

TORQUE TOOLS

Maximum control in production guarantees high quality tools.

Use of the best quality steel, state-of-the-art machinery and environmentally friendly production processes. Our tooling experts ensure meticulous processing and future development. Precise adherence to strict testing and measuring specifications are the seal for the highest product quality. Wide range of mechanical or electronic torque spanners, testing devices and torque multipliers and accessories. Customised service packages including the development of customer-specific solutions.

All parts entering the production process - from the steel to the smallest spring - are inspected, and all production steps or operations are subject to strict quality controls.

After assembly and adjustment the torque tools are checked for accuracy (calibrated) in the final inspection and given a serial number. All torque tools are delivered with a factory test certificate or a calibration certificate in accordance with the applicable standards and guidelines. Processing quality, repeat accuracy and service life are tested in regular endurance tests. Insights gained here flow directly back into the optimisation of the production process.

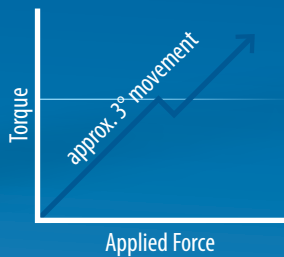


TRACEABLE SAFETY

- DAkkS calibration in our own accredited, independent DAkkS calibration laboratory
- In-house calibration according to



0.04 TO
54,000 NM

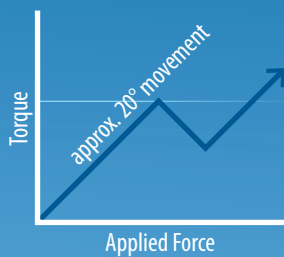


CLICK TOOLS - Overtightening Possible



When the preset torque value is reached the operator will hear a click, feel an impulse and there will be approximately 3° of tool movement. Resetting takes place when the hand pressure is released. Work can then immediately continue.

These tools are generally length dependent (exception DREMOMETER models AM - F), the position of the hand on the tool alters the torque produced.

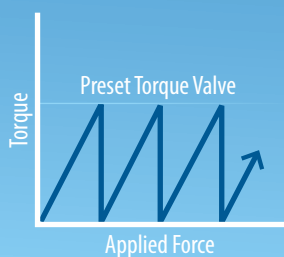


BREAKING TOOLS - Overtightening Unlikely



When the preset torque value is reached, these tools break at a specific point along the tool's length - usually at a pivot point near the tool's head. In most cases the movement is approximately 20°. The tool is automatically reset by allowing the handle to return to its in line position. These tools are length

dependent, the position of the hand on the tool alters the torque produced. Continued application of force after 20° of tool movement will increase the torque applied above the preset limit but with the greater angle of tool movement this is less likely.



SLIPPING TOOLS - Overtightening Impossible



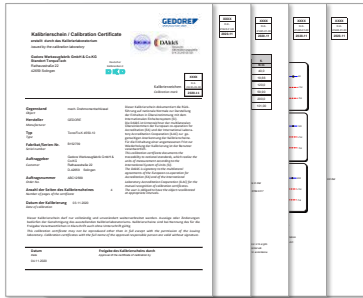
When the preset torque value is reached, a mechanism in the tool causes the application of torque to cease and the tool slips free for a short time until resetting occurs. Even if the application of force

is repeated, the preset torque value will not be exceeded, therefore making it impossible to overtighten a fastener. These tools are not length dependent.

CERTIFIED PRECISION

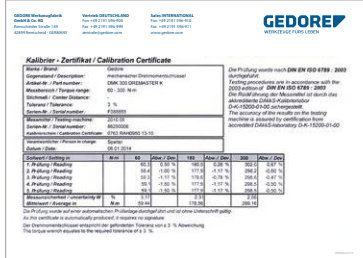
We give you the security you need

PTB
NATIONAL
STANDARD
Basis of all
lower-order standards



- Direct traceability to the national standard
- DAKKS calibrations according to DAKKS guidelines: DKD-R 3-7:2018; DKD-R 3-8:2018 and DIN EN ISO 6789-2:2017
- Passing on the smallest possible measurement uncertainties
- DAKKS calibration of own and third-party products (*Repair and adjustment of third-party products is not possible*).
- Air-conditioned laboratory control under strictest conditions
- DAKKS calibration certificate and DAKKS calibration mark

**DAKKS CALIBRATION
LABORATORY
THE GEDORE
TOOL FACTORY
GMBH & CO.KG**
ACCESSORIES STANDARD
Highest standard
Accredited area according to
DIN EN ISO 17025:2018



- Indirect traceability to the national standard
- Factory calibration according to DIN EN ISO 6789-2:2017 or GTTWN001
- Factory calibration, if necessary with adjustment and repair (*only for in-house production*)
- Factory test certificate and factory calibration mark from the Calibration laboratory of GEDORE Werkzeugfabrik GmbH & Co.KG

GEDORE
USAGE STANDARD
For testing
measuring devices

FACTORY CALIBRATION CERTIFICATE ACCORDING TO DIN EN ISO 6789-2:2017

- It contains all the information about the calibration object, required according to DIN EN ISO 6789-2:2017 (e.g. classification, measurement results, measurement uncertainty).
- The calibration is performed on suitable measuring equipment, which comply with the standard DIN EN ISO 6789-2:2017.
- The calibration result shall be reported together with a measurement uncertainty part according to DIN EN ISO 6789-2:2017.



CUSTOMER TEST EQUIPMENT
Measuring devices for monitoring
torque wrenches

PRODUCTS
Measuring tools (torque wrenches)
which check and tighten bolts safely

| | TYPE | MEASURING RANGE | MEASURING PROCESS | MINIMUM MEASUREMENT INACCURACY INDICATED |
|----------------------------|--|-------------------|---|--|
| DAKKS-CALIBRATION | Electr. torque wrench | 0,2 Nm – 1.000 Nm | DKD-R 3-7:2018 | 0,2 % |
| | Calibration equipment torque wrench (test devices) | 0,2 Nm – 3.500 Nm | DKD-R 3-8:2018 | 0,2 % |
| | Hand-operated torque wrench | 0,2 Nm – 1.000 Nm | DIN EN ISO 6789-2:2017 | 1 % |
| FACTORY CALIBRATION | Electr. torque wrench | 0,2 Nm – 1.000 Nm | GEDORE factory standard | 2 % |
| | Calibration equipment torque wrench (test devices) | 0,2 Nm – 3.500 Nm | based on VDI/VDE 2646 | 2 % |
| | Hand-operated torque wrench | 0,2 Nm – 3.000 Nm | DIN EN ISO 6789-2:2017 or GEDORE factory standard | 1 % |
| | Electr. torque/rotary angle wrench | 5 Nm – 300 Nm | VDI/VDE 2647 VDI/VDE 2648 Sheet 2 Homologation according to OEM | 0,5 ° |

DAkKS calibration certificate - internationally recognised

The DAkKS calibration certificate documents the calibration result - the DAkKS calibration mark on the calibration item identifies the DAkKS laboratory that carried out the calibration. It is recognised in many other countries as official proof of traceability - the basis for this are multilateral international agreements.

Please look for our registration no. D-K-21245-01-00. In the calibration procedure the calibration laboratory of GEDORE Werkzeugfabrik GmbH & Co. KG is obliged to fulfil the contractually stipulated criteria of the DAkKS.

In the DAkKS calibration certificate, in addition to the usual calibration certificate contents, the measurement uncertainties of the calibration equipment used are also taken into account. The documented calibration result includes both the measurement uncertainty of the of the calibration object as well as the measurement uncertainty of the calibration device. Therefore, the DAkKS calibration offers the highest level of security for the controlled screw tightening.

| Kalibrierschein / Calibration Certificate | |  erstellt durch das Kalibrierlaboratorium issued by the calibration laboratory | |
|---|--|--|--|
| Gedore Werkzeugfabrik GmbH & Co. KG Standort TorqueTech Rathausstraße 22 42699 Solingen | |  Deutscher Akkreditierung Körper | |
| Gegenstand Object mech. Drehmomentschlüssel | | Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem internationalen Einheitensystem (SI). Die DAkKS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine. Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich. This calibration certificate documents the traceability to national standards, which realize the units of measurement according to the International System of Units (SI). The DAkKS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates. The user is obliged to have the object recalibrated at appropriate intervals. | |
| Hersteller Manufacturer GEDORE | | Kalibrierzeichen Calibration mark XXXX D-K- 21245-01-00 2020-11 | |
| Typ Type TorxPlus-K 4550-10 | | Anzahl der Seiten des Kalibrierscheines Number of pages of the certificate 4 | |
| Fabrikat/Serien-Nr. Serial number B152730 | | Datum der Kalibrierung Date of calibration 03.11.2020 | |
| Auftraggeber Customer Gedore Werkzeugfabrik GmbH & Co. KG Rathausstraße 22 D-42699 Solingen | | Datum Date 04.11.2020 | |
| Auftragsnummer Order No. ABC12569 | | Freigabe des Kalibrierscheines durch Approval of the certificate of calibration by | |

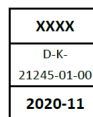


AUTHORISED CALIBRATION AND CONTROL AT THE HIGHEST LEVEL

- Own accredited DAkKS calibration laboratory for the measurand torque with registration number: D-K-21245-01-00, Accredited procedures: DKD-R 3-7:2018; DKD-R 3-8:2018; DIN EN ISO 6789-2:2017.
- A calibration laboratory belonging to the DKD since 2000, which has been accredited by the by the German Accreditation (DAkKS) accredited and monitored by the German Accreditation Body (DAkKS) according to DIN EN ISO 17025.
- Regular monitoring of the calibration laboratory by the DAkKS (every 24 months). Regular RE calibrations of the transfer standards by PTB (every 24 months)
- Regular internal audits and internal RE calibrations. (every 5 months)



Deutsche
Akkreditierungsstelle
D-K-21245-01-00



A CALIBRATION IS ALWAYS A SNAPSHOT!

A calibration is always a snapshot! During calibration, measurement deviations and measurement uncertainties are recorded on a specific date and documented accordingly in a calibration certificate. On the basis of these calibration results, a statement can be made about the tolerance compliance during the last calibration. However, no statement can be made about future behaviour.

If you have any further questions - just dial our service number:

+49 (0) 1804 37 36 68

(only 0.24 Euro per call from a domestic landline; deviations possible when using mobile phones or service providers).

The provision of a factory test certificate in accordance with GEDORE criteria, as well as adjustment and repair, is only possible for torque spanners and testing equipment from our own production. Factory and DAkKS calibrations are right-hand calibrations. Additional left-hand and angle calibrations on request.

Depending on requirements and customer wishes, we calibrate according to DAkKS guidelines or according to GEDORE criteria.

CALIBRATE REGULARLY, CALIBRATE AND CERTIFY. WHY IS THIS SO IMPORTANT?

This is the only way we can permanently guarantee the precision and reliability of our torque tools. This is a major concern for us, because your safety is close to our hearts. Because we hereby offer you the safety you need for everyday "controlled screw tightening".

WE RECOMMEND:

- Calibration 1x per year DIN EN ISO 6789-2:2017 or after 5000 load cycles DIN EN ISO 6789-1:2017

YOUR ADVANTAGE:

- Ensure functional capability
- Ensuring compliance with the tolerance specifications according to DIN EN ISO 6789-1:2017
- Prevention of faulty screw connections
- Ensuring product quality
- Reduction of follow-up costs

Full service package / benefits only valid for Germany. Please ask our subsidiaries for the respective possibilities for your country.



DREMOMETER

Permanent Precision



SE 9x12 14x18 8-400 Nm



L 1/4 - 1 6-2000 Nm



1/4 - 1/2 6-3000 Nm

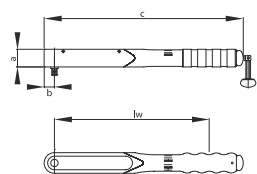


Z 16 22 29 8-1000 Nm

- 1 DRIVE IN ACCORDANCE WITH APPLICATION
- 2 CLASSIFIED TO DIN EN ISO 6789:2017 TYPE II CLASS A,
- 3 CLEAR DOUBLE SCALE NM AND LBF·IN/LBF·FT (DEPENDING ON MODEL)
- 4 ROBUST AND LIGHT ALUMINIUM CONSTRUCTION WITH ERGONOMIC HANDLE
- 5 RELEASES AUTOMATICALLY PERCEPTIBLE AND AUDIBLE
- 6 NEW HANDLE SHAPE ALLOWS THE USE OF EXTENSION TUBES

8554 AM - 8559 AML

Torque wrench DREMOMETER
6-30 Nm / 50-270 lbf·in

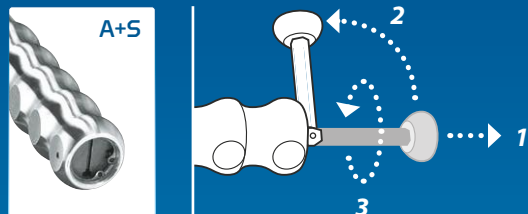


- > Torque wrench with 1/4" square drive in the range of 6 - 30 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in the lbf-in range
- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code | No. | Type | 1/4" | mm | Storage | Nm | lbf-in | lw | a | b | c | Scale | Weight |
|---------|---------|---------------------|------|-----|------------------|------|--------|-----|----|----|-----|------------------|--------|
| 7775440 | 8554-01 | Single square rigid | 1/4" | 6,3 | Plastic box | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 Nm / 10 lbf-in | 0,850 |
| 7674090 | 8554-02 | Single square rigid | 1/4" | 6,3 | Plastic cassette | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 Nm / 10 lbf-in | 0,992 |
| 7775870 | 8559-01 | Double square rigid | 1/4" | 6,3 | Plastic box | 6-30 | 50-270 | 206 | 30 | 15 | 268 | 1 Nm / 10 lbf-in | 0,553 |

TECHNICAL INFORMATION

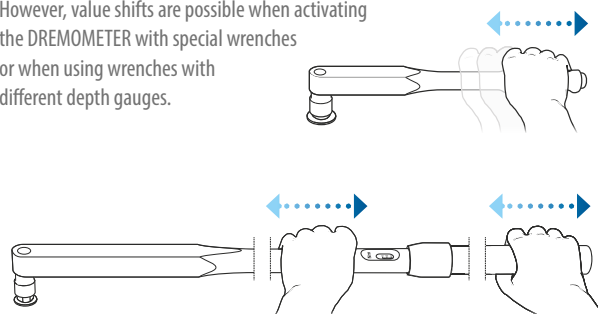
Setting of the torque value to Nm or alternatively to lbf-in / lbf-ft by the non-losable hexagon key in the handgrip. The smooth-running mechanism enables the setting to be made quickly without significant force needing to be applied. All DREMOMETERS are also available with locking and safety device (A+S). Pre-set value locking and safety device (A+S) eliminates the possibility of unintentional or manipulated adjustment, thereby representing more process reliability of the user



OPERABLE WITHOUT INACCURACIES

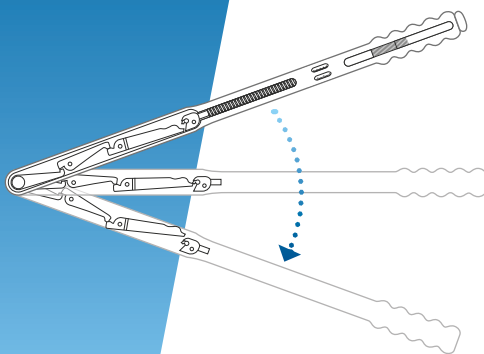
Regardless of where you apply the force, at the center of the handgrip or another part of the DREMOMETER, with both hands or using an extension tube, your torque setting will always be attained, without shifts in value. Due to its unique single-axis location of the centre of rotation and the output square drive, the DREMOMETER is a tool that can be operated free from errors. In contrast to conventional torque wrenches, this single lever enables tightening without shifts in the measured value and without interference caused by activation outside of the handgrip.

