



# CONTROLLED SAFETY SECURE PRECISION JOINTS

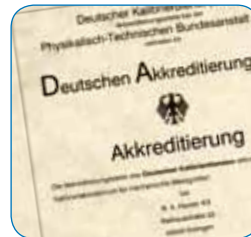
## OVERVIEW

- ✔ Torque tester and equipment
- ✔ Torque multipliers
- ✔ Torque angle indicators
- ✔ Special DREMO tools
- ✔ DREMOMETER range
- ✔ Torque screwdrivers
- ✔ Torque wrenches
- ✔ Electronic torque tester





## OUR SERVICE - QUALIFIED AND CUSTOMISED



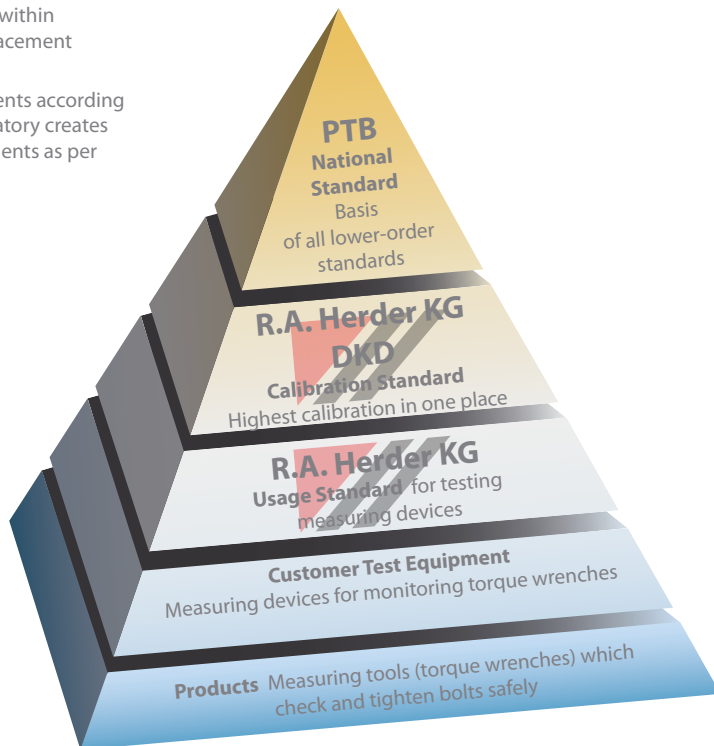
- Our repair service will repair your RAHSOL/GEDORE torque wrenches within 5-7 working days. On request, we will of course provide you with replacement tools - for a small fee.
- Our reasonably-priced factory calibration service fulfills the requirements according to DIN EN ISO 6789. Our proprietary accredited DKD calibration laboratory creates certificates in accordance with the applicable standards and requirements as per DKD 3-7 and DKD 3-8 as well as DIN EN ISO 6789:2003.

### OUR FACTORY CALIBRATION SERVICE WITH INSPECTION CERTIFICATE TO INDUSTRY STANDARD

All our own branded mechanical torque wrenches will be calibrated and adjusted in our factory. Each calibrated torque wrench will be provided with an inspection certificate.

The affixed works calibration mark provides an indicator of tested safety (month/year) at a glance. The mark will serve to support your inspection equipment monitoring.

We recommend an annual verification of your torque wrenches. Remember that the verification interval can be shorter if you reach the 5000 load cycles earlier on account of more intensive use.



### SERVICE CONCEPT

We have developed a new, customer-orientated service concept. A service flyer, with associated advice sheet gives you all the information you need about our services and procedure at a glance. Or simply visit us on the Internet at [www.gedore.de](http://www.gedore.de). Our service flyer, including advice sheet, can be downloaded from the site.

#### SERVICE AT A GLANCE



### TECHNICAL FIELD SERVICE

Make use of our qualified advice to solve your technical problems, via telephone or on-site during work. We will willingly assist you in making your choice of the most suitable tool - from standard solutions up to and including customised manufacture for specific uses. Product training courses and presentations are also included in our service offering as is assistance at your company exhibitions.

#### WE HELP YOU AT ANY TIME...



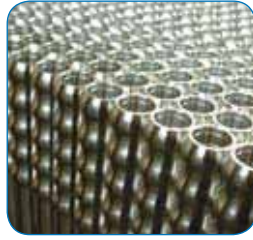
### SERVICE-TELEPHONE

Between 7.30 a.m. and 4.30 p.m., our customer service operators will answer all your questions about products, including technical enquiries, fast and efficiently.

Hotline: +49 (0) 1804 37 36 68

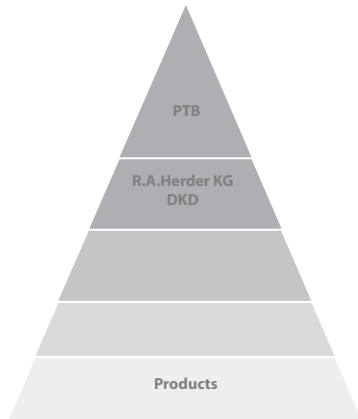
#### INSTANT HELP ON THE SERVICE-TELEPHONE





## DKD CALIBRATION WITH 100% SAFETY

DKD calibration - 100% documented safety



- Direct traceability to the national standard
- DKD calibration as per DKD guidelines 3-7 / 3-8 / DIN EN ISO 6789
- Minimum measurement inaccuracies
- DKD calibration of our own products and those of other manufacturers
- Air-conditioned laboratory controls under the most stringent conditions
- DKD calibration certificate and DKD calibration stamp

### DKD CALIBRATION

#### TEST SUBJECT



#### TEST DEVICE

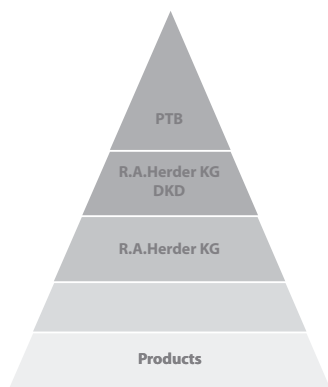


#### TEST RESULT



## FACTORY CALIBRATION - SOLID RELIABILITY!

We give you the security you need



- Direct traceability to the national standard
- Calibration according to the standard DIN EN ISO 6789
- Calibration if necessary with adjustments and repairs - for RAHSOL/GEDORE products only
- Test certificate and calibration stamp

### Calibration

#### TEST SUBJECT



#### TEST DEVICE



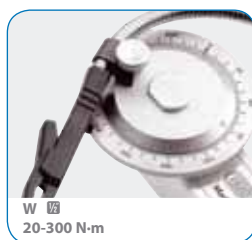
#### TEST RESULT



### REMARK

The creation of a test certificate in accordance with R. A. Herder KG criteria, as well as adjustment and repair, is only possible for torque wrenches and torque testers made by R. A. Herder KG. Depending on requirements and on the customer's wishes, we will calibrate in accordance with DKD guidelines or according to RAHSOL criteria.

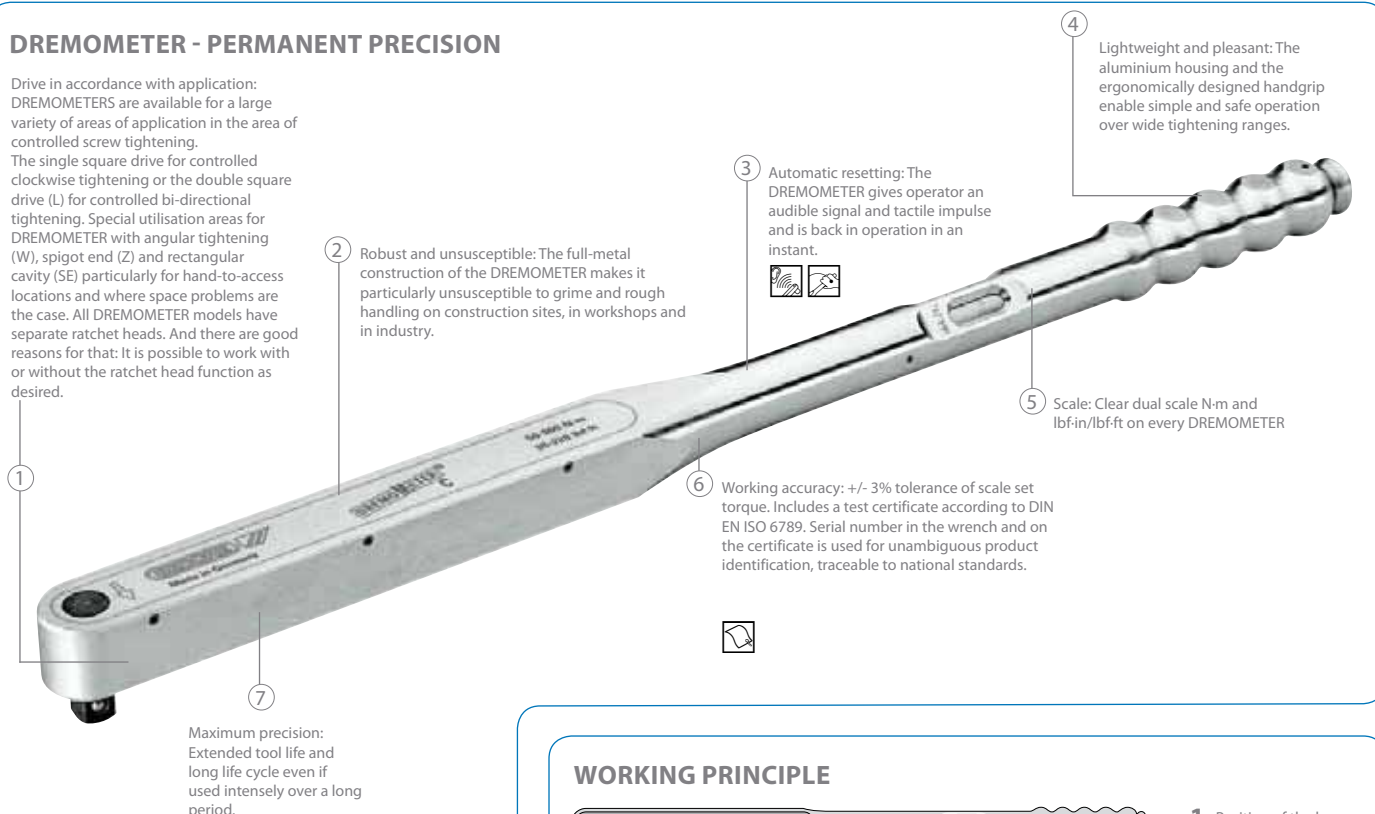
# DREMOMETER Torque wrench made of high-strength aluminium alloy



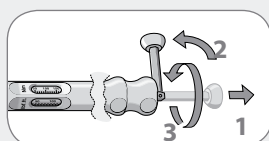
## DREMOMETER - PERMANENT PRECISION

Drive in accordance with application: DREMOMETERS are available for a large variety of areas of application in the area of controlled screw tightening.

The single square drive for controlled clockwise tightening or the double square drive (L) for controlled bi-directional tightening. Special utilisation areas for DREMOMETER with angular tightening (W), spigot end (Z) and rectangular cavity (SE) particularly for hand-to-access locations and where space problems are the case. All DREMOMETER models have separate ratchet heads. And there are good reasons for that: It is possible to work with or without the ratchet head function as desired.

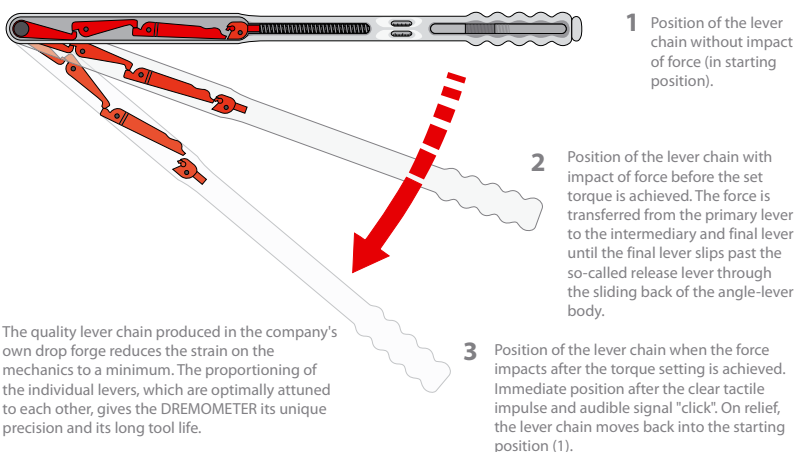


## TECHNOLOGY



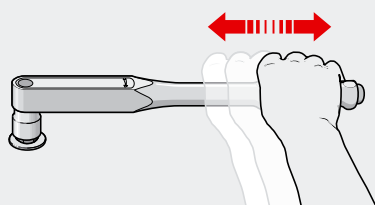
Setting of the torque value to N-m or alternatively to lbf-in / lbf-ft by the non-losable hexagon key in the handgrip. The smooth-running mechanism enables the setting to be made quickly without significant force needing to be applied. All DREMOMETERS are also available with locking and safety device (A+S).

## WORKING PRINCIPLE



## DREMOMETER TYPE MINI - F

### Operable without inaccuracies



Irrespective of where you apply the force - whether it be at the centre of the handgrip or at another part of the DREMOMETER, with both hands or using extension tube - your torque setting will always be attained precisely - without shifts in value. By virtue of the unique single-axis location of the centre of rotation and the output square drive, the DREMOMETER is a tool which can be operated free from errors. By contrast to conventional torque wrenches, this single lever enables tightening to take place without shifts in the measured value and without interfering with the precision caused by activation outside of the handgrip. (However, bear possible shifts in value in mind when activating the DREMOMETER with special spanners or in general in the case of spanners having different depth gauges.)



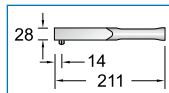
## MECHANICAL TORQUE WRENCHES

### DREMOMETER MINI-F

**753**

#### DREMOMETER MINI 2-12 N-m / 18-106 lbf-in

- Working accuracy: +/- 3% tolerance of scale set torque
- 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
- Micrometer scale graduations of 0.05 N-m
- Window with a magnifying-glass effect

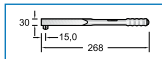
**6.3**
**1/4"**


| Code    | No.           | Type | Inclusion                                                                                                                 |     |
|---------|---------------|------|---------------------------------------------------------------------------------------------------------------------------|-----|
| 1957694 | <b>753-11</b> | MINI | in plastic box                                                                                                            | 253 |
| 1957708 | <b>753-12</b> | MINI | in plastic cassette                                                                                                       | 628 |
| 1957724 | <b>753-13</b> | MINI | Set mm<br>4 5 5.5 6 7 8 9 10<br>1 2 3 4 5 5.5 6 8 3 4 5 6<br>T20 T27 T30 754-00<br>55 + 97 mm 2098                        | 968 |
| 1957732 | <b>753-14</b> | MINI | Set INCH<br>3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16"<br>1 2 3 4 5 5.5 6 8 3 4 5 6<br>T20 T27 T30 754-00<br>55 + 97 mm 2098 | 968 |

### 8554 - 8559 AM

#### DREMOMETER 6-30 N-m / 50-270 lbf-in

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 1/4" single square drive for controlled clockwise tightening (type AM No. 8554) or double square drive for bi-directional tightening (type AML No. 8559)
- If ordering with pre-set-value locking and safety device (type AM/AML A+S No. 7554/7559), please specify the N-m value - if fixed factory-pre-setting is desired

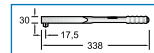
**6.3**
**1/4"**


| Code    | No.            | Type    | Inclusion                                                                                          |      |
|---------|----------------|---------|----------------------------------------------------------------------------------------------------|------|
| 7775440 | <b>8554-01</b> | AM      | in plastic box                                                                                     | 580  |
| 7775870 | <b>8559-01</b> | AML     | in plastic box                                                                                     | 580  |
| 1210891 | <b>7554-01</b> | AM A+S  | in plastic box, with pre-set-value locking and safety device                                       | 580  |
| 1210904 | <b>7559-01</b> | AML A+S | in plastic box, with pre-set-value locking and safety device                                       | 580  |
| 7674090 | <b>8554-02</b> | AM      | in plastic cassette                                                                                | 910  |
| 7673790 | <b>8559-02</b> | AML     | in plastic cassette                                                                                | 910  |
| 7674170 | <b>8554-03</b> | AM      | Set mm<br>8 9 10 11 12 13 14<br>3 4 5 5.5 6 8<br>T20 T27 T30<br>754-00 55 + 97 mm                  | 1300 |
| 7675060 | <b>8559-03</b> | AML     | Set mm<br>8 9 10 11 12 13 14<br>3 4 5 5.5 6 8<br>T20 T27 T30 754-00 55 + 97 mm                     | 1300 |
| 7674410 | <b>8554-04</b> | AM      | Set INCH<br>9/32 5/16 11/32 3/8 7/16 1/2 9/16<br>3 4 5 5.5 6 8 T20 T27 T30<br>754-00 55 + 97 mm    | 1300 |
| 7675140 | <b>8559-04</b> | AML     | Set INCH<br>9/32 5/16 11/32 3/8 7/16 1/2 9/16<br>3 4 5 5.5 6 8<br>T20 T27 T30<br>754-00 55 + 97 mm | 1300 |

### 8560 - 8565 A

#### DREMOMETER 8-40 N-m / 70-350 lbf-in

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 3/8" single square drive for controlled clockwise tightening (type A No. 8560) or double square drive for bi-directional tightening (type AL no. 8565)
- If ordering with pre-set-value locking and safety device (type A/AL A+S no. 7560/7565), please specify the N-m value - if fixed factory-pre-setting is desired

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


| Code    | No.            | Type   | Inclusion                                                                            |     |
|---------|----------------|--------|--------------------------------------------------------------------------------------|-----|
| 7682000 | <b>8560-01</b> | A      | in plastic box                                                                       | 1.0 |
| 7682190 | <b>8565-01</b> | AL     | in plastic box                                                                       | 1.0 |
| 7708920 | <b>7560-01</b> | A A+S  | in plastic box, with pre-set-value locking and safety device                         | 1.0 |
| 1210939 | <b>7565-01</b> | AL A+S | in plastic box, with pre-set-value locking and safety device                         | 1.0 |
| 7682270 | <b>8560-02</b> | A      | in a sheet-metal case                                                                | 2.2 |
| 7682350 | <b>8565-02</b> | AL     | in a sheet-metal case                                                                | 2.2 |
| 7682430 | <b>8560-03</b> | A      | Set mm<br>8 10 11 13 14 15 17 19<br>4 5 6 8<br>754-01 125 + 250 mm                   | 3.1 |
| 7682940 | <b>8565-03</b> | AL     | Set mm<br>8 10 11 13 14 15 17 19<br>4 5 6 8<br>754-01 125 + 250 mm                   | 3.1 |
| 7683160 | <b>8560-04</b> | A      | Set INCH<br>3/8 7/16 1/2 9/16 19/32 5/8 11/16<br>1/4 5/16 3/8<br>754-01 125 + 250 mm | 3.0 |
| 7683240 | <b>8565-04</b> | AL     | Set INCH<br>3/8 7/16 1/2 9/16 19/32 5/8 11/16<br>1/4 5/16 3/8<br>754-01 125 + 250 mm | 3.0 |

Detailed information on products, promotions and trade fairs

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



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

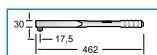
## 8561 - 8566 B

### DREMOMETER 20-120 N-m / 15-90 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 1/2" single square drive for controlled clockwise tightening (type B no. 8561) or double square drive for bi-directional tightening (type BL no. 8566)
- If ordering with pre-set-value locking and safety device (type B/BL A+S no. 7561/7566), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

12.5

1/2"



| Code    | No.            | Type   | Inclusion                                                                                                              |     |
|---------|----------------|--------|------------------------------------------------------------------------------------------------------------------------|-----|
| 7683320 | <b>8561-01</b> | B      | in plastic box                                                                                                         | 1.5 |
| 7683400 | <b>8566-01</b> | BL     | in plastic box                                                                                                         | 1.5 |
| 7709060 | <b>7561-01</b> | B A+S  | in plastic box, with pre-set-value locking and safety device                                                           | 1.5 |
| 1210947 | <b>7566-01</b> | BL A+S | in plastic box, with pre-set-value locking and safety device                                                           | 1.5 |
| 7683830 | <b>8561-02</b> | B      | in a sheet-metal case                                                                                                  | 2.8 |
| 7684130 | <b>8566-02</b> | BL     | in a sheet-metal case                                                                                                  | 2.8 |
| 7684480 | <b>8561-03</b> | B      | Set mm<br>11 13 14 17 19 22 24<br>6 8 10 12<br>754-02 76 + 125 + 250 mm                                                | 4.7 |
| 7684640 | <b>8566-03</b> | BL     | Set mm<br>11 13 14 17 19 22 24<br>6 8 10 12<br>754-02 76 + 125 + 250 mm                                                | 4.7 |
| 7684990 | <b>8561-04</b> | B      | Set INCH<br>7/16 1/2 9/16 19/32 5/8 11/16<br>3/4 25/32 13/16 7/8 15/16 1"<br>5/16 3/8 1/2"<br>754-02 76 + 125 + 250 mm | 5.3 |
| 7685100 | <b>8566-04</b> | BL     | Set INCH<br>7/16 1/2 9/16 19/32 5/8 11/16<br>3/4 25/32 13/16 7/8 15/16 1"<br>5/16 3/8 1/2"<br>754-02 76 + 125 + 250 mm | 5.3 |

