1/4 | 6.3 | 1/4 | 6.3 | 400-900 | 4-9 | 196 | 0,1 Nm | 0.340 | 1400177 | 756-09 |



757 TORQUE SCREWDRIVER TYPE S

0.24-9 N·m

Use:

- > Controlled screw tightening in the range 24 cN·m - 9 N·m
- > High-speed, controlled tightening enables serial production
- > Electrical and electronic hardware industry, instrument-making industry and industrial manufacturing or in quality control

Features:

- > Adjustable torque screwdriver with scale
- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 - C 6.3
- > With adaptor also suitable for 1/4" square drive sockets as per DIN 3124
- > Working accuracy: +/- 6 % tolerance of the set torque
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Precision radial ball clutch and cam design for controlled bi-directional tightening
- > Precision mechanism slips very noticeably through when set torque is reached
- > Automatic resetting to the starting position

- > Locking of the value by means of an adjusting knob
- > 3 models in the range 24 cN·m to 9 N·m
- > Micrometre scale graduation: 1 cN·m / 0.1 N·m
- > Lightweight construction by virtue of anodised aluminium handgrips

Scope of delivery:

- > Torque screwdriver type 757
- > 1/4" square/hexagon drive adaptor (no. 757-20)
- > Models 757-06/-09 with additional sliding T-bar for ease of use
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



757-09

| Hexagon Drive | Hexagon Size | Hexagon Size | Hexagon Size | cN·m | N·m | Length | Scale | Weight | Code | No. |
|---------------|--------------|--------------|--------------|---------|----------|--------|----------|--------|---------|--------|
| 1/4" | 6.3 | 1/4" | 6.3 | 24-120 | 0,24-1,2 | 169 | 1,0 cN·m | 0.165 | 7718050 | 757-01 |
| 1/4" | 6.3 | 1/4" | 6.3 | 120-600 | 1,2-6 | 184 | 0,1 N·m | 0.400 | 7718130 | 757-06 |
| 1/4" | 6.3 | 1/4" | 6.3 | 400-900 | 4-9 | 184 | 0,1 N·m | 0.400 | 7718210 | 757-09 |

758 TORQUE SCREWDRIVER TYPE SP

10-500 cN·m / 14 ozf·in - 40 lbf·in

Use:

- > In the torque range 0.1 - 5.0 N·m
- > For test and installation work in the electrical and electronic hardware industry, instrument-making industry and industrial manufacturing or in quality control

Features:

- > Dial-indicating torque and test screwdriver - with dual scale (cN·m/ozf·in/lbf·in)
- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 - C 6.3
- > With adapter also suitable for 1/4" square drive sockets as per DIN 3124
- > Display accuracy: +/- 6 % tolerance of the indicated value
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > For controlled bi-directional tightening
- > With slave-pointer function

- > For locking of maximum values / maximum-value display
- > 4 models in the range 0.1 N·m to 5.0 N·m
- > Lightweight construction by virtue of anodised aluminium handgrips
- > EPA-conformant (Electrostatic Protected Area), for use in sensitive electrostatic applications

Scope of delivery:

- > Torque screwdriver type 758
- > 1/4" square/hexagon drive adapter (no. 757-20)
- > Models 758-25/-50 with additional sliding T-bar for ease of use
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



| Hexagon Drive | Hexagon Size | Hexagon Size | Hexagon Size | cN·m | N·m | ozf·in / lbf·in | Length | Scale | Weight | Code | No. |
|---------------|--------------|--------------|--------------|---------|---------|-----------------|--------|----------------------|--------|---------|--------|
| 1/4" | 6.3 | 1/4" | 6.3 | 10-50 | 0,1-0,5 | 14-70 ozf·in | 178 | 2 cN·m / 2 ozf·in | 0.190 | 7096380 | 758-05 |
| 1/4" | 6.3 | 1/4" | 6.3 | 20-100 | 0,2-1 | 28-140 ozf·in | 178 | 5 cN·m / 5 ozf·in | 0.190 | 7096460 | 758-10 |
| 1/4" | 6.3 | 1/4" | 6.3 | 50-250 | 0,5-2,5 | 4-20 lbf·in | 250 | 10 cN·m / 0,5 lbf·in | 0.465 | 7096540 | 758-25 |
| 1/4" | 6.3 | 1/4" | 6.3 | 100-500 | 1,0-5,0 | 8-40 lbf·in | 250 | 20 cN·m / 1 lbf·in | 0.465 | 7096620 | 758-50 |

TSN SLIPPER

Pre-set ratchet head torque wrench with automatic actuation and slip function. Over-tightening is not possible.



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.

High repeatability
Guarantees constant tightening torques.

Rubber handgrip
Ergonomic and pleasant to hold in your hand. Prevents slipping.

Robust casting part
Made of corrosion-resistant, rustproof material.

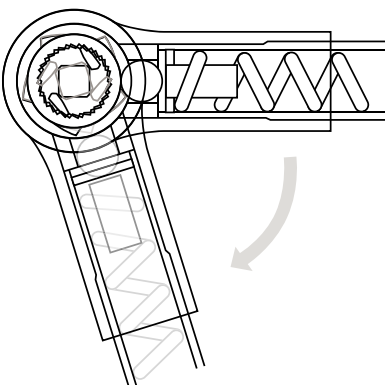
Output square drive
Made of quality steel with ball-locking mechanism



Working principle

TSN SLIPPER

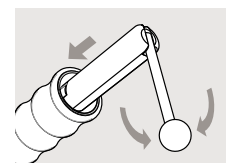
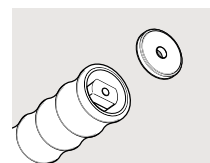
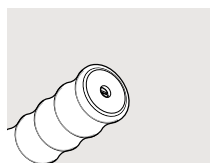
When the pre-set torque value is achieved, the mechanism slips through over the ball (without the possibility of over-tightening). The torque wrench is then immediately ready for the next operation.



Technical information

TSN SLIPPER & TBN BREAKER

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.



759 TORQUE WRENCH TSN SLIPPER

5-125 N·m / pre-set

Use:

- > Controlled screw tightening in the range 5 - 125 N·m
- > Serial / production-line assembling
- > Extremely long-term work

Features:

- > Pre-set production torque wrench - without scale
- > 1/4", 3/8" or 1/2" square drive with ball locking device
- > With integrated ratchet-function for controlled clockwise tightening
- > Working accuracy: +/- 4 % tolerance of the set torque
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Precision mechanism slips very noticeably and audibly ("click") when the pre-set value is achieved - over-tightening is not possible
- > Automatic resetting to the starting position
- > Lightweight yet robust and corrosion-resistant construction design

- > Very convenient non-slip rubber handgrip
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- > If ordering, please specify the N·m value - if a factory pre-setting is desired (price on request)
- > EPA-conformant (Electrostatic Protected Area), for use in sensitive electrostatic applications

Scope of delivery:

- > Torque wrench type TSN SLIPPER
- > Special adjusting key for changing the pre-set torque value
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



- > **TSN SLIPPER** - the pre-set production torque wrench (without scale).
- > With this torque wrench, accidental adjustment while working is ruled out.
- > The state-of-the-art lightweight production wrenches "slip" through as soon as the set torque is achieved.
- > Over-tightening is impossible.
- > The ideal torque tool for all jobs where for a longer time only one tightening torque value is required.
- > The automatic resetting and integrated ratchet are the ideal assistance for working swiftly.

- > TSNs for counter-clockwise tightening, bi-directional tightening without a ratchet-function or as a VDE-Wrench can be manufactured specially - on request.



| " | ■ | N·m | l- mm -l | ⚖ | Code | No. |
|-----|------|--------|----------|-------|---------|--------|
| 1/4 | 6.3 | 5-25 | 216 | 0.340 | 7091900 | 759-00 |
| 3/8 | 10.0 | 5-25 | 216 | 0.340 | 7092040 | 759-01 |
| 3/8 | 10.0 | 15-55 | 324 | 0.800 | 7092120 | 759-02 |
| 1/2 | 12.5 | 40-125 | 460 | 1.360 | 7092200 | 759-03 |

761 TORQUE WRENCH TSP SLIPPER

1-10 N·m / pre-set

Use:

- > Controlled screw tightening in the range 1 - 10 N·m
- > Ideal for assembly work where controlled tightening with low torque values is required (e.g. electronic hardware sector, precision mechanics etc.)

Features:

- > Pre-set production torque wrench - without scale
- > 1/4" square drive with ball locking device
- > With integrated ratchet-function for controlled clockwise tightening
- > Working accuracy: +/- 6 % tolerance of the set torque
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Precision mechanism slips very noticeably and audibly ("click") when the pre-set value is reached - over-tightening is not possible
- > Automatic resetting to the starting position
- > 2 models in the range 1 N-m to 10 N-m

- > **TSP SLIPPER** - the pre-set production torque wrench (without scale) for the lower torque range 1 - 10 N-m.
- > Accidental adjustment while working is ruled out.
- > The built-in ratchet with clockwise tightening and the corrosion-resistant lightweight construction design make this torque wrench the optimum working partner for quick and controlled screw tightening.
- > The integrated slipping mechanism reliably prevents over-tightening - the guarantee for high repeatability and controlled tightening values.

- > Extremely lightweight yet robust and corrosion-resistant construction design
- > Very convenient non-slip rubber handgrip
- > EPA-conformant (Electrostatic Protected Area), for use in sensitive electrostatic applications
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- > **If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)**

Scope of delivery:

- > Torque wrench type TSP SLIPPER
- > Adjusting tool for changing the pre-set torque value
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



| " | ■ | N·m | ↳ mm ‹ | ⚖ | Code | No. |
|-----|-----|------|--------|-------|---------|--------|
| 1/4 | 6.3 | 1-5 | 185 | 0.190 | 1196650 | 761-05 |
| 1/4 | 6.3 | 2-10 | 185 | 0.190 | 1196731 | 761-10 |

762 TORQUE WRENCH TSC SLIPPER

1-10 N·m

Use:

- > Controlled screw tightening in the range 1 - 10 N·m
- > Ideal for assembly work where controlled tightening with low torque values is required (e.g. electronic hardware sector, precision mechanics etc.)

Features:

- > Adjustable torque wrench - with scale
- > 1/4" square drive with ball locking device
- > With integrated ratchet-head function for controlled clockwise tightening
- > Working accuracy: +/- 6 % tolerance of set torque
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Precision mechanism slips very noticeably and audibly ("click") when the set torque is reached - over-tightening is not possible

- > The scale is situated on the body tube.
- > The setting is made by rotating the unlocked handgrip with the integrated micrometre ring.
- > **TSC SLIPPER** - the adjustable torque wrenches (with scale) for the lower torque range 1 - 10 N-m.
- > The built-in ratchet with clockwise tightening and the corrosion-resistant lightweight construction design make this torque wrench the optimum working partner for quick and controlled screw tightening.
- > The integrated slipping mechanism reliably prevents over-tightening - the guarantee for high repeatability and controlled tightening values.