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



WORKING PRINCIPLE

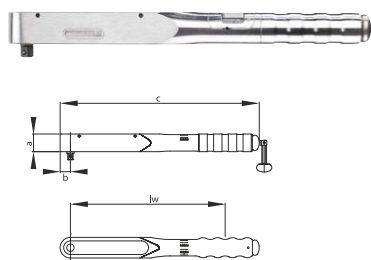
The quality lever chain produced in the company's own drop forge reduces the strain on the mechanics to a minimum. The proportioning of the individual levers, which are optimally attuned to each other, gives the DREMOMETER its unique precision and its long tool life.



- 1 Position of the lever chain without impact of force (in starting position).
- 2 Position of the lever chain with impact of force before the set torque is achieved. The force is transferred from the primary lever to the intermediary and final lever until the final lever slips past the so-called release lever through the sliding back of the angle-lever body.
- 3 Position of the lever chain when the force impacts after the torque setting is achieved. Immediate position after the clear tactile impulse and audible signal "click". On relief, the lever chain moves back into the starting position (1).

8560 A - 8565 AL

Torque wrench DREMOMETER
8-40 Nm / 70-350 lbf-in

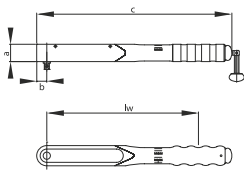


- > Torque wrench with 3/8" square drive in the range of 8 - 40 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click



- > Double scale for measuring ranges in the lbf-in range
- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code | No. | Type | 3/8" | mm | Storage | Nm | lbf-in | lw | a | b | c | Scale | Accuracy |
|---------|---------|---------------------|------|----|-------------|------|--------|-----|----|------|-----|------------------|----------|
| 7682000 | 8560-01 | Single square rigid | 3/8" | 10 | Plastic box | 8-40 | 70-350 | 262 | 30 | 17,5 | 338 | 5 Nm / 50 lbf-in | 0,848 |
| 7682190 | 8565-01 | Double square rigid | 3/8" | 10 | Plastic box | 8-40 | 70-350 | 262 | 30 | 17,5 | 338 | 5 Nm / 50 lbf-in | 1,000 |

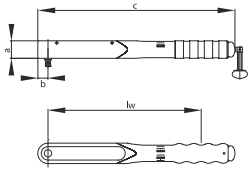
8561 B - 8566 BLTorque wrench DREMOMETER
25-120 Nm / 18-90 lbf-ft

- > Torque wrench with 1/2" square drive in the range of 25 - 120 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range



- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Power-saving through the use of optional extension tubes

| Code | No. | Type | " | mm | Storage | Contents | Nm | lbf-ft | lw | a | b | c | | |
|----------------|----------|---------------------|------|------|-------------|---------------------------------|--------|--------|-----|----|------|-----|-----------------|-----|
| 2926989 | 8561-001 | Single square rigid | 1/2" | 12,5 | Plastic box | ALU-extension tube No. 8577-350 | 25-120 | 18-90 | 373 | 30 | 17,5 | 462 | 5 Nm / 5 lbf-ft | 2,2 |
| 7683320 | 8561-01 | Single square rigid | 1/2" | 12,5 | Plastic box | | 25-120 | 18-90 | 373 | 30 | 17,5 | 462 | 5 Nm / 5 lbf-ft | 1,5 |
| 7683400 | 8566-01 | Double square rigid | 1/2" | 12,5 | Plastic box | | 25-120 | 18-90 | 373 | 30 | 17,5 | 462 | 5 Nm / 5 lbf-ft | 1,5 |

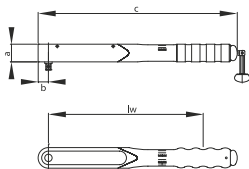
8573 BC - 8578 BCLTorque wrench DREMOMETER
40-200 Nm / 30-150 lbf-ft

- > Torque wrenches with 1/2" square drive in the range of 40 - 200 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range



- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > With push-button release

| Code | No. | Type | " | mm | Storage | Nm | lbf-ft | lw | a | b | c | | |
|----------------|---------|---------------------|------|------|-------------|--------|--------|-----|----|------|-----|-----------------|-----|
| 7685530 | 8573-00 | Single square rigid | 1/2" | 12,5 | Plastic box | 40-200 | 30-150 | 463 | 30 | 17,5 | 551 | 5 Nm / 5 lbf-ft | 1,4 |
| 7683590 | 8573-02 | Single square rigid | 1/2" | 12,5 | Plastic box | 40-200 | 30-150 | 463 | 30 | 17,5 | 551 | 5 Nm / 5 lbf-ft | 3,5 |
| 7683670 | 8578-00 | Double square rigid | 1/2" | 12,5 | Plastic box | 40-200 | 30-150 | 463 | 30 | 17,5 | 551 | 5 Nm / 5 lbf-ft | 1,4 |

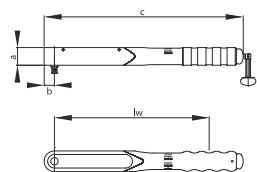
8562 C - 8567 CLTorque wrench DREMOMETER
60-300 Nm / 45-220 lbf-ft

- > Torque wrenches with 1/2" square drive in the range of 60 - 300 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range



- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Power-saving through the use of optional extension tubes

| Code | No. | Type | " | mm | Storage | Contents | Nm | lbf-ft | lw | a | b | c | | |
|----------------|----------|---------------------|------|------|-------------|---------------------------------|--------|--------|-----|----|------|-----|-----------------|-----|
| 2926997 | 8562-001 | Single square rigid | 1/2" | 12,5 | Plastic box | ALU-extension tube No. 8577-700 | 60-300 | 45-220 | 529 | 30 | 17,5 | 617 | 5 Nm / 5 lbf-ft | 2,7 |
| 7685450 | 8562-10 | Single square rigid | 1/2" | 12,5 | Plastic box | | 60-300 | 45-220 | 529 | 30 | 17,5 | 617 | 5 Nm / 5 lbf-ft | 2,0 |
| 7685960 | 8567-10 | Double square rigid | 1/2" | 12,5 | Plastic box | | 60-300 | 45-220 | 529 | 30 | 17,5 | 617 | 5 Nm / 5 lbf-ft | 2,3 |

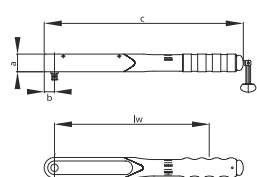
8570 CD - 8575 CDLTorque wrench DREMOMETER
80-360 Nm / 60-260 lbf-ft

- > Torque wrench with 3/4" square drive in the range of 80 - 360 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range



- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Power-saving through the use of optional extension tubes

| Code | No. | Type | " | mm | Storage | Contents | Nm | lbf-ft | lw | a | b | c | Scale | kg |
|----------------|----------|---------------------|------|----|-------------|---------------------------------|--------|--------|-----|----|------|-----|-----------------|-----|
| 2927004 | 8570-001 | Single square rigid | 3/4" | 20 | Plastic box | ALU-extension tube No. 8577-700 | 80-360 | 60-260 | 624 | 30 | 22,5 | 717 | 5 Nm / 5 lbf-ft | 3,1 |
| 7688470 | 8570-10 | Single square rigid | 3/4" | 20 | Plastic box | | 80-360 | 60-260 | 624 | 30 | 22,5 | 717 | 5 Nm / 5 lbf-ft | 2,8 |
| 7688710 | 8575-10 | Double square rigid | 3/4" | 20 | Plastic box | | 80-360 | 60-260 | 624 | 30 | 22,5 | 717 | 5 Nm / 5 lbf-ft | 2,4 |

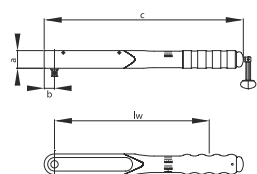
8574 DS - 8579 DSLTorque wrench DREMOMETER
110-550 Nm / 80-400 lbf-ft

- > Torque wrench with 3/4" square drive in the range of 110 - 550 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range
- > Highest accuracy max. deviation of +/- 3 %



- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code | No. | Type | " | Storage | Nm | lbf-ft | Scale | lw | a | d | kg |
|----------------|---------|---------------------|------|-------------|---------|--------|-------------------|-----|----|-----|-----|
| 1427156 | 8574-10 | Single square rigid | 3/4" | Plastic box | 110-550 | 80-400 | 10 Nm / 10 lbf-ft | 719 | 45 | 812 | 2,9 |
| 1427121 | 8579-10 | Double square rigid | 3/4" | Plastic box | 110-550 | 80-400 | 10 Nm / 10 lbf-ft | 719 | 45 | 812 | 2,9 |

8563 D - 8568 DLTorque wrench DREMOMETER
155-760 Nm / 115-560 lbf-ft

- > Torque wrench with 3/4" square drive in the range of 155 - 760 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click

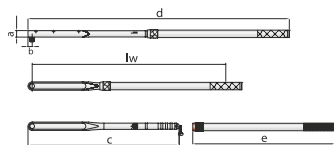


- > Double scale for measuring ranges in lbf-ft range
- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code | No. | Type | " | Storage | Nm | lbf-ft | Scale | lw | a | d | kg |
|----------------|---------|---------------------|------|-------------|---------|---------|-----------|-----|----|-----|-------|
| 7691500 | 8563-10 | Single square rigid | 3/4" | Plastic box | 155-760 | 115-560 | 10 lbf-ft | 719 | 45 | 812 | 3,45 |
| 7692070 | 8563-20 | Single square rigid | 3/4" | Metal box | 155-760 | 115-560 | 10 lbf-ft | 719 | 45 | 812 | 7,70 |
| 7692660 | 8563-30 | Single square rigid | 3/4" | Set mm | 155-760 | 115-560 | 10 lbf-ft | 719 | 45 | 812 | 13,00 |
| 7691850 | 8568-10 | Double square rigid | 3/4" | Plastic box | 155-760 | 115-560 | 10 lbf-ft | 719 | 45 | 812 | 3,20 |

8563 DR - 8568 DRL

Torque wrench DREMOMETER
155-760 Nm / 115-560 lbf-ft



- > Torque wrench with 3/4" square drive in the range of 155 - 760 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range

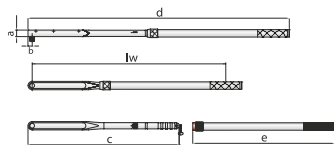


- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Power-saving through the use of optional extension tubes

| Code | No. | Type | □" | ■mm | Storage | Contents | Nm | lbf-ft | lw | a | b | c | d | e | ⚖ |
|---------|---------|---------------------|------|-----|-------------|--------------------------------|---------|---------|--------|----|------|-----|------|-----|-----|
| 7670180 | 8563-01 | Single square rigid | 3/4" | 20 | Plastic box | ALU extension tube No. 8571-80 | 155-760 | 115-560 | 1290,5 | 35 | 22,5 | 812 | 1403 | 762 | 5,0 |
| 7670500 | 8568-01 | Double square rigid | 3/4" | 20 | Plastic box | ALU extension tube No. 8571-80 | 155-760 | 115-560 | 1290,5 | 35 | 22,5 | 812 | 1403 | 762 | 5,0 |

8571 DX - 8576 DXL

Torque wrench DREMOMETER
520-1000 Nm / 380-730 lbf-ft



- > Torque wrench with 3/4" square drive in the range of 520 - 1000 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range
- > Highest accuracy max. deviation of +/- 3 %

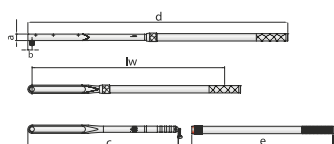


- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes

| Code | No. | Type | □" | ■mm | Storage | Contents | Nm | lbf-ft | lw | a | b | c | d | e | ⚖ |
|---------|---------|---------------------|------|-----|-------------|--------------------------------|----------|---------|--------|----|------|-----|------|-----|------|
| 7694010 | 8571-01 | Single square rigid | 3/4" | 20 | Plastic box | ALU extension tube No. 8571-80 | 520-1000 | 380-730 | 1290,5 | 35 | 22,5 | 812 | 1403 | 762 | 4,25 |
| 7694360 | 8576-01 | Double square rigid | 3/4" | 20 | Plastic box | ALU extension tube No. 8571-80 | 520-1000 | 380-730 | 1290,5 | 35 | 22,5 | 812 | 1403 | 762 | 5,60 |

8581 EK - 8586 EKL

Torque wrench DREMOMETER
600-1500 Nm



- > Torque wrench with 1" square drive in the range of 600 - 1500 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Single scale with a scale graduation of 25 Nm



- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes

| Code | No. | Type | □" | ■mm | Storage | Contents | Nm | lw | a | b | c | d | e | ⚖ |
|---------|---------|---------------|----|-----|---------|------------------------|----------|------|----|----|-----|------|-----|------|
| 2311267 | 8581-01 | Single square | 1" | 25 | Box | Extension tube 8564-92 | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 10,8 |
| 2311291 | 8586-01 | Double square | 1" | 25 | Box | Extension tube 8564-92 | 600-1500 | 1473 | 40 | 30 | 932 | 1608 | 925 | 10,8 |

i CONFIGURATION

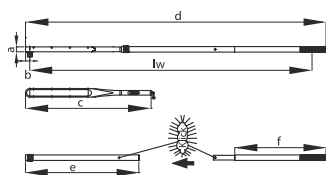
On request, all torque wrenches can be factory pre-set
-at extra charge-

When ordering, please specify the Nm value.



8564 E - 8569 EL

Torque wrench DREMOMETER
750-2000 Nm



- > Torque wrenches with 1" square drive in the range of 750 - 2000 Nm
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range

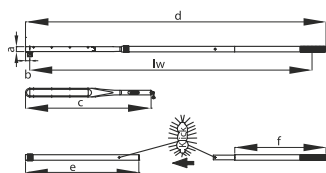
- > Highest accuracy max. deviation of +/- 3 %
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes



| Code | No. | Type | 1" | mm | Storage | Contents | Nm | lw | a | b | c | d | e | f | kg |
|---------|---------|---------------------|----|----|---------|---|----------|------|----|----|-----|------|-----|-----|------|
| 7695250 | 8564-01 | Single square rigid | 1" | 25 | Box | Extension tube No. 8564-92 + 8572-74 | 750-2000 | 2213 | 40 | 30 | 932 | 2353 | 925 | 745 | 12,0 |
| 7695410 | 8569-01 | Double square rigid | 1" | 25 | Box | Extension tube No. 8564-92 + 8572-74 | 750-2000 | 2213 | 40 | 30 | 932 | 2353 | 925 | 745 | 12,0 |

8572 F

Torque wrench DREMOMETER
1500-3000 Nm



- > Torque wrench with 1.1/2" square drive in the range of 1500 - 3000 Nm
- > Single square for the controlled legal suit
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in lbf-ft range
- > Highest accuracy max. deviation of +/- 3 %

- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes

| Code | No. | Type | 1" | mm | Storage | Contents | Nm | lw | a | b | c | d | e | f | kg |
|---------|---------|---------------|--------|----|---------|---|-----------|------|----|----|-------|------|-----|-----|------|
| 7717160 | 8572-01 | Single square | 1.1/2" | 40 | Box | Extension tube No. 8564-92 + 8572-74 | 1500-3000 | 2309 | 40 | 35 | 1.037 | 2454 | 925 | 745 | 15,0 |

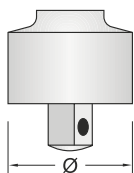
i ACCESSORIES DREMOMETER

Ratchet heads DREMOMETER 754

Ratchet head no. 754 can only be used in combination with the DREMOMETER. Please note the right direction of rotation by the ratchet head when ordering. There are separate models for clockwise or counter-clockwise rotation. Ratchet head nos. 754-11 to 754-16 (counter-clockwise) can only be used with the DREMOMETER with double square drive.