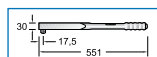
## 8573 - 8578 BC

### DREMOMETER 40-200 N-m / 30-150 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 1/2" single square drive for controlled clockwise tightening (type BC no. 8573) or double square drive for bi-directional tightening (type BCL no. 8578)
- If ordering with pre-set-value locking and safety device (type BC/BCL A+S no. 7573/7578), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

12.5

1/2"



| Code    | No.            | Type    | Inclusion                                                                                  |     |
|---------|----------------|---------|--------------------------------------------------------------------------------------------|-----|
| 7685530 | <b>8573-00</b> | BC      | in plastic box                                                                             | 1.4 |
| 7683670 | <b>8578-00</b> | BCL     | in plastic box                                                                             | 1.3 |
| 1211013 | <b>7573-00</b> | BC A+S  | in plastic box, with pre-set value locking and safety device                               | 1.4 |
| 1427113 | <b>7578-00</b> | BCL A+S | in plastic box, with pre-set value locking and safety device                               | 1.3 |
| 7683590 | <b>8573-02</b> | BC      | in a sheet-metal case                                                                      | 3.5 |
| 7683750 | <b>8578-02</b> | BCL     | in a sheet-metal case                                                                      | 3.5 |
| 7683910 | <b>8573-03</b> | BC      | Set mm<br>11 13 14 17 19 21 22 24 27<br>6 8 10 12 754-02 125 + 250 mm                      | 5.1 |
| 7684050 | <b>8578-03</b> | BCL     | Set mm<br>11 13 14 17 19 21 22 24 27<br>6 8 10 12 754-02 125 + 250 mm                      | 5.1 |
| 7684720 | <b>8573-04</b> | BC      | Set INCH<br>1/2 9/16 5/8 11/16 3/4 13/16 7/8"<br>5/16 3/8 1/2 9/16"<br>754-02 125 + 250 mm | 4.9 |
| 7684210 | <b>8578-04</b> | BCL     | Set INCH<br>1/2 9/16 5/8 11/16 3/4 13/16 7/8"<br>5/16 3/8 1/2 9/16"<br>754-02 125 + 250 mm | 4.9 |

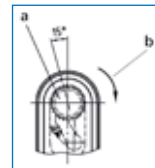
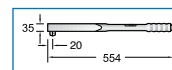
## 8573-10 BCK

### DREMOMETER 40-200 N-m / 30-150 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With integrated ratchet with 1/2" square drive for controlled clockwise tightening
- a = integrated ratchet
- b = clockwise tightening

12.5

1/2"



| Code    | No.            | Type | Inclusion      |     |
|---------|----------------|------|----------------|-----|
| 1905449 | <b>8573-10</b> | BCK  | in plastic box | 1.4 |



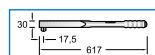
## 8562 - 8567 C

### DREMOMETER 50-300 N-m / 35-220 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 1/2" single square drive for controlled clockwise tightening (type C no. 8562) or double square drive for bi-directional tightening (type C no. 8567)
- If ordering with pre-set-value locking and safety device (type C/CL A+S no. 7562/7567), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

12.5

1/2"



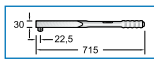
| Code    | No.            | Type   | Inclusion                                                                                                     |     |
|---------|----------------|--------|---------------------------------------------------------------------------------------------------------------|-----|
| 7685450 | <b>8562-10</b> | C      | in plastic box                                                                                                | 2.0 |
| 7685960 | <b>8567-10</b> | CL     | in plastic box                                                                                                | 2.0 |
| 7709650 | <b>7562-10</b> | C A+S  | in plastic box, with pre-set-value locking and safety device                                                  | 2.0 |
| 1210955 | <b>7567-10</b> | CL A+S | in plastic box, with pre-set-value locking and safety device                                                  | 2.0 |
| 7686340 | <b>8562-20</b> | C      | in a sheet-metal case                                                                                         | 3.6 |
| 7686690 | <b>8567-20</b> | CL     | in a sheet-metal case                                                                                         | 3.6 |
| 7687070 | <b>8562-30</b> | C      | Set mm<br>17 19 22 24 27 30 32<br>8 10 12 14<br>754-02 76 + 125 + 250 mm                                      | 6.0 |
| 7687310 | <b>8567-30</b> | CL     | Set mm<br>17 19 22 24 27 30 32<br>8 10 12 14<br>754-02 76 + 125 + 250 mm                                      | 6.0 |
| 7687820 | <b>8562-40</b> | C      | Set INCH<br>3/4 25/32 13/16 7/8 15/16 1" 1.1/16<br>1.1/8 1.1/4" 3/8 1/2 9/16 5/8"<br>754-02 76 + 125 + 250 mm | 6.2 |
| 7688120 | <b>8567-40</b> | CL     | Set INCH<br>3/4 25/32 13/16 7/8 15/16 1" 1.1/16<br>1.1/8 1.1/4" 3/8 1/2 9/16 5/8"<br>754-02 76 + 125 + 250 mm | 6.2 |



## 8570 - 8575 CD

### DREMOMETER 80-360 N-m / 60-260 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 3/4" single square drive for controlled clockwise tightening (type CD no. 8570) or double square drive for bi-directional tightening (type CDL no. 8575)
- If ordering with pre-set-value locking and safety device (type CD/CDL A+S no. 7570/7575), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

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


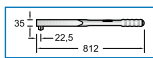
| Code    | No.            | Type    | Inclusion                                                                        |      |
|---------|----------------|---------|----------------------------------------------------------------------------------|------|
| 7688470 | <b>8570-10</b> | CD      | in cardboard packaging                                                           | 2.4  |
| 7688710 | <b>8575-10</b> | CDL     | in cardboard packaging                                                           | 2.4  |
| 1210998 | <b>7570-10</b> | CD A+S  | in cardboard packaging, with pre-set-value locking and safety device             | 2.4  |
| 1211021 | <b>7575-10</b> | CDL A+S | in cardboard packaging, with pre-set-value locking and safety device             | 2.4  |
| 7689280 | <b>8570-20</b> | CD      | in a sheet-metal case                                                            | 6.2  |
| 7689520 | <b>8575-20</b> | CDL     | in a sheet-metal case                                                            | 6.2  |
| 7689950 | <b>8570-30</b> | CD      | Set mm<br>O 19 22 24 27 30 32<br>754-04 200 + 400 mm                             | 11.0 |
| 7690290 | <b>8575-30</b> | CDL     | Set mm<br>O 19 22 24 27 30 32<br>754-04 200 + 400 mm                             | 11.0 |
| 7690530 | <b>8570-40</b> | CD      | Set INCH<br>O 7/8 15/16 1" 1.1/8 1.1/4 1.3/8 1.1/2 1.5/8"<br>754-04 200 + 400 mm | 11.3 |
| 7691180 | <b>8575-40</b> | CDL     | Set INCH<br>O 7/8 15/16 1" 1.1/8 1.1/4 1.3/8 1.1/2 1.5/8"<br>754-04 200 + 400 mm | 11.3 |



## 8574 - 8579 DS

### DREMOMETER 110-550 N-m / 80-400 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 3/4" single square drive for controlled clockwise tightening (type DS no. 8574) or double square drive for bi-directional tightening (type DSL no. 8579)
- If ordering with pre-set-value locking and safety device (type DS/DSL A+S no. 7574/7579), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

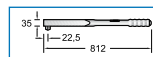
**20**
**3/4"**


| Code    | No.            | Type    | Inclusion                                                            |     |
|---------|----------------|---------|----------------------------------------------------------------------|-----|
| 1427156 | <b>8574-10</b> | DS      | in cardboard packaging                                               | 2.9 |
| 1427121 | <b>8579-10</b> | DSL     | in cardboard packaging                                               | 2.9 |
| 1427164 | <b>7574-10</b> | DS A+S  | in cardboard packaging, with pre-set-value locking and safety device | 2.9 |
| 1427148 | <b>7579-10</b> | DSL A+S | in cardboard packaging, with pre-set-value locking and safety device | 2.9 |
| 1436112 | <b>8574-20</b> | DS      | in a sheet-metal case                                                | 6.7 |
| 1436120 | <b>8579-20</b> | DSL     | in a sheet-metal case                                                | 6.7 |

## 8563 - 8568 D

### DREMOMETER 140-760 N-m / 100-560 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 3/4" single square drive for controlled clockwise tightening (type D no. 8563) or double square drive for bi-directional tightening (type DL no. 8568)
- If ordering with pre-set-value locking and safety device (type D/DL A+S no. 7563/7568), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

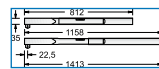
**20**
**3/4"**


| Code    | No.            | Type   | Inclusion                                                                                                  |      |
|---------|----------------|--------|------------------------------------------------------------------------------------------------------------|------|
| 7691500 | <b>8563-10</b> | D      | in cardboard packaging                                                                                     | 3.2  |
| 7691850 | <b>8568-10</b> | DL     | in cardboard packaging                                                                                     | 3.2  |
| 1210921 | <b>7563-10</b> | D A+S  | in cardboard packaging, with pre-set-value locking and safety device                                       | 3.2  |
| 1210971 | <b>7568-10</b> | DL A+S | in cardboard packaging, with pre-set-value locking and safety device                                       | 3.2  |
| 7692070 | <b>8563-20</b> | D      | in a sheet-metal case                                                                                      | 7.7  |
| 7692310 | <b>8568-20</b> | DL     | in a sheet-metal case                                                                                      | 7.7  |
| 7692660 | <b>8563-30</b> | D      | Set mm<br>O 22 24 27 30 32 36 41 46<br>754-04 200 + 400 mm                                                 | 13.6 |
| 7692900 | <b>8568-30</b> | DL     | Set mm<br>O 22 24 27 30 32 36 41 46<br>754-04 200 + 400 mm                                                 | 13.6 |
| 7693200 | <b>8563-40</b> | D      | Set INCH<br>O 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"<br>754-04 200 + 400 mm | 13.3 |
| 7693550 | <b>8568-40</b> | DL     | Set INCH<br>O 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"<br>754-04 200 + 400 mm | 13.3 |

## 8563 - 8568 DR

### DREMOMETER 140-760 N-m / 100-560 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 3/4" single square drive for controlled clockwise tightening (type DR no. 8563) or double square drive for bi-directional tightening (type DRL no. 8568)
- If ordering with pre-set-value locking and safety device (type DR/DRL A+S no. 7563/7568), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

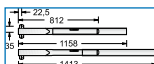
**20**
**3/4"**


| Code    | No.            | Type   | Inclusion                                                                                                  |      |
|---------|----------------|--------|------------------------------------------------------------------------------------------------------------|------|
| 7670180 | <b>8563-01</b> | DR     | in cardboard packaging with extension tube                                                                 | 5.0  |
| 7670500 | <b>8568-01</b> | DRL    | in cardboard packaging with extension tube                                                                 | 5.0  |
| 1210912 | <b>7563-01</b> | DR A+S | in cardboard packaging with extension tube, with pre-set-value locking and safety device                   | 5.0  |
| 1210963 | <b>7568-01</b> | DRL    | in cardboard packaging with extension tube, with pre-set-value locking and safety device                   | 5.0  |
| 7670260 | <b>8563-02</b> | DR     | in a sheet-metal case with extension tube                                                                  | 8.8  |
| 7670690 | <b>8568-02</b> | DRL    | in a sheet-metal case with extension tube                                                                  | 8.8  |
| 7670340 | <b>8563-03</b> | DR     | Set mm<br>O 22 24 27 30 32 36 41 46<br>754-04 200 + 400 mm                                                 | 14.4 |
| 7670770 | <b>8568-03</b> | DRL    | Set mm<br>O 22 24 27 30 32 36 41 46<br>754-04 200 + 400 mm                                                 | 14.4 |
| 7670420 | <b>8563-04</b> | DR     | Set INCH<br>O 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"<br>754-04 200 + 400 mm | 16.7 |
| 7670850 | <b>8568-04</b> | DRL    | Set INCH<br>O 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"<br>754-04 200 + 400 mm | 16.7 |

## 8568 DR-LKW

### DREMOMETER 140-760 N-m / 100-560 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 3/4" double square drive for bi-directional tightening (type DRL no. 8568) with aluminium extension tube in a special truck set
- Aluminium extension tube can be adjusted stepless (lever length of 1052-1306 mm)

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


| Code    | No.            | Type   | Inclusion                                |      |
|---------|----------------|--------|------------------------------------------|------|
| 7670930 | <b>8568-35</b> | DR-LKW | Set mm<br>O 27 30 32<br>754-04<br>400 mm | 12.3 |

### EXTENSION TUBES FOR DREMOMETER DR - F + W

- Spare extension tube for torque wrench series DREMOMETER DR - F and DXZ
- To enable high torque values by means of extending the lever arm
- Extension tubes 8572-74 / 8564-92 / 8564-40 made from high-grade, galvanised steel
- Extension tube 8571-80 made from high-grade aluminium with anodised locknuts - extremely lightweight



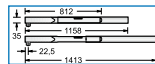
| Code    | No.            | (mm) |     |
|---------|----------------|------|-----|
| 7622020 | <b>8572-74</b> | 745  | 3.6 |
| 1686313 | <b>8571-80</b> | 772  | 0.8 |
| 7621720 | <b>8564-92</b> | 925  | 3.4 |
| 7621640 | <b>8564-40</b> | 400  | 2.3 |

Extension tube for DREMOMETER E

## 8571 - 8576 DX

### DREMOMETER 520-1000 N-m / 380-730 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 3/4" single square drive for controlled clockwise tightening (type DX no. 8571) or double square drive for bi-directional tightening (type DXL no. 8576)
- If ordering with pre-set-value locking and safety device (type DX/DXL A+S no. 7571/7576), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

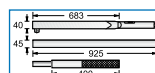
**20**
**3/4"**


| Code    | No.            | Type    | Inclusion                                                                                |      |
|---------|----------------|---------|------------------------------------------------------------------------------------------|------|
| 7694010 | <b>8571-01</b> | DX      | in cardboard packaging with extension tube                                               | 5.6  |
| 7694360 | <b>8576-01</b> | DXL     | in cardboard packaging with extension tube                                               | 5.6  |
| 1211005 | <b>7571-01</b> | DX A+S  | in cardboard packaging with extension tube, with pre-set-value locking and safety device | 5.6  |
| 1211048 | <b>7576-01</b> | DXL A+S | in cardboard packaging with extension tube, with pre-set-value locking and safety device | 5.6  |
| 7694520 | <b>8571-02</b> | DX      | in a sheet-metal case with extension tube                                                | 10.0 |
| 7694600 | <b>8576-02</b> | DXL     | in a sheet-metal case with extension tube                                                | 10.0 |
| 7694870 | <b>8571-03</b> | DX      | Set mm<br>O 30 32 36 41 46 50<br>754-04 200 + 400 mm                                     | 16.8 |
| 7694950 | <b>8576-03</b> | DXL     | Set mm<br>O 30 32 36 41 46 50<br>754-04 200 + 400 mm                                     | 16.8 |
| 7695170 | <b>8571-04</b> | DX      | Set INCH<br>O 1.1/8 1.1/4 1.3/8 1.1/2 1.3/4 1.7/8"<br>754-04 200 + 400 mm                | 16.0 |
| 7695330 | <b>8576-04</b> | DXL     | Set INCH<br>O 1.1/8 1.1/4 1.3/8 1.1/2 1.3/4 1.7/8"<br>754-04 200 + 400 mm                | 16.0 |

## 8564 - 8569 E

### DREMOMETER SET 750-2000 N-m

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- With 1" single square drive for controlled clockwise tightening (type E no. 8564) or double square drive for bi-directional tightening (type EL no. 8569)
- If ordering with pre-set-value locking and safety device (type E/EL A+S no. 7564/7569), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

**25**
**1"**


| Code    | No.            | Type   | Inclusion                                                                             |      |
|---------|----------------|--------|---------------------------------------------------------------------------------------|------|
| 7695250 | <b>8564-01</b> | E      | in cardboard box with 2 extension tubes                                               | 11.6 |
| 7695410 | <b>8569-01</b> | EL     | in cardboard box with 2 extension tubes                                               | 11.6 |
| 1547232 | <b>7564-01</b> | E A+S  | in cardboard box with 2 extension tubes, with pre-set-value locking and safety device | 11.6 |
| 1547240 | <b>7569-01</b> | EL A+S | in cardboard box with 2 extension tubes, with pre-set-value locking and safety device | 11.6 |
| 7695680 | <b>8564-02</b> | E      | in a sheet-metal case with 2 extension tubes                                          | 24.3 |
| 7695840 | <b>8569-02</b> | EL     | in a sheet-metal case with 2 extension tubes                                          | 24.3 |
| 7696060 | <b>8564-03</b> | E      | Set mm<br>O 36 41 46 50 55 60 65 70<br>754-06 200 + 400 mm                            | 42.4 |
| 7696140 | <b>8569-03</b> | EL     | Set mm<br>O 36 41 46 50 55 60 65 70<br>754-06 200 + 400 mm                            | 42.4 |

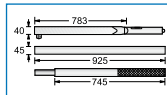




## 8572 F

### DREMOMETER 1500-3000 N-m

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- Extension tubes (no. 8564-92/8572-74) with max. lever length of 2313 mm
- If ordering with pre-set-value locking and safety device (type F A+S no. 7572), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

**40**
**1 1/2"**


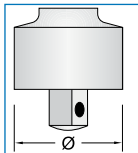
| Code    | No.            | Type  | Inclusion                                                                                  | Weight |
|---------|----------------|-------|--------------------------------------------------------------------------------------------|--------|
| 7717160 | <b>8572-01</b> | F     | in cardboard packaging with 2 extension tubes                                              | 13.2   |
| 1547259 | <b>7572-01</b> | F A+S | in cardboard packaging with 2 extension tubes with pre-set-value locking and safety device | 13.2   |
| 7717240 | <b>8572-02</b> | F     | in a sheet-metal case with 2 extension tubes                                               | 24.0   |



## 754

### RATCHET HEADS DREMOMETER

- Fine-pitched, sturdy ratchet head
- Clockwise models (no. 754-00 to -06)
- Counter-clockwise models (no. 754-11 to -16)
- Made of chrome-vanadium steel

**6.3 1/4"**
**10 3/8"**
**12.5 1/2"**
**20 3/4"**
**25 1"**


| Code    | No.           | □ * | ■ * | Ø mm | °    | Use                    | Weight |
|---------|---------------|-----|-----|------|------|------------------------|--------|
| 7680490 | <b>754-00</b> | 1/4 | 1/4 | 24   | 18,0 | MINI, AM               | 54     |
| 7680570 | <b>754-01</b> | 3/8 | 3/8 | 35   | 20,0 | A                      | 150    |
| 7680650 | <b>754-02</b> | 1/2 | 1/2 | 46   | 7,5  | B, BC, C               | 350    |
| 7680730 | <b>754-04</b> | 3/4 | 3/4 | 65   | 10,0 | CD, DS, D, DR, DX      | 1000   |
| 7680810 | <b>754-06</b> | 1   | 1   | 73   | 10,0 | E                      | 2500   |
| 7686770 | <b>754-11</b> | 3/8 | 3/8 | 35   | 20,0 | AL                     | 150    |
| 7686850 | <b>754-12</b> | 1/2 | 1/2 | 46   | 7,5  | BL, BCL, CL            | 350    |
| 7686930 | <b>754-14</b> | 3/4 | 3/4 | 65   | 10,0 | CDL, DSL, DL, DRL, DXL | 1000   |
| 7687150 | <b>754-16</b> | 1   | 1   | 73   | 10,0 | EL                     | 1800   |

Deviant packing units see article description.