- > Automatic resetting to the starting position
- > Micrometre scale graduation: 0.05 N·m / 0.1 N·m
- > 2 models in the range 1 N-m to 10 N-m
- > Extremely lightweight yet robust and corrosion-resistant construction design
- > Very convenient non-slip rubber handgrip
- > EPA-conformant (Electrostatic Protected Area), for use in sensitive electrostatic applications

Scope of delivery:

- > Torque wrench type TSC SLIPPER
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



| " | ■ | N·m | ↳ mm ‹ | 📏 | ⚖ | Code | No. |
|-----|-----|------|--------|----------|-------|---------|--------|
| 1/4 | 6.3 | 1-5 | 195 | 0,05 N·m | 0.235 | 1196480 | 762-05 |
| 1/4 | 6.3 | 2-10 | 195 | 0,1 N·m | 0.235 | 1196510 | 762-10 |

TBN BREAKER

Pre-set torque wrench with automatic snap actuation. Torque wrench offering maximum accuracy. Guaranteed tightening values without over-tightening.

+ **Drive**
16 mm spigot end or 9x12 mm rectangular cavity made of quality steel with pin-locking mechanism

+ **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°.

+ **Patented mechanism**
Guarantees a long product lifespan with guaranteed accuracy values

+ **Rubber handgrip:** Ergonomic and pleasant to hold in your hand. Prevents slipping.

+ **Lightweight steel tube**
Firm, solid, and free of corrosion



TBN Knicker
15
5 - 135 N-m



TBN Knicker
9x12
0,2 - 135 N-m

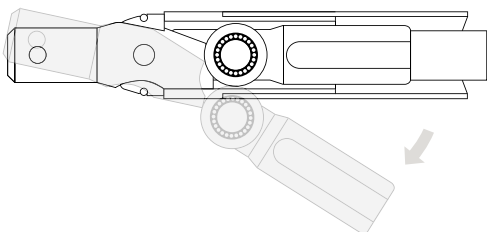


As an option, we also manufacture the TBN BREAKER models 760-00/-01 with interchangeable fittings directly positioned on the tool.

Working principle

TBN BREAKER

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

TBN BREAKER 760-00/-01 values are changed using the "Double Positive" adjustment system.



760 BREAKING TORQUE WRENCH TBN

0.4-135 N·m / 1.8-1195 lbf·in / pre-set

Use:

- > Controlled screw tightening in the range 0.4 - 135 N·m
- > Serial / production-line assembling
- > Extremely long-term work

Features:

- > Pre-set production torque wrench - without scale
- > With 9x12 mm rectangular-cavity-end or 16 mm spigot-end
- > For bi-directional tightening (the wrench only has to be turned by 180°!)
- > Working accuracy: +/- 4 % tolerance of the set torque
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Breaking of the handgrip by 20° (90° also possible in the case of no. 760-00/-01) when the pre-set torque value is achieved makes over-tightening unlikely
- > Automatic resetting to the starting position
- > Lightweight yet robust and corrosion-resistant construction design
- > Very convenient non-slip rubber handgrip

- > **No. 760-00/-01: EPA (Electrostatic Protected Area) compliant**
 - > The pre-setting can be made at the factory or by the user on suitable torque testers
 - > **If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)**
- Scope of delivery:**
- > TBN breaking torque wrench
 - > Adjusting tool for changing the pre-set torque value
 - > Test certificate acc. to DIN EN ISO 6789
 - > Delivered in sturdy cardboard packaging



760-00



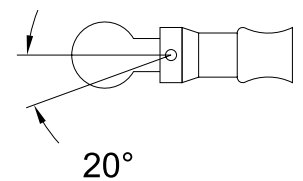
760-35



760-50



- > **TBN** breaking torque wrench - the pre-set production torque wrench (without scale).
- > With this torque wrench, accidental adjustment while working is ruled out.
- > The state-of-the-art lightweight production wrenches "break" as soon as the set torque is achieved.
- > Over-tightening is unlikely.
- > The ideal torque tool for all jobs where for a longer time only one tightening torque value is required.
- > For this reason, it is optimally suited for large series.
- > However, the TBN breaking torque wrench is also ideal when varying tightening values are required.



| □mm | ∅ | N·m | lbf·in | EPA | ↳ mm ▶ | ⚖kg | Code | No. |
|--------|----|---------|----------|-----|--------|-------|---------|--------|
| 9 x 12 | | 0,4-2,0 | 1,8-18 | x | 105 | 0.110 | 7090690 | 760-00 |
| 9 x 12 | | 2-10 | 17,8-89 | x | 105 | 0.130 | 7090770 | 760-01 |
| | 16 | 5-25 | 44-221 | | 265 | 0.405 | 1824686 | 760-30 |
| 9 x 12 | | 5-25 | 44-221 | | 265 | 0.405 | 1824694 | 760-35 |
| | 16 | 13-65 | 115-575 | | 302 | 0.745 | 1824708 | 760-40 |
| 9 x 12 | | 13-65 | 115-575 | | 302 | 0.745 | 1824716 | 760-45 |
| | 16 | 27-135 | 239-1195 | | 408 | 1.027 | 1824724 | 760-50 |
| 9 x 12 | | 27-135 | 239-1195 | | 408 | 0.830 | 7092630 | 760-11 |

Torque wrench Type 88

8800 TORQUE WRENCH TYPE 88

100-1500 N·m / 70-1000 lbf·ft

Use:

- > Controlled screw tightening in the range 100 - 1500 N-m
- > Industry and vehicle sector (lorries, industrial vehicles), machine maintenance

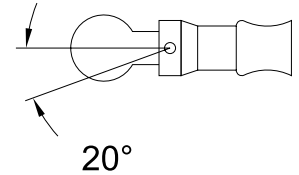
Features:

- > Adjustable torque wrench - with scale
- > 3/4" square drive with integrated ratchet-function or 22 mm spigot-end
- > Suitable for bi-directional tightening on account of push-through square drive
- > Working accuracy: +/- 4% tolerance of the value setting
- > 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 in N-m and lbf·ft
- > 5 models in the range 100 - 1500 N-m

Scope of delivery:

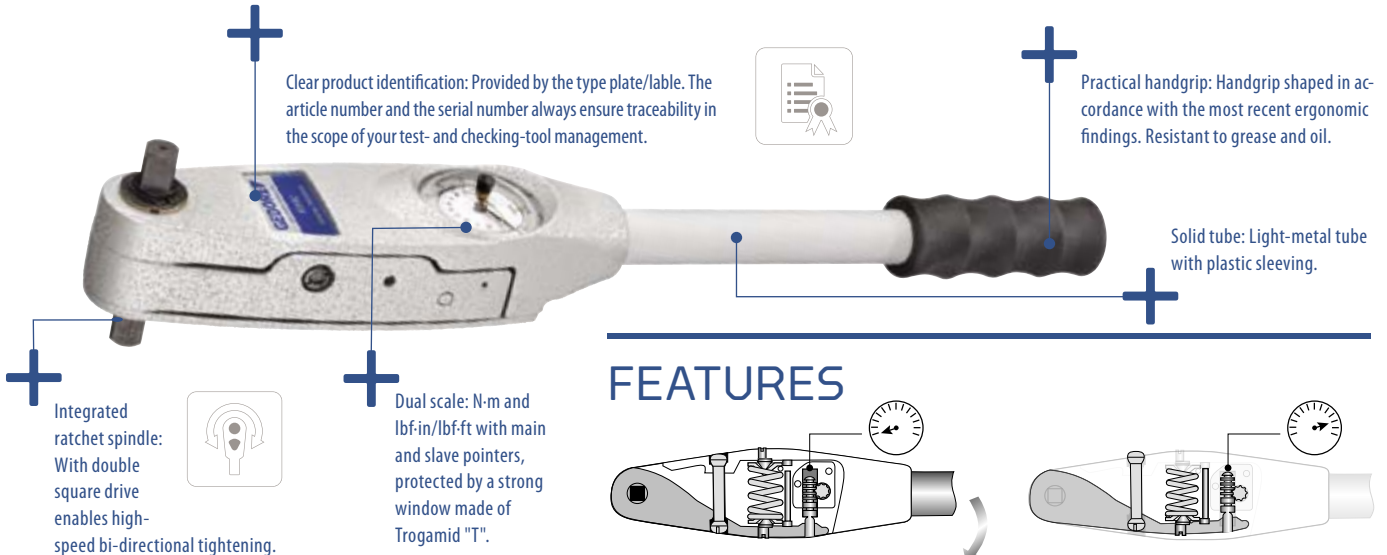
- > Type 88 breaking torque wrench
- > Operating instructions are provided on a label on the torque wrench
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging



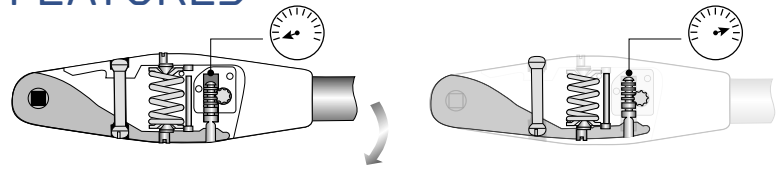
| □" | ■ | ∅ | N·m | lbf·ft | ↳ mm ↲ | ▬▬▬▬ | ⚖ kg | Code | No. |
|-----|----|----|----------|----------|--------|--------|------|---------|---------|
| 3/4 | 20 | | 100-500 | 70-350 | 915 | 10 N·m | 5.5 | 7715700 | 8800-01 |
| 3/4 | 20 | | 150-700 | 100-500 | 1090 | 10 N·m | 6.0 | 7715890 | 8800-02 |
| 3/4 | 20 | | 300-1000 | 200-750 | 1470 | 20 N·m | 7.3 | 7716000 | 8800-03 |
| 3/4 | 20 | | 700-1500 | 500-1000 | 1470 | 25 N·m | 10.5 | 7716190 | 8800-04 |
| | | 22 | 130-550 | 100-400 | 915 | 10 N·m | 4.8 | 7716270 | 8800-06 |

Torque wrench Type 83

TORQUE WRENCHES WITH SLAVE POINTER IDEAL FOR TEST, CONTROL AND MAINTENANCE WORK



FEATURES



The working principle of the torque wrench with slave pointer type 83

8301 - 8305

TORQUE WRENCH WITH SLAVE POINTER TYPE 83

0.8-2000 N·m / 7 lbf·in - 1500 lbf·ft



Use:

- > Controlled tightening and verification of tightening values
- > For use in all areas of industrial manufacturing and in quality control
- > Working ranges of 0.8 to 2000 N-m are covered

Features:

- > Dial-indicating torque wrench with dual scale and slave pointer
- > 1/4", 3/8", 1/2", 3/4" or 1" double-square drive with ball locking device for controlled bi-directional tightening
- > Models 8301-04 to 8304-80: With integrated ratchet-function
- > For controlled screw tightening and torque measurements
- > Working accuracy: +/- 4 % tolerance of the indicated torque
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > With dual scale in N-m and lbf-in or lbf-ft double-tinted clearly readable face
- > Integrated overload protection - mechanical stop up to max. 25 % overload of the maximum value
- > Housing made of lightweight, robust special aluminium construction - lacquered, silver-grey
- > Black, non-slip rubber handgrips
- > **Models 8301-04 to 8301-40: EPA-conformant (Electrostatic Protected Area), for use in sensitive electrostatic applications**
- > Audio-visual signal is standard on models 8303-40 to 8305-20

Scope of delivery:

- > Dial-measuring torque wrench type 83
- > Battery (models 8303-40 to 8305-20)
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in a sturdy black plastic box (no. 8301-04 to 8302-20), otherwise in sturdy cardboard packaging (no. 8303-40 to 8305-20)




| Type | █" | █ | N-m | lbf-in | lbf-ft | EPA | ↳ mm ↳ | ▬▬▬▬▬▬ | Height | ⚖ | Code | No. |
|------|-----|------|----------|--------|----------|-----|--------|--------------------|--------|------|---------|---------|
| ☞ | 1/4 | 6,3 | 0,8-4 | 7-35 | | x | 244 | 0,1 N-m / 1 lbf-in | 61 | 0,5 | 7651390 | 8301-04 |
| ☞ | 1/4 | 6,3 | 2,4-12 | 22-120 | | x | 244 | 0,5 N-m / 2 lbf-in | 61 | 0,5 | 7651470 | 8301-12 |
| ☞ | 3/8 | 10,0 | 5-25 | 44-240 | | x | 244 | 1 N-m / 10 lbf-in | 69 | 0,5 | 7651550 | 8301-25 |
| ☞ | 3/8 | 10,0 | 8-40 | 72-360 | | x | 244 | 1 N-m / 10 lbf-in | 69 | 0,5 | 7651630 | 8301-40 |
| ☞ | 1/2 | 12,5 | 16-80 | | 12-60 | | 435 | 2 N-m / 1 lbf-ft | 86 | 1,4 | 7651710 | 8302-08 |
| ☞ | 1/2 | 12,5 | 40-200 | | 30-160 | | 515 | 5 N-m / 5 lbf-ft | 86 | 1,4 | 7651980 | 8302-20 |
| ☞ | 3/4 | 20,0 | 80-400 | | 60-300 | | 710 | 10 N-m / 10 lbf-ft | 111 | 3,2 | 7652280 | 8303-40 |
| ☞ | 3/4 | 20,0 | 160-800 | | 120-600 | | 1000 | 20 N-m / 20 lbf-ft | 123 | 4,8 | 7652010 | 8304-80 |
| ☞ | 1 | 25,0 | 280-1400 | | 200-1000 | | 2040 | 25 N-m / 25 lbf-ft | 138 | 16,7 | 1196790 | 8305-14 |
| ☞ | 1 | 25,0 | 400-2000 | | 300-1500 | | 2040 | 50 N-m / 50 lbf-ft | 138 | 16,7 | 1196804 | 8305-20 |

ELECTRONIC TORQUE WRENCH E-TORC Q

Powerful. Variable.
Holders: Rectangular-cavity SE 9x12 (E-torc Q 100) and SE 14x18 (E-torc Q 200, 300)

Extensively. Resilient.
Large TFT graphics display of a 109 mm (4.3") diagonal with touch function. This makes a gloves operation possible.

Ergonomic. Safe.
The ergonomic handle ensures easy, safe handling - even with large tightening torques.



Flexible. Positional.
Easy-to-handle: Housing-oriented tool holding fixture rotatable through 60° in both directions (120°)

Intuitive. Visible.
Touch function or six hardware keys for intuitive user software operating and, in addition, an extremely robust enter key.

High-performance lithium-ion rechargeable battery with rapid changing system



All the standard measurement methods:

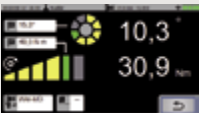



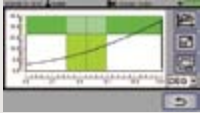






- > Torque
- > Torque/rotary angle
- > Loosening/tightening
- > First movement
- > Yield point
- > High measurement accuracy e.g. torque +/- 1%, +/- 1 digit



Communication to the high-capacity PC user software or attachment to CAQ systems (optional)



Charging unit for two lithium-ion rechargeable batteries (optional)

| | | |
|---|--|---|
| <p>> Virtual progress bar for torque and angle</p>  | <p>> Clear depiction of the measurement results</p>  | <p>> A variety of users and a user account management can be set up</p>  |
| <p>> Measured value compilation and assessment</p>  | <p>> Graph representation and evaluation directly possible at E-torc Q</p>  | <p>> Management of fitting and depth gauge parameters</p>  |
| <p>> Touch screen for clear objective input</p>  | <p>> Operating with workflows</p>  | <p>> Wireless (Wi-Fi 2.4 and 5 GHz) or USB mini interface for communication purposes</p>  |
| | | <p>> Acoustic, visual or vibration-induced signalling</p>  |
| | | <p>> 2D scanner (optional) for reading in barcodes and QR codes</p>  |

Electronic Torque Wrenches

ET2SA

ELECTRONIC TORQUE WRENCH E-TORC

2-1000 N·m / 1.5-750 lbf·ft, with rotary angle measurement



Tightening check for torque/rotary angle:

- > Optical, acoustic and sensory signalling on reaching the set bolting parameter/with additional visualisation of screw tightening by means of LED progress bar.
- > Software-enabling graphics evaluation.
- > Marked contrast graphics display with backdrop lighting

Drive:

- > Spigot end 22/28 mm, 1/4" square drive or 9x12/14x18 mm rectangular cavity with pin-locking mechanism. The installation size determines the drive (model-dependent)
- > ET2SKA 150 and ET2SKA 300 incl. 1/2" rectangular reversible ratchet head
- > For hard-to-access places and given not enough room.
- > Special tools on request.

Light and pleasant:

- > The aluminium housing and ergonomic handle ensure easy, safe handling - even with large tightening torques.
- > Tool holding fixture, as from ET2SKA 150 120° rotatable to the aluminium housing

Function keys:

- > Easy to use
- > Key pressure taring
- > Side ergonomic operating key
- > Convertible from N-m to lbf-ft via software

Fields of operation:

- > Mini-batch assembly
- > Quality assurance
- > Test labs and testing departments
- > Emergency strategies for bolting stations
- > Corrective work places
- > Inspection and analysis of bolted connections

Version:

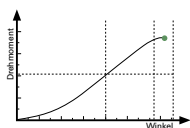
- > Large field of operation: 5 models in the range from 2 to 1000 N-m
- > Tool holding fixture 1/4" square, 9x12, 14x18 rectangular cavity with pin-locking mechanism, 22 and 28 mm spigot end
- > Signalling: visual (LED progress bar), acoustic (beep), sensory (vibration)
- > Tool holding fixture, as of ET2SKA 150 120° rotatable to the aluminium housing
- > Traceable to national standards
- > Torque reading precision +/- 1 %, +/- 1 digit from reading figure
- > Factory certificate as per DIN ISO 6789 Type I Class C
- > Optional certificate as per DAkkS-DKD-R 3-7
- > Rotary angle calibration based on VDI 2648 Sheet 2
- > Backlit graphic display
- > Input of depth gauges for a variety of attachment tools
- > Power supply: Battery or rechargeable battery operation

Evaluation:

- > Reading a max. 2,000 data records
- > Serial interface RS232 for PC (USB adapter enclosed)
- > Comprehensive documentation of all screw parameters

Scope of delivery:

- > Electronic torque wrench Etorc2S/A
- > Operating instructions with brief guide
- > Test certificate acc. to DIN EN ISO 6789:2003 Type I Class C
- > 2 standard Mignon AA batteries
- > Evaluating software and data transmission cable RS232 and USB
- > ET2SKA 150 and ET2SKA 300 incl. 1/2" rectangular reversible ratchet head
- > Delivered in a robust sheet-metal case with insert



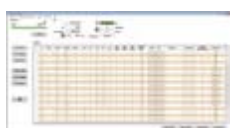
Torque/Angle



Editor



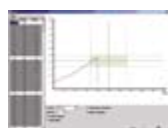
Parameter



Main screen



Settings



Curve diagram



| ■ " | ■ | □ mm | ∅ | N·m | lbf·ft | lw | a | b | c | d | kg | Code | No. |
|-----|------|---------|----|----------|--------|------|----|----|------|------|-----|---------|-------------|
| 1/4 | 6.3 | | | 2-25 | 1,5-18 | 275 | 35 | 45 | | 347 | 0.8 | 2795493 | ET2SKA 25 |
| 1/2 | 12.5 | 9 x 12 | | 10-150 | 7-111 | 457 | 35 | 45 | 17.5 | 514 | 1.3 | 2795612 | ET2SKA 150 |
| 1/2 | 12.5 | 14 x 18 | | 30-300 | 22-221 | 696 | 35 | 45 | 25.0 | 753 | 1.8 | 2795620 | ET2SKA 300 |
| | | | 22 | 100-600 | 74-443 | 990 | 35 | 45 | 56.0 | 1055 | 3.2 | 2795639 | ET2SKA 600 |
| | | | 28 | 100-1000 | 74-750 | 1423 | 40 | 45 | 75.0 | 1488 | 5.7 | 2795655 | ET2SKA 1000 |

TT3KH

ELECTRONIC TORQUE WRENCH TORCOTRONIC III

10-350 N·m / 7.4-258.2 lbf·ft

Use:

- > For everyday requirements in installation and torque control
- > For use in all areas of manufacturing and development

Features:

- > Microprocessor-controlled, electronic torque wrench
- > For controlled bi-directional tightening
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Robust workshop design
- > Broad measurement range in N-m, can be switched to lbf·ft
- > With 1/2" reversible ratchet. The ratchet is exchangeable, providing the option of using a 9x12 mm (TT3H 120) or 14x18 mm (TT3H 350) square socket

Characteristics:

- > Torque and torque angle measure
- > 4 different measuring modes
- > 5 parameters storable
- > USB interface for data exchange
- > 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 to operate with easy to understand icon-menu navigation and 4 functional keys
- > Clearly readable, illuminated LCD display
- > Resolution torque: 0.1 N-m
- > Resolution torque angle: 0.1°
- > PC-software easy to operate for uncomplicated programming and documentation of data
- > Data can be transferred to MS Excel®
- > Keyboard lock
- > Operation with standard Mignon AA or optional with rechargeable-battery (NiMH)
- > Visual signal: 3x LED (yellow, green, red)
- > Acoustic signal: buzzer
- > TÜV certified, CE and RoHS
- > 2 models in the range 10 - 350 N-m
- > Test certificate acc. to DIN EN ISO 6789:2003 Type I Class C
- > Calibration to DAkkS-DKD-R 3-7, Class 1 (on request)

Scope of delivery:

- > Electronic torque wrench TorcoTronic III HighLine
- > Reversible ratchet 1/2"
- > USB cable
- > Software on CD-R
- > Test certificate acc. to DIN EN ISO 6789:2003 Type I Class C
- > Delivered in a transparent plastic box with insert

Attention:

- > A PC, running a Windows® operating system (from Windows XP®) is required to obtain the full benefit of all the functions of this product.