754 Ratchet head DREMOMETER



- > Enables controlled torque tightening in combination with a DREMOMETER torque wrench
 - > Fine-pitched, sturdy ratchet head
 - > Made of chrome-vanadium steel
 - > Clockwise models (no. 754-00 to -06)
- > Anti-clockwise models (no. 754-11 to -16)
 - > Made of chrome-vanadium steel
 - > *Max. continuous load of ratchet according to DIN EN ISO 6789 and/or maximum load of cavity

| Code | No. | □ " | ■ " | H | Ø mm | ∠ ° | Use | Version | Permanent load capacity* | ⚖ |
|---------|--------|------|------|----|------|-----|------------------------|----------------|--------------------------|-------|
| 7680490 | 754-00 | 1/4" | 1/4" | 20 | 24 | 18 | MINI, AM | Clockwise | 1/4" = 30 Nm | 0,054 |
| 7680570 | 754-01 | 3/8" | 3/8" | 28 | 35 | 20 | A | Clockwise | 3/8" = 135 Nm | 0,150 |
| 7680650 | 754-02 | 1/2" | 1/2" | 36 | 46 | 7,5 | B, BC, C | Clockwise | 1/2" = 340 Nm | 0,350 |
| 7680730 | 754-04 | 3/4" | 3/4" | 56 | 65 | 10 | CD, DS, D, DR, DX | Clockwise | 3/4" = 1000 Nm | 1,000 |
| 7680810 | 754-06 | 1" | 1" | 62 | 73 | 10 | E / EK | Clockwise | 1" = 2000 Nm | 1,800 |
| 7686770 | 754-11 | 3/8" | 3/8" | 28 | 35 | 20 | AL | Anti-Clockwise | 3/8" = 135 Nm | 0,150 |
| 7686850 | 754-12 | 1/2" | 1/2" | 36 | 46 | 7,5 | BL, BCL, CL | Anti-Clockwise | 1/2" = 340 Nm | 0,350 |
| 7686930 | 754-14 | 3/4" | 3/4" | 56 | 65 | 10 | CDL, DSL, DL, DRL, DXL | Anti-Clockwise | 3/4" = 1000 Nm | 1,000 |
| 7687150 | 754-16 | 1" | 1" | 62 | 73 | 10 | EL / EKL | Anti-Clockwise | 1" = 2000 Nm | 1,800 |

8564 - 8572 Extension tube for DREMOMETER E - F



- > Effortless work - lever arm extension
- > Extension tubes for torque wrench series DREMOMETER E - F

| Code | No. | Use | Version | ↳ mm | ⚖ |
|---------|---------|-------------------|----------------|------|------|
| 7622020 | 8572-74 | DREMOMETER E/F | only extension | 745 | 3,55 |
| 7621720 | 8564-92 | DREMOMETER E/EK/F | with chuck | 925 | 3,49 |

8577

Extension tube ALU for
DREMOMETER A-DX

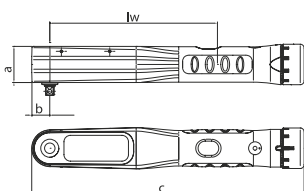


- > Effortless work - lever arm extension
- > Extension tubes for torque wrench series DREMOMETER A - DX

| Code | No. | Use | Version | l mm | kg |
|---------|----------|------------------|------------|------|------|
| 2880164 | 8577-350 | DREMOMETER A-CD | with chuck | 350 | 0,71 |
| 2880032 | 8577-700 | DREMOMETER A-CD | with chuck | 700 | 0,71 |
| 1686313 | 8571-80 | DREMOMETER DR/DX | with chuck | 762 | 0,75 |

753

Torque wrench DREMOMETER MINI
2,5-12 Nm / 22,5-106 lbf-in



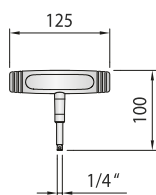
- > Torque wrench with 1/4" square drive in the range of 2.5 - 12 Nm
- > Single square for the controlled legal suit
- > You can feel and hear an audible automatic click
- > Double scale for measuring ranges in the lbf-in range

- > Highest accuracy max. deviation of +/- 3 %
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Additional micrometer scale for setting intermediate scale values

| Code | No. | Type | 1/4" | mm | Nm | lbf-in | lw | a | b | c | 5 Nm / 5 lbf-in | vernier Nm | kg |
|---------|--------|---------------------|------|-----|--------|----------|-----|------|------|-----|-----------------|------------|------|
| 1957694 | 753-11 | Single square rigid | 1/4" | 6,3 | 2,5-12 | 22,5-106 | 130 | 28,5 | 14,5 | 211 | 5 Nm / 5 lbf-in | 0,05 | 0,55 |

763

Torque wrench DREMOMETER T-FS
pre-set, 5-12 Nm



- > Easy application for torques that are usually in the range of torque screwdrivers
- > For controlled directional tightening

- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Special ranges are available on request

| Code | No. | 1/4" | mm | Fixed setting value | kg |
|---------|--------|------|-----|---------------------|-------|
| 1947958 | 763-05 | 1/4" | 6,3 | 5 Nm | 0,241 |
| 1947966 | 763-06 | 1/4" | 6,3 | 6 Nm | 0,545 |
| 1947974 | 763-07 | 1/4" | 6,3 | 7 Nm | 0,241 |
| 1947990 | 763-08 | 1/4" | 6,3 | 8 Nm | 0,241 |
| 1948008 | 763-09 | 1/4" | 6,3 | 9 Nm | 0,241 |
| 1948016 | 763-10 | 1/4" | 6,3 | 10 Nm | 0,241 |
| 1948032 | 763-12 | 1/4" | 6,3 | 12 Nm | 0,241 |

i DREMOMETER Z

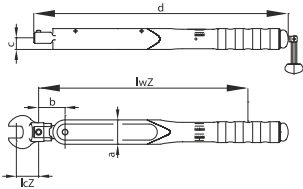
Technical Information Z

- The large cross-section of the spigot end transfers a maximum torque. "Quick-change system" with a locking pin mechanism guarantees that work takes place flexibly and rapidly.
- Ideal for bolted connections in cramped and hard-to-access locations. Depending on how the DREMOMETER Z is used, it is possible to work both in the forward direction and also to the side. For anti-clockwise tightening, simply turn the torque wrench through 180°



8460 Z - 8471 Z

Torque wrench DREMOMETER Z
with quick-fitting change
8-1000 Nm / 70 lbf-in - 730 lbf-ft



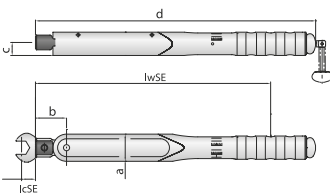
- > Spigot holder for push-on tools (jaw, ring, reversible ratchet)
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %

- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Actuation only at the handle centre
- > Observe the gauge block for special attachments

| Code | No. | Type | ∅ | Nm | lbf-in | lbf-ft | | lwZ | lcZ | a | c | d | |
|---------|---------|-----------|----|----------|--------|---------|-------------------|-------|------|----|----|-------|------|
| 7703610 | 8460-01 | Drive pin | 16 | 8-40 | 70-350 | | 5 Nm / 50 lbf-in | 300 | 32,0 | 35 | 16 | 366 | 1,00 |
| 7704260 | 8461-01 | Drive pin | 16 | 25-120 | | 18-90 | 5 Nm / 5 lbf-ft | 411,5 | 32,0 | 35 | 16 | 489 | 1,45 |
| 7704340 | 8462-01 | Drive pin | 16 | 80-400 | | 60-300 | 5 Nm / 5 lbf-ft | 567 | 32,0 | 35 | 16 | 645 | 2,00 |
| 7703020 | 8463-10 | Drive pin | 22 | 140-620 | | 100-450 | 10 Nm / 10 lbf-ft | 767,5 | 45,0 | 45 | 18 | 846 | 3,00 |
| 1251341 | 8471-01 | Drive pin | 28 | 520-1000 | | 380-730 | 10 Nm / 10 lbf-ft | 1221 | 75,0 | 45 | 18 | 1.319 | 5,50 |

8480 SE - 8482 SE

Torque wrench DREMOMETER SE
with quick-fitting change
8-400 Nm / 70 lbf-in - 300 lbf-ft



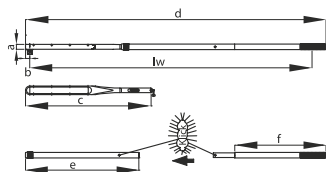
- > SE receptacle for inserting tools (jaw, ring, reversible ratchet, ring ratchet...)
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %

- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Actuation only at the handle centre
- > For special insertion tools, observe the gauge block

| Code | No. | Type | | Nm | lbf-in | lbf-ft | | lwSE | lcSE | a | d | |
|---------|---------|--------------------|------------|--------|--------|--------|------------------|-------|------|----|-----|------|
| 7714060 | 8480-01 | Rectangular cavity | 9 x 12 mm | 8-40 | 70-350 | | 5 Nm / 50 lbf-in | 302 | 17,5 | 35 | 361 | 0,95 |
| 7714140 | 8481-01 | Rectangular cavity | 9 x 12 mm | 25-120 | | 18-90 | 5 Nm / 5 lbf-ft | 413,5 | 17,5 | 35 | 484 | 1,25 |
| 7714220 | 8482-01 | Rectangular cavity | 14 x 18 mm | 80-400 | | 60-300 | 5 Nm / 5 lbf-ft | 582 | 25,0 | 35 | 641 | 1,70 |

7554 AM A+S - 7572 F A+S

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



- > Fixed DREMOMETERS for series production
- > Single- and double-square drive for controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Double Scale
- > Highest accuracy max. deviation of +/- 3 %



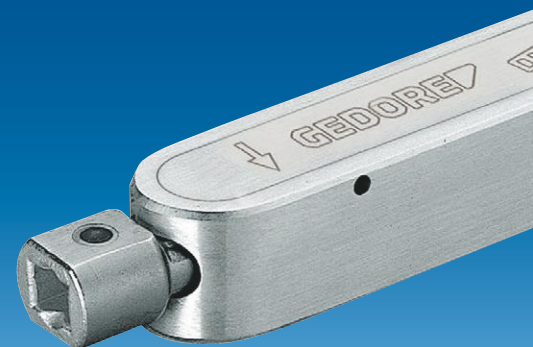
- > Error-free operation - no change in torque values when operated outside the handle
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Save effort using the optional extension tubes
- > If fixed factory setting is required, please specify Nm value when ordering (price on request)

| Code | No. | Type | □" | ■ mm | Nm | lbf-in | lbf-ft | سلسله | lw | a | b | c | d | e | f | kg |
|---------|---------|---------------------|------|------|-----------|--------|---------|-------------------|--------|----|------|-------|------|-----|-----|-------|
| 1210891 | 7554-01 | Single square rigid | 1/4" | 6,3 | 6-30 | 50-270 | | 1 Nm / 10 lbf-in | 206 | 30 | 15 | 256 | | | | 0,58 |
| 1210904 | 7559-01 | Double square rigid | 1/4" | 6,3 | 6-30 | 50-270 | | 1 Nm / 10 lbf-in | 206 | 30 | 15 | 256 | | | | 0,59 |
| 7708920 | 7560-01 | Single square rigid | 3/8" | 10 | 8-40 | 70-350 | | 5 Nm / 50 lbf-in | 262 | 30 | 17,5 | 326,5 | | | | 1,00 |
| 1210939 | 7565-01 | Double square rigid | 3/8" | 10 | 8-40 | 70-350 | | 5 Nm / 50 lbf-in | 262 | 30 | 17,5 | 326,5 | | | | 1,00 |
| 7709060 | 7561-01 | Single square rigid | 1/2" | 12,5 | 25-120 | | 18-90 | 5 Nm / 5 lbf-ft | 373 | 30 | 17,5 | 450 | | | | 1,50 |
| 1210947 | 7566-01 | Double square rigid | 1/2" | 12,5 | 25-120 | | 18-90 | 5 Nm / 5 lbf-ft | 373 | 30 | 17,5 | 450 | | | | 1,50 |
| 1211013 | 7573-00 | Single square rigid | 1/2" | 12,5 | 40-200 | | 30-150 | 5 Nm / 5 lbf-ft | 463 | 30 | 17,5 | 539 | | | | 1,40 |
| 1427113 | 7578-00 | Double square rigid | 1/2" | 12,5 | 40-200 | | 30-150 | 5 Nm / 5 lbf-ft | 463 | 30 | 17,5 | 539 | | | | 1,40 |
| 7709650 | 7562-10 | Single square rigid | 1/2" | 12,5 | 60-300 | | 45-220 | 5 Nm / 5 lbf-ft | 529 | 30 | 17,5 | 605 | | | | 2,00 |
| 1210955 | 7567-10 | Double square rigid | 1/2" | 12,5 | 60-300 | | 45-220 | 5 Nm / 5 lbf-ft | 529 | 30 | 17,5 | 605 | | | | 2,00 |
| 1210998 | 7570-10 | Single square rigid | 3/4" | 20 | 80-360 | | 60-260 | 5 Nm / 5 lbf-ft | 624 | 30 | 22,5 | 705,5 | | | | 2,40 |
| 1211021 | 7575-10 | Double square rigid | 3/4" | 20 | 80-360 | | 60-260 | 5 Nm / 5 lbf-ft | 624 | 30 | 22,5 | 705,5 | | | | 2,40 |
| 1427164 | 7574-10 | Single square rigid | 3/4" | 20 | 110-550 | | 80-400 | 10 Nm / 10 lbf-ft | 719 | 35 | 22,5 | 800 | | | | 2,90 |
| 1427148 | 7579-10 | Double square rigid | 3/4" | 20 | 110-550 | | 80-400 | 10 Nm / 10 lbf-ft | 719 | 30 | 22,5 | 800 | | | | 2,90 |
| 1210921 | 7563-10 | Single square rigid | 3/4" | 20 | 155-760 | | 115-560 | 10 Nm / 10 lbf-ft | 719 | 35 | 22,5 | 800 | | | | 3,20 |
| 1210971 | 7568-10 | Double square rigid | 3/4" | 20 | 155-760 | | 115-560 | 10 Nm / 10 lbf-ft | 719 | 35 | 22,5 | 800 | | | | 3,20 |
| 1210912 | 7563-01 | Single square rigid | 3/4" | 20 | 155-760 | | 115-560 | 10 Nm / 10 lbf-ft | 1290,5 | 35 | 22,5 | 800 | 1403 | 762 | | 5,00 |
| 1210963 | 7568-01 | Double square rigid | 3/4" | 20 | 155-760 | | 115-560 | 10 Nm / 10 lbf-ft | 1290,5 | 35 | 22,5 | 800 | 1403 | 762 | | 5,00 |
| 1211005 | 7571-01 | Single square rigid | 3/4" | 20 | 520-1000 | | 380-730 | 10 Nm / 10 lbf-ft | 1290,5 | 35 | 22,5 | 800 | 1403 | 762 | | 5,60 |
| 1211048 | 7576-01 | Double square rigid | 3/4" | 20 | 520-1000 | | 380-730 | 10 Nm / 10 lbf-ft | 1291 | 35 | 22,5 | 800 | 1403 | 762 | | 5,60 |
| 2311321 | 7581-01 | Single square rigid | 1" | 25 | 600-1500 | | | 25 Nm | 1473 | 40 | 30 | 920 | 1608 | 925 | | 10,80 |
| 2311348 | 7586-01 | Double square rigid | 1" | 25 | 600-1500 | | | 25 Nm | 1473 | 40 | 30 | 920 | 1608 | 925 | | 10,80 |
| 1547232 | 7564-01 | Single square rigid | 1" | 25 | 2000-2000 | | | 50 Nm | 2213 | 40 | 30 | 920 | 2353 | 925 | 745 | 11,60 |
| 1547240 | 7569-01 | Double square rigid | 1" | 25 | 2000-2000 | | | 50 Nm | 2213 | 40 | 30 | 920 | 2353 | 925 | 745 | 11,60 |
| 1547259 | 7572-01 | Single square rigid | 1" | 40 | 1500-3000 | | | 50 Nm | 2309 | 40 | 35 | 1.025 | 2353 | 925 | 745 | 13,20 |

DREMOMETER SE

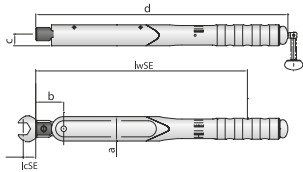
Technical information Quick-fitting change

Quick-change system with pin locking guarantees flexible and swift working methods. Ideal for installations in confined and poorly accessible spaces. Depending on the application for the DREMOMETER SE, access is possible from the front and side.