## TORQUE LIMITERS

### 8100 - 8116

#### TORQUE LIMIT UNIT 3/8"

- No. 8116 - Sparking-plug socket with built-in torque limit unit
- No. 8100 - Torque limiting adaptor for torque control with sparking-plug sockets. Fits with 3/8" female square drives
- All models of the torque limiting adaptors are available with a factory pre-set torque value in the range of 8-25 N-m (price on request)

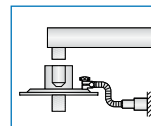
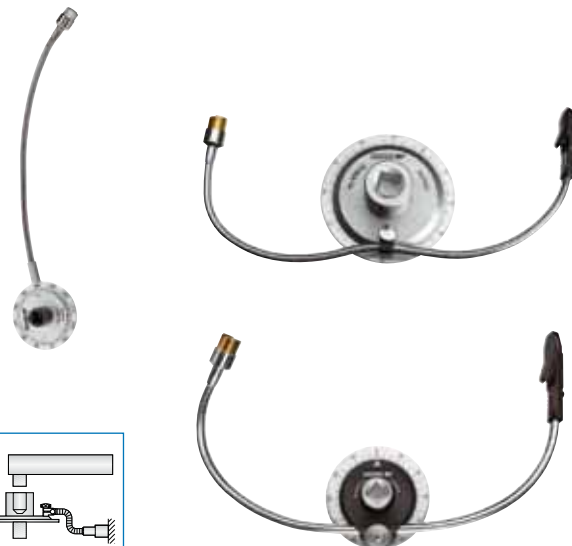

**10**
**3/8"**
**10**
**3/8"**


| Code    | No.            | ■ / □           | N-m | Weight |
|---------|----------------|-----------------|-----|--------|
| 7717830 | <b>8116-18</b> | 3/8" ■ / 16" □  | 18  | 200    |
| 7717910 | <b>8100-18</b> | 3/8" ■ / 3/8" □ | 18  | 150    |
| 7717670 | <b>774-00</b>  | 3/8" □ / 3/8" □ | 30  |        |

### 8200

#### TORQUE ANGLE INDICATOR

- For additional precise angle tightening (0-360°)
- 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

**12.5**
**1 1/2"**
**20**
**3/4"**


| Code    | No.            | ■ * | ■    | Ø mm | °     | Weight |
|---------|----------------|-----|------|------|-------|--------|
| 1195980 | <b>8200-01</b> | 1/2 | 12.5 | 80   | 0-360 | 330    |
| 7718480 | <b>8200-11</b> | 1/2 | 12.5 | 82   | 0-360 | 330    |
| 7716510 | <b>8200-02</b> | 3/4 | 20.0 | 120  | 0-360 | 530    |

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



## DREMOMETER W

### TECHNICAL INFORMATION ANGULAR TIGHTENING

For activation with torque angle measurement, set the DREMOMETER to the stipulated setting torque. Loosen the clamping screw on the flexible rod and place the magnet firmly onto the metallic surface or securely affix the claw to the other end of the flexible spindle. In the process, bend the rod into place and firmly re-tighten the clamping screw. Slowly and evenly pull through the DREMOMETER until the "click" is heard. The proper resting position of the screw on the surface (setting torque) has now been reached. Now, hold the DREMOMETER in this position and set the angle-disc to the desired angle. Pull it further until the arrow is pointing to zero. The connection now has the desired pre-tension force.

**Please note:**

Pay attention to the maximum output of the torque wrenches to avoid overloading. The total torque (set torque plus angle tightening) may not pass the indicated maximum output of the torque wrenches.

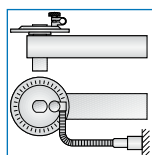
#### 8261 - 8273 W

##### DREMOMETER 20-300 N-m / 15-220 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Torque angle indicator with a sliding magnetic and gripping arm
- Full-metal construction from high-strength aluminium alloy
- For controlled clockwise tightening with angle measurement
- The maximum output of the torque wrench must not be passed
- The 4-piece DREMOMETER W set (-03) with 1/2" accessories: 1x ratchet head for controlled clockwise tightening (no. 754-02), 2x extension tubes (125 + 250 mm)
- Delivery in solid sheet metal case

12.5

1/2"



| Code    | No.            | Type | Ø"  | N-m    | lbf-ft | Wrench | Set  |
|---------|----------------|------|-----|--------|--------|--------|------|
| 7696730 | <b>8261-03</b> | BW   | 1/2 | 20-120 | 15-90  | 1500   | 4700 |
| 7696810 | <b>8273-03</b> | BCW  | 1/2 | 40-200 | 30-150 | 1700   | 4800 |
| 7697030 | <b>8262-03</b> | CW   | 1/2 | 50-300 | 35-220 | 1900   | 5200 |



## DREMOMETER Z

### TECHNICAL INFORMATION Z

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



#### 8460 - 8471 Z

##### DREMOMETER WITH QUICK-FITTING CHANGE 8-1000 N-m / 70 lbf-in-730 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy, type DXZ with aluminium extension tube
- Factory depth gauges: 32 mm (16), 56 mm (22) or 75 mm (28), use type DXZ only with aluminium extension tube
- If ordering with pre-set-value locking and safety device (AZ to DXZ A+S no. 7460-7471), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

16

22

28



| Code    | No.            | Type    | Ø  | N-m      | lbf-in | lbf-ft  | ↕    |
|---------|----------------|---------|----|----------|--------|---------|------|
| 7703610 | <b>8460-01</b> | AZ      | 16 | 8-40     | 70-350 |         | 1000 |
| 7704260 | <b>8461-01</b> | BZ      | 16 | 20-120   |        | 15-90   | 1450 |
| 7704340 | <b>8462-01</b> | CZ      | 16 | 50-400   |        | 35-300  | 2000 |
| 7703020 | <b>8463-10</b> | DZ      | 22 | 140-620  |        | 105-450 | 3000 |
| 1251341 | <b>8471-01</b> | DXZ     | 28 | 520-1000 |        | 380-730 | 5500 |
| 1427067 | <b>7460-01</b> | AZ A+S  | 16 | 8-40     | 70-350 |         | 1000 |
| 1427075 | <b>7461-01</b> | BZ A+S  | 16 | 20-120   |        | 15-90   | 1450 |
| 1225669 | <b>7462-01</b> | CZ A+S  | 16 | 50-400   |        | 35-300  | 2000 |
| 1427083 | <b>7463-10</b> | DZ A+S  | 22 | 140-620  |        | 105-450 | 3000 |
| 1521977 | <b>7471-01</b> | DXZ A+S | 28 | 520-1000 |        | 380-730 | 5500 |

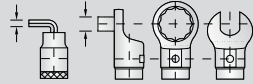
- On request, all torque wrenches can be factory pre-set.
- When ordering, please specify the N-m value.
- pre-setting



## END FITTINGS 16 Z

### Accessories

- End fittings with spigot ends are available in ring ends, open ends, TORX®, INBUS® and flare ends. Square-heads and ratchet-heads can be used with the appropriate sockets.



### 8791

#### OPEN END FITTING 16 Z

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



| Code    | No.            | Ø mm | Depth gauge | ±   |
|---------|----------------|------|-------------|-----|
| 7774470 | <b>8791-07</b> | 7    | 32          | 80  |
| 7774550 | <b>8791-08</b> | 8    | 32          | 80  |
| 7774630 | <b>8791-09</b> | 9    | 32          | 80  |
| 7710070 | <b>8791-10</b> | 10   | 32          | 90  |
| 7710150 | <b>8791-11</b> | 11   | 32          | 90  |
| 7676890 | <b>8791-12</b> | 12   | 32          | 90  |
| 7710230 | <b>8791-13</b> | 13   | 32          | 120 |
| 7710310 | <b>8791-14</b> | 14   | 32          | 120 |
| 7710580 | <b>8791-15</b> | 15   | 32          | 120 |
| 7710660 | <b>8791-16</b> | 16   | 32          | 160 |
| 7710740 | <b>8791-17</b> | 17   | 32          | 160 |
| 7676970 | <b>8791-18</b> | 18   | 32          | 160 |
| 7710820 | <b>8791-19</b> | 19   | 32          | 180 |
| 7710900 | <b>8791-20</b> | 20   | 32          | 180 |
| 7677000 | <b>8791-21</b> | 21   | 32          | 180 |
| 7711040 | <b>8791-22</b> | 22   | 32          | 220 |
| 7711120 | <b>8791-24</b> | 24   | 32          | 220 |
| 7711200 | <b>8791-27</b> | 27   | 32          | 260 |
| 7774710 | <b>8791-30</b> | 30   | 32          | 300 |
| 7774980 | <b>8791-32</b> | 32   | 32          | 300 |
| 1552317 | <b>8791-36</b> | 36   | 32          | 300 |

| Code    | No.                  | Ø AF   | Depth gauge | ±   |
|---------|----------------------|--------|-------------|-----|
| 1211421 | <b>8791-1/4AF</b>    | 1/4    | 32          | 90  |
| 7720030 | <b>8791-5/16AF</b>   | 5/16   | 32          | 80  |
| 1211447 | <b>8791-3/8AF</b>    | 3/8    | 32          | 90  |
| 7720110 | <b>8791-7/16AF</b>   | 7/16   | 32          | 90  |
| 7720380 | <b>8791-1/2AF</b>    | 1/2    | 32          | 90  |
| 7720460 | <b>8791-9/16AF</b>   | 9/16   | 32          | 120 |
| 7720540 | <b>8791-5/8AF</b>    | 5/8    | 32          | 160 |
| 7720620 | <b>8791-11/16AF</b>  | 11/16  | 32          | 160 |
| 7720700 | <b>8791-3/4AF</b>    | 3/4    | 32          | 180 |
| 1211439 | <b>8791-13/16AF</b>  | 13/16  | 32          | 90  |
| 7720890 | <b>8791-7/8AF</b>    | 7/8    | 32          | 220 |
| 7720970 | <b>8791-15/16AF</b>  | 15/16  | 32          | 220 |
| 7721000 | <b>8791-1AF</b>      | 1      | 32          | 220 |
| 7721190 | <b>8791-1.1/16AF</b> | 1.1/16 | 32          | 260 |
| 7721270 | <b>8791-1.1/8AF</b>  | 1.1/8  | 32          | 300 |
| 7776170 | <b>8791-1.3/16AF</b> | 1.3/16 | 32          | 300 |
| 7776250 | <b>8791-1.1/4AF</b>  | 1.1/4  | 32          | 300 |
| 7776330 | <b>8791-1.5/16AF</b> | 1.5/16 | 32          | 300 |

Deviant packing units see article description.

### 8792

#### RING END FITTING 16 Z

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



| Code    | No.            | Ø mm | Depth gauge | ±   |
|---------|----------------|------|-------------|-----|
| 7775010 | <b>8792-07</b> | 7    | 32          | 90  |
| 7775280 | <b>8792-08</b> | 8    | 32          | 90  |
| 7775360 | <b>8792-09</b> | 9    | 32          | 90  |
| 7712600 | <b>8792-10</b> | 10   | 32          | 100 |
| 7712790 | <b>8792-11</b> | 11   | 32          | 100 |
| 7677190 | <b>8792-12</b> | 12   | 32          | 100 |
| 7712870 | <b>8792-13</b> | 13   | 32          | 140 |
| 7712950 | <b>8792-14</b> | 14   | 32          | 140 |
| 7713090 | <b>8792-15</b> | 15   | 32          | 140 |
| 7713170 | <b>8792-16</b> | 16   | 32          | 180 |
| 7713250 | <b>8792-17</b> | 17   | 32          | 180 |
| 7677270 | <b>8792-18</b> | 18   | 32          | 180 |
| 7713330 | <b>8792-19</b> | 19   | 32          | 210 |
| 7713410 | <b>8792-20</b> | 20   | 32          | 210 |
| 7677350 | <b>8792-21</b> | 21   | 32          | 210 |
| 7713680 | <b>8792-22</b> | 22   | 32          | 260 |
| 1211471 | <b>8792-23</b> | 23   | 32          | 270 |
| 7713760 | <b>8792-24</b> | 24   | 32          | 260 |
| 7713840 | <b>8792-27</b> | 27   | 32          | 300 |

| Code    | No.                  | Ø AF   | Depth gauge | ±   |
|---------|----------------------|--------|-------------|-----|
| 1211455 | <b>8792-1/4AF</b>    | 1/4    | 32          | 100 |
| 7721350 | <b>8792-5/16AF</b>   | 5/16   | 32          | 90  |
| 1211498 | <b>8792-3/8AF</b>    | 3/8    | 32          | 100 |
| 7721430 | <b>8792-7/16AF</b>   | 7/16   | 32          | 100 |
| 7721510 | <b>8792-1/2AF</b>    | 1/2    | 32          | 100 |
| 7721780 | <b>8792-9/16AF</b>   | 9/16   | 32          | 140 |
| 7721860 | <b>8792-5/8AF</b>    | 5/8    | 32          | 140 |
| 7721940 | <b>8792-11/16AF</b>  | 11/16  | 32          | 180 |
| 7722080 | <b>8792-3/4AF</b>    | 3/4    | 32          | 210 |
| 1211463 | <b>8792-13/16AF</b>  | 13/16  | 32          | 100 |
| 7722160 | <b>8792-7/8AF</b>    | 7/8    | 32          | 260 |
| 7722240 | <b>8792-15/16AF</b>  | 15/16  | 32          | 260 |
| 7722320 | <b>8792-1AF</b>      | 1      | 32          | 300 |
| 7722400 | <b>8792-1.1/16AF</b> | 1.1/16 | 32          | 300 |




**8797**
**FLARED END FITTING 16 Z**

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

**16**


| Code    | No.            | Ø mm | max. N-m | Depth gauge | ± mm |
|---------|----------------|------|----------|-------------|------|
| 1211587 | <b>8797-07</b> | 7    | 7.0      | 32          | 90   |
| 1211595 | <b>8797-08</b> | 8    | 6.5      | 32          | 90   |
| 1211609 | <b>8797-09</b> | 9    | 5.5      | 32          | 90   |
| 1211625 | <b>8797-10</b> | 10   | 26.0     | 32          | 100  |
| 1211633 | <b>8797-11</b> | 11   | 19.0     | 32          | 100  |
| 1211641 | <b>8797-12</b> | 12   | 13.0     | 32          | 120  |
| 1211668 | <b>8797-13</b> | 13   | 34.0     | 32          | 140  |
| 7664290 | <b>8797-14</b> | 14   | 24.0     | 32          | 140  |
| 1211684 | <b>8797-15</b> | 15   | 18.0     | 32          | 140  |
| 1211692 | <b>8797-16</b> | 16   | 66.0     | 32          | 180  |
| 1211706 | <b>8797-17</b> | 17   | 56.0     | 32          | 180  |
| 1211714 | <b>8797-18</b> | 18   | 45.0     | 32          | 200  |
| 1211722 | <b>8797-19</b> | 19   | 80.0     | 32          | 210  |
| 1211731 | <b>8797-20</b> | 20   | 60.0     | 32          | 210  |
| 1211749 | <b>8797-21</b> | 21   | 43.0     | 32          | 210  |
| 1211757 | <b>8797-22</b> | 22   | 172.0    | 32          | 260  |
| 1211765 | <b>8797-23</b> | 23   | 153.0    | 32          | 260  |
| 1211773 | <b>8797-24</b> | 24   | 118.0    | 32          | 260  |
| 1211781 | <b>8797-27</b> | 27   | 76.0     | 32          | 300  |

| Code    | No.                  | Ø AF   | max. N-m | Depth gauge | ± mm |
|---------|----------------------|--------|----------|-------------|------|
| 1326503 | <b>8797-1/4AF</b>    | 1/4    | 7.0      | 32          | 90   |
| 7709300 | <b>8797-5/16AF</b>   | 5/16   | 6.5      | 32          | 90   |
| 1211803 | <b>8797-3/8AF</b>    | 3/8    | 26.0     | 32          | 140  |
| 7715620 | <b>8797-7/16AF</b>   | 7/16   | 18.0     | 32          | 100  |
| 7715970 | <b>8797-1/2AF</b>    | 1/2    | 37.0     | 32          | 140  |
| 7716350 | <b>8797-9/16AF</b>   | 9/16   | 22.0     | 32          | 140  |
| 7716430 | <b>8797-5/8AF</b>    | 5/8    | 68.0     | 32          | 180  |
| 7719610 | <b>8797-11/16AF</b>  | 11/16  | 51.0     | 32          | 180  |
| 7719880 | <b>8797-3/4AF</b>    | 3/4    | 77.0     | 32          | 210  |
| 1211676 | <b>8797-13/16AF</b>  | 13/16  | 58.0     | 32          | 370  |
| 7725180 | <b>8797-7/8AF</b>    | 7/8    | 169.0    | 32          | 210  |
| 7719960 | <b>8797-15/16AF</b>  | 15/16  | 138.0    | 32          | 210  |
| 7725260 | <b>8797-1AF</b>      | 1      | 104.0    | 32          | 260  |
| 7725340 | <b>8797-1.1/16AF</b> | 1.1/16 | 77.0     | 32          | 300  |

**8755**
**END FITTING TORX® 16 Z**

- For accessing bolts in cramped and hard-to-access locations - easy to change
- Forged
- Chrome-vanadium steel, chrome-plated
- With eject-pin for unlocking
- TORX® = registered trademark of Acument Intellectual Properties, LLC. USA

**16**


| Code    | No.            | Ø  | Depth gauge | ± mm |
|---------|----------------|----|-------------|------|
| 7672040 | <b>8755-20</b> | 20 | 32          | 100  |
| 7672120 | <b>8755-25</b> | 25 | 32          | 100  |
| 7672200 | <b>8755-27</b> | 27 | 32          | 140  |
| 7672390 | <b>8755-30</b> | 30 | 32          | 140  |
| 7672470 | <b>8755-40</b> | 40 | 36          | 140  |
| 7672550 | <b>8755-45</b> | 45 | 36          | 180  |

**8756**
**END FITTING INBUS® 16 Z**

- For accessing bolts in cramped and hard-to-access locations - easy to change
- Forged
- Chrome-vanadium steel, chrome-plated
- With eject-pin for unlocking
- INBUS® = registered trademark of Acument GmbH & Co. OHG, 56567 Neuwied

**16**


| Code    | No.            | Ø mm | Depth gauge | ± mm |
|---------|----------------|------|-------------|------|
| 7773740 | <b>8756-03</b> | 3    | 32          | 100  |
| 7773820 | <b>8756-04</b> | 4    | 32          | 100  |
| 7773900 | <b>8756-05</b> | 5    | 32          | 100  |
| 7774040 | <b>8756-06</b> | 6    | 32          | 100  |
| 7774120 | <b>8756-08</b> | 8    | 36          | 110  |

**8754**
**RATCHET HEAD 16 Z**

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

**16**

**10**
**3/8**
**12.5**
**1/2**


| Code    | No.            | Type | Ø"  | Depth gauge | ± mm |
|---------|----------------|------|-----|-------------|------|
| 7711980 | <b>8754-01</b> | ●    | 3/8 | 10,0        | 32   |
| 7712010 | <b>8754-02</b> | ●    | 1/2 | 7,5         | 32   |

**8790 - 8793**
**FIXED SQUARE HEAD 16 Z**

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

**16**

**10**
**3/8**
**12.5**
**1/2**


| Code    | No.            | Type | Ø"  | Depth gauge | ± mm |
|---------|----------------|------|-----|-------------|------|
| 7709490 | <b>8790-00</b> | □    | 3/8 | 32          | 350  |
| 7709570 | <b>8793-00</b> | □    | 1/2 | 32          | 380  |





## END FITTINGS 22 Z

### 8795

#### OPEN END FITTING 22 Z

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



| Code    | No.            | Ø mm | Depth gauge | ±   |
|---------|----------------|------|-------------|-----|
| 7707010 | <b>8795-22</b> | 22   | 56          | 330 |
| 7707280 | <b>8795-24</b> | 24   | 56          | 320 |
| 7707360 | <b>8795-27</b> | 27   | 56          | 380 |
| 7707440 | <b>8795-30</b> | 30   | 56          | 370 |
| 7707520 | <b>8795-32</b> | 32   | 56          | 450 |
| 7677430 | <b>8795-34</b> | 34   | 56          | 430 |
| 7707600 | <b>8795-36</b> | 36   | 56          | 430 |
| 7707790 | <b>8795-41</b> | 41   | 56          | 580 |
| 7707870 | <b>8795-46</b> | 46   | 56          | 530 |

| Code    | No.                  | Ø AF   | Depth gauge | ±   |
|---------|----------------------|--------|-------------|-----|
| 1532650 | <b>8795-1.7/16AF</b> | 1.7/16 | 56          | 425 |
| 1532669 | <b>8795-1.1/2AF</b>  | 1.1/2  | 56          | 429 |

### 8796

#### RING END FITTING 22 Z

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



| Code    | No.            | Ø mm | Depth gauge | ±   |
|---------|----------------|------|-------------|-----|
| 7707950 | <b>8796-22</b> | 22   | 56          | 350 |
| 7708090 | <b>8796-24</b> | 24   | 56          | 330 |
| 7708170 | <b>8796-27</b> | 27   | 56          | 370 |
| 7708250 | <b>8796-30</b> | 30   | 56          | 350 |
| 7708330 | <b>8796-32</b> | 32   | 56          | 420 |
| 7677510 | <b>8796-34</b> | 34   | 56          | 420 |
| 7708410 | <b>8796-36</b> | 36   | 56          | 390 |
| 7708680 | <b>8796-41</b> | 41   | 56          | 560 |
| 7708760 | <b>8796-46</b> | 46   | 56          | 520 |

| Code    | No.                  | Ø AF   | Depth gauge | ±   |
|---------|----------------------|--------|-------------|-----|
| 1532677 | <b>8796-1.1/8AF</b>  | 1.1/8  | 56          | 400 |
| 1532685 | <b>8796-1.3/16AF</b> | 1.3/16 | 56          | 470 |
| 1532693 | <b>8796-1.1/4AF</b>  | 1.1/4  | 56          | 550 |
| 1532707 | <b>8796-1.5/16AF</b> | 1.5/16 | 56          | 460 |
| 1532715 | <b>8796-1.7/16AF</b> | 1.7/16 | 56          | 430 |