Main menu



Settings



Parameter



Evaluation

| " | | mm | N·m | lbf·ft | kg | Code | No. |
|-----|------|---------|--------|------------|-----|---------|-----------|
| 1/2 | 12.5 | 9 x 12 | 10-120 | 7,4-88,5 | 0.9 | 2648636 | TT3KH 120 |
| 1/2 | 12.5 | 14 x 18 | 70-350 | 51,6-258,2 | 1.2 | 2648644 | TT3KH 350 |

Torque calibration analysers

8612

ELECTRONIC TORQUE TESTER DREMOTEST E

0.2-3150 N·m / 1.8 lbf·in - 2323 lbf·ft

- > For verifying and setting clockwise torque wrenches and torque screwdrivers
- > Easy to operate, electronic torque tester with integrated torque transducer (DMS)
- > 5 models in the range from 0.2 to 3150 N·m
- > With fixed hexagon female drive 1/4", 10, 17, 36, 46 mm or 1.1/2" square drive adaptor (model dependent)
- > With 1/4", 3/8", 1/2", 3/4", 1" square drive adaptor or bit adaptor (model dependent)
- > High measurement accuracy: +/- 1% tolerance of reading, +/- 1 digit
- > Break-Point-measurement (1st peak)
- > Autoreset
- > Can be switched from N·m to lbf·ft
- > Serial interface RS232
- > Optionally available: adaptor for cigarette lighter socket (12 V), no. 8612-390

Scope of delivery:

- > Electronic torque tester
- > RS232 cable
- > Power supply unit with EURO plug (UK, US, AUS-adaptor on request)
- > 100 - 240 V, 50 - 60 Hz, max. 500 mA (see type plate)
- > 2 sockets (size and drive model-dependent)
- > Adaptor for 8612-3150
- > Operating instructions
- > Packaging



8612-300



8612-3150

| N·m | lbf·in | lbf·ft | □ | Resolution | Adaptor □ | ⚖ | Code | No. |
|-----------------|---------|----------|------|------------|------------|------|---------|-----------|
| 0,2-12 | 1,8-106 | | 6.3 | 0,001 | 1/4", 3/8" | 3.0 | 2288311 | 8612-012 |
| 0,9-55 | | 0,7-40,6 | 10.0 | 0,01 | 1/4", 3/8" | 3.0 | 1947699 | 8612-050 |
| 9-320 | | 7-236 | 17.0 | 0,1 | 3/8", 1/2" | 3.0 | 1856111 | 8612-300 |
| 90-1100 | | 66-811 | 36.0 | 1 | 1/2", 3/4" | 10.0 | 1947702 | 8612-1000 |
| 500-3150 | | 369-2323 | | 1 | 1" | 26.0 | 2529858 | 8612-3150 |

OPTIONAL ACCESSORIES:

| Description | ⚖ | Code | No. |
|---|-------|---------|----------|
| Adaptor for cigarette lighter socket | 0.150 | 1878719 | 8612-390 |

Torsion test device E-tp

ETP

ELECTRONIC TORSION TEST DEVICE

- > For testing, and verifying clockwise and anti-clockwise torque wrenches
- > 5 models in the range of 0.5 to 3150 N-m
- > Vertical and horizontal testing according to DIN EN ISO 6789
- > Electronic torque tester integrated with measurement electronics
- > Robust housing from aluminium cast with separate or detachable operating display
- > Serial interface RS232 for PC
- > Traceable to national standards
- > ETP 15 with integrated overload protection and tool for manual resetting after unintended overload
- > Torque reading precision +/- 1 %, +/- 1 digit from reading figure
- > 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)
- > Power supply unit with EURO plug (UK, US, AUS-adaptor on request)
- > Accessories: Operating display, display holder incl. cable, software incl. connection cable for PC



| □" | □ | N-m | lbf-ft | Resolution | Adaptor | ⚖️ | Code | No. |
|-------|------|----------|------------|------------|------------|------|---------|----------|
| 1/4 | 6.3 | 0,5-15 | 0,4-11 | 0,001 N-m | - | 4.8 | 2795663 | ETP 15 |
| 1/2 | 12.5 | 4-100 | 3-74 | 0,01 N-m | 1/4", 3/8" | 10.0 | 2795701 | ETP 100 |
| 3/4 | 20.0 | 20-500 | 14,8-369 | 0,1 N-m | 3/8", 1/2" | 10.3 | 2795728 | ETP 500 |
| 3/4 | 20.0 | 50-1000 | 36,9-737,6 | 0,1 N-m | 3/8", 1/2" | 10.3 | 2795868 | ETP 1000 |
| 1.1/2 | 40.0 | 300-3150 | 221-2323 | 1,0 N-m | 3/4", 1" | 26.8 | 2795884 | ETP 3150 |

ETPG

BASIC HOUSING

- > From aluminium cast (except ETP3150)
- > Serial interface RS232 for PC
- > Traceable to national standards with factory certificate
- > High measurement accuracy: +/- 1 % tolerance of reading, +/- 1 digit
- > ETPG 15 with integrated overload protection and tool for manual resetting after unintended overload
- > Wide measuring range in N-m, can be switched to cN-m, lbf-ft or lbf-in
- > Power supply unit with EURO plug (UK, US, AUS-adaptor on request)



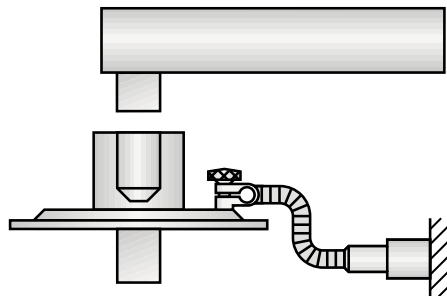
| □" | □ | N-m | lbf-ft | Resolution | Adaptor | ⚖️ | Code | No. |
|-------|------|----------|------------|------------|------------|------|---------|-----------|
| 1/4 | 6.3 | 0,5-15 | 0,4-11 | 0,001 N-m | - | 4.0 | 2795892 | ETPG 15 |
| 1/2 | 12.5 | 4-100 | 3-74 | 0,01 N-m | 1/4", 3/8" | 9.2 | 2795906 | ETPG 100 |
| 3/4 | 20.0 | 20-500 | 14,8-369 | 0,1 N-m | 3/8", 1/2" | 9.5 | 2795914 | ETPG 500 |
| 3/4 | 20.0 | 50-1000 | 36,9-737,6 | 0,1 N-m | 3/8", 1/2" | 9.5 | 2795930 | ETPG 1000 |
| 1.1/2 | 40.0 | 300-3150 | 221-2323 | 1,0 N-m | 3/4", 1" | 26.0 | 2795957 | ETPG 3150 |

Torque angle indicator

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

Use:

- > Additional angle-regulated tightening for controlled torque and angle activation

Features:

- > Torque angle indicator with 1/2" or 3/4" square drive
- > For additional precise angle tightening (0 - 360°)
- > 1/2" square drive with ball locking device or 3/4" square drive with pin locking device
- > No. 8200-01/-02 models with sliding magnetic and gripping arm
- > No. 8200-11 only with magnetic arm - simple design
- > To operate with a suitable torque wrench
- > The maximum output of the torque wrench must not be passed

Scope of delivery:

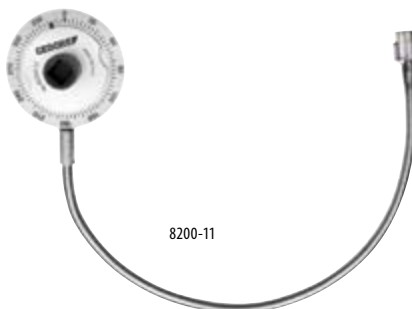
- > Torque angle indicator
- > Delivered in a strong plastic case (no. 8200-01/-02), model no. 8200-11 in sturdy hard cardboard packaging



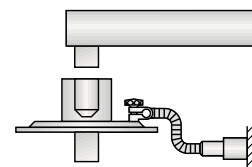
8200-01



8200-02



8200-11



| ■ " | □ " | ∅ mm | ∠ ° | ⚖ kg | Code | No. |
|-----|-----|------|-------|-------|---------|---------|
| 1/2 | 1/2 | 80 | 0-360 | 0.330 | 1195980 | 8200-01 |
| 1/2 | 1/2 | 82 | 0-360 | 0.330 | 7718480 | 8200-11 |
| 3/4 | 3/4 | 120 | 0-360 | 0.530 | 7716510 | 8200-02 |

Accessories

End fittings 16 Z

8791 (MM)
OPEN END FITTING

16 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking



| Ø mm | Ø | mm | Ø mm | Depth gauge | | Code | No. |
|------|----|----|------|-------------|-------|---------|---------|
| 7 | 16 | 5 | 20.5 | 32 | 0.080 | 7774470 | 8791-07 |
| 8 | 16 | 5 | 20.5 | 32 | 0.080 | 7774550 | 8791-08 |
| 9 | 16 | 5 | 20.5 | 32 | 0.080 | 7774630 | 8791-09 |
| 10 | 16 | 7 | 29.0 | 32 | 0.090 | 7710070 | 8791-10 |
| 11 | 16 | 7 | 29.0 | 32 | 0.090 | 7710150 | 8791-11 |
| 12 | 16 | 7 | 29.0 | 32 | 0.090 | 7676890 | 8791-12 |
| 13 | 16 | 8 | 34.5 | 32 | 0.120 | 7710230 | 8791-13 |
| 14 | 16 | 8 | 34.5 | 32 | 0.120 | 7710310 | 8791-14 |
| 15 | 16 | 8 | 34.5 | 32 | 0.120 | 7710580 | 8791-15 |
| 16 | 16 | 9 | 41.5 | 32 | 0.160 | 7710660 | 8791-16 |
| 17 | 16 | 9 | 41.5 | 32 | 0.160 | 7710740 | 8791-17 |
| 18 | 16 | 9 | 41.5 | 32 | 0.160 | 7676970 | 8791-18 |
| 19 | 16 | 10 | 45.0 | 32 | 0.180 | 7710820 | 8791-19 |

| Ø mm | Ø | mm | Ø mm | Depth gauge | | Code | No. |
|------|----|----|------|-------------|-------|---------|---------|
| 20 | 16 | 10 | 45.0 | 32 | 0.180 | 7710900 | 8791-20 |
| 21 | 16 | 10 | 45.0 | 32 | 0.180 | 7677000 | 8791-21 |
| 22 | 16 | 11 | 56.0 | 32 | 0.220 | 7711040 | 8791-22 |
| 23 | 16 | 11 | 56.0 | 32 | 0.220 | 1977164 | 8791-23 |
| 24 | 16 | 11 | 56.0 | 32 | 0.220 | 7711120 | 8791-24 |
| 25 | 16 | 11 | 56.0 | 32 | 0.220 | 1552279 | 8791-25 |
| 26 | 16 | 11 | 56.0 | 32 | 0.220 | 1552287 | 8791-26 |
| 27 | 16 | 12 | 60.5 | 32 | 0.260 | 7711200 | 8791-27 |
| 28 | 16 | 12 | 68.0 | 32 | 0.300 | 1207008 | 8791-28 |
| 29 | 16 | 12 | 68.0 | 32 | 0.300 | 1552309 | 8791-29 |
| 30 | 16 | 12 | 68.0 | 32 | 0.300 | 7774710 | 8791-30 |
| 32 | 16 | 12 | 68.0 | 32 | 0.300 | 7774980 | 8791-32 |
| 36 | 16 | 12 | 68.0 | 32 | 0.300 | 1552317 | 8791-36 |