7480 SE - 7482 SE

Torque wrench DREMOMETER SE A+S with pre-set value locking and safety device (A+S)



- > Fixed DREMOMETERS for series production
- > SE receptacle for inserting tools (jaw, ring, reversible ratchet, ring ratchet...)
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %

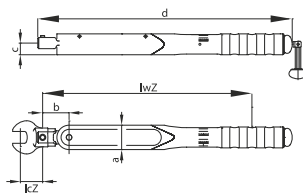


- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Actuation only at the handle centre
- > For special insertion tools, observe the gauge block
- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)

| Code | No. | Type | mm | Nm | lbf-in | lbf-ft | سلسله | lwSE | lcSE | a | d | kg |
|---------|---------|--------------------|------------|--------|--------|--------|------------------|-------|------|----|-----|------|
| 1427059 | 7480-01 | Rectangular cavity | 9 x 12 mm | 8-40 | 70-50 | | 5 Nm / 50 lbf-in | 302 | 17,5 | 35 | 361 | 0,95 |
| 1427091 | 7481-01 | Rectangular cavity | 9 x 12 mm | 25-120 | | 18-90 | 5 Nm / 5 lbf-ft | 413,5 | 17,5 | 35 | 484 | 1,25 |
| 1427105 | 7482-01 | Rectangular cavity | 14 x 18 mm | 80-400 | | 60-300 | 5 Nm / 5 lbf-ft | 582 | 25,0 | 35 | 653 | 1,70 |

7460 Z - 7471 Z

Torque wrench DREMOMETER Z A+S with pre-set value locking and safety device (A+S)



- > Fixed DREMOMETERS for series production
- > Spigot holder for push-on tools (jaw, ring, reversible ratchet)
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %

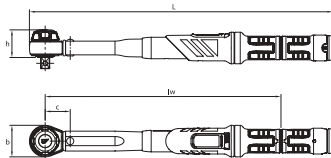


- > Certificate according to DIN EN ISO 6789:2017 part 2
- > Actuation only at the handle centre
- > Observe the gauge block for special attachments
- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)

| Code | No. | Type | Ø | Nm | lbf-in | lbf-ft | سلسله | lwZ | lcZ | a | c | d | kg |
|---------|---------|-----------|----|----------|--------|---------|-----------|------|------|----|----|-------|------|
| 1427067 | 7460-01 | Drive pin | 16 | 8-40 | 70-350 | | 50 lbf-in | 300 | 32,0 | 35 | 16 | 354 | 1,00 |
| 1427075 | 7461-01 | Drive pin | 16 | 25-120 | | 18-90 | 5 lbf-ft | 412 | 32,0 | 35 | 16 | 477,5 | 1,45 |
| 1225669 | 7462-01 | Drive pin | 16 | 80-400 | | 60-300 | 5 lbf-ft | 567 | 32,0 | 35 | 16 | 633 | 2,00 |
| 1427083 | 7463-10 | Drive pin | 22 | 140-620 | | 100-450 | 10 lbf-ft | 768 | 45,0 | 45 | 18 | 834,5 | 3,00 |
| 1521977 | 7471-01 | Drive pin | 28 | 520-1000 | | 380-730 | 10 lbf-ft | 1221 | 75,0 | 45 | 18 | 1.319 | 5,50 |

DMK

Torque wrench DREMASTER® K 20-850 Nm



- > 1/2" mushroom head with push-button release, integrated ratchet function, from DMK 400 with 3/4" square socket
- > For controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %



- > Ergonomically shaped plastic handgrip with calibration aid
- > Switching between main scale Nm and sub scale lbf-ft, no reading errors
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code | No. | " | mm | Nm | lbf-ft | سلسله | vernier Nm | L | lw | h | b | kg |
|---------|---------|------|------|---------|---------|-------------------|------------|---------|--------|------|------|------|
| 2641232 | DMK 100 | 1/2" | 12,5 | 20-100 | 15-75 | 5 Nm / 5 lbf-ft | 0,5 Nm | 423,5 | 423,5 | 38,5 | 44 | 1,25 |
| 2641240 | DMK 200 | 1/2" | 12,5 | 40-200 | 30-150 | 10 Nm / 10 lbf-ft | 1 Nm | 514,5 | 514,5 | 38,5 | 44 | 1,40 |
| 2641259 | DMK 300 | 1/2" | 12,5 | 60-300 | 45-220 | 10 Nm / 10 lbf-ft | 1 Nm | 606,4 | 511,1 | 38,4 | 46 | 1,40 |
| 2641267 | DMK 400 | 3/4" | 20 | 80-400 | 60-300 | 10 Nm / 10 lbf-ft | 1 Nm | 712,5 | 608,9 | 38 | 62,5 | 2,50 |
| 2641275 | DMK 550 | 3/4" | 20 | 110-550 | 80-405 | 10 Nm / 10 lbf-ft | 1 Nm | 953,2 | 846,4 | 38 | 69 | 3,90 |
| 2641283 | DMK 750 | 3/4" | 20 | 150-750 | 110-550 | 10 Nm / 10 lbf-ft | 1 Nm | 1.228,2 | 1121,4 | 38 | 69 | 5,00 |
| 2641291 | DMK 850 | 3/4" | 20 | 250-850 | 185-630 | 10 Nm / 10 lbf-ft | 1 Nm | 1.375,2 | 1268,4 | 38 | 69 | 5,40 |

i DREMASTER DMK

Robust torque wrench with square drive and integrated ratchet-head function for controlled bi-directional tightening and interchangeable mushroom head with push-button release.



NONIUS

Model-dependent intervals of 1 or 0.5 Nm allow very accurate settings.



LIGHTWEIGHT AND RELIABLE

Locking button enables reliable locking of the torque setting. "Torque adjustable" reference by means of opened lock symbol. Provision for rapid setting from the separate hexagon allen key fixture.



DUAL SCALE WITH MAIN AND ALTERNATIVE UNIT (NM/lbf-FT)

Main unit Nm with vernier. At all times only one unit in the viewing area = avoids any reading errors. Change-over switch next to the scale for straightforward unit selection.



2

AUTOMATIC ACTUATION

The DREMASTER® DMK actuates with a clear tactile impulse and audible signal and is immediately ready for operation again.



3

DIN EN ISO

Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate allowing for operations to be traced back. Calibrated to a permitted +/- 3 % deviation and better. The specifications of the standard (+/- 4 %) are exceeded

4

ROBUST STEEL TUBE

With high corrosion protection, chrome-plated, satin powdercoated

5

ADDITIONAL PROTECTION OF THE SERIAL NUMBER

Concealed setting drill hole = secured adjusting/setting system Serial number on the wrench and on the certificate for unambiguous product identification, traceable via in-house DAKS laboratory to national standards

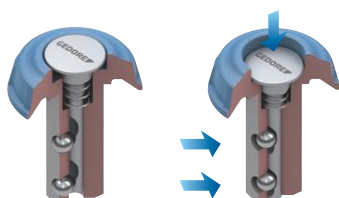
6

HANDGRIP WITH A USER AID

Grey plastic handgrip, new ergonomically enhanced shape, with an indentation in the middle of the handgrip. User aid and reference points for calibration.

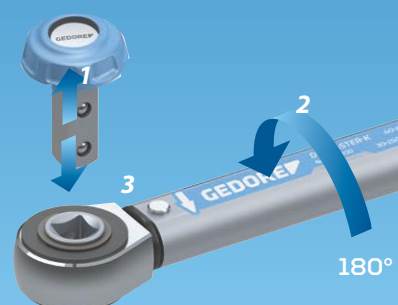


TECHNICAL INFORMATION ANTI-LOSS ATTACHMENT



In order to change the turning direction of the DREMASTER® DMK:

- 1 Press on the push-button with your thumb and take out the mushroom head
- 2 Turn the wrench
- 3 Re-insert the square drive



i DREMASTER DMUK

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



1

DRIVE

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

2

ROBUST TUBULAR STEEL

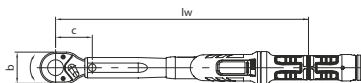
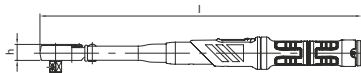
With high corrosion protection, satin powder-coated, with zinc-plated ratchet head

FEATURES



DMUK

Torque wrench DREMASTER® UK
20-300 Nm / 15-220 lbf-ft



- > With integrated 1/2" switch square
- > For controlled directional tightening
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %
- > Ergonomically shaped plastic handgrip with calibration aid



- > Switching between main scale Nm and sub scale lbf-ft, no reading errors
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code | No. | ■" | ■mm | Nm | lbf-ft | ■ | vernier Nm | L | lw | h | b | ⚖ |
|---------|----------|------|------|--------|--------|-------------------|------------|-------|-------|----|------|-----|
| 2641305 | DMUK 100 | 1/2" | 12,5 | 20-100 | 15-75 | 5 Nm / 5 lbf-ft | 0,5 Nm | 437,7 | 344,2 | 22 | 42,5 | 1,2 |
| 2641313 | DMUK 200 | 1/2" | 12,5 | 40-200 | 30-150 | 10 Nm / 10 lbf-ft | 1 Nm | 528,7 | 435,2 | 22 | 42,5 | 1,4 |
| 2641348 | DMUK 300 | 1/2" | 12,5 | 60-300 | 45-220 | 10 Nm / 10 lbf-ft | 1 Nm | 619,6 | 526,1 | 22 | 42,5 | 1,6 |

DMKPK

Mushroom head
DREMASTER® DMK

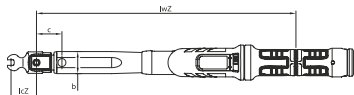
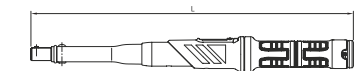
- > 1/2" mushroom head with release button



| Code | No. | ■" | ■mm | □" | □mm | ⚖ |
|---------|---------|------|------|------|------|-------|
| 2551829 | DMKPK 7 | 1/2" | 12,5 | 1/2" | 12,5 | 0,064 |

DMZ

Torque wrench DREMASTER® Z
20-850 Nm / 15-630 lbf-ft



- > Spigot holder for push-on tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %
- > Ergonomically shaped plastic handgrip with calibration aid

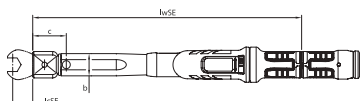
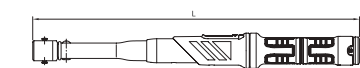
- > Switching between main scale Nm and sub scale lbf-ft, no reading errors
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For special tools observe the gauge block



| Code | No. | Ø | Nm | lbf-ft | سسسس | vernier Nm | L | lwZ | lcZ | ⚖️ |
|---------|---------|----|---------|---------|-------------------|------------|---------|--------|------|-----|
| 2641518 | DMZ 100 | 16 | 20-100 | 15-75 | 5 Nm / 5 lbf-ft | 0,5 Nm | 405,5 | 326,2 | 32,0 | 1,0 |
| 2641526 | DMZ 200 | 16 | 40-200 | 30-150 | 10 Nm / 10 lbf-ft | 1 Nm | 230 | 417,2 | 32,0 | 1,1 |
| 2641534 | DMZ 300 | 16 | 60-300 | 45-220 | 10 Nm / 10 lbf-ft | 1 Nm | 587,4 | 508,1 | 32,0 | 1,3 |
| 2641542 | DMZ 400 | 16 | 80-400 | 60-300 | 10 Nm / 10 lbf-ft | 1 Nm | 677,2 | 597,9 | 32,0 | 1,8 |
| 2641550 | DMZ 550 | 22 | 110-550 | 80-405 | 10 Nm / 10 lbf-ft | 1 Nm | 912,7 | 831,4 | 56,0 | 3,3 |
| 2641569 | DMZ 750 | 22 | 150-750 | 110-550 | 10 Nm / 10 lbf-ft | 1 Nm | 1.193,7 | 1121,7 | 56,0 | 4,4 |
| 2641577 | DMZ 850 | 22 | 250-850 | 185-630 | 10 Nm / 10 lbf-ft | 1 Nm | 1.340,7 | 1259,4 | 56,0 | 5,0 |

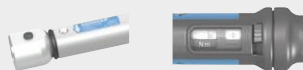
DMSE

Torque wrench DREMASTER® SE
20-400 Nm / 15-300 lbf-ft



- > SE holder for insert tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %
- > Ergonomically shaped plastic handgrip with calibration aid

- > Switching between main scale Nm and sub scale lbf-ft, no reading errors
- > Provision for rapid setting with hexagon allen key, not included
- > Secured adjusting/setting system
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For special tools observe the gauge block



| Code | No. | mm | Nm | lbf-ft | سسسس | vernier Nm | L | lwSE | lcSE | ⚖️ |
|---------|----------|------------|--------|--------|-------------------|------------|-------|-------|------|------|
| 2641445 | DMSE 100 | 9 x 12 mm | 20-100 | 15-75 | 5 Nm / 5 lbf-ft | 0,5 Nm | 398,5 | 326,2 | 17,5 | 1,00 |
| 2641453 | DMSE 150 | 9 x 12 mm | 30-150 | 22-110 | 10 Nm / 10 lbf-ft | 1 Nm | 489,5 | 417,2 | 17,5 | 1,16 |
| 2641461 | DMSE 200 | 14 x 18 mm | 40-200 | 30-150 | 10 Nm / 10 lbf-ft | 1 Nm | 499,5 | 427,2 | 25,0 | 1,25 |
| 2641488 | DMSE 300 | 14 x 18 mm | 60-300 | 45-220 | 10 Nm / 10 lbf-ft | 1 Nm | 590,4 | 518,1 | 25,0 | 1,40 |
| 2641496 | DMSE 400 | 14 x 18 mm | 80-400 | 60-300 | 10 Nm / 10 lbf-ft | 1 Nm | 677,2 | 604,9 | 25,0 | 2,00 |

i TORCOFIX K

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



1

CHROME-PLATED RATCHET HEAD

All 1/4" - 1/2" square drives of the TORCOFIX K-series with mushroom head. This mushroom head prevents an unintentional pulling out of the whole square drive when changing the nut socket.