### 8797

#### FLARED END FITTING 22 Z

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



| Code    | No.                  | Ø AF   | max. N-m | Depth gauge | ±   |
|---------|----------------------|--------|----------|-------------|-----|
| 1532723 | <b>8797-1.1/8AF</b>  | 1.1/8  | 166      | 56          | 370 |
| 1532731 | <b>8797-1.3/16AF</b> | 1.3/16 | 145      | 56          | 360 |
| 1532758 | <b>8797-1.1/4AF</b>  | 1.1/4  | 396      | 56          | 440 |
| 1532766 | <b>8797-1.5/16AF</b> | 1.5/16 | 367      | 56          | 430 |
| 1532774 | <b>8797-1.7/16AF</b> | 1.7/16 | 271      | 56          | 390 |

### 8794

#### FIXED SQUARE HEAD / RATCHET HEAD 22 Z

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



| Code    | No.            | Type | □ * | Depth gauge | ±   |
|---------|----------------|------|-----|-------------|-----|
| 7708840 | <b>8794-00</b> | □    | 3/4 | 56          | 610 |
| 1427318 | <b>8794-03</b> | ● □  | 3/4 | 10 56       | 950 |

## END FITTINGS 28 Z

### 8798

#### OPEN END FITTING 28 Z

- For accessing bolts in cramped and hard-to-access locations - easy to change
- Chrome-vanadium steel, chrome-plated
- With catch retention



| Code    | No.             | Ø mm | Depth gauge | ±    |
|---------|-----------------|------|-------------|------|
| 1565346 | <b>8798-36</b>  | 36   | 75          | 1900 |
| 1565354 | <b>8798-41</b>  | 41   | 75          | 1900 |
| 1565362 | <b>8798-46</b>  | 46   | 75          | 1900 |
| 1565370 | <b>8798-50</b>  | 50   | 75          | 1900 |
| 1565389 | <b>8798-55</b>  | 55   | 75          | 2100 |
| 1565397 | <b>8798-60</b>  | 60   | 75          | 2100 |
| 1565400 | <b>8798-65</b>  | 65   | 75          | 2400 |
| 1565419 | <b>8798-70</b>  | 70   | 75          | 2900 |
| 1565427 | <b>8798-75</b>  | 75   | 100         | 4000 |
| 1565435 | <b>8798-80</b>  | 80   | 100         | 4400 |
| 1565443 | <b>8798-85</b>  | 85   | 100         | 4300 |
| 1565451 | <b>8798-90</b>  | 90   | 100         | 5400 |
| 1565478 | <b>8798-95</b>  | 95   | 100         | 5100 |
| 1565486 | <b>8798-100</b> | 100  | 100         | 7600 |

### 8799

#### RING END FITTING 28 Z

- For accessing bolts in cramped and hard-to-access locations - easy to change
- Chrome-vanadium steel, chrome-plated
- With catch retention



| Code    | No.             | Ø mm | Depth gauge | ±    |
|---------|-----------------|------|-------------|------|
| 1565494 | <b>8799-36</b>  | 36   | 75          | 1600 |
| 1565508 | <b>8799-41</b>  | 41   | 75          | 1800 |
| 1565516 | <b>8799-46</b>  | 46   | 75          | 2100 |
| 1565524 | <b>8799-50</b>  | 50   | 75          | 2200 |
| 1565532 | <b>8799-55</b>  | 55   | 75          | 2400 |
| 1565540 | <b>8799-60</b>  | 60   | 75          | 2500 |
| 1565559 | <b>8799-65</b>  | 65   | 75          | 2900 |
| 1565567 | <b>8799-70</b>  | 70   | 75          | 2000 |
| 1565575 | <b>8799-75</b>  | 75   | 100         | 4500 |
| 1565583 | <b>8799-80</b>  | 80   | 100         | 4800 |
| 1565591 | <b>8799-85</b>  | 85   | 100         | 5200 |
| 1565605 | <b>8799-90</b>  | 90   | 100         | 6700 |
| 1565621 | <b>8799-95</b>  | 95   | 100         | 6400 |
| 1565648 | <b>8799-100</b> | 100  | 100         | 6200 |



8794

#### RATCHET HEAD 28 Z

- For accessing bolts in cramped and hard-to-access locations - easy to change
- Chrome-vanadium steel, chrome-plated
- With catch retention



| Code    | No.            | Type | □"  | Depth gauge | ↕ |
|---------|----------------|------|-----|-------------|---|
| 1566032 | <b>8794-05</b> | ●    | 3/4 | 10 75 1800  |   |

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



## DREMOMETER SE

8480 - 8482 SE

#### DREMOMETER WITH QUICK-FITTING CHANGE 8-400 N-m / 70 lbf-in-300 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Full-metal construction from high-strength aluminium alloy
- Factory depth gauges: 17.5 mm (9x12) or 25 mm (14x18)
- If ordering with pre-set-value locking and safety device (ASE to CSE A+S no. 7480-7482), please specify the N-m value - if fixed factory-pre-setting is desired (price on request)

9x12

14x18



| Code    | No.            | Type     | □mm     | N-m    | lbf-in | lbf-ft | ↕ |
|---------|----------------|----------|---------|--------|--------|--------|---|
| 7714060 | <b>8480-01</b> | A-SE     | 9 x 12  | 8-40   | 70-350 | 950    |   |
| 7714140 | <b>8481-01</b> | B-SE     | 9 x 12  | 20-120 | 15-90  | 1250   |   |
| 7714220 | <b>8482-01</b> | C-SE     | 14 x 18 | 50-400 | 35-300 | 1700   |   |
| 1427059 | <b>7480-01</b> | A-SE A+S | 9 x 12  | 8-40   | 70-350 | 950    |   |
| 1427091 | <b>7481-01</b> | B-SE A+S | 9 x 12  | 20-120 | 15-90  | 1250   |   |
| 1427105 | <b>7482-01</b> | C-SE A+S | 14 x 18 | 50-400 | 35-300 | 1700   |   |

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

## END FITTINGS 9X12 SE

#### Accessories

- End fittings with a rectangular end are available in ring ends, open ends, TORX®, INBUS® and flare ends. Square and ratchet-adaptor spanner end fittings can be used with the appropriate sockets, bit holders and commonly available bits. A weld-on end fitting enables you to create your own designs.

7112

#### RECTANGULAR OPEN END FITTING 9x12

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

9x12



| Code    | No.            | □mm | ↕  |
|---------|----------------|-----|----|
| 7688390 | <b>7112-07</b> | 7   | 35 |
| 7688550 | <b>7112-08</b> | 8   | 35 |
| 7679050 | <b>7112-09</b> | 9   | 35 |
| 7688630 | <b>7112-10</b> | 10  | 40 |
| 7688980 | <b>7112-11</b> | 11  | 30 |
| 7679560 | <b>7112-12</b> | 12  | 35 |
| 7689010 | <b>7112-13</b> | 13  | 35 |
| 7689360 | <b>7112-14</b> | 14  | 40 |
| 7689440 | <b>7112-15</b> | 15  | 40 |
| 7679990 | <b>7112-16</b> | 16  | 45 |
| 7689600 | <b>7112-17</b> | 17  | 50 |
| 7684560 | <b>7112-18</b> | 18  | 60 |
| 7689790 | <b>7112-19</b> | 19  | 60 |

| Code    | No.                | □AF  | ↕  |
|---------|--------------------|------|----|
| 1547267 | <b>7112-1/4AF</b>  | 1/4  | 36 |
| 1547275 | <b>7112-5/16AF</b> | 5/16 | 53 |
| 1547283 | <b>7112-3/8AF</b>  | 3/8  | 38 |
| 1547305 | <b>7112-1/2AF</b>  | 1/2  | 44 |

7212

#### RECTANGULAR RING END FITTING 9x12

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

9x12



| Code    | No.            | □mm | ↕  |
|---------|----------------|-----|----|
| 7691340 | <b>7212-07</b> | 7   | 30 |
| 7691420 | <b>7212-08</b> | 8   | 30 |
| 7691690 | <b>7212-10</b> | 10  | 30 |
| 7691770 | <b>7212-11</b> | 11  | 30 |
| 7677940 | <b>7212-12</b> | 12  | 35 |
| 7691930 | <b>7212-13</b> | 13  | 35 |
| 7692230 | <b>7212-14</b> | 14  | 40 |
| 7692580 | <b>7212-15</b> | 15  | 40 |
| 7678080 | <b>7212-16</b> | 16  | 40 |
| 7692740 | <b>7212-17</b> | 17  | 40 |
| 7678160 | <b>7212-18</b> | 18  | 40 |
| 7692820 | <b>7212-19</b> | 19  | 40 |
| 7678240 | <b>7212-21</b> | 21  | 50 |
| 7693040 | <b>7212-22</b> | 22  | 50 |





| Code    | No.                 | Ø AF  | W  |
|---------|---------------------|-------|----|
| 1547488 | <b>7212-1/4AF</b>   | 1/4   | 36 |
| 1547496 | <b>7212-5/16AF</b>  | 5/16  | 37 |
| 1547518 | <b>7212-3/8AF</b>   | 3/8   | 37 |
| 1547534 | <b>7212-7/16AF</b>  | 7/16  | 40 |
| 1547542 | <b>7212-1/2AF</b>   | 1/2   | 53 |
| 1547550 | <b>7212-9/16AF</b>  | 9/16  | 52 |
| 1547577 | <b>7212-5/8AF</b>   | 5/8   | 54 |
| 1547607 | <b>7212-11/16AF</b> | 11/16 | 58 |
| 1547615 | <b>7212-3/4AF</b>   | 3/4   | 58 |
| 1547623 | <b>7212-13/16AF</b> | 13/16 | 68 |
| 1547631 | <b>7212-7/8AF</b>   | 7/8   | 69 |

## 7312

### RECTANGULAR FLARED END FITTING 9x12

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

**9x12**


| Code    | No.            | Ø mm | W  |
|---------|----------------|------|----|
| 7685290 | <b>7312-10</b> | 10   | 40 |
| 7685370 | <b>7312-11</b> | 11   | 40 |
| 7699590 | <b>7312-12</b> | 12   | 40 |
| 7679210 | <b>7312-13</b> | 13   | 40 |
| 7679480 | <b>7312-14</b> | 14   | 50 |
| 7685880 | <b>7312-17</b> | 17   | 65 |
| 7679640 | <b>7312-18</b> | 18   | 65 |
| 7686260 | <b>7312-19</b> | 19   | 65 |
| 7679720 | <b>7312-22</b> | 22   | 65 |

| Code    | No.                 | Ø AF  | W  |
|---------|---------------------|-------|----|
| 1547739 | <b>7312-3/8AF</b>   | 3/8   | 55 |
| 1547763 | <b>7312-7/16AF</b>  | 7/16  | 56 |
| 1547771 | <b>7312-1/2AF</b>   | 1/2   | 58 |
| 1547828 | <b>7312-9/16AF</b>  | 9/16  | 59 |
| 1547836 | <b>7312-5/8AF</b>   | 5/8   | 61 |
| 1547844 | <b>7312-11/16AF</b> | 11/16 | 48 |
| 1547852 | <b>7312-3/4AF</b>   | 3/4   | 76 |

## 7412

### RECTANGULAR REVERSIBLE RATCHET HEAD 9x12

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

**9x12**

**6,3**
**10**
**12,5**
**1/4"**
**3/8"**
**1/2"**


| Code    | No.            | W  | Ø   | W    |
|---------|----------------|----|-----|------|
| 7672710 | <b>7412-00</b> | 16 | 1/4 | 6.3  |
| 7686500 | <b>7412-01</b> | 5  | 3/8 | 10.0 |
| 7687230 | <b>7412-02</b> | 5  | 1/2 | 12.5 |

## 7512

### RECTANGULAR TORX®-TYPE END 9x12

- For accessing bolts in cramped and hard-to-access locations - easy to change
- Forged
- Chrome-vanadium steel, chrome-plated
- With eject-pin for unlocking
- TORX® = registered trademark of Acument Intellectual Properties, LLC. USA

**9x12**


| Code    | No.             | Ø  | W  |
|---------|-----------------|----|----|
| 1547860 | <b>7512-E6</b>  | 6  | 40 |
| 1547879 | <b>7512-E8</b>  | 8  | 45 |
| 1547887 | <b>7512-E10</b> | 10 | 45 |
| 1547895 | <b>7512-E12</b> | 12 | 50 |
| 1547909 | <b>7512-E14</b> | 14 | 60 |

## 7612

### RECTANGULAR FIXED SQUARE HEAD 9x12

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

**9x12**

**6,3**
**10**
**12,5**
**1/4"**
**3/8"**
**1/2"**


| Code    | No.            | Ø   | W  |
|---------|----------------|-----|----|
| 7672630 | <b>7612-00</b> | 1/4 | 70 |
| 7679800 | <b>7612-01</b> | 3/8 | 70 |
| 7687900 | <b>7612-02</b> | 1/2 | 80 |

## 7812

### RECTANGULAR BIT HOLDER 9x12

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

**9x12**

**8**
**9/16**
**6,3**
**1/4"**


| Code    | No.            | Ø    | W   | W  |
|---------|----------------|------|-----|----|
| 7697970 | <b>7812-00</b> | 5/16 | 8.0 | 40 |
| 2101645 | <b>7812-10</b> | 1/4  | 6.3 | 40 |

## 7912

### RECTANGULAR WELD-ON FITTING 9x12

- For accessing bolts in cramped and hard-to-access locations - easy to change
- Bear the depth gauges in mind

**9x12**


| Code    | No.            | W  |
|---------|----------------|----|
| 7698190 | <b>7912-00</b> | 30 |



## END FITTINGS 14X18 SE

### 7118

#### RECTANGULAR OPEN END FITTING

14x18

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



Ill. similar

14x18



| Code    | No.            | Ø mm | l mm |
|---------|----------------|------|------|
| 7689870 | <b>7118-13</b> | 13   | 120  |
| 7690020 | <b>7118-14</b> | 14   | 120  |
| 7690100 | <b>7118-15</b> | 15   | 120  |
| 7685610 | <b>7118-16</b> | 16   | 125  |
| 7690370 | <b>7118-17</b> | 17   | 130  |
| 7686180 | <b>7118-18</b> | 18   | 130  |
| 7690450 | <b>7118-19</b> | 19   | 130  |
| 7686420 | <b>7118-21</b> | 21   | 155  |
| 7690610 | <b>7118-22</b> | 22   | 150  |
| 7690880 | <b>7118-24</b> | 24   | 170  |
| 7690960 | <b>7118-27</b> | 27   | 185  |
| 7691260 | <b>7118-30</b> | 30   | 220  |
| 7687740 | <b>7118-32</b> | 32   | 220  |
| 1963708 | <b>7118-34</b> | 34   | 255  |
| 1963716 | <b>7118-36</b> | 36   | 257  |
| 1963724 | <b>7118-41</b> | 41   | 261  |

### 7218

#### RECTANGULAR RING END FITTING 14x18

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



14x18



| Code    | No.            | Ø mm | l mm |
|---------|----------------|------|------|
| 7693120 | <b>7218-13</b> | 13   | 120  |
| 7693390 | <b>7218-14</b> | 14   | 120  |
| 7693470 | <b>7218-15</b> | 15   | 115  |
| 7678320 | <b>7218-16</b> | 16   | 125  |
| 7693630 | <b>7218-17</b> | 17   | 125  |
| 7678830 | <b>7218-18</b> | 18   | 125  |
| 7693710 | <b>7218-19</b> | 19   | 125  |
| 7678910 | <b>7218-21</b> | 21   | 140  |
| 7693980 | <b>7218-22</b> | 22   | 140  |
| 7694280 | <b>7218-24</b> | 24   | 140  |
| 7694440 | <b>7218-27</b> | 27   | 150  |
| 7694790 | <b>7218-30</b> | 30   | 160  |
| 7695920 | <b>7218-32</b> | 32   | 165  |
| 7679130 | <b>7218-34</b> | 34   | 195  |
| 7696220 | <b>7218-36</b> | 36   | 195  |
| 7696300 | <b>7218-41</b> | 41   | 225  |

| Code    | No.                 | Ø AF  | l mm |
|---------|---------------------|-------|------|
| 1547658 | <b>7218-1/2AF</b>   | 1/2   | 122  |
| 1547666 | <b>7218-9/16AF</b>  | 9/16  | 122  |
| 1553674 | <b>7218-5/8 AF</b>  | 5/8   | 134  |
| 1547674 | <b>7218-11/16AF</b> | 11/16 | 132  |
| 1547682 | <b>7218-3/4AF</b>   | 3/4   | 138  |
| 1547690 | <b>7218-13/16AF</b> | 13/16 | 142  |
| 1547704 | <b>7218-7/8AF</b>   | 7/8   | 147  |
| 1547712 | <b>7218-15/16AF</b> | 15/16 | 151  |
| 1547720 | <b>7218-1AF</b>     | 1     | 160  |

### 7418

#### RECTANGULAR REVERSIBLE RATCHET HEAD 14x18

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



14x18



12.5

1/2

20

3/4

| Code    | No.            | Ø   | l    | l mm |
|---------|----------------|-----|------|------|
| 7687580 | <b>7418-02</b> | 1/2 | 12.5 | 350  |
| 7687660 | <b>7418-04</b> | 3/4 | 20.0 | 780  |

### 7518

#### RECTANGULAR TORX®-TYPE END 14x18

- For accessing bolts in cramped and hard-to-access locations - easy to change
- Forged
- Chrome-vanadium steel, chrome-plated
- With eject-pin for unlocking
- TORX® = registered trademark of Acument Intellectual Properties, LLC. USA



14x18



| Code    | No.             | Ø  | l mm |
|---------|-----------------|----|------|
| 1547917 | <b>7518-E14</b> | 14 | 130  |
| 1547925 | <b>7518-E18</b> | 18 | 135  |
| 1547933 | <b>7518-E20</b> | 20 | 150  |
| 1547941 | <b>7518-E24</b> | 24 | 150  |

### 7618

#### RECTANGULAR FIXED SQUARE HEAD 14x18

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



14x18



12.5

1/2

20

3/4

| Code    | No.            | Ø   | l    | l mm |
|---------|----------------|-----|------|------|
| 7688040 | <b>7618-02</b> | 1/2 | 12.5 | 200  |
| 7688200 | <b>7618-04</b> | 3/4 | 20.0 | 390  |

### 7818

#### RECTANGULAR BIT HOLDER 14x18

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



14x18



8

5/16

| Code    | No.            | Ø    | l | l mm |
|---------|----------------|------|---|------|
| 7698000 | <b>7818-00</b> | 5/16 | 8 | 100  |

### 7918

#### RECTANGULAR WELD-ON FITTING 14x18

- For accessing bolts in cramped and hard-to-access locations - easy to change
- Bear the depth gauges in mind



14x18



| Code    | No.            | l mm |
|---------|----------------|------|
| 7698430 | <b>7918-00</b> | 100  |