8791 (AF)
OPEN END FITTING

16 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking



| Ø AF | Ø | mm | Ø mm | Depth gauge | | Code | No. |
|-------|----|----|------|-------------|-------|---------|--------------|
| 1/4 | 16 | 5 | 20.5 | 32 | 0.090 | 1211421 | 8791-1/4AF |
| 5/16 | 16 | 5 | 20.5 | 32 | 0.080 | 7720030 | 8791-5/16AF |
| 3/8 | 16 | 7 | 29.0 | 32 | 0.090 | 1211447 | 8791-3/8AF |
| 7/16 | 16 | 7 | 29.0 | 32 | 0.090 | 7720110 | 8791-7/16AF |
| 1/2 | 16 | 8 | 34.5 | 32 | 0.090 | 7720380 | 8791-1/2AF |
| 9/16 | 16 | 8 | 34.5 | 32 | 0.120 | 7720460 | 8791-9/16AF |
| 5/8 | 16 | 9 | 41.5 | 32 | 0.160 | 7720540 | 8791-5/8AF |
| 11/16 | 16 | 9 | 41.5 | 32 | 0.160 | 7720620 | 8791-11/16AF |
| 3/4 | 16 | 10 | 45.0 | 32 | 0.180 | 7720700 | 8791-3/4AF |
| 13/16 | 16 | 10 | 45.0 | 32 | 0.090 | 1211439 | 8791-13/16AF |
| 7/8 | 16 | 11 | 56.0 | 32 | 0.220 | 7720890 | 8791-7/8AF |
| 15/16 | 16 | 11 | 56.0 | 32 | 0.220 | 7720970 | 8791-15/16AF |

| Ø AF | Ø | mm | Ø mm | Depth gauge | | Code | No. |
|--------|----|----|------|-------------|-------|---------|---------------|
| 1 | 16 | 11 | 56.0 | 32 | 0.220 | 7721000 | 8791-1AF |
| 1.1/16 | 16 | 12 | 60.5 | 32 | 0.260 | 7721190 | 8791-1.1/16AF |
| 1.1/8 | 16 | 12 | 68.0 | 32 | 0.300 | 7721270 | 8791-1.1/8AF |
| 1.3/16 | 16 | 12 | 68.0 | 32 | 0.300 | 7776170 | 8791-1.3/16AF |
| 1.1/4 | 16 | 12 | 68.0 | 32 | 0.300 | 7776250 | 8791-1.1/4AF |
| 1.5/16 | 16 | 12 | 68.0 | 32 | 0.300 | 7776330 | 8791-1.5/16AF |

8792 (MM)

RING END FITTING

16 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking



| Ø mm | Ø | mm ₂ | Ø mm | Depth gauge | kg | Code | No. |
|------|----|-----------------|------|-------------|-------|---------|---------|
| 7 | 16 | 8 | 15.0 | 32 | 0.090 | 7775010 | 8792-07 |
| 8 | 16 | 8 | 15.0 | 32 | 0.090 | 7775280 | 8792-08 |
| 9 | 16 | 8 | 15.0 | 32 | 0.090 | 7775360 | 8792-09 |
| 10 | 16 | 10 | 19.5 | 32 | 0.100 | 7712600 | 8792-10 |
| 11 | 16 | 10 | 19.5 | 32 | 0.100 | 7712790 | 8792-11 |
| 12 | 16 | 10 | 19.5 | 32 | 0.100 | 7677190 | 8792-12 |
| 13 | 16 | 12 | 23.5 | 32 | 0.140 | 7712870 | 8792-13 |
| 14 | 16 | 12 | 23.5 | 32 | 0.140 | 7712950 | 8792-14 |
| 15 | 16 | 12 | 23.5 | 32 | 0.140 | 7713090 | 8792-15 |
| 16 | 16 | 13 | 28.5 | 32 | 0.180 | 7713170 | 8792-16 |

| Ø mm | Ø | mm ₂ | Ø mm | Depth gauge | kg | Code | No. |
|------|----|-----------------|------|-------------|-------|---------|---------|
| 17 | 16 | 13 | 28.5 | 32 | 0.180 | 7713250 | 8792-17 |
| 18 | 16 | 13 | 28.5 | 32 | 0.180 | 7677270 | 8792-18 |
| 19 | 16 | 14 | 31.5 | 32 | 0.210 | 7713330 | 8792-19 |
| 20 | 16 | 14 | 31.5 | 32 | 0.210 | 7713410 | 8792-20 |
| 21 | 16 | 14 | 31.5 | 32 | 0.210 | 7677350 | 8792-21 |
| 22 | 16 | 15 | 39.5 | 32 | 0.260 | 7713680 | 8792-22 |
| 23 | 16 | 15 | 39.5 | 32 | 0.270 | 1211471 | 8792-23 |
| 24 | 16 | 15 | 39.5 | 32 | 0.260 | 7713760 | 8792-24 |
| 27 | 16 | 16 | 41.5 | 32 | 0.300 | 7713840 | 8792-27 |

8792 (AF)

RING END FITTING

16 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking



| Ø AF | Ø | mm ₂ | Ø mm | Depth gauge | kg | Code | No. |
|------|----|-----------------|------|-------------|-------|---------|-------------|
| 1/4 | 16 | 8 | 15.0 | 32 | 0.100 | 1211455 | 8792-1/4AF |
| 5/16 | 16 | 8 | 15.0 | 32 | 0.090 | 7721350 | 8792-5/16AF |
| 3/8 | 16 | 10 | 19.5 | 32 | 0.100 | 1211498 | 8792-3/8AF |
| 7/16 | 16 | 10 | 19.5 | 32 | 0.100 | 7721430 | 8792-7/16AF |
| 1/2 | 16 | 12 | 23.5 | 32 | 0.100 | 7721510 | 8792-1/2AF |
| 9/16 | 16 | 12 | 23.5 | 32 | 0.140 | 7721780 | 8792-9/16AF |
| 5/8 | 16 | 13 | 28.5 | 32 | 0.140 | 7721860 | 8792-5/8AF |

| Ø AF | Ø | mm ₂ | Ø mm | Depth gauge | kg | Code | No. |
|--------|----|-----------------|------|-------------|-------|---------|---------------|
| 11/16 | 16 | 13 | 28.5 | 32 | 0.180 | 7721940 | 8792-11/16AF |
| 3/4 | 16 | 14 | 31.5 | 32 | 0.210 | 7722080 | 8792-3/4AF |
| 13/16 | 16 | 14 | 31.5 | 32 | 0.100 | 1211463 | 8792-13/16AF |
| 7/8 | 16 | 15 | 39.5 | 32 | 0.260 | 7722160 | 8792-7/8AF |
| 15/16 | 16 | 15 | 39.5 | 32 | 0.260 | 7722240 | 8792-15/16AF |
| 1 | 16 | 15 | 39.5 | 32 | 0.300 | 7722320 | 8792-1AF |
| 1.1/16 | 16 | 16 | 41.5 | 32 | 0.300 | 7722400 | 8792-1.1/16AF |

8797

FLARED END FITTING

16 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking



| Ø mm | Ø | mm ₂ | Ø mm | max. N·m | c ₁ | Depth gauge | kg | Code | No. |
|------|----|-----------------|------|----------|----------------|-------------|-------|---------|---------|
| 7 | 16 | 8 | 15.0 | 7.0 | 5.5 | 32 | 0.090 | 1211587 | 8797-07 |
| 8 | 16 | 8 | 15.0 | 6.5 | 6.0 | 32 | 0.090 | 1211595 | 8797-08 |
| 9 | 16 | 8 | 15.0 | 5.5 | 6.5 | 32 | 0.090 | 1211609 | 8797-09 |
| 10 | 16 | 10 | 19.5 | 26.0 | 7.0 | 32 | 0.100 | 1211625 | 8797-10 |
| 11 | 16 | 10 | 19.5 | 19.0 | 8.5 | 32 | 0.100 | 1211633 | 8797-11 |
| 12 | 16 | 10 | 19.5 | 13.0 | 9.0 | 32 | 0.120 | 1211641 | 8797-12 |
| 13 | 16 | 12 | 23.5 | 34.0 | 10.0 | 32 | 0.140 | 1211668 | 8797-13 |
| 14 | 16 | 12 | 23.5 | 24.0 | 11.2 | 32 | 0.140 | 7664290 | 8797-14 |
| 15 | 16 | 12 | 23.5 | 18.0 | 12.0 | 32 | 0.140 | 1211684 | 8797-15 |

| Ø mm | Ø | mm ₂ | Ø mm | max. N·m | c ₁ | Depth gauge | kg | Code | No. |
|------|----|-----------------|------|----------|----------------|-------------|-------|---------|---------|
| 16 | 16 | 13 | 28.5 | 66.0 | 13.0 | 32 | 0.180 | 1211692 | 8797-16 |
| 17 | 16 | 13 | 28.5 | 56.0 | 14.0 | 32 | 0.180 | 1211706 | 8797-17 |
| 18 | 16 | 13 | 28.5 | 45.0 | 14.5 | 32 | 0.200 | 1211714 | 8797-18 |
| 19 | 16 | 14 | 31.5 | 80.0 | 15.0 | 32 | 0.210 | 1211722 | 8797-19 |
| 20 | 16 | 14 | 31.5 | 60.0 | 16.0 | 32 | 0.210 | 1211731 | 8797-20 |
| 21 | 16 | 14 | 31.5 | 43.0 | 16.5 | 32 | 0.210 | 1211749 | 8797-21 |
| 22 | 16 | 15 | 39.5 | 172.0 | 17.0 | 32 | 0.260 | 1211757 | 8797-22 |
| 24 | 16 | 15 | 39.5 | 118.0 | 18.0 | 32 | 0.260 | 1211773 | 8797-24 |
| 27 | 16 | 16 | 41.5 | 76.0 | 20.0 | 32 | 0.300 | 1211781 | 8797-27 |