2

AUTOMATIC ACTUATION

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



3

DIN EN ISO

Classified to DIN EN ISO 6789-2:2017 Type II Class A, with a factory certificate allowing for operations to be traced back. Adjusted to a permitted +/- 3 % deviation and better. The specifications of the standard (+/- 4 %) are exceeded.

4

ROBUST STEEL TUBE

With high corrosion protection, chrome-plated, silk-metal.

5

SERIAL NUMBER

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

6

HANDGRIP WITH A USER AID

Plastic handgrip, new ergonomically enhanced shape, with an indentation in the middle of the handgrip. User aid and reference points for calibration.



MICROMETRE SCALE

Optimised shape, stable scale frame with redshaded micrometre scale ring. Model-dependent intervals of 0.025, 0.1, 0.25, 0.5 or 1 Nm allow very accurate settings.

Improved shape, stable scale frame with red underlaid micrometer scale ring. Model-dependent graduations of 0.025, 0.1, 0.25, 0.5 or 1 Nm allow a very precise setting.



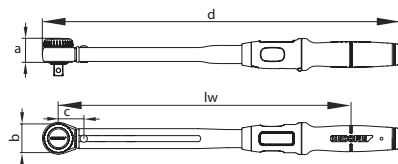
LIGHTWEIGHT AND RELIABLE

Locking button enables reliable locking of the torque setting



NEW

TF-K

Torque wrench Torcofix TF-K
20-850 Nm / 15-630 lbf-ft

Use:

- > Controlled screw tightening in the most common range of 20 - 850 Nm / 15 - 630 lbf-ft
- > Adjustable, releasing and sturdy tubular torque wrench with integrated ratchet and with square drive for industry and the trades

Features:

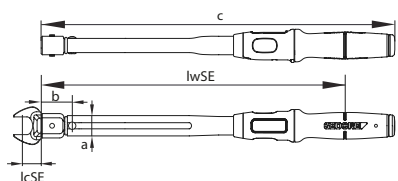
- > Classified as per DIN EN ISO 6789-2:2017 Type II Class A; adjusted to a maximum permissible +/-3% deviation and thus with a greater precision than the standard-stipulated +/-4%
- > Incl. traceable test certificate (DIN EN ISO 6789-2:2017)
- > For controlled bi-directional tightening
- > 1/2" mushroom head square with ball lock. From 3/4" with square socket and pin retention
- > Robust, matt powder-coated tubular steel construction, with galvanized ratchet and high-quality plastic parts
- > New ergonomic handle, shaped according to the natural grip position of the hand

- > Clearly recognisable and tactile hand centring aid and calibration aid in the middle of the handle
- > Double scale Nm / lbf-ft and vernier are protected from abrasion and contamination by an enlarged viewing window
- > With vernier scale for Nm main scale for setting intermediate scale values; lbf-ft setting only via main scale
- > Vertical alignment of the scale, torque adjustment therefore suitable for left and right handers
- > Scale line positioned directly above the scale prevents reading errors (parallax errors)
- > Unit labeling integrated in the scale frame and also protected by viewing windows,
- > Precise jump-off mechanism generates a clearly perceptible and audible trigger signal when the set torque value is reached
- > Incl. roll away protection, prevents rolling away when the tool is put down

| Code | No. | " | mm | Nm | lbf-ft | vernier Nm | lw | a | b | d | |
|---------|---------|------|------|---------|---------|------------|--------|----|------|-------|------|
| 3278379 | TF-K100 | 1/2" | 12,5 | 20-100 | 15-75 | 0,5 Nm | 313,3 | 36 | 44,0 | 403 | 0,97 |
| 3278387 | TF-K200 | 1/2" | 12,5 | 40-200 | 30-150 | 1 Nm | 404,3 | 36 | 44,0 | 494 | 1,18 |
| 3278395 | TF-K300 | 1/2" | 12,5 | 60-300 | 45-220 | 1 Nm | 495,3 | 36 | 46,0 | 586 | 1,37 |
| 3278409 | TF-K400 | 3/4" | 20 | 80-400 | 60-300 | 1 Nm | 593,3 | 31 | 62,5 | 692,5 | 1,93 |
| 3278492 | TF-K550 | 3/4" | 20 | 110-550 | 80-405 | 1 Nm | 863,8 | 31 | 69,0 | 966 | 3,60 |
| 3278514 | TF-K850 | 3/4" | 20 | 250-850 | 185-630 | 1 Nm | 1285,8 | 31 | 69,0 | 1.388 | 4,80 |

NEW

TF-SE

Torque wrench TORCOFIX TF-SE
20-400 Nm / 15-300 lbf-ft

Use:

- > Adjustable, releasing and sturdy tubular torque wrench with rectangular cavity for industry and the trades

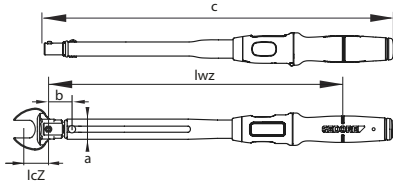
Features:

- > Classified as per DIN EN ISO 6789-2:2017 Type II Class A; adjusted to a maximum permissible +/-3% deviation and thus with a greater precision than the standard-stipulated +/-4%
- > Incl. traceable test certificate (DIN EN ISO 6789-2:2017)
- > Robust, matt powder-coated tubular steel construction, with galvanized ratchet and high-quality plastic parts
- > New ergonomic handle, shaped according to the natural grip position of the hand
- > Clearly recognisable and tactile hand centring aid and calibration aid in the middle of the handle

- > Double scale Nm / lbf-ft and vernier are protected from abrasion and contamination by an enlarged viewing window
- > With vernier scale for Nm main scale for setting intermediate scale values; lbf-ft setting only via main scale
- > Vertical alignment of the scale, torque adjustment therefore suitable for left and right handers
- > Scale line positioned directly above the scale prevents reading errors (parallax errors)
- > Unit labeling integrated in the scale frame and also protected by viewing windows,
- > Precise jump-off mechanism generates a clearly perceptible and audible trigger signal when the set torque value is reached
- > Incl. roll away protection, prevents rolling away when the tool is put down



| Code | No. | Nm | lbf-ft | | vernier Nm | c | lwSE | lcSE | |
|---------|----------|--------|--------|-------|------------|-----|-------|------|------|
| 3278522 | TF-SE100 | 20-100 | 15-75 | 5 Nm | 0,5 Nm | 378 | 310,3 | 17,5 | 0,77 |
| 3278530 | TF-SE150 | 30-150 | 22-110 | 10 Nm | 1 Nm | 469 | 401,3 | 17,5 | 0,93 |
| 3278549 | TF-SE200 | 40-200 | 30-150 | 10 Nm | 1 Nm | 479 | 411,3 | 25,0 | 1,01 |
| 3278557 | TF-SE300 | 60-300 | 45-220 | 10 Nm | 1 Nm | 570 | 502,3 | 25,0 | 1,19 |
| 3278565 | TF-SE400 | 80-400 | 60-300 | 10 Nm | 1 Nm | 657 | 589,3 | 25,0 | 1,62 |

NEW**TF-Z**Torque wrench TORCOFIX TF-Z
20-850 Nm / 15-630 lbf-ft**Use:**

- > Controlled screw tightening in the most common range of 20 - 850 Nm / 15 - 630 lbf-ft
- > Adjustable, releasing and sturdy tubular torque wrench with spigot end for industry and the trades

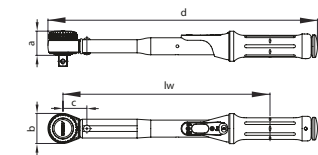
Features:

- > Classified as per DIN EN ISO 6789-2:2017 Type II Class A; adjusted to a maximum permissible +/-3% deviation and thus with a greater precision than the standard-stipulated +/-4%
- > Incl. traceable test certificate (DIN EN ISO 6789-2:2017)
- > For controlled right- and left-hand tightening (change tool for changing direction)
- > Trunnion mounting in the versions Ø 16 mm and Ø 22 mm
- > Factory depth gauge: 32 mm (Ø 16 mm) or 56 mm (Ø 22 mm)
- > Robust, matt powder-coated tubular steel construction, with galvanized ratchet and high-quality plastic parts



- > New ergonomic handle, shaped according to the natural grip position of the hand
- > Clearly recognisable and tactile hand centring aid and calibration aid in the middle of the handle
- > Double scale Nm / lbf-ft and vernier are protected from abrasion and contamination by an enlarged viewing window
- > With vernier scale for Nm main scale for setting intermediate scale values; lbf-ft setting only via main scale
- > Vertical alignment of the scale, torque adjustment therefore suitable for left and right handers
- > Scale line positioned directly above the scale prevents reading errors (parallax errors)
- > Unit labeling integrated in the scale frame and also protected by viewing windows,
- > Precise jump-off mechanism generates a clearly perceptible and audible trigger signal when the set torque value is reached
- > Incl. roll away protection, prevents rolling away when the tool is put down

| Code | No. | Ø | Nm | lbf-ft | Scale | vernier Nm | lwZ | lcZ | c | kg |
|---------|---------|----|---------|---------|-------|------------|--------|------|---------|------|
| 3278573 | TF-Z100 | 16 | 20-100 | 15-75 | 5 Nm | 0,5 Nm | 310,3 | 32,0 | 385 | 0,76 |
| 3278581 | TF-Z200 | 16 | 40-200 | 30-150 | 10 Nm | 1 Nm | 401,3 | 32,0 | 476 | 0,92 |
| 3278603 | TF-Z300 | 16 | 60-300 | 45-220 | 10 Nm | 1 Nm | 492,3 | 32,0 | 492,3 | 1,15 |
| 3278611 | TF-Z400 | 16 | 80-400 | 60-300 | 10 Nm | 1 Nm | 582,3 | 32,0 | 657 | 1,55 |
| 3278638 | TF-Z550 | 22 | 110-550 | 80-405 | 10 Nm | 1 Nm | 848,8 | 56,0 | 925,5 | 2,94 |
| 3278654 | TF-Z850 | 22 | 250-850 | 185-630 | 10 Nm | 1 Nm | 1276,8 | 56,0 | 1.353,5 | 4,39 |

4549 - 4550 - 4551Torque wrench TORCOFIX K
1-850 Nm / 0,75-630 lbf-ft

- > 1/4", 3/8", 1/2" mushroom head square. From 3/4" with square drive
- > For controlled bi-directional tightening
- > You can feel and hear an audible automatic click



- > Highest accuracy max. deviation of +/- 3 %
- > Ergonomic system for torque adjustment
- > Double scale Nm and lbf-ft
- > Certificate according to DIN EN ISO 6789:2017 part 2

| Code | No. | " | mm | Nm | lbf-ft | Scale | vernier Nm | lw | a | b | d | kg |
|---------|---------|------|------|---------|----------|-------------------|------------|--------|------|------|---------|-------|
| 2201429 | 4549-00 | 1/4" | 6,3 | 1-5 | 0,75-3,7 | 25 Nm / 25 lbf-ft | 0,025 Nm | 146 | 25,3 | 35,0 | 224 | 0,432 |
| 1545132 | 4549-02 | 1/4" | 6,3 | 5-25 | 3,7-18 | 1 Nm / 1 lbf-ft | 0,1 Nm | 206,5 | 25,3 | 35,0 | 284,5 | 0,680 |
| 1545140 | 4549-05 | 3/8" | 10 | 10-50 | 7,5-37 | 25 Nm / 25 lbf-ft | 0,25 Nm | 256,5 | 25,3 | 35,0 | 334,5 | 0,550 |
| 7601530 | 4550-10 | 1/2" | 12,5 | 20-100 | 15-75 | 5 Nm / 5 lbf-ft | 0,5 Nm | 303,2 | 36 | 44,0 | 394,5 | 1,340 |
| 7601610 | 4550-20 | 1/2" | 12,5 | 40-200 | 30-150 | 10 Nm / 10 lbf-ft | 1 Nm | 394,2 | 36 | 44,0 | 485,5 | 1,344 |
| 7601880 | 4550-30 | 1/2" | 12,5 | 60-300 | 45-220 | 10 Nm / 10 lbf-ft | 1 Nm | 485,2 | 36 | 46,0 | 577,5 | 1,504 |
| 7674330 | 4550-40 | 3/4" | 20 | 80-400 | 60-300 | 10 Nm / 10 lbf-ft | 1 Nm | 583,2 | 31 | 62,5 | 684 | 1,988 |
| 7674760 | 4550-55 | 3/4" | 20 | 110-550 | 80-405 | 10 Nm / 10 lbf-ft | 1 Nm | 853,7 | 31 | 69,0 | 957,5 | 4,224 |
| 1521365 | 4550-75 | 3/4" | 20 | 150-750 | 110-550 | 10 Nm / 10 lbf-ft | 1 Nm | 1128,7 | 38 | 69,0 | 1.232,5 | 5,400 |
| 1950525 | 4551-85 | 3/4" | 20 | 250-850 | 185-630 | 10 Nm / 10 lbf-ft | 1 Nm | 1275,7 | 38 | 69,0 | 1.379,5 | 5,400 |

4549 - 4550

Mushroom head
TORCOFIX K



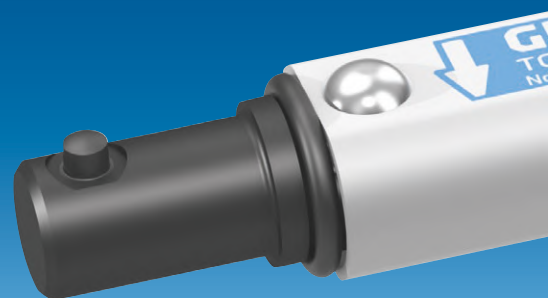
- > 1/4", 3/8" or 1/2" square drive with ball locking device

| Code | No. | □" | □ | ■" | ■ | ∅ mm | kg |
|----------------|---------|-------------|------|------|------|------|-------|
| 1545167 | 4549-87 | 3/8" - 1/4" | 10,0 | 1/4" | 6,3 | 35 | 0,021 |
| 1566385 | 4549-88 | 3/8" - 3/8" | 10,0 | 3/8" | 10 | 35 | 0,022 |
| 7079370 | 4550-85 | 1/2" - 1/2" | 12,5 | 1/2" | 12,5 | 44 | 0,060 |

i TORCOFIX Z

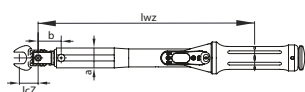
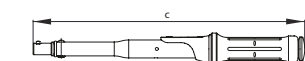
Technical Information Z