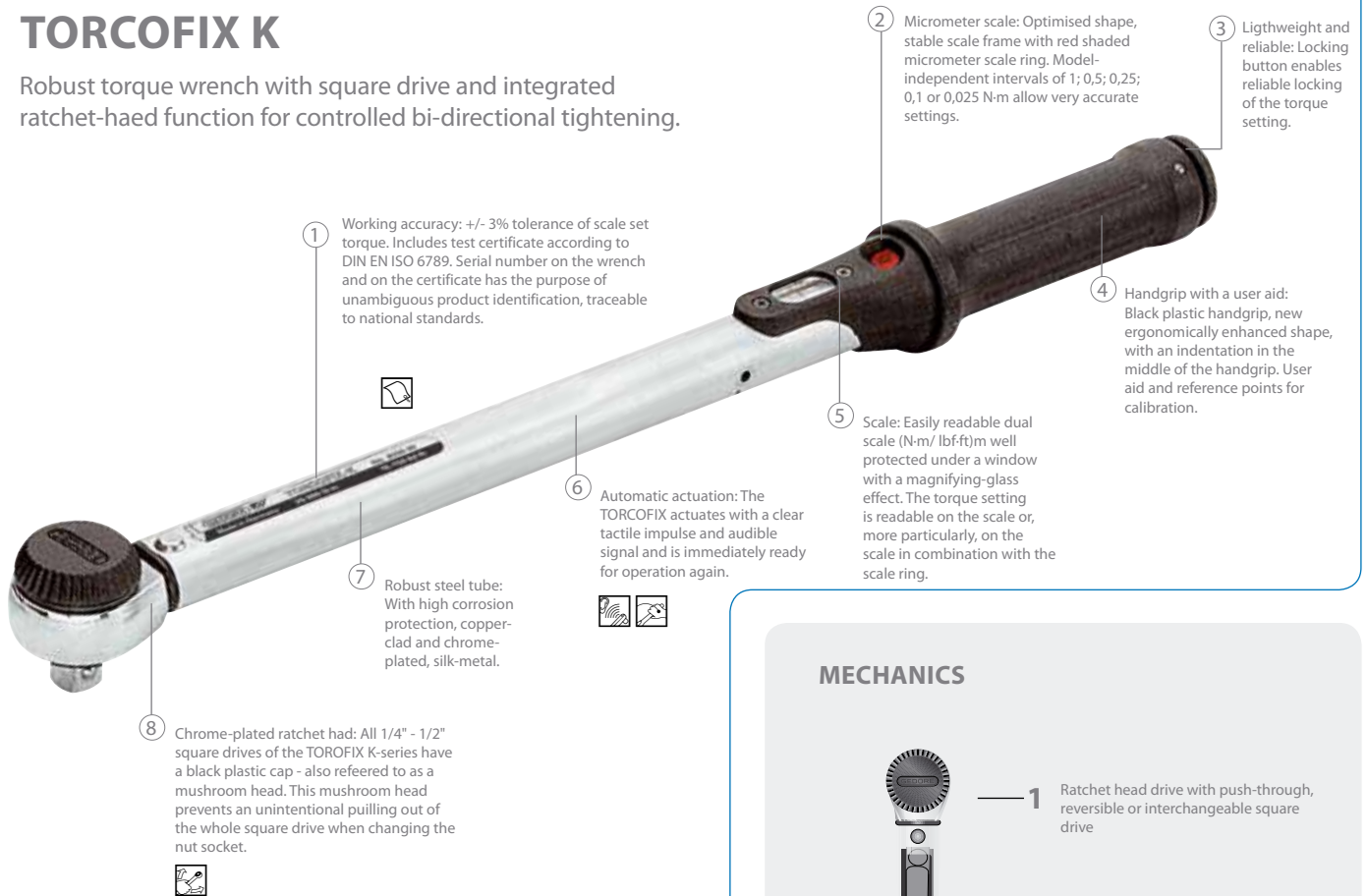


# TORCOFIX K

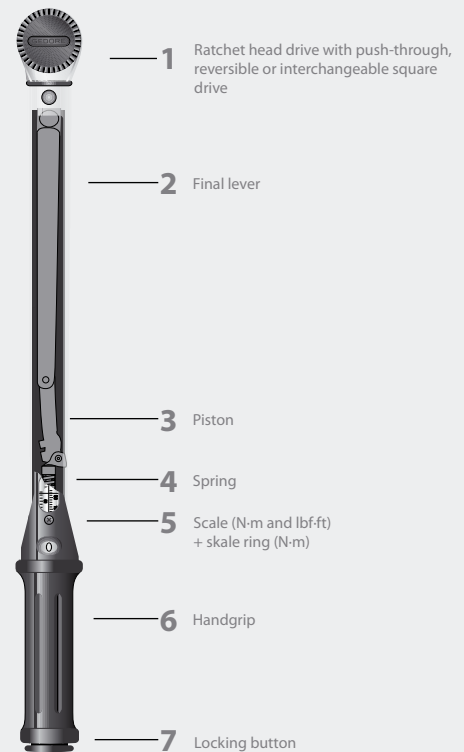


## TORCOFIX K

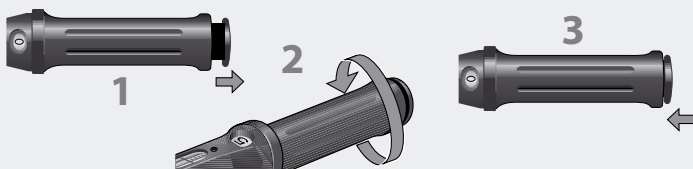
Robust torque wrench with square drive and integrated ratchet-haed function for controlled bi-directional tightening.



## MECHANICS



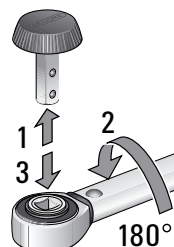
## FEATURES



Pull out the locking button at the end of the handgrip and turn the handgrip in the clockwise or counter-clockwise direction in order to make the desired torque setting. Lock the locking button again. Finished!

## FUNCTION

**In order to change the turning direction of the TORCOFIX-K:**  
Press on the protruding square drive with your thumb and take out the mushroom head, turn the wrench and re-insert the square drive.





#### 4549 - 4551

##### TORQUE WRENCH TORCOFIX K 1-850 N-m / 0.75-630 lbf-ft

- 1/4", 3/8", 1/2" interchangeable mushroom head-square, 3/4" push through square drive
- For controlled bi-directional tightening by simply switching the mushroom head/push through square
- Working accuracy: +/- 3% tolerance of scale set torque
- Robust, silk-matt chrome-plated steel tube construction, with chrome-plated ratchet head and high-quality plastic parts
- Dual scale N-m and lbf-ft below a window with a magnifying-glass effect

6.3 1/4"  
10 3/8"  
12.5 1/2"  
20 3/4"



| Code    | No.            | □"  | N-m     | lbf-ft   | □mm  | □°   | □mm       | □mm  |
|---------|----------------|-----|---------|----------|------|------|-----------|------|
| 1545124 | <b>4549-01</b> | 1/4 | 1-5     | 0,75-3,7 | 220  | 10,0 | 0,025 N-m | 300  |
| 1545132 | <b>4549-02</b> | 1/4 | 2-25    | 1,5-18   | 285  | 10,0 | 0,1 N-m   | 450  |
| 1545140 | <b>4549-05</b> | 3/8 | 5-50    | 3,5-37   | 335  | 10,0 | 0,25 N-m  | 540  |
| 7601530 | <b>4550-10</b> | 1/2 | 10-100  | 8-75     | 395  | 7,5  | 0,5 N-m   | 900  |
| 7601610 | <b>4550-20</b> | 1/2 | 20-200  | 15-150   | 485  | 7,5  | 1 N-m     | 1100 |
| 7601880 | <b>4550-30</b> | 1/2 | 60-300  | 45-220   | 575  | 7,5  | 1 N-m     | 1400 |
| 7674330 | <b>4550-40</b> | 1/2 | 75-400  | 55-300   | 665  | 7,5  | 1 N-m     | 2000 |
| 7674760 | <b>4550-55</b> | 3/4 | 100-550 | 75-405   | 960  | 10,0 | 1 N-m     | 3800 |
| 1521365 | <b>4550-75</b> | 3/4 | 140-750 | 105-550  | 1240 | 10,0 | 1 N-m     | 4800 |
| 1950525 | <b>4551-85</b> | 3/4 | 250-850 | 185-630  | 1390 | 10,0 | 1 N-m     | 4700 |

#### 4549-G - 4550-G

##### TORQUE WRENCH SET TORCOFIX K 1-400 N-m / 0.75-300 lbf-ft

- The TORCOFIX K as a practical tool set
- Most-widely-used tools in a robust sheet-metal case
- Clearly organised - everything always ready to hand
- With foam-material inlay modules (on request, these can be customised or extended individually)

6.3 1/4"  
10 3/8"  
12.5 1/2"



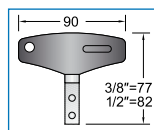
| Code    | No.             | □"  | Contents                                                                                   | N-m    | lbf-ft   | □mm |
|---------|-----------------|-----|--------------------------------------------------------------------------------------------|--------|----------|-----|
| 1546996 | <b>4549-G01</b> | 1/4 | No. 4549-01 - in sheet-metal case<br>□ 7 8 10 13 □ 55 mm<br>and □-spare square drive       | 1-5    | 0,75-3,7 | 3.0 |
| 1547003 | <b>4549-G02</b> | 1/4 | No. 4549-02 - in sheet-metal case<br>□ 7 8 10 13 □ 55 mm<br>and □-spare square drive       | 2-25   | 1,5-18   | 3.2 |
| 1547011 | <b>4549-G05</b> | 3/8 | No. 4549-05 - in sheet-metal case<br>□ 8 10 13 17 □ 125 mm<br>and □-spare square drive     | 5-50   | 3,5-37   | 3.5 |
| 1547038 | <b>4550-G10</b> | 1/2 | No. 4550-10 - in sheet-metal case<br>□ 10 13 17 19 24 □ 125 mm<br>and □-spare square drive | 10-100 | 8-75     | 4.3 |
| 1547046 | <b>4550-G20</b> | 1/2 | No. 4550-20 - in sheet-metal case<br>□ 10 13 17 19 24 □ 125 mm<br>and □-spare square drive | 20-200 | 15-150   | 5.5 |
| 1547062 | <b>4550-G30</b> | 1/2 | No. 4550-30 - in sheet-metal case<br>□ 17 19 24 27 □ 125 mm<br>and □-spare square drive    | 60-300 | 45-220   | 5.6 |
| 1547070 | <b>4550-G40</b> | 1/2 | No. 4550-40 - in sheet-metal case<br>□ 17 19 24 27 □ 125 mm<br>and □-spare square drive    | 75-400 | 55-300   | 6.0 |

#### 4550

##### QUICK-TURN WITH T-GRIP DREH-FIX TORCOFIX K

- For TORCOFIX K and ratchet head 8754-02
- Made from chrome-vanadium steel
- With T-grip made of polypropylene (PPN)
- With 3/8" or 1/2" square drive with ball locking device

10 3/8"  
12.5 1/2"



| Code    | No.            | □"  | □"  | □mm |
|---------|----------------|-----|-----|-----|
| 7604390 | <b>4550-80</b> | 1/2 | 1/2 | 100 |
| 7604470 | <b>4550-81</b> | 1/2 | 3/8 | 100 |

#### 4549 - 4550

##### MUSHROOM HEAD / SQUARE DRIVE TORCOFIX K

- Made from chrome-vanadium steel, zinc-plated
- With black mushroom head made of polypropylene (PPN) (4549-87/-88/-86/-85)
- With 1/4", 3/8" or 1/2" square drive with ball locking mechanism
- With 3/4" push through square with pin locking

6.3 1/4"  
10 3/8"  
12.5 1/2"



| Code    | No.             | □"  | □"  | □mm | □mm |
|---------|-----------------|-----|-----|-----|-----|
| 1545167 | <b>4549-87S</b> | 3/8 | 1/4 | 35  | 21  |
| 1566385 | <b>4549-88S</b> | 3/8 | 3/8 | 35  | 22  |
| 7079370 | <b>4550-85S</b> | 1/2 | 1/2 | 44  | 60  |
| 7079450 | <b>4550-86S</b> | 1/2 | 3/8 | 44  | 60  |
| 6279090 | <b>3294</b>     | 3/4 | 3/4 |     | 100 |

## TORCOFIX Z

#### 4400 - 4475

##### TORQUE WRENCH TORCOFIX Z 2-750 N-m / 1.5-550 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Dual scale N-m and lbf-ft under a window with a magnifying-glass effect
- Additional micrometer scale
- For controlled bi-directional tightening
- Factory depth gauges: 32 mm (16) or 56 mm (22)

16 22



| Code    | No.            | □  | N-m     | lbf-ft  | □mm      | □mm  |
|---------|----------------|----|---------|---------|----------|------|
| 1646168 | <b>4400-02</b> | 16 | 2-25    | 1,5-18  | 0,1 N-m  | 300  |
| 1646176 | <b>4405-05</b> | 16 | 5-50    | 3,5-37  | 0,25 N-m | 450  |
| 7097270 | <b>4410-01</b> | 16 | 10-100  | 8-75    | 0,5 N-m  | 600  |
| 7097350 | <b>4420-01</b> | 16 | 20-200  | 15-150  | 1 N-m    | 800  |
| 7097430 | <b>4430-01</b> | 16 | 60-300  | 45-220  | 1 N-m    | 1200 |
| 7094090 | <b>4440-01</b> | 16 | 75-400  | 55-300  | 1 N-m    | 1500 |
| 7501310 | <b>4450-01</b> | 22 | 100-550 | 75-400  | 1 N-m    | 3800 |
| 1521381 | <b>4475-01</b> | 22 | 140-750 | 105-550 | 1 N-m    | 4450 |



## 4400-G - 4440-G

### TORQUE WRENCH SET TORCOFIX Z 2-400 N-m / 1,5-300 lbf-ft

- The TORCOFIX Z as a practical tool set
- Most-widely-used tools in a robust sheet-metal case
- Clearly organised - everything always ready to hand
- With foam-material inlay modules (on request, these can be customised or extended individually)

16

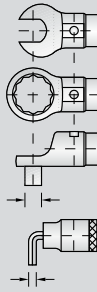


| Code    | No.             | Ø  | Contents                                                                      | N-m    | lbf-ft | ±%  |
|---------|-----------------|----|-------------------------------------------------------------------------------|--------|--------|-----|
| 1663259 | <b>4400-G02</b> | 16 | ≡ No. 4400-02 - in sheet-metal case<br>➤ 10 13 17  10 13 17 and  ratchet head | 2-25   | 1,5-18 | 3.0 |
| 1663267 | <b>4405-G05</b> | 16 | ≡ No. 4405-05 - in sheet-metal case<br>➤ 10 13 17  10 13 17 and  ratchet head | 5-50   | 3,5-37 | 3.3 |
| 1547186 | <b>4410-G01</b> | 16 | ≡ No. 4410-01 - in sheet-metal case<br>➤ 17 19 24  17 19 24 and  ratchet head | 10-100 | 8-75   | 4.3 |
| 1547194 | <b>4420-G01</b> | 16 | ≡ No. 4420-01 - in sheet-metal case<br>➤ 17 19 24  17 19 24 and  ratchet head | 20-200 | 15-150 | 5.6 |
| 1547208 | <b>4430-G01</b> | 16 | ≡ No. 4430-01 - in sheet-metal case<br>➤ 24 27 30 32  24 27 and  ratchet head | 60-300 | 45-220 | 6.3 |
| 1547216 | <b>4440-G01</b> | 16 | ≡ No. 4440-01 - in sheet-metal case<br>➤ 24 27 30 32  24 27 and  ratchet head | 75-400 | 55-300 | 6.6 |

## ACCESSORIES Z- SPANNER END FITTINGS

- Spanner end fittings with spigot ends are available in ring ends, open ends, TORX®, INBUS® and flare ends. Square-heads and ratchet-heads can be used with the appropriate sockets.

- You find these products up to from page 315



## TORCOFIX SE

### 4100 - 4301

#### TORQUE WRENCH TORCOFIX SE 2-400 N-m / 1.5-300 lbf-ft

- Working accuracy: +/- 3% tolerance of scale set torque
- Dual scale N-m and lbf-ft below a window with a magnifying-glass effect
- Additional micrometer scale
- For controlled bi-directional tightening
- Factory depth gauges: 17.5 mm (9x12) or 25 mm (14x18)

9x12

14x18



| Code    | No.            | □mm     | N-m    | lbf-ft | مقياس    | ±%   |
|---------|----------------|---------|--------|--------|----------|------|
| 1646192 | <b>4101-02</b> | 9 x 12  | 2-25   | 1,5-18 | 0,1 N-m  | 300  |
| 1646206 | <b>4101-05</b> | 9 x 12  | 5-50   | 3,5-37 | 0,25 N-m | 450  |
| 7600210 | <b>4100-01</b> | 9 x 12  | 10-100 | 8-75   | 0,5 N-m  | 600  |
| 1654934 | <b>4200-02</b> | 9 x 12  | 20-150 | 15-110 | 1 N-m    | 800  |
| 7600990 | <b>4201-01</b> | 14 x 18 | 20-200 | 15-150 | 1 N-m    | 900  |
| 7601020 | <b>4300-01</b> | 14 x 18 | 60-300 | 45-220 | 1 N-m    | 1200 |
| 7604120 | <b>4301-01</b> | 14 x 18 | 75-400 | 55-300 | 1 N-m    | 1600 |

### 4100-G - 4301-G

#### TORQUE WRENCH SET TORCOFIX SE 2-400 N-m / 1.5-300 lbf-ft

- The TORCOFIX SE as a practical tool set
- Most-widely-used tools in a robust sheet-metal case
- Clearly organised - everything always ready to hand
- With foam-material inlay modules (on request, these can be customised or extended individually)

9x12

14x18



| Code    | No.             | □mm     | Contents                                                                           | N-m    | lbf-ft | ±%  |
|---------|-----------------|---------|------------------------------------------------------------------------------------|--------|--------|-----|
| 1663224 | <b>4101-G02</b> | 9 x 12  | ≡ No. 4101-02 - in a sheet-metal case<br>➤ 10 13 17  10 13 17 and  ratchet head    | 2-25   | 1,5-18 | 3.0 |
| 1663232 | <b>4101-G05</b> | 9 x 12  | ≡ No. 4101-05 - in a sheet-metal case<br>➤ 10 13 17  10 13 17 and  ratchet head    | 5-50   | 3,5-37 | 3.3 |
| 1547100 | <b>4100-G01</b> | 9 x 12  | ≡ No. 4100-01 - in a sheet-metal case<br>➤ 13 17 19  13 17 19 and  ratchet head    | 10-100 | 8-75   | 3.8 |
| 1663240 | <b>4200-G02</b> | 9 x 12  | ≡ No. 4200-02 - in a sheet-metal case<br>➤ 13 17 19  13 17 19 and  ratchet head    | 20-150 | 15-110 | 5.5 |
| 1547127 | <b>4201-G01</b> | 14 x 18 | ≡ No. 4201-01 - in a sheet-metal case<br>➤ 17 19 24  17 19 24 and  ratchet head    | 20-200 | 15-150 | 6.2 |
| 1547135 | <b>4300-G01</b> | 14 x 18 | ≡ No. 4300-01 - in a sheet-metal case<br>➤ 24 30 32  24 30 32 36 and  ratchet head | 60-300 | 45-220 | 6.4 |
| 1547143 | <b>4301-G01</b> | 14 x 18 | ≡ No. 4301-01 - in a sheet-metal case<br>➤ 24 30 32  24 30 32 36 and  ratchet head | 75-400 | 55-300 | 6.6 |

## TORCOFIX FS

### 4150 - 4151

#### TORQUE WRENCH FOR PRE-SETTING TORCOFIX FS 2-200 N-m

- Working accuracy: +/- 3% tolerance of set torque
- Pre-set torque wrench - without scale
- The fixed setting can be performed at the factory or by the user on suitable torque testers. Factory depth gauges: 17.5 mm (9x12) or 25 mm (14x18)
- When ordering, please specify the N-m value - if a fixed factory-pre-setting is desired (price on request)
- Type II-B acc. to DIN EN ISO 6789

9x12

14x18



| Code    | No.            | □mm     | N-m      | mm/min | ±%  |
|---------|----------------|---------|----------|--------|-----|
| 7601960 | <b>4150-25</b> | 9 x 12  | 2 / 25   |        | 210 |
| 7602180 | <b>4150-50</b> | 9 x 12  | 5 / 50   |        | 270 |
| 7602850 | <b>4150-85</b> | 9 x 12  | 15 / 85  |        | 340 |
| 7603580 | <b>4151-20</b> | 14 x 18 | 20 / 200 |        | 750 |

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



## ACCESSORIES SE - RECTANGULAR SPANNER END FITTINGS

✓ Spanner end fittings with a rectangular end are available in ring ends, open ends, TORX®, INBUS® and flare ends. Square and ratchet-adaptor spanner end fittings can be used with the appropriate sockets, bit holders and commonly available bits. A weld-on end fitting enables you to create your own designs.

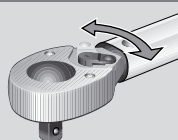
✓ You find these products up from page 318



## TORCOFIX UK

### Operation

✓ For the TORCOFIX UK: Switch the lever of the reversible ratchet to correspond with the desired direction, clockwise or counter-clockwise.