8754 RATCHET HEAD

16 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated

- > With eject pin for unlocking
- > Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity



8754-01



8754-02



| ■" | ■ | ∅ | Type | Depth gauge | Continuous load | ⚖ | Code | No. |
|-----|------|----|------|-------------|-----------------|-------|---------|---------|
| 3/8 | 10.0 | 16 | ● | 32 | 3/8" = 135 N-m | 0.170 | 7711980 | 8754-01 |
| 1/2 | 12.5 | 16 | ● | 32 | 1/2" = 340 N-m | 0.270 | 7712010 | 8754-02 |

8756 END FITTING IN-HEX

16 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking

8790 - 8793 FIXED SQUARE HEAD

16 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject pin for unlocking
- > Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity



| ● mm | ∅ | Depth gauge | ⚖ | Code | No. |
|------|----|-------------|-------|---------|---------|
| 3 | 16 | 32 | 0.100 | 7773740 | 8756-03 |
| 4 | 16 | 32 | 0.100 | 7773820 | 8756-04 |
| 5 | 16 | 32 | 0.100 | 7773900 | 8756-05 |
| 6 | 16 | 32 | 0.100 | 7774040 | 8756-06 |
| 8 | 16 | 36 | 0.110 | 7774120 | 8756-08 |

| ■" | ■ | ∅ | Type | Depth gauge | Continuous load | ⚖ | Code | No. |
|-----|------|----|------|-------------|-----------------|-------|---------|---------|
| 3/8 | 10.0 | 16 | ■ | 32 | 3/8" = 135 N-m | 0.350 | 7709490 | 8790-00 |
| 1/2 | 12.5 | 16 | ■ | 32 | 1/2" = 340 N-m | 0.380 | 7709570 | 8793-00 |

End fittings 22 Z

8794-00

FIXED SQUARE HEAD

22 Z

- › For accessing bolts in cramped and hard-to-reach locations, easy to change
- › Forged
- › Chrome-vanadium steel, matt chrome-plated



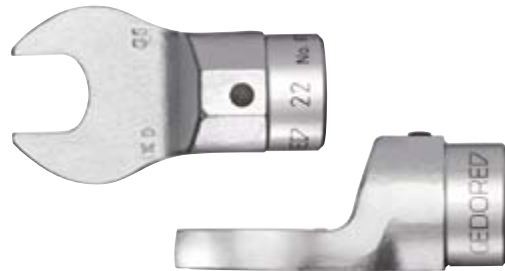
| ■" | ■ | ∅ | Type | Depth gauge | Continuous load | | Code | No. |
|-----|----|----|------|-------------|-----------------|-------|---------|---------|
| 3/4 | 20 | 22 | | 56 | 3/4" = 850 N·m | 0.610 | 7708840 | 8794-00 |

8795

OPEN END FITTING

22 Z

- › For accessing bolts in cramped and hard-to-reach locations, easy to change
- › Forged
- › Chrome-vanadium steel, matt chrome-plated
- › With eject-pin for unlocking



| ∅ mm | ∅ | mm | ∅ mm | Depth gauge | | Code | No. |
|------|----|----|------|-------------|-------|---------|---------|
| 22 | 22 | 11 | 52.0 | 56 | 0.330 | 7707010 | 8795-22 |
| 24 | 22 | 11 | 52.0 | 56 | 0.320 | 7707280 | 8795-24 |
| 27 | 22 | 12 | 64.0 | 56 | 0.380 | 7707360 | 8795-27 |
| 30 | 22 | 12 | 64.0 | 56 | 0.370 | 7707440 | 8795-30 |
| 32 | 22 | 12 | 75.5 | 56 | 0.450 | 7707520 | 8795-32 |

| ∅ mm | ∅ | mm | ∅ mm | Depth gauge | | Code | No. |
|------|----|----|------|-------------|-------|---------|---------|
| 34 | 22 | 12 | 75.5 | 56 | 0.430 | 7677430 | 8795-34 |
| 36 | 22 | 12 | 75.5 | 56 | 0.430 | 7707600 | 8795-36 |
| 41 | 22 | 12 | 94.0 | 56 | 0.580 | 7707790 | 8795-41 |
| 46 | 22 | 12 | 94.0 | 56 | 0.530 | 7707870 | 8795-46 |

8796

RING END FITTING

22 Z

- › For accessing bolts in cramped and hard-to-reach locations, easy to change
- › Forged
- › Chrome-vanadium steel, matt chrome-plated
- › With eject-pin for unlocking



| ∅ mm | ∅ | mm | ∅ mm | Depth gauge | | Code | No. |
|------|----|----|------|-------------|-------|---------|---------|
| 22 | 22 | 15 | 38.0 | 56 | 0.350 | 7707950 | 8796-22 |
| 24 | 22 | 15 | 38.0 | 56 | 0.330 | 7708090 | 8796-24 |
| 27 | 22 | 17 | 46.5 | 56 | 0.370 | 7708170 | 8796-27 |
| 30 | 22 | 17 | 46.5 | 56 | 0.350 | 7708250 | 8796-30 |
| 32 | 22 | 20 | 54.0 | 56 | 0.420 | 7708330 | 8796-32 |

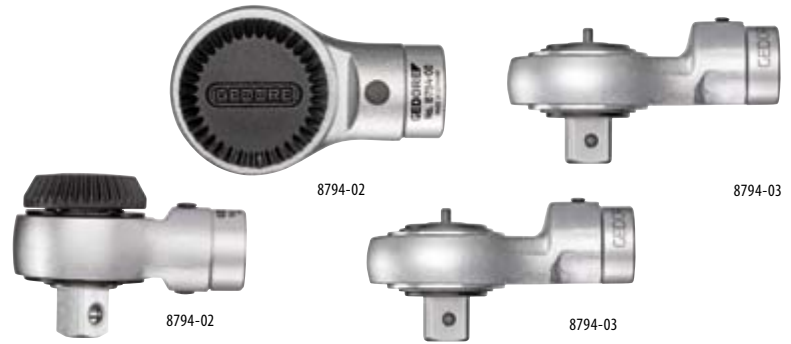
| ∅ mm | ∅ | mm | ∅ mm | Depth gauge | | Code | No. |
|------|----|----|------|-------------|-------|---------|---------|
| 34 | 22 | 20 | 54.0 | 56 | 0.420 | 7677510 | 8796-34 |
| 36 | 22 | 20 | 54.0 | 56 | 0.390 | 7708410 | 8796-36 |
| 41 | 22 | 22 | 68.0 | 56 | 0.560 | 7708680 | 8796-41 |
| 46 | 22 | 22 | 68.0 | 56 | 0.520 | 7708760 | 8796-46 |

8794-02 - 8794-03

RATCHET HEAD

22 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking



| ■" | ■ | ∅ | Type | Depth gauge | Continuous load | ⚖️ | Code | No. |
|-----|----|----|------|-------------|-----------------|-------|---------|---------|
| 3/4 | 20 | 22 | ●□ | 56 | 3/4" = 850 N-m | 1.011 | 2961385 | 8794-02 |
| 3/4 | 20 | 22 | ●□ | 56 | 3/4" = 850 N-m | 0.950 | 1427318 | 8794-03 |

End fittings 28 Z

8798

OPEN END FITTING

28 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Chrome-vanadium steel, matt chrome-plated
- > With catch retention
- > Special sizes available on request



| ∅ mm | ∅ | mm ² ↔ | ∅ mm | Depth gauge | ⚖️ | Code | No. |
|------|----|-------------------|-------|-------------|-----|---------|---------|
| 36 | 28 | 18.0 | 77.5 | 75 | 1.9 | 1565346 | 8798-36 |
| 41 | 28 | 19.5 | 89.0 | 75 | 1.9 | 1565354 | 8798-41 |
| 46 | 28 | 20.0 | 99.0 | 75 | 1.9 | 1565362 | 8798-46 |
| 50 | 28 | 21.5 | 108.0 | 75 | 1.9 | 1565370 | 8798-50 |
| 55 | 28 | 24.5 | 118.5 | 75 | 2.1 | 1565389 | 8798-55 |
| 60 | 28 | 24.5 | 129.5 | 75 | 2.1 | 1565397 | 8798-60 |
| 65 | 28 | 28.0 | 140.5 | 75 | 2.4 | 1565400 | 8798-65 |
| 70 | 28 | 30.0 | 151.0 | 75 | 2.9 | 1565419 | 8798-70 |
| 75 | 28 | 31.5 | 163.0 | 100 | 4.0 | 1565427 | 8798-75 |

8799

RING END FITTING

28 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Chrome-vanadium steel, matt chrome-plated
- > With catch retention
- > Special sizes available on request



| ∅ mm | ∅ | mm ² ↔ | ∅ mm | Depth gauge | ⚖️ | Code | No. |
|------|----|-------------------|------|-------------|-----|---------|---------|
| 36 | 28 | 19.5 | 60 | 75 | 1.6 | 1565494 | 8799-36 |
| 41 | 28 | 20.5 | 66 | 75 | 1.8 | 1565508 | 8799-41 |
| 46 | 28 | 22.5 | 75 | 75 | 2.1 | 1565516 | 8799-46 |
| 50 | 28 | 23.5 | 80 | 75 | 2.2 | 1565524 | 8799-50 |
| 55 | 28 | 25.0 | 88 | 75 | 2.4 | 1565532 | 8799-55 |
| 60 | 28 | 26.0 | 94 | 75 | 2.5 | 1565540 | 8799-60 |
| 65 | 28 | 29.0 | 101 | 75 | 2.9 | 1565559 | 8799-65 |
| 70 | 28 | 32.5 | 110 | 75 | 2.0 | 1565567 | 8799-70 |
| 75 | 28 | 34.0 | 117 | 100 | 4.5 | 1565575 | 8799-75 |
| 80 | 28 | 35.0 | 123 | 100 | 4.8 | 1565583 | 8799-80 |

8794

RATCHET HEAD

28 Z

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Chrome-vanadium steel, matt chrome-plated
- > With catch retention
- > Max. continuous load of coupler according to DIN EN ISO 6789:2003 and/or maximum support load: 1000 N-m



| ■" | ■ | ∅ | Type | Depth gauge | ⚖️ | Code | No. |
|-----|----|----|------|-------------|-----|---------|---------|
| 3/4 | 20 | 28 | ●□ | 75 | 1.8 | 1566032 | 8794-05 |