- The large cross-section of the spigot end transfers a maximum torque. "Quick-change system" with a locking pin mechanism guarantees that work takes place flexibly and rapidly.
- Ideal for bolted connections in cramped and hard-to-access locations. Depending on how the TORCOFIX Z is used, it is possible to work both in the forward direction and also to the side. For anti-clockwise tightening, simply turn the torque wrench through 180°



4400 - 4485

Torque wrench TORCOFIX Z
5-850 Nm / 3,7-630 lbf-ft



- > Spigot holder for push-on tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %



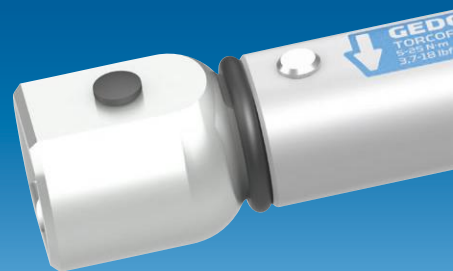
- > Ergonomic system for torque adjustment
- > Double scale Nm and lbf-ft
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For special tools observe the gauge block

| Code | No. | ∅ | Nm | lbf-ft | █ | vernier Nm | lwZ | lcZ | c | kg |
|----------------|---------|----|---------|---------|-------|------------|--------|------|-------|------|
| 1646168 | 4400-02 | 16 | 5-25 | 3,7-18 | 1 Nm | 0,1 Nm | 210,5 | 32,0 | 278 | 0,30 |
| 1646176 | 4405-05 | 16 | 10-50 | 7,5-37 | 25 Nm | 0,25 Nm | 260,5 | 32,0 | 328 | 0,39 |
| 7097270 | 4410-01 | 16 | 20-100 | 15-75 | 5 Nm | 0,5 Nm | 300,2 | 32,0 | 376,5 | 0,70 |
| 7097350 | 4420-01 | 16 | 40-200 | 30-150 | 10 Nm | 1 Nm | 391,2 | 32,0 | 467,5 | 0,86 |
| 7097430 | 4430-01 | 16 | 60-300 | 45-220 | 10 Nm | 1 Nm | 482,2 | 32,0 | 558,5 | 1,08 |
| 7094090 | 4440-01 | 16 | 80-400 | 60-300 | 10 Nm | 1 Nm | 572,2 | 32,0 | 648,5 | 1,39 |
| 7501310 | 4450-01 | 22 | 110-550 | 80-405 | 10 Nm | 1 Nm | 838,7 | 56,0 | 917 | 3,00 |
| 1521381 | 4475-01 | 22 | 150-750 | 110-550 | 10 Nm | 1 Nm | 1119,9 | 56,0 | 1.198 | 4,06 |
| 1997009 | 4485-01 | 22 | 250-850 | 185-630 | 10 Nm | 1 Nm | 1266,7 | 56,0 | 1.345 | 4,43 |

TORCOFIX SE

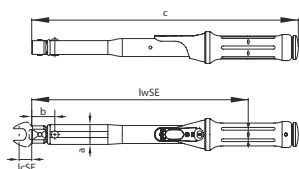
Technical Information - Quick-fitting change (SE)

Quick-change system with pin locking guarantees flexible and swift working methods. Ideal for installations in confined and poorly accessible spaces. Depending on the application for the TORCOFIX SE, access is possible from the front and side.



4100 - 4301

Torque wrench TORCOFIX SE
5-400 Nm / 3,7-300 lbf-ft



- > SE holder for insert tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %

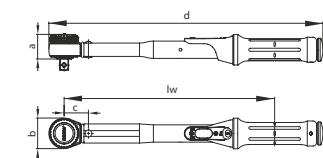


- > Ergonomic system for torque adjustment
- > Double scale Nm and lbf-ft
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For special tools observe the gauge block

| Code | No. | mm | Nm | lbf-ft | Scale | vernier Nm | c | lwSE | lcSE | Weight |
|---------|---------|---------|--------|--------|-------|------------|-------|-------|------|--------|
| 1646192 | 4101-02 | 9 x 12 | 5-25 | 3,7-18 | 1 Nm | 0,1 Nm | 273 | 212,5 | 17,5 | 0,320 |
| 1646206 | 4101-05 | 9 x 12 | 10-50 | 7,5-37 | 25 Nm | 0,25 Nm | 323 | 262,5 | 17,5 | 0,399 |
| 7600210 | 4100-01 | 9 x 12 | 20-100 | 15-75 | 5 Nm | 0,5 Nm | 369,5 | 300,2 | 17,5 | 0,730 |
| 1654934 | 4200-02 | 9 x 12 | 30-150 | 22-110 | 10 Nm | 1 Nm | 460,5 | 391,2 | 17,5 | 0,896 |
| 7600990 | 4201-01 | 14 x 18 | 40-200 | 30-150 | 10 Nm | 1 Nm | 470,5 | 401,2 | 25,0 | 0,959 |
| 7601020 | 4300-01 | 14 x 18 | 60-300 | 45-220 | 10 Nm | 1 Nm | 561,5 | 492,2 | 25,0 | 1,177 |
| 7604120 | 4301-01 | 14 x 18 | 80-400 | 60-300 | 10 Nm | 1 Nm | 648,5 | 579,2 | 25,0 | 1,589 |

3549 UK - 3550 UK

Torque wrench TORCOFLEX UK
1-550 Nm



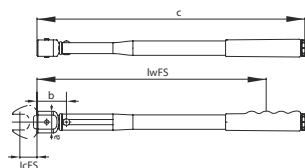
- > Adjustable, releasing and sturdy tubular torque wrench with integrated lever ratchet and with square drive for industry and the trades
- > Classified according to DIN EN 6789:2017 Type II Class A, calibrated to a maximum permissible deviation of +/- 3 % and thus more precise than the +/- 4 % required in the standard

- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For controlled directional tightening

| Code | No. | " | mm | Nm | vernier Nm | lw | a | b | d | Weight |
|---------|------------|------|------|---------|------------|-------|------|------|-------|--------|
| 2958007 | 3549-00 UK | 1/4" | 6,3 | 1-5 | 0,025 Nm | 152 | 15 | 25,0 | 225 | 0,610 |
| 2958015 | 3549-02 UK | 1/4" | 6,3 | 5-25 | 0,1 Nm | 212,5 | 21,5 | 25,0 | 285,5 | 0,670 |
| 2958023 | 3549-05 UK | 3/8" | 10 | 10-50 | 0,25 Nm | 270,5 | 19,1 | 35,0 | 348,5 | 0,825 |
| 2958031 | 3550-10 UK | 1/2" | 12,5 | 20-100 | 0,5 Nm | 318,2 | 22 | 42,5 | 408,8 | 1,380 |
| 2958058 | 3550-20 UK | 1/2" | 12,5 | 40-200 | 1 Nm | 409,2 | 22 | 42,5 | 499,8 | 1,467 |
| 2958066 | 3550-30 UK | 1/2" | 12,5 | 60-300 | 1 Nm | 500,2 | 22 | 42,5 | 590,8 | 1,740 |
| 2958074 | 3550-40 UK | 3/4" | 20 | 80-400 | 1 Nm | 634,2 | 36 | 68,0 | 737,5 | 3,440 |
| 2958082 | 3550-55 UK | 3/4" | 20 | 110-550 | 1 Nm | 894,7 | 36 | 68,0 | 998 | 3,700 |

4150 - 4151

Torque wrench for
pre-setting TORCOFIX FS
5-200 Nm



- > SE holder for insert tools (jaw, ring, reversible ratchet)
- > For controlled bi-directional tightening
- > You can feel and hear an audible automatic click
- > Highest accuracy max. deviation of +/- 3 %

- > Ergonomic system for torque adjustment
- > Certificate according to DIN EN ISO 6789:2017 part 2
- > For special tools observe the gauge block
- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)

| Code | No. | mm | Nm | lwFS | lcFS | a | c | kg |
|---------|-------------------|---------|--------|------|------|----|-----|------|
| 7601960 | 4150-25 OHNE FEST | 9 x 12 | 5-25 | 134 | 17,5 | 22 | 186 | 0,30 |
| 7602180 | 4150-50 OHNE FEST | 9 x 12 | 10-50 | 194 | 17,5 | 22 | 246 | 0,27 |
| 7602850 | 4150-85 OHNE FEST | 9 x 12 | 17-85 | 277 | 17,5 | 22 | 329 | 0,34 |
| 7603580 | 4151-20 OHNE FEST | 14 x 18 | 40-200 | 357 | 25 | 33 | 410 | 0,75 |

PRIME FH

Torque screwdriver Type PRIME FH
0,2-4,5 Nm / pre-set



- > Basic model
- > Adjustable torque screwdriver for series assembly
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > For error proof controlled directional tightening, anti-clockwise operation for loosening
- > It is not possible to over-tighten the screw

- > Deviation of +/- 10 % without certificate
- > Fixed setting by hand on a test device
- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)
- > Fatigue-free working through ergonomic handle

| Code | No. | " | mm | cNm | Nm | mm | kg |
|---------|--------------|------|-----|--------|---------|-----|-------|
| 2927721 | PRIME 150 FH | 1/4" | 6,3 | 20-150 | 0,2-1,5 | 138 | 0,198 |
| 2927748 | PRIME 450 FH | 1/4" | 6,3 | 50-450 | 0,5-4,5 | 138 | 0,198 |

ESD FH

Torque screwdriver type ESD FS
0,05-13,5 Nm / pre-set



- > Fixed torque wrench for series assembly
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > With slip clutch for error proof controlled right and left hand tightening
- > It is not possible to over-tighten the screw
- > Test certificate according to DIN EN ISO 6789, permissible deviation of +/- 6 %
- > EPA (Electrostatic Protected Area) compliant

- > Fixed setting at GEDORE or by hand on a test device
- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)
- > Fatigue-free working through ergonomic handle
- > Models 4.5 and 13.5 with additional removable T-bar for ease of use



| Code | No. | " | mm | cNm | Nm | mm | kg |
|---------|-------------|------|-----|----------|-----------|-----|------|
| 2927799 | ESD 25 FH | 1/4" | 6,3 | 5-25 | 0,05-0,25 | 132 | 0,21 |
| 2927802 | ESD 150 FH | 1/4" | 6,3 | 20-150 | 0,2-1,5 | 132 | 0,21 |
| 2927810 | ESD 450 FH | 1/4" | 6,3 | 50-450 | 0,5-4,5 | 140 | 0,23 |
| 2927829 | ESD 1350 FH | 1/4" | 6,3 | 250-1350 | 2,5-13,5 | 140 | 0,23 |

PRO FH

Torque screwdriver Type PRO FH
0,05-13,5 Nm / pre-set



- > Fixed torque wrench for series assembly
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > With slip clutch for error proof controlled right and left hand tightening
- > It is not possible to over-tighten the screw
- > Test certificate according to DIN EN ISO 6789, permissible deviation of +/- 6 %
- > Fixed setting at GEDORE or by hand on a test device
- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)

- > Fatigue-free working through ergonomic handle
- > Models 4.5 and 13.5 with additional removable T-bar for ease of use



| Code | No. | Hex " | Hex mm | cNm | Nm | Length mm | Weight kg |
|---------|-------------|-------|--------|----------|-----------|-----------|-----------|
| 2927756 | PRO 25 FH | 1/4" | 6,3 | 5-25 | 0,05-0,25 | 132 | 0,21 |
| 2927764 | PRO 150 FH | 1/4" | 6,3 | 20-150 | 0,2-1,5 | 132 | 0,23 |
| 2927772 | PRO 450 FH | 1/4" | 6,3 | 50-450 | 0,5-4,5 | 140 | 0,23 |
| 2927780 | PRO 1350 FH | 1/4" | 6,3 | 250-1350 | 2,5-13,5 | 140 | 0,23 |

TLS

Torque screwdriver Type FS
0,04-13,6 Nm / pre-set



- > Fixed torque wrench for series assembly
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > With slip clutch for error proof controlled right and left hand tightening
- > It is not possible to over-tighten the screw
- > Test certificate according to DIN EN ISO 6789, permissible deviation of +/- 6 %
- > Fatigue-free working through ergonomic handle
- > Fixed setting at GEDORE or by hand on a test device

- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)
- > Model No. TLS1360 FH BLUE with additional cross handle
- > Delivery in sturdy cardboard packaging



| Code | No. | Hex " | Hex mm | Bit " | Bit mm | cNm | Nm | Length mm | Weight kg |
|---------|-----------------------|-------|--------|-------|--------|----------|-----------|-----------|-----------|
| 1471481 | TLS0022 MICRO FH BLUE | 1/4" | 6.3 | 1/4" | 6,3 | 4,4-22 | 0,04-0,22 | 76 | 0,050 |
| 1471473 | TLS0022 FH BLUE | 1/4" | 6.3 | 1/4" | 6,3 | 4,4-22 | 0,04-0,22 | 104 | 0,072 |
| 1471465 | MIN FH BLUE | 1/4" | 6.3 | 1/4" | 6,3 | 27-135 | 0,27-1,35 | 111 | 0,210 |
| 1471457 | STD FH BLUE | 1/4" | 6.3 | 1/4" | 6,3 | 80-400 | 0,8-4 | 127 | 0,280 |
| 1228501 | TLS1360 FH BLUE | 1/4" | 6.3 | 1/4" | 6,3 | 280-1360 | 2,8-13,6 | 137 | 0,325 |

i TORQUE SCREWDRIVERS QSN



1 "POSITIV-LOCK"-SYSTEM

Locks the set torque, reliably preventing it from wrong setting.

2 SCALE

Clearly readable scale ring; enables you to make the setting accurately, quickly and without error.

3 SLIDING T-BAR

Made of quality steel, can be adapted to enhance users transmission of power.

4 1/4"-DRIVE TYPE

Made of stainless steel, for industry-standard bits.

5 RUBBER HANDGRIP

Ergonomic, can be held securely in your hand.