### 5550

#### TORQUE WRENCH TORCOFIX UK 20-300 N-m / 15-220 lbf-ft

- ✓ Working accuracy: +/- 3% tolerance of scale set torque
- ✓ Dual scale: N-m and lbf-ft, with magnified sight glass
- ✓ Integrated flip-reversible ratchet-head function
- ✓ For controlled clockwise tightening
- ✓ Sturdy, satin chrome-plated tubular steel design, with chrome-plated ratchet head and high-quality plastic parts



12.5

1/2



| Code    | No.            | □"  | N-m    | lbf-ft | مستطيل  | مستطيل | مستطيل |
|---------|----------------|-----|--------|--------|---------|--------|--------|
| 1210467 | <b>5550-10</b> | 1/2 | 20-100 | 15-75  | 0,5 N-m | 11,25  | 1000   |
| 1210475 | <b>5550-20</b> | 1/2 | 40-200 | 30-150 | 1 N-m   | 11,25  | 1200   |
| 1210483 | <b>5550-30</b> | 1/2 | 60-300 | 45-220 | 1 N-m   | 11,25  | 1400   |

## TORCOFIX K US

### 6550 - 6551

#### TORCOFIX K US 10 lbf-in - 600 lbf-ft / 1,1 - 810 N-m

- ✓ Anglo-American unit
- ✓ Adjustable torque wrench with square drive and integrated ratchet function
- ✓ For controlled bi-directional tightening
- ✓ 1/4", 3/8", 1/2" mushroom-head reversible square drive with ball locking device as per DIN 3120 - A 6.3, A 10 or A 12.5, ISO 1174
- ✓ 3/4" push-through square drive with pin locking device DIN 3120 - B 20, ISO 1174 (no. 6551-120)
- ✓ Working accuracy: +/- 3% tolerance of scale set torque
- ✓ Robust, silk-matt chrome-plated steel tube construction, with chrome-plated ratchet head and high-quality plastic parts
- ✓ Dual scale in lbf-in resp. lbf-ft and N-m underneath a window with a magnifying-glass effect

6.3

1/4

10

3/8

12.5

1/2

20

3/4



| Code    | No.            | □"  | lbf-in   | lbf-ft | مستطيل      | مستطيل | مستطيل |
|---------|----------------|-----|----------|--------|-------------|--------|--------|
| 1956744 | <b>6550-01</b> | 1/4 | 10-50    |        | 0,25 lbf-in |        | 300    |
| 1956752 | <b>6550-02</b> | 1/4 | 20-100   |        | 0,25 lbf-in |        | 300    |
| 1956779 | <b>6550-05</b> | 3/8 | 50-250   |        | 1,0 lbf-in  |        | 800    |
| 1956787 | <b>6550-15</b> | 3/8 | 150-1000 |        | 5,0 lbf-in  |        | 900    |

## TORQUE SCREWDRIVER TECHNICAL FEATURES

### Type FS 755

**Pre-set torque screwdriver without scale for durable and identical value tightening**

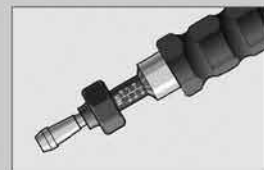
- ✓ Auto setting
- ✓ Bidirectional
- ✓ Anodised aluminium handgrip



### Type 756

**Adjustable torque screwdriver with micrometer scale**

- ✓ "Positive-lock"-system
- ✓ Drive type made of stainless steel
- ✓ Auto setting
- ✓ Bidirectional
- ✓ Non-slip rubber handgrip
- ✓ ESD = electrostatically protected



### Type S 757

**Adjustable torque screwdriver with micrometer scale**

- ✓ Auto setting
- ✓ Bidirectional
- ✓ Anodised aluminium handgrip
- ✓ ESD = electrostatically protected



### Type SP 758

**Dial-indicating torque screwdriver with dual scale**

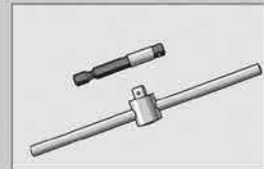
- ✓ Locking of maximum values / maximum value-display
- ✓ Bidirectional
- ✓ Anodised aluminium handgrip
- ✓ ESD = electrostatically protected



### Scope of delivery

**We supply a 1/4"-1/4"-drive adaptor with all models**

**To make work easier, a sliding or removable T-bar is included with several models**



### Special models

**Optionally, all torque screwdrivers are also available with a 1/4" male square drive spindle.**

**Apart from that: Torque screwdrivers for the medical "clean-room" area are available on request.**



Detailed information on products, promotions and trade fairs

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





# TORQUE SCREWDRIVERS 756

Compact and versatile screwdrivers with automatically actuating, dial-indicating and measuring torque.



## 755

### TORQUE SCREWDRIVER TYPE FS 0.02-13.6 N-m

- Working accuracy: +/- 6% tolerance of the selected torque
- Precision radial ball clutch and cam design for controlled bidirectional tightening
- The pre-setting can be made at the factory or by the user on suitable torque testers
- If a factory setting is required, please specify the N-m value on the order
- ESD = electrostatic discharge protection



| Code    | No.           | □"  | ■"  | cN-m   | N-m    | Colour | ±%  |
|---------|---------------|-----|-----|--------|--------|--------|-----|
| 1471481 | <b>755-01</b> | 1/4 | 1/4 | 2-22   |        | red    | 50  |
| 1471473 | <b>755-02</b> | 1/4 | 1/4 | 0,5-22 |        | gold   | 72  |
| 1471465 | <b>755-03</b> | 1/4 | 1/4 | 2-135  |        | blue   | 210 |
| 1471457 | <b>755-04</b> | 1/4 | 1/4 | 6-406  |        | green  | 280 |
| 1228501 | <b>755-05</b> | 1/4 | 1/4 |        | 1-13,6 | black  | 325 |

## 757

### TORQUE SCREWDRIVER TYPE S 0.2-9 N-m

- Working accuracy: +/- 6% tolerance of the selected torque
- Precision radial ball clutch and cam design for controlled bidirectional tightening
- Micrometer-scale graduation: 1 cN-m / 0.1 N-m
- Lightweight design with anodised aluminium handles
- ESD = electrostatic discharge protection



| Code    | No.           | □"  | ■"  | cN-m   | N-m | Colour | ±%  |
|---------|---------------|-----|-----|--------|-----|--------|-----|
| 7718050 | <b>757-01</b> | 1/4 | 1/4 | 20-120 |     | black  | 165 |
| 7718130 | <b>757-06</b> | 1/4 | 1/4 |        | 1-6 | red    | 400 |
| 7718210 | <b>757-09</b> | 1/4 | 1/4 |        | 4-9 | green  | 400 |

## 756

### TORQUE SCREWDRIVER TYPE S 0.05-9 N-m

- Working accuracy: +/- 6% tolerance of the selected torque
- Compact, lightweight and non-slip rubber handle
- Precision radial ball clutch and cam design for controlled bidirectional tightening
- Positive locking system prevents torque setting from slipping
- ESD = electrostatic discharge protection



| Code    | No.           | □"  | ■"  | cN-m   | N-m | Colour | ±%  |
|---------|---------------|-----|-----|--------|-----|--------|-----|
| 1498738 | <b>756-00</b> | 1/4 | 1/4 | 5-40   |     | silver | 124 |
| 1400150 | <b>756-01</b> | 1/4 | 1/4 | 20-120 |     | blue   | 165 |
| 1400169 | <b>756-06</b> | 1/4 | 1/4 |        | 1-6 | red    | 340 |
| 1400177 | <b>756-09</b> | 1/4 | 1/4 |        | 4-9 | green  | 340 |

## 758

### TORQUE SCREWDRIVER TYPE SP 10-500 cN-m / 14 ozf-in - 40 lbf-in

- Working accuracy +/- 6% tolerance of the indicated torque
- Dial-indicating torque and test screwdriver - with dual scale (cN-m/ozf-in/lbf-in)
- Lightweight design with anodised aluminium handles
- ESD = electrostatic discharge protection
- With bidirectional maximum indicator function



| Code    | No.           | □"  | ■"  | cN-m    | ozf-in / lbf-in | Colour | ±%  |
|---------|---------------|-----|-----|---------|-----------------|--------|-----|
| 7096380 | <b>758-05</b> | 1/4 | 1/4 | 10-50   | 14-70 ozf-in    | gold   | 190 |
| 7096460 | <b>758-10</b> | 1/4 | 1/4 | 20-100  | 28-140 ozf-in   | blue   | 190 |
| 7096540 | <b>758-25</b> | 1/4 | 1/4 | 50-250  | 4-20 lbf-in     | red    | 465 |
| 7096620 | <b>758-50</b> | 1/4 | 1/4 | 100-500 | 8-40 lbf-in     | green  | 465 |



## TORQUE WRENCHES TSN-TBN-TSP-TSC

759

### TORQUE WRENCH TSN SLIPPER 3-125 N-m

- For controlled clockwise tightening, counter-clockwise operation possible on request
- Working accuracy: +/- 4% tolerance of the selected torque
- Pre-set torque wrench - without scale
- The precision mechanism slips noticeably when the pre-set value is reached - completely eliminating the risk of over-tightening
- The pre-setting can be made at the factory or by the user on suitable torque testers
- If a factory setting is required, please specify the N-m value on the order

6.3 1/4"

10 3/8"

12.5 1/2"



| Code    | No.           | "   | N-m    | lb-ft |
|---------|---------------|-----|--------|-------|
| 7091900 | <b>759-00</b> | 1/4 | 3-25   | 340   |
| 7092040 | <b>759-01</b> | 3/8 | 3-25   | 340   |
| 7092120 | <b>759-02</b> | 3/8 | 15-55  | 800   |
| 7092200 | <b>759-03</b> | 1/2 | 40-125 | 1360  |

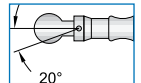
760

### BREAKING TORQUE WRENCH TBN 0.2-135 N-m / 1.8-1195 lbf-in

- Working accuracy: +/- 4% tolerance of the selected torque, No. 760-00/-01: +/- 6% tolerance
- Handle snaps over by 20° (90° possible on No. 760-00/-01) when selected torque is reached, reducing the likelihood of over-tightening
- The pre-setting can be made at the factory or by the user on suitable torque testers. Works calibration size: 17.5 mm or 32 mm
- If a factory setting is required, please specify the N-m value on the order

16

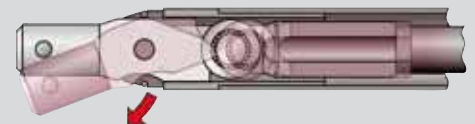
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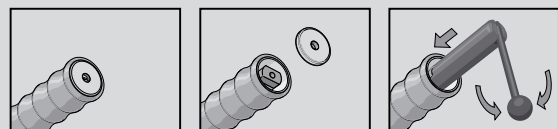
| Code    | No.           | Ø      | mm | N-m     | lbf-in   | lb-ft |
|---------|---------------|--------|----|---------|----------|-------|
| 7090690 | <b>760-00</b> | 9 x 12 |    | 0.2-2.0 | 1.8-18   | 110   |
| 7090770 | <b>760-01</b> | 9 x 12 |    | 1-10    | 9-89     | 130   |
| 1824686 | <b>760-30</b> | 16     |    | 5-25    | 44-221   | 405   |
| 1824694 | <b>760-35</b> | 9 x 12 |    | 5-25    | 44-221   | 405   |
| 1824708 | <b>760-40</b> | 16     |    | 10-65   | 89-575   | 745   |
| 1824716 | <b>760-45</b> | 9 x 12 |    | 10-65   | 89-575   | 745   |
| 1824724 | <b>760-50</b> | 16     |    | 20-135  | 177-1195 | 1027  |
| 7092630 | <b>760-11</b> | 9 x 12 |    | 20-135  | 177-1195 | 830   |

## TBN BREAKER WORKING PRINCIPLE

- When the TBN breaking torque wrench is operated, the rear section of the driver unit presses the roller. When the pre-set torque value is achieved, the lever switches over and the front section of the drive unit breaks.



## TSN SLIPPER AND TBN BREAKER TECHNICAL ATION

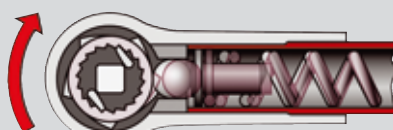


- All TSN Slippers and TBN Breaker torque wrenches (apart from 760-00/-01) are fitted with the patented "Mechanical Torque Adjustment Locking Device" to modify torque tester.



## TSN-SIPPER WORKING PRINCIPLE

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



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



761

**TORQUE WRENCH TSP SLIPPER 1-10 N-m / 10-90 lbf-in**

- Working accuracy: +/- 6% tolerance of the selected torque
- Pre-set torque wrench - without scale
- The precision mechanism slips noticeably when the pre-set value is reached - completely eliminating the risk of over-tightening
- ESD = electrostatic discharge protection
- The pre-setting can be made at the factory or by the user on suitable torque testers
- If a fixed factory setting is required, please specify the N-m value on the order

6.3

1/4"



| Code    | No.           | ■"  | N-m  | lbf-in | ↕   |
|---------|---------------|-----|------|--------|-----|
| 1196650 | <b>761-05</b> | 1/4 | 1-5  | 10-45  | 190 |
| 1196731 | <b>761-10</b> | 1/4 | 2-10 | 20-90  | 190 |

762

**TORQUE WRENCH TSC SLIPPER 1-10 N-m**

- Working accuracy: +/- 6% tolerance of the scale set torque
- Adjustable torque wrench - with scale
- The precision mechanism slips noticeably when the pre-set value is reached - completely eliminating the risk of over-tightening
- Automatic reset to start position
- ESD = electrostatic discharge protection

6.3

1/4"



| Code    | No.           | ■"  | N-m  | ↕   |
|---------|---------------|-----|------|-----|
| 1196480 | <b>762-05</b> | 1/4 | 1-5  | 235 |
| 1196510 | <b>762-10</b> | 1/4 | 2-10 | 235 |



Deviant packing units see article description.

763

**TORQUE WRENCH DREMOMETER T-FS pre-set, 1-14 N-m**

- Torque wrench series with 14 pre-set models
- Working accuracy in accordance with DIN EN ISO 6789 Type II Class E (+/- 6%)
- Lightweight high-grade aluminium casing
- Special ranges are available on request

6.3

1/4"



| Code    | No.           | ■"  | ■   | N-m | ↕   |
|---------|---------------|-----|-----|-----|-----|
| 1947907 | <b>763-01</b> | 1/4 | 6.3 | 1   | 241 |
| 1947915 | <b>763-02</b> | 1/4 | 6.3 | 2   | 241 |
| 1947923 | <b>763-03</b> | 1/4 | 6.3 | 3   | 241 |
| 1947931 | <b>763-04</b> | 1/4 | 6.3 | 4   | 241 |
| 1947958 | <b>763-05</b> | 1/4 | 6.3 | 5   | 241 |
| 1947966 | <b>763-06</b> | 1/4 | 6.3 | 6   | 241 |
| 1947974 | <b>763-07</b> | 1/4 | 6.3 | 7   | 241 |
| 1947990 | <b>763-08</b> | 1/4 | 6.3 | 8   | 241 |
| 1948008 | <b>763-09</b> | 1/4 | 6.3 | 9   | 241 |
| 1948016 | <b>763-10</b> | 1/4 | 6.3 | 10  | 241 |
| 1948024 | <b>763-11</b> | 1/4 | 6.3 | 11  | 241 |
| 1948032 | <b>763-12</b> | 1/4 | 6.3 | 12  | 241 |
| 1948040 | <b>763-13</b> | 1/4 | 6.3 | 13  | 241 |
| 1948059 | <b>763-14</b> | 1/4 | 6.3 | 14  | 241 |



**MARKING SYSTEM**

9000

**PLASTIC-TAG MARKING SYSTEM**

- Neutral coloured plastic ties with a 12x25 mm matt marking area
- Cable-tie length of 170 mm makes them suitable for use on tools of 15-45 mm section
- It is advisable to use a quality marker, e.g. STABILO OH Pen universal permanent (can be supplied on request - No. 9000-10)



| Code    | No.                                                                         | ↕   |
|---------|-----------------------------------------------------------------------------|-----|
| 1471570 | <b>9000-00</b><br>Pack of 10 plastic cable tags                             | 50  |
| 1471562 | <b>9000-10</b><br>Pack of 10 plastic cable tags with quality STABILO OH Pen | 150 |



# DIAL MEASURING TORQUE WRENCHES

Ideal for test, control and maintenance work



Type 83 0.8-2000 N-m



Type 8303-40 - 8305-20  
4 Models with audio-visual  
signal as standard



1 Clear product identification: Provided by the type plate/label. The article number and the serial number always ensure traceability in the scope of your test- and checking-tool management.



2 Audio-visual signal: Standard feature or else optionally: All models are available with an audio-visual signal for even clearer recognition of the achieved torque.



3 Practical handgrip: Handgrip shaped in accordance with the most recent ergonomic findings. Resistant to grease and oil.

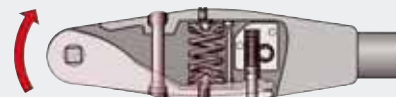
4 Solid tube: Light-metal tube with plastic sleeving.

5 Dual scale: N-m and lbf-in/lbf-ft with main and slave pointers, protected by a strong window made of Trogamid "T".



6 Integrated ratchet spindle: With double square drive enables high-speed bi-directional tightening. (Exception: models 8305-xx)

## FEATURES



The working principle of the dial measuring torque wrench type 83

## TORQUE WRENCH TYPE 83

### 8301 - 8305

#### TORQUE WRENCH TYPE 83 0.8-2000 N-m / 7 lbf-in - 1500 lbf-ft

- Working accuracy: +/- 4% tolerance of the indicated torque
- With integrated ratchet function for controlled bidirectional tightening (Exception: models 8305-xx)
- Integrated overload protection - mechanical stop up to max. 25% overload of the maximum value
- Models 8301-04 to 8301-40 are ESD rated = with electrostatic discharge protection
- Models 8303-40 to 8305-20 have an audio signal and visual indicator as standard

6.3 1/4  
10 3/8  
12.5 1/2  
20 3/4  
25 1"



| Code    | No.            | □"  | N-m      | lbf-in | lbf-ft   | Signal   | ⚡     |
|---------|----------------|-----|----------|--------|----------|----------|-------|
| 7651390 | <b>8301-04</b> | 1/4 | 0,8-4    | 7-35   |          | optional | 500   |
| 7651470 | <b>8301-12</b> | 1/4 | 2,4-12   | 21-105 |          | optional | 500   |
| 7651550 | <b>8301-25</b> | 3/8 | 5-25     | 44-220 |          | optional | 500   |
| 7651630 | <b>8301-40</b> | 3/8 | 8-40     | 72-360 |          | optional | 500   |
| 7651710 | <b>8302-08</b> | 1/2 | 16-80    |        | 12-60    | optional | 1350  |
| 7651980 | <b>8302-20</b> | 1/2 | 40-200   |        | 30-160   | optional | 1400  |
| 7652280 | <b>8303-40</b> | 3/4 | 80-400   |        | 60-300   | standard | 3150  |
| 7652010 | <b>8304-80</b> | 3/4 | 160-800  |        | 120-600  | standard | 4850  |
| 1196790 | <b>8305-14</b> | 1   | 280-1400 |        | 200-1000 | standard | 16690 |
| 1196804 | <b>8305-20</b> | 1   | 400-2000 |        | 300-1500 | standard | 16690 |

## TORQUE WRENCH TYPE 88

### 8800

#### TORQUE WRENCH TYPE 88 100-1500 N-m / 70-1000 lbf-ft

- Working accuracy: +/- 4% tolerance of the indicated torque
- Breaker mechanism (handle snaps over) is seen and felt when selected torque is reached, reducing the likelihood of over-tightening
- Dual scale in N-m and lbf-ft
- 3/4" square drive with integrated ratchet function or 22 mm spigot-end

20  
3/4  
22



| Code    | No.            | Ø  | □"  | N-m      | lbf-ft   | ⚡    |
|---------|----------------|----|-----|----------|----------|------|
| 7715700 | <b>8800-01</b> |    | 3/4 | 100-500  | 70-350   | 5.5  |
| 7715890 | <b>8800-02</b> |    | 3/4 | 150-700  | 100-500  | 6.0  |
| 7716000 | <b>8800-03</b> |    | 3/4 | 300-1000 | 200-750  | 7.3  |
| 7716190 | <b>8800-04</b> |    | 3/4 | 700-1500 | 500-1000 | 10.5 |
| 7716270 | <b>8800-06</b> | 22 |     | 130-550  | 100-400  | 4.9  |