End fittings 9x12 SE

7112

RECTANGULAR OPEN END FITTING

9x12

- › For accessing bolts in cramped and hard-to-reach locations, easy to change
- › Forged
- › Chrome-vanadium steel, matt chrome-plated
- › With eject-pin for unlocking



| Ø mm | □ mm | mm ² ⇄ | Ø mm | Depth gauge | ⇄ kg | Code | No. |
|------|--------|-------------------|------|-------------|-------|---------|---------|
| 7 | 9 x 12 | 5.5 | 20.0 | 17.5 | 0.035 | 7688390 | 7112-07 |
| 8 | 9 x 12 | 5.5 | 21.5 | 17.5 | 0.035 | 7688550 | 7112-08 |
| 9 | 9 x 12 | 5.5 | 23.0 | 17.5 | 0.035 | 7679050 | 7112-09 |
| 10 | 9 x 12 | 5.5 | 24.5 | 17.5 | 0.040 | 7688630 | 7112-10 |
| 11 | 9 x 12 | 5.5 | 26.0 | 17.5 | 0.030 | 7688980 | 7112-11 |
| 12 | 9 x 12 | 5.5 | 27.5 | 17.5 | 0.035 | 7679560 | 7112-12 |
| 13 | 9 x 12 | 5.5 | 29.0 | 17.5 | 0.035 | 7689010 | 7112-13 |
| 14 | 9 x 12 | 7.5 | 31.0 | 20.0 | 0.040 | 7689360 | 7112-14 |

| Ø mm | □ mm | mm ² ⇄ | Ø mm | Depth gauge | ⇄ kg | Code | No. |
|------|--------|-------------------|------|-------------|-------|---------|---------|
| 15 | 9 x 12 | 7.5 | 33.0 | 20.0 | 0.040 | 7689440 | 7112-15 |
| 16 | 9 x 12 | 7.5 | 35.0 | 20.0 | 0.045 | 7679990 | 7112-16 |
| 17 | 9 x 12 | 7.5 | 37.0 | 20.0 | 0.050 | 7689600 | 7112-17 |
| 18 | 9 x 12 | 7.5 | 39.0 | 20.0 | 0.060 | 7684560 | 7112-18 |
| 19 | 9 x 12 | 7.5 | 41.0 | 20.0 | 0.060 | 7689790 | 7112-19 |

7212

RECTANGULAR RING END FITTING

9x12

- › For accessing bolts in cramped and hard-to-reach locations, easy to change
- › Forged
- › Chrome-vanadium steel, matt chrome-plated
- › With eject-pin for unlocking



| Ø mm | □ mm | mm ² ⇄ | Ø mm | Depth gauge | ⇄ kg | Code | No. |
|------|--------|-------------------|------|-------------|-------|---------|---------|
| 7 | 9 x 12 | 8 | 13.0 | 17.5 | 0.030 | 7691340 | 7212-07 |
| 8 | 9 x 12 | 8 | 14.2 | 17.5 | 0.030 | 7691420 | 7212-08 |
| 10 | 9 x 12 | 8 | 17.2 | 17.5 | 0.030 | 7691690 | 7212-10 |
| 11 | 9 x 12 | 8 | 18.6 | 17.5 | 0.030 | 7691770 | 7212-11 |
| 12 | 9 x 12 | 12 | 20.0 | 17.5 | 0.035 | 7677940 | 7212-12 |
| 13 | 9 x 12 | 12 | 21.5 | 17.5 | 0.035 | 7691930 | 7212-13 |
| 14 | 9 x 12 | 12 | 23.0 | 17.5 | 0.040 | 7692230 | 7212-14 |

| Ø mm | □ mm | mm ² ⇄ | Ø mm | Depth gauge | ⇄ kg | Code | No. |
|------|--------|-------------------|------|-------------|-------|---------|---------|
| 15 | 9 x 12 | 12 | 24.0 | 17.5 | 0.040 | 7692580 | 7212-15 |
| 16 | 9 x 12 | 13 | 26.0 | 17.5 | 0.040 | 7678080 | 7212-16 |
| 17 | 9 x 12 | 13 | 27.0 | 17.5 | 0.040 | 7692740 | 7212-17 |
| 18 | 9 x 12 | 13 | 28.5 | 17.5 | 0.040 | 7678160 | 7212-18 |
| 19 | 9 x 12 | 13 | 30.5 | 17.5 | 0.040 | 7692820 | 7212-19 |
| 21 | 9 x 12 | 15 | 33.0 | 17.5 | 0.050 | 7678240 | 7212-21 |
| 22 | 9 x 12 | 15 | 34.5 | 17.5 | 0.050 | 7693040 | 7212-22 |

7312

RECTANGULAR FLARED END FITTING

9x12

- › For accessing bolts in cramped and hard-to-reach locations, easy to change
- › Forged
- › Chrome-vanadium steel, matt chrome-plated
- › With eject-pin for unlocking



| Ø mm | □ mm | mm ² ⇄ | Ø mm | Opening width | Depth gauge | ⇄ kg | Code | No. |
|------|--------|-------------------|------|---------------|-------------|-------|---------|---------|
| 10 | 9 x 12 | 12 | 21.0 | 7.3 | 17.5 | 0.040 | 7685290 | 7312-10 |
| 11 | 9 x 12 | 12 | 22.5 | 8.7 | 17.5 | 0.040 | 7685370 | 7312-11 |
| 12 | 9 x 12 | 12 | 24.0 | 9.0 | 17.5 | 0.040 | 7699590 | 7312-12 |
| 13 | 9 x 12 | 12 | 25.0 | 10.0 | 17.5 | 0.040 | 7679210 | 7312-13 |
| 14 | 9 x 12 | 13 | 27.0 | 11.0 | 17.5 | 0.050 | 7679480 | 7312-14 |

| Ø mm | □ mm | mm ² ⇄ | Ø mm | Opening width | Depth gauge | ⇄ kg | Code | No. |
|------|--------|-------------------|------|---------------|-------------|-------|---------|---------|
| 17 | 9 x 12 | 13 | 31.5 | 14.0 | 17.5 | 0.065 | 7685880 | 7312-17 |
| 18 | 9 x 12 | 15 | 33.0 | 14.7 | 17.5 | 0.065 | 7679640 | 7312-18 |
| 19 | 9 x 12 | 15 | 34.5 | 15.3 | 17.5 | 0.065 | 7686260 | 7312-19 |
| 22 | 9 x 12 | 15 | 39.0 | 17.0 | 17.5 | 0.065 | 7679720 | 7312-22 |

7412

RECTANGULAR REVERSIBLE RATCHET HEAD

9x12

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking
- > Fine-toothed
- > Return angle 5 degrees
- > Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity



| " | mm | mm | ° | mm | mm | Depth gauge | Continuous load | | Code | No. |
|-----|------|--------|---|------|----|-------------|-----------------|-------|---------|---------|
| 1/4 | 6.3 | 9 x 12 | 5 | 16.6 | 25 | 17.5 | 1/4" = 30 N-m | 0.060 | 7672710 | 7412-00 |
| 3/8 | 10.0 | 9 x 12 | 5 | 23.2 | 34 | 17.5 | 3/8" = 135 N-m | 0.140 | 7686500 | 7412-01 |
| 1/2 | 12.5 | 9 x 12 | 5 | 24.2 | 34 | 17.5 | 1/2" = 150 N-m | 0.150 | 7687230 | 7412-02 |

7612

RECTANGULAR FIXED SQUARE HEAD

9x12

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking
- > Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity



| " | mm | mm | mm | mm | Depth gauge | Continuous load | | Code | No. |
|-----|------|--------|----|----|-------------|-----------------|-------|---------|---------|
| 1/4 | 6.3 | 9 x 12 | 14 | 20 | 17.5 | 1/4"/30 N-m | 0.070 | 7672630 | 7612-00 |
| 3/8 | 10.0 | 9 x 12 | 14 | 20 | 17.5 | 3/8"/135 N-m | 0.070 | 7679800 | 7612-01 |
| 1/2 | 12.5 | 9 x 12 | 14 | 20 | 17.5 | 1/2"/150 N-m | 0.080 | 7687900 | 7612-02 |

7812

RECTANGULAR BIT HOLDER

9x12

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking



| " | mm | mm | mm | mm | Depth gauge | | Code | No. |
|------|-----|--------|------|----|-------------|-------|---------|---------|
| 1/4 | 6.3 | 9 x 12 | 10.0 | 14 | 17.5 | 0.040 | 2101645 | 7812-10 |
| 5/16 | 8.0 | 9 x 12 | 12.5 | 16 | 17.5 | 0.040 | 7697970 | 7812-00 |

7912

RECTANGULAR WELD-ON FITTING

9x12

- › For accessing bolts in cramped and hard-to-reach locations, easy to change
- › Bear the depth gauges in mind
- › Chrome-vanadium steel 31CrV3



| ↳ mm | mm | mm | mm | Depth gauge | kg | Code | No. |
|------|--------|------|----|-------------|-------|---------|---------|
| 14 | 9 x 12 | 14.5 | 19 | 8 | 0.030 | 7698190 | 7912-00 |

SUKSE

RECTANGULAR RING RATCHET SPANNER, REVERSIBLE

9x12

- › 9x12 mm rectangular cavity with pin-locking
- › Flat ring ratchet with UD-profile, fine-toothed
- › With recessed lever change
- › For loosening or fast tightening with high torque transfer
- › Non-glare look thanks to matt chrome-plating, locking insert and pawl manganese-phosphated
- › GEDORE vanadium steel 31CrV3, forged
- › To operate with a 9x12 mm torque wrench or rectangular handle 9x12 mm



| mm | mm | ° | h | b | Depth gauge | kg | Code | No. |
|----|--------|---|------|------|-------------|-------|---------|-----------|
| 10 | 9 x 12 | 7 | 7.7 | 21.0 | 40 | 0.070 | 2827735 | SUKSE9 10 |
| 13 | 9 x 12 | 7 | 9.0 | 25.7 | 42 | 0.090 | 2827743 | SUKSE9 13 |
| 17 | 9 x 12 | 6 | 10.6 | 33.6 | 45 | 0.130 | 2827751 | SUKSE9 17 |
| 19 | 9 x 12 | 6 | 11.7 | 36.3 | 52 | 0.150 | 2827778 | SUKSE9 19 |

AGSE9

RECTANGULAR HANDLE SE

9x12

- › To operate with rectangular end fittings 9x12
- › For removing bolts or nuts, especially in confined spaces
- › Without torque function
- › GEDORE vanadium steel 31CrV3, matt chrome-plated
- › Non-slip 2-component handle with hanging hole
- › Max. continuous load of cavity according to DIN EN ISO 6789:2003 and/or maximum support load : 150 N-m



| mm | L | h | b | kg | Code | No. |
|--------|-----|------|----|-------|---------|-------|
| 9 x 12 | 267 | 18.5 | 22 | 0.320 | 2827786 | AGSE9 |