QSN
Torque screwdriver Type 5
0,08-9 Nm



- > Adjustable torque screwdriver with scale
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > With slip clutch for error proof controlled right and left hand tightening
- > It is not possible to over-tighten the screw
- > Test certificate acc. to DIN EN ISO 6789

- > EPA (Electrostatic Protected Area) compliant
- > Models No. QSN600 FH + QSN900 FH with additional cross handle



| Code | No. | ⊘" | ⊘ mm | cNm | Nm | ⊥ mm ⊥ | ⚖ |
|---------|-----------|------|------|---------|----------|--------|-------|
| 1498738 | QSN40 FH | 1/4" | 6.3 | 8-40 | 0,08-0,4 | 159 | 0,124 |
| 1400150 | QSN120 FH | 1/4" | 6.3 | 24-120 | 0,24-1,2 | 183 | 0,230 |
| 1400169 | QSN600 FH | 1/4" | 6.3 | 120-600 | 1,2-6 | 196 | 0,335 |
| 1400177 | QSN900 FH | 1/4" | 6.3 | 400-900 | 4-9 | 196 | 0,335 |

Quickset

Torque screwdriver Typ Quickset
0,24-9 Nm

- > Adjustable torque screwdriver with scale
- > 1/4" hexagon socket for 1/4" bits - C 6.3
- > With slip clutch for error proof controlled right and left hand tightening

- > It is not possible to over-tighten the screw
- > Certificate according to DIN EN ISO 6789 maximum deviation +/- 6%
- > Models No. QSN600 FH + QSN900 FH with additional cross handle



| Code | No. | Hex " | Hex mm | cNm | Nm | mm | kg |
|---------|---------------|-------|--------|---------|----------|-----|-------|
| 7718050 | QSM/N FH BLUE | 1/4" | 6.3 | 24-120 | 0,24-1,2 | 169 | 0,165 |
| 7718130 | QS6 FH BLUE | 1/4" | 6.3 | 120-600 | 1,2-6 | 184 | 0,335 |
| 7718210 | QS9 FH BLUE | 1/4" | 6.3 | 400-900 | 4-9 | 184 | 0,335 |

TT

Torque screwdriver Type SP
10-500 cNm / 14 ozf-in-40 lbf-in

- > Indicating torque test screwdriver with double scale
- > With slave-pointer function works in both directions
- > For controlled bi-directional tightening
- > 1/4" hexagon socket for 1/4" bits - C 6.3

- > Certificate according to DIN EN ISO 6789 maximum deviation +/- 6%
- > EPA (Electrostatic Protected Area) compliant
- > Models No. TT250 FH BLUE + TT500 FH BLUE with additional cross handle



| Code | No. | Hex " | Hex mm | cNm | Nm | ozf-in / lbf-in | mm | kg |
|---------|---------------|-------|--------|---------|---------|-----------------|-----|-------|
| 7096380 | TT50 FH BLUE | 1/4" | 6.3 | 10-50 | 0,1-0,5 | 14-70 | 178 | 0,190 |
| 7096460 | TT100 FH BLUE | 1/4" | 6.3 | 20-100 | 0,2-1 | 28-140 | 178 | 0,190 |
| 7096540 | TT250 FH BLUE | 1/4" | 6.3 | 50-250 | 0,5-2,5 | 4-20 | 250 | 0,465 |
| 7096620 | TT500 FH BLUE | 1/4" | 6.3 | 100-500 | 1-5 | 8-40 | 250 | 0,465 |

TSN

Torque wrench TSN SLIPPER
1-125 Nm / 10-1106 lbf-in / fixed setting

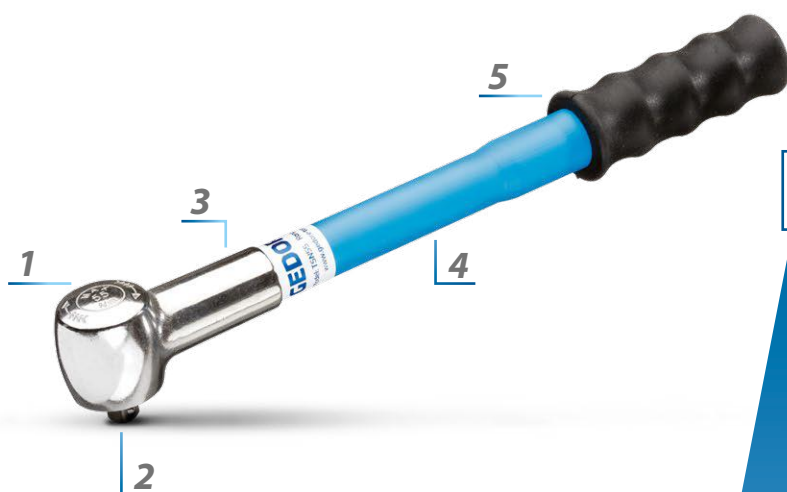
- > Fixed torque wrench for series assembly
- > 1/4", 3/8" or 1/2" square drive with integrated ratchet function
- > For error proof controlled directional tightening
- > It is not possible to over-tighten the screw
- > Certificate according to DIN EN ISO 6789 +/- 4 % tolerance

- > Fixed setting at GEDORE or by hand on a test device
- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)
- > EPA (Electrostatic Protected Area) compliant

| Code | No. | Hex " | Hex mm | Nm | lbf-in | mm | kg |
|---------|----------|-------|--------|--------|----------|-----|------|
| 7091900 | TSN 25 D | 1/4" | 6,3 | 5-25 | 44-221 | 216 | 0,34 |
| 7092040 | TSN 25 A | 3/8" | 10 | 5-25 | 44-221 | 216 | 0,34 |
| 7092120 | TSN 55 | 3/8" | 10 | 55 | 132-486 | 324 | 0,80 |
| 7092200 | TSN 125 | 1/2" | 12,5 | 40-125 | 354-1106 | 460 | 1,36 |

i TSN SLIPPER

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



1 INTEGRATED RATCHET FUNCTION

Particularly reliable ratchet with 36 teeth (TSN25D / A) or 48 teeth (TSN55 / 125). Slip-through function ensures controlled and safe screw tightening without overtightening.

2 OUTPUT SQUARE DRIVE

Made of quality steel with ball-locking mechanism

3 HIGH REPEATABILITY

Guarantees constant tightening torques.

4 ROBUST CASTING PART

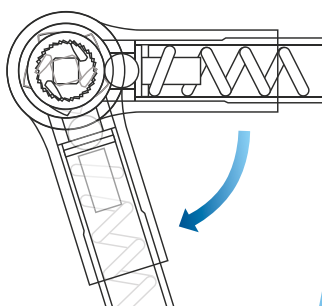
Made of corrosion-resistant, rustproof material.

5 RUBBER HANDGRIP

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

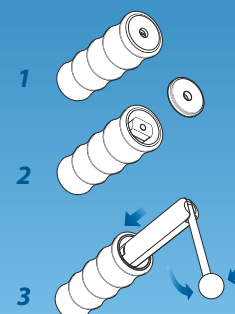
WORKING PRINCIPLE

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



TECHNICAL INFORMATION

All TSN SLIPPER and TBN BREAKER torque wrenches (apart from TSN 5/45; TSN10/90; TBN2 G / 10 G) are fitted with the patented "Mechanical Torque Adjustment Locking Device" to modify torque tester.



TSN
Torque wrench TSP SLIPPER
1-45 Nm / pre-set



- > Fixed torque wrench for series assembly
- > 1/4" square drive with integrated ratchet function
- > For controlled error proof directional tightening
- > It is not possible to over-tighten the screw
- > Certificate according to DIN EN ISO 6789 +/- 6 % tolerance
- > Fixed setting at GEDORE or by hand on a test device

- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)
- > EPA (Electrostatic Protected Area) compliant

| Code | No. | □" | ■mm | Nm | lbf·in | □mm | □kg |
|---------|-----------|------|-----|-------|--------|-----|------|
| 1196650 | TSN 5/45 | 1/4" | 6,3 | 1-5 | 10-45 | 185 | 0,19 |
| 1196731 | TSN 10/90 | 1/4" | 6,3 | 10-45 | 20-90 | 185 | 0,19 |

TSC
Torque wrench TSC SLIPPER
1-10 N · m / with Scale



- > Adjustable torque wrench with scale
- > 1/4" square drive with integrated ratchet function
- > For controlled error proof directional tightening

- > It is not possible to over-tighten the screw
- > Certificate according to DIN EN ISO 6789 +/- 6 % tolerance
- > EPA (Electrostatic Protected Area) compliant

| Code | No. | " | mm | Nm | mm | | |
|---------|--------|------|-----|------|-----|---------|-------|
| 1196480 | TSC 5 | 1/4" | 6,3 | 1-5 | 195 | 0,05 Nm | 0,235 |
| 1196510 | TSC 10 | 1/4" | 6,3 | 2-10 | 195 | 0,1 Nm | 0,235 |

i TBN BREAKER

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



1

DRIVE

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



2

BREAKING

All TBN breaking torque wrenches break by 20° at the pivot point when the set torque is achieved. The models TBN2 G/ 10 G can also be set to a breaking angle of 90°.

3

RUBBER HANDGRIP

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



4

PATENTED MECHANISM

Guarantees a long product lifespan with guaranteed accuracy values

5

LIGHTWEIGHT STEEL TUBE

Firm, solid, and free of corrosion

As an option, we also manufacture the TBN BREAKER models TBN2 G/ TBN10 G with interchangeable attachments directly positioned on the tool.



16 5 - 135 N-m

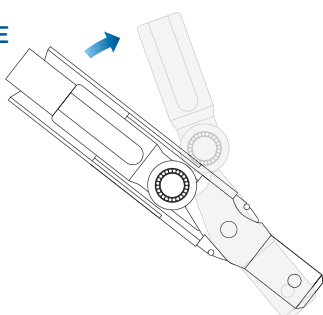


9x12 0,2 - 135 N-m



WORKING PRINCIPLE

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



TECHNICAL INFORMATION

TBN BREAKER TBN2 G / TBN10 G values are changed using the "Double Positive" adjustment system.



TBN

TBN Breaking Torque wrench KNICKER
0,4-135 Nm / fixed setting



- > Fixed torque wrench for series assembly
- > 9x12 mm inner rectangular or 16 mm spigot
- > For bi-directional tightening (the wrench only has to be turned by 180°!)
- > Breaking of the handgrip by 20° when the pre-set torque value is achieved makes over-tightening unlikely
- > Certificate according to DIN EN ISO 6789

- > Fixed setting at GEDORE or by hand on a test device
- > If ordering, please specify the Nm value - if a fixed factory pre-setting is desired (price on request)
- > No. TBN2G / TBN10G: EPA (Electrostatic Protected Area) compliant

| Code | No. | mm | ∅ | Nm | mm | kg |
|---------|----------|-----------|----|--------|-----|------|
| 7090690 | TBN2 G | 9 x 12 mm | | 0,4-2 | 133 | 0,11 |
| 7090770 | TBN10 G | 9 x 12 mm | | 2-10 | 133 | 0,15 |
| 1824686 | TBN25 | | 16 | 5-25 | 265 | 0,41 |
| 1824694 | TBN25 G | 9 x 12 mm | | 5-25 | 265 | 0,41 |
| 1824708 | TBN65 | | 16 | 13-65 | 302 | 0,75 |
| 1824716 | TBN65 G | 9 x 12 mm | | 13-65 | 302 | 0,75 |
| 1824724 | TBN135 | | 16 | 27-135 | 408 | 1,03 |
| 1824732 | TBN135 G | 9 x 12 mm | | 27-135 | 408 | 0,83 |

8801

Torque wrench TYP 88 KNICKER
150-1000 Nm / 100-750 lbf-ft / pre-set

**Use:**

- > Controlled screw tightening in the most common range of 150 - 1000 Nm
- > Industry and vehicle sector (lorries, industrial vehicles)

Features:

- > Adjustable torque wrench - with scale
- > 3/4" square drive with integrated ratchet function
- > Suitable for bi-directional tightening on account of push-through square drive
- > Working accuracy: +/- 4 % tolerance of set torque

- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Breaking mechanism as an actuation signal which can be seen and felt and makes over-tightening unlikely
- > Dual scale Nm and lbf-ft

Scope of delivery:

- > Torque wrench Typ 88 KNICKER
- > Test certificate acc. to DIN EN ISO 6789
- > Delivery in sturdy plastic case

| Code | No. | " | mm | Nm | lbf-ft | mm | kg |
|---------|---------|------|----|----------|---------|-------|------|
| 3022854 | 8801-01 | 3/4" | 20 | 150-700 | 100-500 | 1.250 | 10,0 |
| 3022862 | 8801-02 | 3/4" | 20 | 200-800 | 150-600 | 1.250 | 10,0 |
| 3022870 | 8801-03 | 3/4" | 20 | 300-1000 | 200-750 | 1.460 | 12,0 |

WWW.GEDORE.COM

i TYP ADS-EDS

Torque wrenches with slave pointer Ideal for test, control and maintenance work



1

CLEAR PRODUCT IDENTIFICATION

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

2

SOLID TUBE

Light-metal tube with plastic sleeving.

3

PRACTICAL HANDGRIP

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



4

INTEGRATED RATCHET SPINDLE

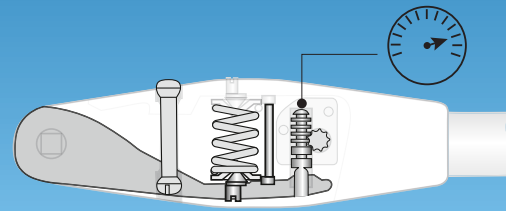
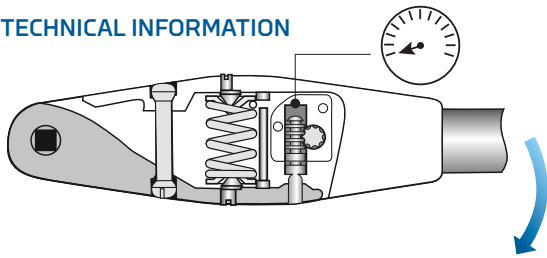
With double square drive enables highspeed bi-directional tightening.

5

DUAL SCALE

Nm and lbf-in/lbf-ft with main and slave pointers, protected by a strong window made of Trogamid "T".

TECHNICAL INFORMATION



The working principle of the torque wrench with slave pointer type ADS-EDS

ADS - EDS

Torque wrench with slave pointer Type 83
0,8-2000 Nm / 7 lbf-in-1500 lbf-ft



- > Dial-indicating torque wrench with dual scale and slave pointer
- > Controlled tightening (right/left) and checking of tightening values
- > 1/4", 3/8", 1/2", 3/4" or 1" double square drive
- > Models No. ADS4 to No. DDS800S: with integrated ratchet-function

- > Certificate according to DIN EN ISO 6789 +/- 4 % tolerance
- > 5 % overload of the maximum value
- > Light, robust aluminium construction
- > Models No. ADS4 to No. ADS40: EPA (Electrostatic Protected Area) compliant
- > Audio-visual signal is standard on models CDS400S to EDS2000

| Code | No. | Type | 1/4" | mm | Nm | lbf-in | lbf-ft | EPA | 1/4" | 1/4" | Height | kg |
|---------|---------|---------------|------|------|----------|--------|----------|-----|-------|-------------------|--------|------|
| 7651390 | ADS4 | Double square | 1/4" | 6,3 | 0,8-4 | 7-35 | | x | 244 | 1 Nm / 1 lbf-in | 61 | 0,52 |
| 7651470 | ADS12D | Double square | 1/4" | 6,3 | 2,4-12 | 21-105 | | x | 244 | 5 Nm / 2 lbf-in | 61 | 0,52 |
| 7651550 | ADS25 | Double square | 3/8" | 10 | 5-25 | 44-220 | | x | 244 | 1 Nm / 10 lbf-in | 69 | 0,52 |
| 7651630 | ADS40 | Double square | 3/8" | 10 | 8-40 | 72-360 | | x | 244 | 1 Nm / 10 lbf-in | 69 | 0,52 |
| 7651710 | BDS80E | Double square | 1/2" | 12,5 | 16-80 | | 12-60 | 0 | 435 | 2 Nm / 1 lbf-ft | 86 | 1,36 |
| 7651980 | BDS200 | Double square | 1/2" | 12,5 | 40-200 | | 30-160 | 0 | 515 | 5 Nm / 5 lbf-ft | 86 | 1,41 |
| 7652280 | CDS400S | Double square | 3/4" | 20 | 80-400 | | 60-300 | 0 | 710 | 10 Nm / 10 lbf-ft | 111 | 3,20 |
| 7652010 | DDS800S | Double square | 3/4" | 20 | 160-800 | | 120-600 | 0 | 1.000 | 20 Nm / 20 lbf-ft | 123 | 4,90 |
| 1196790 | EDS1400 | Double square | 1" | 25 | 280-1400 | | 200-1000 | 0 | 2.040 | 25 Nm / 25 lbf-ft | 138 | 16,7 |
| 1196804 | EDS2000 | Double square | 1" | 25 | 400-2000 | | 300-1500 | 0 | 2.040 | 50 Nm / 50 lbf-ft | 138 | 16,7 |

i E-TORC Q / QR

Electronic torque wrench
0.25 - 60 Nm (QR Models)
10 - 1000 Nm (Q Models)



1 POWERFUL. VARIABLE.

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

2 EXTENSIVELY. RESILIENT.

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

3 ERGONOMIC. SAFE.

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

4 FLEXIBLE. POSITIONAL.

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

5 BATTERY

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



CHARGING UNIT

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



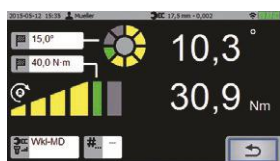
INTUITIVE. VISIBLE.