# DREMOPUS Hand torque multipliers. Effortlessly achieve supreme torque values in a very small space.



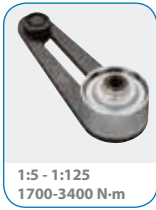
1:22  
1000 N-m



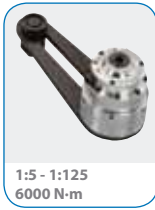
1:5 - 1:26  
1300-4500 N-m



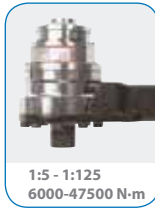
1:5  
1300-2700 N-m



1:5 - 1:125  
1700-3400 N-m



1:5 - 1:125  
6000 N-m



1:5 - 1:125  
6000-47500 N-m



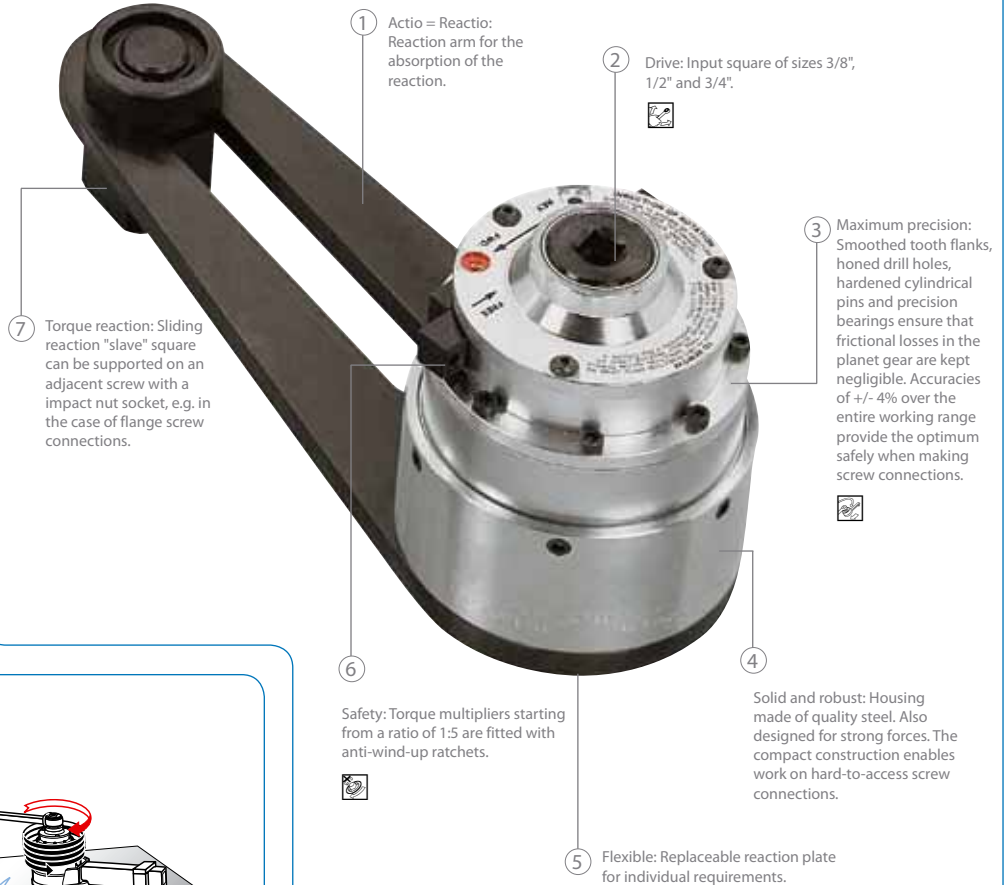
1:5 - 1:25  
1000-1500 N-m



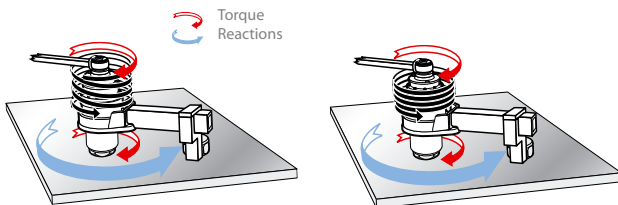
1:5 - 1:125  
2700-6000 N-m

## ADVANTAGES OF A TORQUE MULTIPLIER

- Avoidance of long levers - meaning that you work more safely
- Greater accuracy because the torque is applied slowly
- The specified ratio is the true torque multiplication factor
- You can manage without correction charts for determining the output torque
- Models having an anti-wind-up ratchet enable you to work more safely
- For high-precision torque control, electronic torque transducers are available for all models.

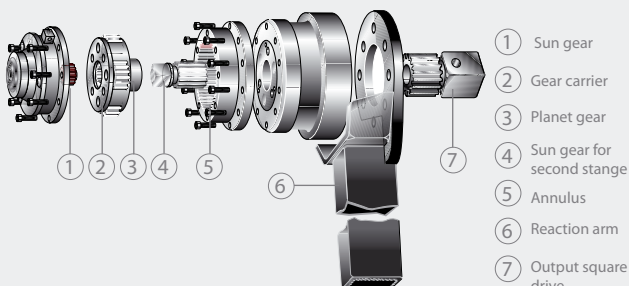


## SAFELY OPERABLE

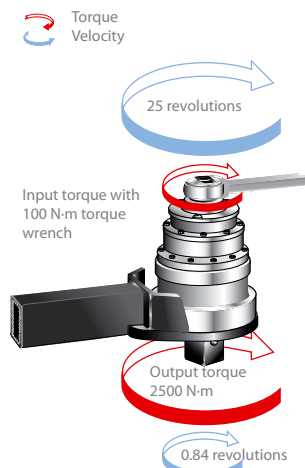


**Important remark on safety: When used upside down, an additional support is strongly recommended. If the screw connection breaks or the torque multiplier releases its torsion wind-up forces, the device could fall out on the user.**

## GEARBOX ELEMENTS



## WORKING PRINCIPLE



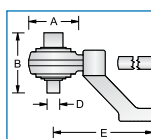
The representation shown in the chart is intended for elucidating the principle of torque multiplication. Let us assume an input torque of 100 N-m and an output torque of 2500 N-m. In the case of a ratio of e.g. 1:25, 25 revolutions are required on the input in order to achieve approx. 1 revolution with a torque of 2,500 N-m on the output. This is substantiated in terms of the physical formula:  
Power = torque x velocity (r.p.m.)

Because we must regard the input and output powers as constant, the multiplication of the torque can only be accomplished through an increased number of revolutions at the input. a torque wrench with a ratchet head function makes it easier for the user to quickly obtain the necessary rotary speeds.



**8600**
**UNIVERSAL TORQUE MULTIPLIER DREMOPLUS 1300-2700 N-m / 960-2000 lbf-ft**

- ✓ Guaranteed accuracy: Better than +/- 4% tolerance
- ✓ For operation in combination with a torque wrench
- ✓ With single-stage precision planet gear
- ✓ Multiplication at the ratio of 1:5 effective
- ✓ With 2 reaction devices

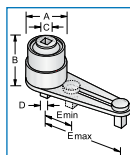


| Code    | No.                                        |      |
|---------|--------------------------------------------|------|
| 1193554 | <b>8600-01</b>                             | 1050 |
|         | Reaction bar for no. 8600 and 8608-01/-02  |      |
| 7622370 | <b>8600-02</b>                             | 120  |
|         | Spare square drive for no. 8600-10/-11     |      |
| 1193562 | <b>8600-03</b>                             | 1400 |
|         | Reaction foot for no. 8600 and 8608-01/-02 |      |
| 1501593 | <b>8600-98</b>                             | 944  |
|         | Black case, empty - for no. 8600-20        |      |
| 7622450 | <b>8600-99</b>                             | 944  |
|         | Red case, empty - for no. 8600-10/-11      |      |

| Code    | No.                                                                                                         |  max.<br>N-m-Output |  max.<br>lbfft-Output |  |  ° C |  ° D | A   | B   | E <sub>min</sub> | E <sub>max</sub> |  max.<br>N-m-Input |  max.<br>lbfft-Input |     |
|---------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|-----|------------------|------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----|
| 7715110 | <b>8600-11</b><br><b>8600-02</b>                                                                            | 1300                                                                                                 | 960                                                                                                    | 1:5                                                                               | 1/2                                                                                   | 3/4                                                                                   | 108 | 126 | 210              | 340              | 4.2                                                                                                 | 260                                                                                                   | 192 |
| 7715030 | <b>8600-10</b><br><b>8600-11</b><br><b>8600-01</b><br><b>8600-02</b><br><b>8600-03</b><br><b>K 32 27 32</b> | 1300                                                                                                 | 960                                                                                                    | 1:5                                                                               | 1/2                                                                                   | 3/4                                                                                   | 108 | 126 | 210              | 340              | 6.9                                                                                                 | 260                                                                                                   | 192 |
| 7692150 | <b>8600-20</b><br><b>8600-20</b><br><b>8600-01</b><br><b>8600-03</b>                                        | 2700                                                                                                 | 2000                                                                                                   | 1:5                                                                               | 3/4                                                                                   | 1                                                                                     | 108 | 128 | 210              | 340              | 4.3                                                                                                 | 540                                                                                                   | 400 |

**8601 - 8607**
**TORQUE MULTIPLIER DREMOPLUS 1700-47500 N-m / 1250-35000 lbf-ft**

- ✓ Guaranteed accuracy: Better than +/- 4% tolerance
- ✓ For use in conjunction with a torque wrench
- ✓ Model-dependent reaction plate/reaction arm
- ✓ Torque multiplication ratios: 5:1, 25:1 or 125:1
- ✓ Models with a torque multiplication ratio of 25:1 and above with anti-wind-up ratchet (AWUR)



| Code    | No.               |  max.<br>N-m-Output |  max.<br>lbf-ft-Output |  |  ° C |  ° D | A   | B   | E <sub>min</sub> | E <sub>max</sub> |  max.<br>N-m-Input |  max.<br>lbf-ft-Input |     |
|---------|-------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----|-----|------------------|------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----|
| 7701240 | <b>8601-11</b>    | 1700                                                                                                   | 1250                                                                                                      | 1:5                                                                                 | 3/4                                                                                     | 1                                                                                       | 108 | 126 | 83               | 217              | 4.8                                                                                                   | 340                                                                                                      | 250 |
| 7703450 | <b>8601-13 RS</b> | 1700                                                                                                   | 1250                                                                                                      | 1:25                                                                                | 1/2                                                                                     | 1                                                                                       | 108 | 156 | 83               | 217              | 6.5                                                                                                   | 68                                                                                                       | 50  |
| 7701400 | <b>8602-21</b>    | 2700                                                                                                   | 2000                                                                                                      | 1:5                                                                                 | 3/4                                                                                     | 1                                                                                       | 119 | 143 | 86               | 264              | 7.2                                                                                                   | 540                                                                                                      | 400 |
| 7703290 | <b>8602-23 RS</b> | 2700                                                                                                   | 2000                                                                                                      | 1:25                                                                                | 1/2                                                                                     | 1                                                                                       | 119 | 187 | 86               | 264              | 10.0                                                                                                  | 108                                                                                                      | 80  |
| 7701670 | <b>8603-31</b>    | 3400                                                                                                   | 2500                                                                                                      | 1:5                                                                                 | 3/4                                                                                     | 1.1/2                                                                                   | 119 | 149 | 86               | 264              | 8.7                                                                                                   | 680                                                                                                      | 500 |
| 7704420 | <b>8603-34 RS</b> | 3400                                                                                                   | 2500                                                                                                      | 1:25                                                                                | 1/2                                                                                     | 1.1/2                                                                                   | 119 | 195 | 86               | 264              | 10.5                                                                                                  | 136                                                                                                      | 100 |
| 7704500 | <b>8603-35 RS</b> | 3400                                                                                                   | 2500                                                                                                      | 1:125                                                                               | 1/2                                                                                     | 1.1/2                                                                                   | 119 | 220 | 86               | 264              | 11.5                                                                                                  | 27                                                                                                       | 20  |
| 7701910 | <b>8604-44</b>    | 6000                                                                                                   | 4500                                                                                                      | 1:5                                                                                 | 3/4                                                                                     | 1.1/2                                                                                   | 144 | 165 | 146              | 333              | 13.6                                                                                                  | 1200                                                                                                     | 900 |
| 7702050 | <b>8604-45 RS</b> | 6000                                                                                                   | 4500                                                                                                      | 1:25                                                                                | 1/2                                                                                     | 1.1/2                                                                                   | 144 | 226 | 146              | 333              | 16.5                                                                                                  | 240                                                                                                      | 180 |
| 7702130 | <b>8604-46 RS</b> | 6000                                                                                                   | 4500                                                                                                      | 1:125                                                                               | 1/2                                                                                     | 1.1/2                                                                                   | 144 | 234 | 146              | 333              | 18.0                                                                                                  | 48                                                                                                       | 36  |
| 7702640 | <b>8605-53 RS</b> | 20000                                                                                                  | 14700                                                                                                     | 1:125                                                                               | 1/2                                                                                     | 2.1/2                                                                                   | 212 | 307 |                  | 500              | 40.4                                                                                                  | 160                                                                                                      | 118 |
| 7702210 | <b>8605-62 RS</b> | 9500                                                                                                   | 7000                                                                                                      | 1:25                                                                                | 3/4                                                                                     | 1.1/2                                                                                   | 184 | 209 | 171              | 351              | 21.0                                                                                                  | 380                                                                                                      | 280 |
| 7702480 | <b>8605-63 RS</b> | 9500                                                                                                   | 7000                                                                                                      | 1:125                                                                               | 1/2                                                                                     | 1.1/2                                                                                   | 184 | 234 | 171              | 351              | 27.0                                                                                                  | 76                                                                                                       | 56  |
| 7702720 | <b>8607-73 RS</b> | 47500                                                                                                  | 35000                                                                                                     | 1:125                                                                               | 3/4                                                                                     | 2.1/2                                                                                   | 315 | 366 |                  |                  | 94.8                                                                                                  | 380                                                                                                      | 280 |


**8608**
**TORQUE MULTIPLIER DREMOPLUS 1300-4500 N-m / 960-3300 lbf-ft**

- Guaranteed accuracy: better than +/- 4% tolerance
- For use in conjunction with a torque wrench
- Torque multiplication ratios: 5:1, 15.5:1 or 26:1
- Model-dependent reaction arm
- Models 8608-03/-04 with anti-wind-up ratchet (AWUR) and angular disc for additional angular tightening

| Code    | No.                                                          | ↻    |
|---------|--------------------------------------------------------------|------|
| 1193554 | <b>8600-01</b><br>Reaction bar for no. 8600 and 8608-01/-02  | 1050 |
| 1193562 | <b>8600-03</b><br>Reaction foot for no. 8600 and 8608-01/-02 | 1400 |
| 1471643 | <b>8608-90</b><br>Plastic case, empty for 8608-01/-02        | 1000 |
| 1471619 | <b>8608-91</b><br>Plastic case, empty for 8608-03/-04        | 1400 |
| 1526359 | <b>8608-92</b><br>Spare square drive 3/4" for 8608-01        | 106  |
| 1526367 | <b>8608-93</b><br>Spare square drive 1" for 8608-02          | 890  |
| 1526383 | <b>8608-94</b><br>Spare square drive 1" for 8608-03          | 249  |
| 1526391 | <b>8608-95</b><br>Spare square drive 1" for 8608-04          | 250  |
| 1526405 | <b>8608-96</b><br>Reaction bar for 8608-03/-04               | 1830 |



| Code    | No.               | ↻ max.<br>N-m-Output | ↻ max.<br>lbf-ft-Output | ••     | □ °C | ■ °D | A   | B   | E   | ↻   | ↻ max.<br>N-m-Input | ↻ max.<br>lbf-ft-Input |
|---------|-------------------|----------------------|-------------------------|--------|------|------|-----|-----|-----|-----|---------------------|------------------------|
| 1471678 | <b>8608-01</b>    | 1300                 | 960                     | 1:5    | 1/2  | 3/4  | 108 | 126 | 210 | 4.2 | 260                 | 192                    |
| 1471651 | <b>8608-02</b>    | 2700                 | 2000                    | 1:5    | 3/4  | 1    | 108 | 128 | 210 | 4.3 | 540                 | 400                    |
| 1471635 | <b>8608-03 RS</b> | 3000                 | 2200                    | 1:15.5 | 1/2  | 1    | 108 | 156 | 450 | 8.0 | 193                 | 142                    |
| 1471627 | <b>8608-04 RS</b> | 4500                 | 3300                    | 1:26   | 1/2  | 1    | 108 | 173 | 450 | 8.9 | 173                 | 127                    |

**8613**
**MINI TORQUE MULTIPLIER DREMOPLUS max. 1000 N-m / 738 lbf-ft**

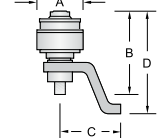
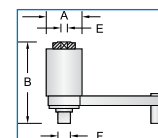
- Guaranteed accuracy: better than +/- 4% tolerance
- Torque multiplication ratio: 22:1
- For use in conjunction with a torque wrench
- With reaction arm
- RS = with anti-wind-up ratchet (AWUR)

| Code    | No.               | ↻ max.<br>N-m-Output | ↻ max.<br>lbf-ft-Output | ••   | □ °E | ■ °F | ↻   | ↻ max.<br>N-m-Input | ↻ max.<br>lbf-ft-Input |
|---------|-------------------|----------------------|-------------------------|------|------|------|-----|---------------------|------------------------|
| 1820044 | <b>8613-01</b>    | 1000                 | 738                     | 1:22 | 3/8  | 3/4  | 2.3 | 45                  | 34                     |
| 1820052 | <b>8613-02</b>    | 1000                 | 738                     | 1:22 | 1/2  | 3/4  | 2.3 | 45                  | 34                     |
| 1824597 | <b>8613-03 RS</b> | 1000                 | 738                     | 1:22 | 3/8  | 3/4  | 2.5 | 45                  | 34                     |
| 1824600 | <b>8613-04 RS</b> | 1000                 | 738                     | 1:22 | 1/2  | 3/4  | 2.5 | 45                  | 34                     |


**8615 - 8660**
**TORQUE MULTIPLIER DREMOPLUS COMPACT 1000-6000 N-m / 750-4400 lbf-ft**

- Guaranteed accuracy: better than +/- 4% tolerance
- For use in conjunction with a torque wrench
- Torque multiplication ratios: 5:1, 15:1, 25:1, 75:1 or 125:1
- Models with a torque multiplication ratio of 15:1 and above with anti-wind-up ratchet (AWUR)
- Model-dependent reaction plate/reaction arm, alternative reaction devices on request

| Code    | No.                                                | ↻    |
|---------|----------------------------------------------------|------|
| 1545175 | <b>8615-96</b><br>Reaction plate short for 8615    | 900  |
| 1545183 | <b>8615-97</b><br>Reaction plate straight for 8615 | 2550 |
| 1545191 | <b>8630-96</b><br>Cranked reaction arm for 8630    | 2000 |
| 1545205 | <b>8630-97</b><br>Reaction plate straight for 8630 | 2470 |
| 1545213 | <b>8660-96</b><br>Cranked reaction arm for 8660    | 4150 |
| 1545221 | <b>8660-97</b><br>Reaction plate straight for 8660 | 2470 |



| Code    | No.               | ↻ max.<br>N-m-Output | ↻ max.<br>lbf-ft-Output | ••    | □ °E | ■ °F  | A   | B   | ↻    | ↻ max.<br>N-m-Input | ↻ max.<br>lbf-ft-Input |
|---------|-------------------|----------------------|-------------------------|-------|------|-------|-----|-----|------|---------------------|------------------------|
| 7697620 | <b>8615-01</b>    | 1000                 | 750                     | 1:5   | 1/2  | 3/4   | 72  | 144 | 4.8  | 200                 | 150                    |
| 7697700 | <b>8615-02</b>    | 1000                 | 750                     | 1:5   | 3/4  | 3/4   | 72  | 144 | 4.8  | 200                 | 150                    |
| 7697890 | <b>8615-03 RS</b> | 1000                 | 750                     | 1:25  | 1/2  | 3/4   | 72  | 166 | 5.8  | 40                  | 30                     |
| 7699670 | <b>8615-04</b>    | 1500                 | 1100                    | 1:5   | 1/2  | 1     | 72  | 144 | 4.8  | 300                 | 220                    |
| 7699750 | <b>8615-05</b>    | 1500                 | 1100                    | 1:5   | 3/4  | 1     | 72  | 144 | 4.8  | 300                 | 220                    |
| 7699830 | <b>8615-06 RS</b> | 1500                 | 1100                    | 1:25  | 1/2  | 1     | 72  | 166 | 5.8  | 60                  | 44                     |
| 7699910 | <b>8630-01 RS</b> | 2700                 | 2000                    | 1:5   | 3/4  | 1     | 108 | 196 | 8.0  | 540                 | 400                    |
| 7681030 | <b>8630-02 RS</b> | 2700                 | 2000                    | 1:15  | 1/2  | 1     | 108 | 224 | 9.0  | 180                 | 133                    |
| 7681110 | <b>8630-03 RS</b> | 2700                 | 2000                    | 1:25  | 1/2  | 1     | 108 | 224 | 9.0  | 108                 | 80                     |
| 7683080 | <b>8660-01 RS</b> | 6000                 | 4400                    | 1:25  | 1/2  | 1.1/2 | 119 | 271 | 15.0 | 240                 | 176                    |
| 7684800 | <b>8660-02 RS</b> | 6000                 | 4400                    | 1:75  | 1/2  | 1.1/2 | 119 | 301 | 16.5 | 80                  | 59                     |
| 7685020 | <b>8660-03 RS</b> | 6000                 | 4400                    | 1:125 | 1/2  | 1.1/2 | 119 | 301 | 16.5 | 48                  | 35                     |