End fittings 14x18 SE

7118
RECTANGULAR OPEN END FITTING

14x18

- › For accessing bolts in cramped and hard-to-reach locations, easy to change
- › Forged
- › Chrome-vanadium steel, matt chrome-plated
- › With eject-pin for unlocking



| Ø mm | □ mm | mm $\frac{1}{2}$ | Ø mm | Depth gauge | $\frac{kg}{lb}$ | Code | No. |
|------|---------|------------------|------|-------------|-----------------|---------|---------|
| 13 | 14 x 18 | 7 | 30.0 | 25.0 | 0.120 | 7689870 | 7118-13 |
| 14 | 14 x 18 | 7 | 32.0 | 25.0 | 0.120 | 7690020 | 7118-14 |
| 15 | 14 x 18 | 7 | 34.0 | 25.0 | 0.120 | 7690100 | 7118-15 |
| 16 | 14 x 18 | 9 | 35.5 | 25.0 | 0.125 | 7685610 | 7118-16 |
| 17 | 14 x 18 | 9 | 37.0 | 25.0 | 0.130 | 7690370 | 7118-17 |
| 18 | 14 x 18 | 9 | 39.0 | 25.0 | 0.130 | 7686180 | 7118-18 |
| 19 | 14 x 18 | 9 | 41.0 | 25.0 | 0.130 | 7690450 | 7118-19 |
| 21 | 14 x 18 | 11 | 45.0 | 25.0 | 0.155 | 7686420 | 7118-21 |
| 22 | 14 x 18 | 11 | 47.0 | 25.0 | 0.150 | 7690610 | 7118-22 |

| Ø mm | □ mm | mm $\frac{1}{2}$ | Ø mm | Depth gauge | $\frac{kg}{lb}$ | Code | No. |
|------|---------|------------------|------|-------------|-----------------|---------|---------|
| 24 | 14 x 18 | 11 | 51.0 | 25.0 | 0.170 | 7690880 | 7118-24 |
| 27 | 14 x 18 | 13 | 58.5 | 32.5 | 0.185 | 7690960 | 7118-27 |
| 29 | 14 x 18 | 13 | 63.0 | 32.5 | 0.220 | 2212285 | 7118-29 |
| 30 | 14 x 18 | 13 | 67.5 | 32.5 | 0.220 | 7691260 | 7118-30 |
| 32 | 14 x 18 | 13 | 67.5 | 32.5 | 0.220 | 7687740 | 7118-32 |
| 34 | 14 x 18 | 15 | 74.0 | 33.5 | 0.255 | 1963708 | 7118-34 |
| 36 | 14 x 18 | 15 | 78.0 | 36.0 | 0.257 | 1963716 | 7118-36 |
| 41 | 14 x 18 | 15 | 82.0 | 40.0 | 0.261 | 1963724 | 7118-41 |

7218
RECTANGULAR RING END FITTING

14x18

- › For accessing bolts in cramped and hard-to-reach locations, easy to change
- › Forged
- › Chrome-vanadium steel, matt chrome-plated
- › With eject-pin for unlocking



| Ø mm | □ mm | mm $\frac{1}{2}$ | Ø mm | Depth gauge | $\frac{kg}{lb}$ | Code | No. |
|------|---------|------------------|------|-------------|-----------------|---------|---------|
| 13 | 14 x 18 | 12.0 | 21.5 | 25 | 0.120 | 7693120 | 7218-13 |
| 14 | 14 x 18 | 12.0 | 23.0 | 25 | 0.120 | 7693390 | 7218-14 |
| 15 | 14 x 18 | 12.0 | 24.2 | 25 | 0.115 | 7693470 | 7218-15 |
| 16 | 14 x 18 | 12.0 | 25.7 | 25 | 0.125 | 7678320 | 7218-16 |
| 17 | 14 x 18 | 12.0 | 27.2 | 25 | 0.125 | 7693630 | 7218-17 |
| 18 | 14 x 18 | 12.0 | 28.5 | 25 | 0.125 | 7678830 | 7218-18 |
| 19 | 14 x 18 | 12.0 | 30.5 | 25 | 0.125 | 7693710 | 7218-19 |
| 21 | 14 x 18 | 15.0 | 33.0 | 25 | 0.140 | 7678910 | 7218-21 |
| 22 | 14 x 18 | 15.0 | 34.5 | 25 | 0.140 | 7693980 | 7218-22 |
| 24 | 14 x 18 | 15.0 | 37.5 | 25 | 0.140 | 7694280 | 7218-24 |

| Ø mm | □ mm | mm $\frac{1}{2}$ | Ø mm | Depth gauge | $\frac{kg}{lb}$ | Code | No. |
|------|---------|------------------|------|-------------|-----------------|---------|---------|
| 27 | 14 x 18 | 17.5 | 41.5 | 31 | 0.150 | 7694440 | 7218-27 |
| 30 | 14 x 18 | 17.5 | 45.0 | 31 | 0.160 | 7694790 | 7218-30 |
| 32 | 14 x 18 | 17.5 | 47.5 | 31 | 0.165 | 7695920 | 7218-32 |
| 34 | 14 x 18 | 19.0 | 50.5 | 31 | 0.195 | 7679130 | 7218-34 |
| 36 | 14 x 18 | 19.0 | 53.0 | 31 | 0.195 | 7696220 | 7218-36 |
| 41 | 14 x 18 | 19.0 | 59.0 | 31 | 0.225 | 7696300 | 7218-41 |

7418

RECTANGULAR REVERSIBLE RATCHET HEAD

14x18

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking
- > Fine-toothed
- > Return angle 7 degrees
- > Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity



| " | mm | mm | ° | mm | mm | Depth gauge | Continuous load | kg | Code | No. |
|-----|------|---------|-----|------|----|-------------|-----------------|-------|---------|---------|
| 1/2 | 12.5 | 14 x 18 | 7,2 | 28.8 | 47 | 25 | 1/2" = 340 N-m | 0.350 | 7687580 | 7418-02 |
| 3/4 | 20.0 | 14 x 18 | 7,2 | 35.5 | 64 | 33 | 3/4" = 400 N-m | 0.780 | 7687660 | 7418-04 |

7618

RECTANGULAR FIXED SQUARE HEAD

14x18

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject pin for unlocking
- > Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity



| " | mm | mm | mm | mm | Depth gauge | Continuous load | kg | Code | No. |
|-----|------|---------|----|----|-------------|-----------------|-------|---------|---------|
| 1/2 | 12.5 | 14 x 18 | 18 | 27 | 25 | 1/2" = 340 N-m | 0.200 | 7688040 | 7618-02 |
| 3/4 | 20.0 | 14 x 18 | 25 | 40 | 25 | 3/4" = 400 N-m | 0.390 | 7688200 | 7618-04 |

7818

RECTANGULAR BIT HOLDER

14x18

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Forged
- > Chrome-vanadium steel, matt chrome-plated
- > With eject-pin for unlocking



| " | mm | mm | mm | mm | Depth gauge | kg | Code | No. |
|------|----|---------|------|----|-------------|-------|---------|---------|
| 5/16 | 8 | 14 x 18 | 12.5 | 16 | 25 | 0.100 | 7698000 | 7818-00 |

7918

RECTANGULAR WELD-ON FITTING

14x18

- > For accessing bolts in cramped and hard-to-reach locations, easy to change
- > Bear the depth gauges in mind
- > Chrome-vanadium steel 31CrV3

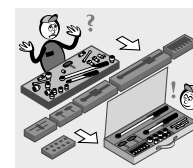
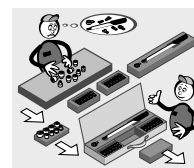
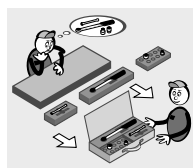


| mm | mm | mm | mm | mm | Depth gauge | kg | Code | No. |
|----|---------|------|----|----|-------------|---------|---------|-----|
| 25 | 14 x 18 | 21.5 | 26 | 12 | 0.100 | 7698430 | 7918-00 | |

Empty standard packaging

MODULE SYSTEMS - FLEXIBILITY WITH FLAIR

- > The module system adapts itself exactly to your wishes and requirements. At last, you can assemble your sets completely individually. Exactly and only using the tools you actually need. For every need, our system provides you with the perfect solution. Whether you chose a standard or an individual solution, your DREMASTER®/TORCOFIX torque wrenches with or without accessories, are always stored and transported professionally by virtue of the modular system design.
- > Your set is flexibly alterable and extendible at all times. Just replace or add modules. The modules themselves are delivered with dummy plugs. Simply remove the plugs from the cavities you wish to load with your tools or accessory units. The remaining cavities remain closed - that's what we call neat.
- > You tell us which tools you would like to combine into a set and we will then take care of the rest and you will get your desired set without delay. Finished and ready!



PLASTIC CASSETTES EMPTY FOR DREMOMETER MINI + AM

Use:

- > Standard packaging for sets of the torque wrench series DREMOMETER MINI and AM
- > Robust and solid, best for storage and transport

Features:

- > With foam rubber inlay and nest-holes for the accessories

Scope of delivery:

- > Empty black plastic cassettes with foam inlay
- > Delivery in sturdy cardboard packaging



SHEET METAL CASE EMPTY FOR DREMOMETER A-F

Use:

- > Standard packaging for sets of the torque wrench series DREMOMETER A-F
- > Robust and solid, best for storage and transport

Features:

- > With integrated metal-flight and nest-holes for the accessories
- > Hinges, locks and hand grip made of steel
- > GEDORE blue powder-coated

Scope of delivery:

- > Sheet metal case, empty
- > Delivery in sturdy cardboard packaging



| Description | L | W | H | 📏 | Code | No. |
|---|-----|-----|----|-------|---------|---------|
| Plastic cassette + foam inlay for DREMO MINI | 275 | 150 | 42 | 0.296 | 1986805 | 753-88 |
| Plastic cassette + foam insert for DREMO AM | 275 | 150 | 42 | 0.310 | 7620910 | 8554-99 |

| Description | L | W | H | 📏 | Code | No. |
|--|------|-----|-----|--------|---------|---------|
| Sheet metal case for DREMO A | 370 | 115 | 50 | 1.200 | 7621050 | 8560-90 |
| Sheet metal case for DREMO B | 485 | 115 | 52 | 1.698 | 7621130 | 8561-90 |
| Sheet metal case for DREMO BC/C | 630 | 115 | 52 | 1.950 | 7621210 | 8562-90 |
| Sheet metal case for DREMO D/DS | 830 | 165 | 73 | 3.713 | 7621480 | 8563-90 |
| Sheet metal case for DREMO DR/DX | 830 | 165 | 73 | 3.656 | 7622100 | 8571-90 |
| Sheet metal case for DREMO E / EK | 945 | 270 | 100 | 10.300 | 7621560 | 8564-90 |
| Sheet metal case for DREMO F | 1040 | 175 | 100 | 6.700 | 1742876 | 8572-90 |