# TORCOTRONIC II

Extremely simple to operate on account of the 3 multifunction keys



## 8455

### ELECTRONIC TORQUE WRENCH TORCOTRONIC II 10-350 N-m / 7,4-258,2 lbf-ft

- Microprocessor-controlled, electronic torque wrench
- For controlled bi-directional tightening
- Robust industrial design
- High measurement accuracy: +/- 1% tolerance for all read-off values, +/- 1 digit
- With 1/2" reversible ratchet. The ratchet is exchangeable, providing the option of using a 9x12 mm (8455-120) or 14x18 mm (8455-350) rectangular cavity
- Large illuminated graphic LCD display
- Easy operation with 3 multifunction buttons
- Serial interface RS232
- Incl. PC Software

12,5

1/2"

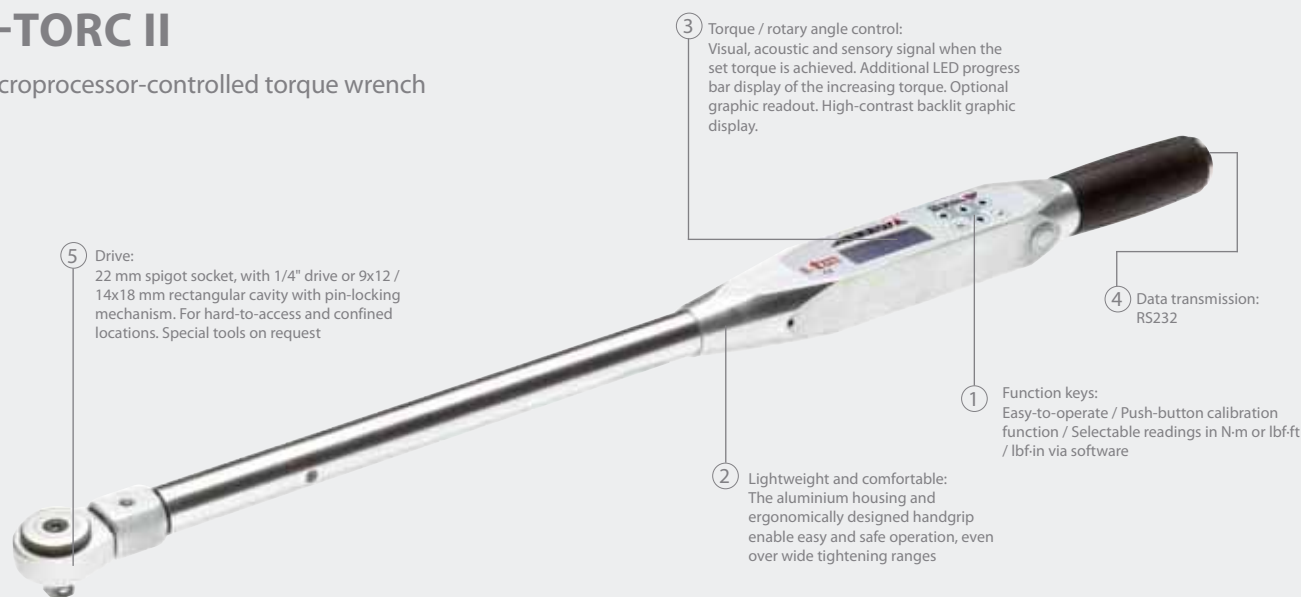
**Attention:** a PC, running a Windows® operating system (from Windows 2000\*) is required to obtain the full benefit of all the functions of this product



| Code    | No.             | ■"  | ■    | □mm     | N-m    | lbf-ft     | □   |
|---------|-----------------|-----|------|---------|--------|------------|-----|
| 1932136 | <b>8455-120</b> | 1/2 | 12,5 | 9 x 12  | 10-120 | 7,4-88,5   | 0.9 |
| 1932144 | <b>8455-350</b> | 1/2 | 12,5 | 14 x 18 | 70-350 | 51,6-258,2 | 1.3 |

# E-TORC II

Microprocessor-controlled torque wrench



Manufacture, Sales Department & Service  
 Richard Abr. Herder KG · Rathausstr. 22 · 42659 Solingen · GERMANY  
 Telefon: +49 (0) 212 888-0 · Telefax: +49 (0) 212 888-100 · rahsol-solutions@gedore.de



# ELECTRONIC TORQUE TESTER DREMOTEST E

8612

## ELECTRONIC TORQUE TESTER DREMOTEST E 0,9-1100 N-m / 0,7 - 811 lbf-ft

- For verifying and setting clockwise torque wrenches in the range from 0.9-1100 N-m
- Simple, electronic torque tester with integrated torque transducer (DMS)
- With fixed hexagon female drive, 10, 17, 36 mm (model dependent)
- With 1/4", 3/8", 1/2" and 3/4" square drive adaptor (model dependent)
- High measurement accuracy: +/- 1% tolerance of reading, +/- 1 digit
- Break-Point-measurement (1st peak)
- Can be switched from N-m to lbf-ft
- Serial interface RS232
- Optionally available: adaptor for cigarette lighter socket (12 V), no. 8612-390

1/4"  
6.3  
3/8"  
10  
1/2"  
12.5  
3/4"  
20



| Code    | No.              | Ø  | N-m     | lbf-ft   | Adaptor    | Weight |
|---------|------------------|----|---------|----------|------------|--------|
| 1947699 | <b>8612-050</b>  | 10 | 0,9-55  | 0,7-40,6 | 1/4", 3/8" | 3.0    |
| 1856111 | <b>8612-300</b>  | 17 | 9-320   | 7-236    | 3/8", 1/2" | 3.0    |
| 1947702 | <b>8612-1000</b> | 36 | 90-1100 | 66-811   | 1/2", 3/4" | 10.0   |
| 1878719 | <b>8612-390</b>  |    |         |          |            | 0.2    |

# ELECTRONIC TORSIONS TORQUE TESTER E-TP

The smart electronic torque tester series with the new torsion metrology 0.5-3150 N-m

The smart and modular system of the E-tp which is made possible by keeping separate the measuring and display instrument, convinces and offers the user an ideal measuring environment in any kind of operation. Depending on use, the display unit can easily be taken out and placed in another position, to enable the user to always have the display in optimal view.

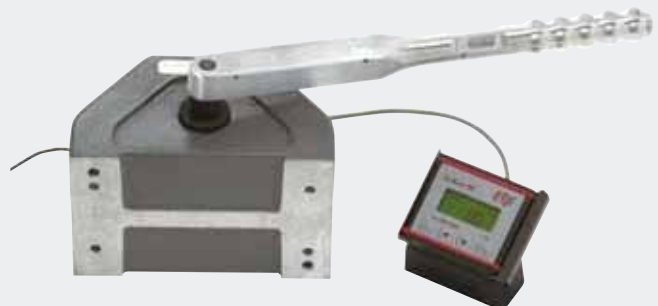
### Your advantage:

In all applications the operating display is always in the direct field of vision and near to the operator. With the new E-tp you can avoid complicated and impractical measuring operations caused by a bad visibility of the display from a distance which is often the case at standard torque testers with a fixed display.

The E-tp tester enables a precise and comfortable operation, verifying and calibrating of all clockwise and anti-clockwise torque wrenches in the range of 0.5-3150 N-m. The torsion metrology, located in the robust aluminium housing, allows the user a horizontal as well as a vertical torque operation complying with standards (DIN EN ISO 6789).

### Your advantage:

With one E-tp torque tester only, bi-directional torque wrenches can be tested and calibrated in the horizontal or vertical plane.



Manufacture, Sales Department & Service: Richard Abr. Herder KG · Rathausstr. 22 · 42659 Solingen · GERMANY  
Telefon: +49 (0) 212 888-0 · Telefax: +49 (0) 212 888-100 · rahsol-solutions@gedore.de

## TORQUE CALIBRATION ANALYSER

**8612**

**TORQUE CALIBRATION ANALYSER DREMOTEST 0-25 N-m / 0-220 lbf-in**

- Guaranteed measuring accuracy: +/- 2% of read-out in the core range of 20 - 100 % of the scale
- Dual scale in cN-m and ozf-in or N-m and lbf-in
- Model no. 8612-700 suitable for clockwise and counter-clockwise calibration; all other models for clockwise tightening
- For testing and setting clockwise torque wrenches and screwdrivers in the lower torque range of 0 - 25 N-m



| Code    | No.             | •"  | Scale cN-m / N-m | Scale ozf-in / lbf-in | Adaptor | •"  |
|---------|-----------------|-----|------------------|-----------------------|---------|-----|
| 1824619 | <b>8612-700</b> | 1/4 | 0-10 cN-m        | 0-14 ozf-in           |         | 1.0 |
| 1824627 | <b>8612-710</b> |     | 7-35 cN-m        | 10-50 ozf-in          |         | 1.7 |
| 1824635 | <b>8612-720</b> |     | 26-130 cN-m      | 36-180 ozf-in         |         | 1.7 |
| 1824643 | <b>8612-730</b> |     | 0,8-4,0 N-m      | 7-36 lbf-in           |         | 1.7 |
| 1824651 | <b>8612-740</b> |     | 2,4-12 N-m       | 24-120 lbf-in         |         | 1.7 |
| 1824678 | <b>8612-750</b> |     | 5-25 N-m         | 44-220 lbf-in         |         | 1.8 |

### Accessories Sockets

For GEDORE sockets from 1/4" to 1" see page 96



### Accessories Impact sockets

Where very high forces are the case, we strongly recommend the use of impact sockets. You find these products at GEDORE up from page 137



## EMPTY STANDARD PACKAGING

**PLASTIC CASSETTES EMPTY FOR DREMOMETER MINI + AM**

- Standard packaging for torque wrench sets DREMOMETER MINI and AM
- Robust and durable, ideal for storage and transport
- (III. similar)



| Code    | No.                                          | •"  | •" |
|---------|----------------------------------------------|-----|----|
| 1986805 | <b>753-88</b>                                |     |    |
|         | Plastic cassette + foam inlay for DREMO MINI | 296 |    |
| 7620910 | <b>8554-99</b>                               |     |    |
|         | Plastic cassette + foam inlay for DREMO AM   | 310 |    |

**SHEET METAL CASE EMPTY FOR DREMOMETER A-F, W**

- Standard packaging for sets of the torque wrench sets DREMOMETER A-F, W
- Robust and durable, ideal for storage and transport
- With integrated metal dividers or pockets for the accessories



| Code    | No.                              | •"    |
|---------|----------------------------------|-------|
| 3064360 | <b>8261-90</b>                   | 140   |
|         | Sheet metal case for DREMO BW    |       |
| 7621050 | <b>8560-90</b>                   | 1200  |
|         | Sheet metal case for DREMO A     |       |
| 7621130 | <b>8561-90</b>                   | 1698  |
|         | Sheet metal case for DREMO B     |       |
| 7621210 | <b>8562-90</b>                   | 1950  |
|         | Sheet metal case for DREMO BC/C  |       |
| 7621800 | <b>8570-90</b>                   | 3224  |
|         | Sheet metal case for DREMO CD    |       |
| 7621480 | <b>8563-90</b>                   | 3713  |
|         | Sheet metal case for DREMO D/DS  |       |
| 7622100 | <b>8571-90</b>                   | 3656  |
|         | Sheet metal case for DREMO DR/DX |       |
| 7621560 | <b>8564-90</b>                   | 10300 |
|         | Sheet metal case for DREMO E     |       |
| 1742876 | <b>8572-90</b>                   | 6400  |
|         | Sheet metal case for DREMO F     |       |



## TORCOFIX MODULE SYSTEMS

### FLEXIBILITY WITH FLAIR

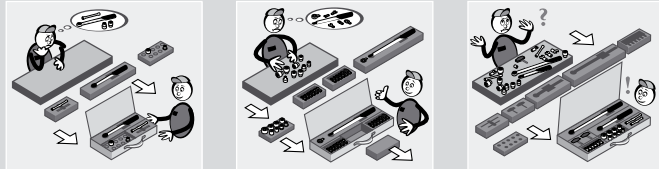
- ✓ The R. A. Herder KG module system adapts itself exactly to your wishes and requirements. At last, you can assemble your sets completely individually. Exactly and only using the tools you actually need. For every need, our system provides you with the perfect solution. Whether you chose a standard or an individual solution, your TORCOFIX torque wrenches with or without accessories, are always stored and transported professionally by virtue of the new modular system design. Your set is flexibly alterable and extendible at all times. Just replace or add modules. The modules themselves are delivered with dummy plugs. Simply remove the plugs from the nest-holes you wish to load with your tools or accessory units. The remaining nest-holes remain closed - that's what we call neat.

#### And this is how it is done:

- ✓ Just select the appropriate empty modules with the desired or already available tools and pick put a suitable case. Where necessary, fill with fill-in pieces (no. 1400-00) because the case must always be fully loaded.

#### Or else, even easier:

- ✓ You tell us which tools you would like to combine into a set and we will then take care of the rest and you will get your desired set without delay. Finished and ready!



### MODULES EMPTY

- ✓ Flexible and individual - usable in combination with the 1001/1003-90 metal cases (modular system)
- ✓ Solid and robust foam rubber inserts
- ✓ For TORCOFIX K, SE, UK, Z torque wrench series
- ✓ Flexible modular system allowing individual assembly of tool sets
- ✓ Available in 3 sizes and 16 different designs (see table)



| Code    | No.                                                                                | Number of nest-holes          | L   | W  | H  | Weight |
|---------|------------------------------------------------------------------------------------|-------------------------------|-----|----|----|--------|
| 1582747 | <b>1005-00</b><br>Module only - for TORCOFIX 4549                                  | for 1 wrench + 5 parts        | 540 | 90 | 70 | 100    |
| 1233378 | <b>1010-00</b><br>Module only - for TORCOFIX up to 100 N-m                         | for 1 wrench + 1 ratchet head | 540 | 90 | 70 | 100    |
| 1233394 | <b>1020-00</b><br>Module only - for TORCOFIX up to 400 N-m                         | for 1 wrench + 1 ratchet head | 810 | 90 | 70 | 160    |
| 1582755 | <b>1105-00</b><br>Module only - for 1/4" sockets                                   | for 13 parts                  | 270 | 90 | 40 | 100    |
| 1582763 | <b>1106-00</b><br>Module only - for 1/4" screwdriver bit sockets                   | for 16 parts                  | 270 | 90 | 40 | 100    |
| 1233432 | <b>1110-00</b><br>Module only - for 3/8" sockets and INBUS type end fittings       | for 6 parts + 5 parts         | 270 | 90 | 40 | 30     |
| 1233424 | <b>1120-00</b><br>Module only small - for 1/2" sockets                             | for 11 parts                  | 270 | 90 | 40 | 30     |
| 1233408 | <b>1130-00</b><br>Module only large - for 1/2" sockets                             | for 9 parts                   | 270 | 90 | 40 | 28     |
| 1233467 | <b>1140-00</b><br>Module only - for 3/8" and 1/2" extensions                       | for 2 parts                   | 270 | 90 | 70 | 48     |
| 1233513 | <b>1150-00</b><br>Module only - for 3/8" and 1/2" T-grip                           | for 2 parts                   | 270 | 90 | 70 | 43     |
| 1233440 | <b>1210-00</b><br>Module only - for 3/8" and 1/2" INBUS and TORX type end fittings | for 6 parts                   | 270 | 90 | 70 | 48     |
| 1233505 | <b>1220-00</b><br>Module only - for 16 Z spanner end fittings                      | for 6 parts                   | 270 | 90 | 70 | 44     |
| 1233572 | <b>1310-00</b><br>Module only - for 9x12 mm spanner end fittings                   | for 7 parts                   | 270 | 90 | 70 | 50     |
| 1233475 | <b>1320-00</b><br>Module only small - for 14x18 mm spanner end fittings            | for 5 parts                   | 270 | 90 | 70 | 49     |
| 1233491 | <b>1330-00</b><br>Module only large - for 14x18 mm spanner end fittings            | for 4 parts                   | 270 | 90 | 70 | 50     |
| 1233521 | <b>1400-00</b><br>Module only - fill-in piece without nest-holes                   | for 0 parts                   | 270 | 90 | 70 | 49     |

### SHEET METAL CASE EMPTY FOR TORCOFIX / MODULE



| Code    | No.                                                               | Weight |
|---------|-------------------------------------------------------------------|--------|
| 1149199 | <b>1001-90</b><br>Sheet metal case empty for TORCOFIX and modules | 2655   |
| 1149210 | <b>1002-90</b><br>Sheet metal case empty for TORCOFIX and modules | 3854   |
| 1149202 | <b>1003-90</b><br>Sheet metal case empty for TORCOFIX and modules | 5111   |
| 1255762 | <b>1001-91</b><br>Cut-out for lid for 1001-90                     | 10     |
| 1255770 | <b>1002-91</b><br>Cut-out for lid for 1002-90                     | 10     |
| 1255789 | <b>1003-91</b><br>Cut-out for lid for 1003-90                     | 10     |

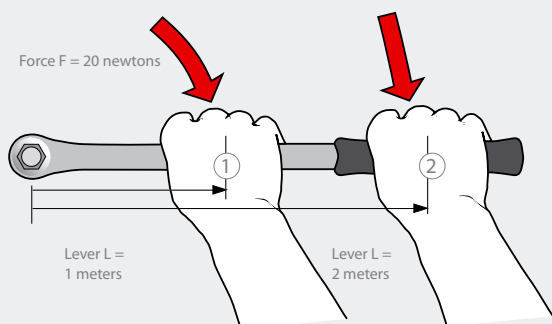


# HOW IS THE TORQUE MEASURED?



The torque is calculated by multiplying the force "F" applied to the lever with the distance from the pivot point to the point of application "L" (length of the lever). Mathematically, that is expressed as follows: Torque  $M_A = \text{Force } F \times \text{Lever } L$

## Working principle



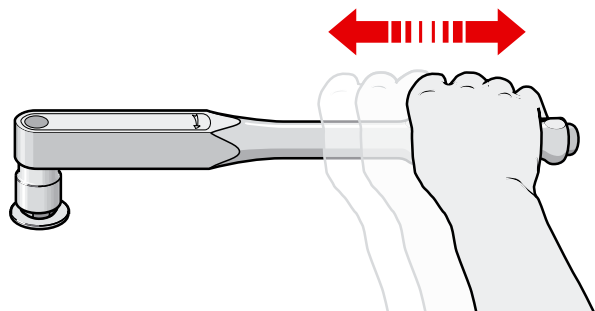
The diagram shows dependencies of force F and lever L on the torque on the base of 2 examples.

In order to determine the relevant torque, we employ the formula „ $M_A = F \times L$ “.

- ①  $M_A = F \times L = 20 \text{ N} \times 1 \text{ m} = 20 \text{ N-m}$  (newton meters)
- ②  $M_A = F \times L = 20 \text{ N} \times 2 \text{ m} = 40 \text{ N-m}$  (newton meters)

This means that the actual torque applied to the screw changes if the hand's position on the wrench changes.

## OPERABLE WITHOUT INACCURACIES



### DREMOMETER TYPE MINI - F

In the DREMOMETER, we got around the physical principle explained above using constructional cleverness. Irrespective of where you apply the force - whether it be in the middle of the handgrip or at another position at the DREMOMETER, whether it be with both hands or using an extension tube - the torque set by you is always achieved exactly - without shifts in value! By virtue of an axial position of the pivot point and the output square drive, the DREMOMETER is a tool which is operable without inaccuracies. By contrast to conventional torque wrenches, this single lever enables tightening without shifts in the measured value and without actuation away from the handgrip adversely affecting the accuracy.

Please note that most conventional torque wrenches can only be actuated at the middle of the handgrip because, otherwise, considerable shifts in value could occur. Do you want to play it safe? Then choose DREMOMETER.

### DREMOMETER WITH SPANNERS

When the DREMOMETER is actuated with a special extension spanner, the single lever mentioned above is no longer the case. The attached spanner alters the conditions to the extent that the pivot point is now situated outside of the output square drive and thus a so-called double lever (" $L_1 + L$ ") acts upon the screw connection. That has the consequence that the hand's pressure "F" can now only be applied to the middle of the handgrip. Every other pressure point would inevitably lead to shifts in value.

The set torque when using special spanners is determined along the following lines:

$$\text{Set torque} = \frac{M_A \times L_1}{L + L_1}$$

Our DREMOMETER and SE operate in accordance with the same principle. Here, the position of the pivot point also shifts to the front. These wrenches must also be actuated at the middle of the handgrip.

However, if you are using our norm-compliant standard spanner end fittings, then the setting torque does not have to be re-calculated on the basis of the below-specified formula. Here, we already take the gauge (L) into consideration when adjusting the wrench.

Only if you are using your own designs (therby changing the dimension "L") does the setting torque have to be re-calculated.

F = Force

$L_1$  = Distance (path) from the middle of the handgrip to the pivot point

L = Distance (path) from the middle of the screw to the pivot point

$M_A$  = Torque

DREMOMETER  
TYP C



DREMOMETER  
TYP DL

DREMOMETER  
TYP DZ



DREMOMETER  
TYP W