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



ALL THE STANDARD MEASUREMENT METHODS

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



Virtual progress bar for torque and angle



Clear depiction of the measurement results



Measured value compilation and assessment



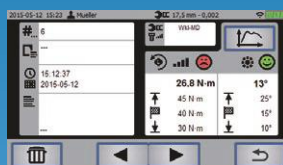
Graph representation and evaluation directly possible at E-torc Q



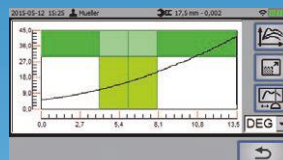
Touch screen for clear objective input



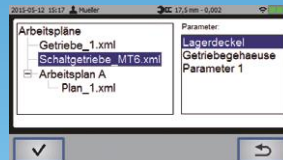
Operating with workflows



A variety of users and a user account management can be set up



Management of fitting and depth gauge parameters



Wireless (Wi-Fi 2.4 and 5 GHz) or USB mini interface for communication purposes



Wireless (Wi-Fi 2.4 and 5 GHz) or USB mini interface for communication purposes



2D scanner (optional) for reading in barcodes and QR codes



ET2SA

Electronic torque wrench E-torc
2-1000 Nm / 1.5-750 lbf-ft,
with rotary angle measurement



- > Documented tightening for torque and angle of rotation
 - > Optical, acoustic and sensory signalling
 - > Graphic evaluation with free software
 - > Marked contrast graphics display with backdrop lighting
 - > 1/4" square, 9x12, 14x18 rectangular, 22 and 28 mm spigot mount (depending on model)
 - > Screw joint analyses
 - > Process control
- > Factory certificate according to DIN ISO 6789
 - > Optional certificate according to DAkkS-DKD-R 3-7
 - > Torque reading precision +/- 1 %, +/- 1 digit from reading figure
 - > Demonstration and consultation - technical field service
 - > Further options on request: further torque, yield strength etc.

| Code | No. | " | mm | mm | Ø | Nm | lbf-ft | a | d | kg |
|---------|-------------|------|------|---------|----|----------|--------|----|-------|------|
| 2795493 | ET2SKA 25 | 1/4" | 6,3 | | | 2-25 | 1,5-18 | 35 | 347 | 0,85 |
| 2795612 | ET2SKA 150 | 1/2" | 12,5 | 9 x 12 | | 10-150 | 7-111 | 35 | 514 | 1,33 |
| 2795620 | ET2SKA 300 | 1/2" | 12,5 | 14 x 18 | | 30-300 | 22-221 | 35 | 753 | 1,84 |
| 2795639 | ET2SZA 600 | | | | 22 | 100-600 | 74-443 | 35 | 1.055 | 3,22 |
| 2795655 | ET2SZA 1000 | | | | 28 | 100-1000 | 74-750 | 40 | 1.488 | 5,68 |

TT3KH

Electronic torque wrench TorcoTronic III
10-350 Nm / 7,4-258,2 lbf-ft



- > Microprocessor-controlled, electronic torque wrench
 - > Torque and torque angle measure
 - > Documented right and left suit
 - > Software included
 - > 5 parameters storable
 - > 2000 storage places
 - > Measurement accuracy torque +/- 1 %, +/- 1 digit
 - > Measurement accuracy torque angle +/- 1 %, but min. +/- 1° on 360° with min. 4°/sec
- > Different depth gauges for end fittings programmable
 - > Simple operation, user-friendly icon menu navigation
 - > Clearly readable, illuminated LCD display
 - > Factory certificate according to DIN ISO 6789
 - > Optional certificate according to DAkkS-DKD-R 3-7

| Code | No. | " | mm | mm | Nm | lbf-ft | kg |
|---------|-----------|------|------|---------|--------|------------|------|
| 2648636 | TT3KH 120 | 1/2" | 12,5 | 9 x 12 | 10-120 | 7,4-88,5 | 1,74 |
| 2648644 | TT3KH 350 | 1/2" | 12,5 | 14 x 18 | 70-350 | 51,6-258,2 | 1,20 |

NEW**CH**Capture Hub electronic tester
0,1 - 25 Nm / 0,08 - 18 lbf-ft

- > Digital torque tester for testing torque wrenches and torque screwdrivers
 - > Light and robust thanks to the aluminum basic housing, horizontal and vertical mounting possible
 - > 4 models in the range of 0.1-25 Nm
 - > With 1/4" square socket (CH25 with 3/8")
 - > Measuring tolerance +/- 1 % for all readings
 - > 4 measurement modes: sliding value display (track), breakpoint detection (first peak), peak value measurement (peak), screwdriver test
 - > Including screw joint simulator attachment for testing screwdrivers
 - > Switchable units N m, cN m, lbf ft, lbf in, ozf in
 - > 50 test sequences can be programmed
 - > 2000 measured values can be saved
 - > Clear and high-contrast TFT display
- > Expandable by an additional capture sensor (connection socket available)
 - > Powerful lithium-ion battery for Line Side mains-independent work
 - > Data output and mains operation via USB connection
 - > Optional: PC evaluation software "Capture Manager" (2908778)
- Scope of delivery:**
- > Capture Hub
 - > Screw joint simulator
 - > USB cable
 - > Power supply unit with Euro plug
 - > Operating instructions
 - > Test certificate
 - > Stable plastic case with inlay

| Code | No. | Nm | lbf-ft | □ mm | □ " | |
|---------|-------|--------|-----------|------|------|-----|
| 3128903 | CH 1 | 0,1-1 | 0,08-0,75 | 6,3 | 1/4" | 0,5 |
| 3124045 | CH 2 | 0,2-2 | 0,15-1,5 | 6,3 | 1/4" | 0,5 |
| 3124053 | CH 5 | 0,5-5 | 0,4-3,65 | 6,3 | 1/4" | 0,5 |
| 3124061 | CH 25 | 2,5-25 | 3,65-18 | 10,0 | 3/8" | 0,5 |

NEW**CL**Electronic test device Capture Lite
0,02-350 Nm / 0,015 lbf-ft - 260 lbf-ft

- > Digital torque tester for testing torque wrenches and torque screwdrivers
 - > Light and robust due to aluminium basic housing
 - > 5 models in the range from 0.02 Nm to 350 Nm
 - > With 1/4", 3/8", 1/2" square mount (CL1 and CL10H with 1/4" hexagonal shaft)
 - > Measuring tolerance +/- 1 % for all readings
 - > 3 measuring modes: floating value display (track), kink point detection (first peak), peak value measurement (peak)
 - > Easy handling due to 1-button operation (measuring mode, unit)
 - > Switchable between Nm, lbf-ft and lbf-in
 - > Optimal readability due to single-line well illuminated OLED display
 - > Autostart function when a torque tool is inserted
 - > Auto-sleep mode when not in use
- > Easy mounting on the table or on the wall
 - > Power supply and data output via USB connection
- Scope of delivery:**
- > Capture Lite tester
 - > USB connection cable
 - > Adapter (depending on model)
 - > Operating instructions
 - > Test certificate
 - > Stable plastic case with inlay

| Code | No. | Nm | lbf-ft | □ mm | □ mm | □ " | Adapter inch | |
|---------|---------|---------|------------|------|------|------|--------------|------|
| 3297888 | CL 1 | 0,02-1 | 0,015-0,74 | 6,3 | | | | 1,32 |
| 3119319 | CL 10 | 0,25-10 | 0,19-7,4 | 6,3 | 6,3 | 1/4" | 1/4" | 1,42 |
| 3297896 | CL 10 S | 0,25-10 | 0,19-7,4 | | 6,3 | 1/4" | | 1,42 |
| 3297918 | CL 150 | 5-150 | 3,7-110 | | 10,0 | 3/8" | 1/4" | 1,52 |
| 3297926 | CL 350 | 10-350 | 7,4-260 | | 12,5 | 1/2" | 3/8" | 1,65 |

NEW**RF**

Torque measuring / testing device accessories
0,02-25 Nm / 0,075 lbf-ft - 18 lbf-ft



- > Capture screw joint simulator for testing screwdrivers
- > 3 models ranging from 0.02 Nm to 25 Nm
- > Adaptable to the Capture Hub and Capture Sensor systems
- > Easy mounting on the test device
- > Different screw case hardnesses can be simulated (spring washer packs)

| Code | No. | ⌀ mm | |
|---------|-------|------|-----|
| 3119289 | RF 2 | 5 mm | 0,5 |
| 3119297 | RF 5 | 5 mm | 0,5 |
| 3119300 | RF 25 | 6 mm | 0,5 |

8612

Electronic torque tester DREMOTEST E
0,2-3150 Nm / 1,8 lbf-in - 2323 lbf-ft



- > Checking/adjustment of right-hand torque wrenches and screwdrivers
- > Plug & Work = very easy to use
- > High measurement accuracy: +/- 1% tolerance of reading, +/- 1 digit
- > Autoreset
- > Can be switched from Nm to lbf-ft and lbf-in

- > Serial interface RS232 for PC
- > Test certificate
- > Optional: Car adapter for 12 Volt power supply (No. 8612-390),
- > Optional: plausibility verification software (Code 2834391)

| Code | No. | Nm | lbf-in | lbf-ft | ⌀ | □ | Resolution | Adaptor | |
|---------|-----------|----------|---------|----------|------|------|------------|------------|------|
| 2288311 | 8612-012 | 0,2-12 | 1,8-106 | | 6,3 | | 0,001 | 1/4", 3/8" | 3,0 |
| 1947699 | 8612-050 | 0,9-55 | | 0,7-40,6 | 10,0 | | 0,01 | 1/4", 3/8" | 3,0 |
| 1856111 | 8612-300 | 9-320 | | 7-236 | 17,0 | | 1,0 | 3/8", 1/2" | 3,0 |
| 1947702 | 8612-1000 | 90-1100 | | 66-811 | 36 | | 1,0 | 1/2", 3/4" | 10,0 |
| 2529858 | 8612-3150 | 500-3150 | | 369-2323 | | 40,0 | 1,0 | 1" | 26,0 |

E-TP

Electronic torsion test device
0,5 - 3150 Nm / 0,4 - 2323 lbf-ft



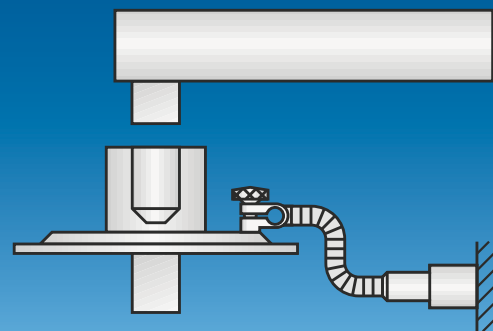
- > Electronic torque tester integrated with measurement electronics
- > Testing, adjusting and certifying right-hand and left-hand torque wrenches
- > Vertical and horizontal testing according to DIN EN ISO 6789
- > Factory certificate based on VDI 2646

- > Optional certificate as per DAkkS-DKD-R 3-8
- > A large LC graphic display
- > Wide measuring range in Nm, can be switched to cNm, lbf-ft or lbf-in (model dependant)
- > Advice from our technical field service
- > Includes display, cables and software
- > Adapter cable RS232 to USB optionally available (Code 1957880)

| Code | No. | □ " | □ | Nm | lbf-ft | Resolution | Adaptor | |
|---------|----------|--------|------|----------|------------|------------|------------|------|
| 2795663 | ETP 15 | 1/4" | 6,3 | 0,5-15 | 0,4-11 | 0,001 | - | 4,8 |
| 2795701 | ETP 100 | 1/2" | 12,5 | 4-100 | 3-74 | 0,01 | 1/4", 3/8" | 10,0 |
| 2795728 | ETP 500 | 3/4" | 20,0 | 20-500 | 14,8-369 | 0,1 | 3/8", 1/2" | 10,3 |
| 2795868 | ETP 1000 | 3/4" | 20,0 | 50-1000 | 36,9-737,6 | 0,1 | 3/8", 1/2" | 10,3 |
| 2795884 | ETP 3150 | 1.1/2" | 40,0 | 300-3150 | 221-2323 | 1,0 | 3/4", 1" | 26,8 |

i TORQUE ANGLE INDICATOR 8200

- When using torque angle indicator no. 8200, please note:
The maximum output of the torque wrenches must not be passed.
Please ensure that the maximum load capacity of the square drive including the values achieved by angle-regulated tightening is not exceeded:
- 1/2" max. approx. 390 Nm
- 3/4" max. approx. 1330 Nm



8200
Torque angle indicator



- › Torque-angle tightening
- › Separate angle of rotation gauges with 1/2" or 3/4" square drive
- › For additional precise angle tightening (0-360°)
- › No. 8200-01/-02 with sliding claw and magnetic arm
- › No. 8200-11 only with magnetic arm
- › To operate with a suitable torque wrench
- › The maximum load of the torque wrench must not be exceeded

| Code | No. | ■ " | □ " | ∅ mm | ∠ | ⚖ |
|----------------|---------|------|------|------|--------|------|
| 1195980 | 8200-01 | 1/2" | 1/2" | 80 | 0-360° | 0,33 |
| 7718480 | 8200-11 | 1/2" | 1/2" | 82 | 0-360° | 0,33 |
| 7716510 | 8200-02 | 3/4" | 3/4" | 120 | 0-360° | 0,53 |

8791 (MM)
Open end fitting
16 Z
metric



- › For solving difficult assembly problems
- › Journal holder diameter 16 mm

| Code | No. | ∅ mm | ∅ | mm _± | ∅ mm | Depth gauge | ⚖ |
|----------------|---------|------|----|-----------------|------|-------------|-------|
| 7774470 | 8791-07 | 7 | 16 | 5 | 20,5 | 32,0 | 0,100 |
| 7774550 | 8791-08 | 8 | 16 | 5 | 20,5 | 32,0 | 0,097 |
| 7774630 | 8791-09 | 9 | 16 | 5 | 20,5 | 32,0 | 0,098 |
| 7710070 | 8791-10 | 10 | 16 | 7 | 29 | 32,0 | 0,106 |
| 7710150 | 8791-11 | 11 | 16 | 7 | 29 | 32,0 | 0,106 |
| 7676890 | 8791-12 | 12 | 16 | 7 | 29 | 32,0 | 0,106 |
| 7710230 | 8791-13 | 13 | 16 | 8 | 34,5 | 32,0 | 0,106 |
| 7710310 | 8791-14 | 14 | 16 | 8 | 34,5 | 32,0 | 0,106 |
| 7710580 | 8791-15 | 15 | 16 | 8 | 34,5 | 32,0 | 0,116 |
| 7710660 | 8791-16 | 16 | 16 | 9 | 41,5 | 32,0 | 0,141 |
| 7710740 | 8791-17 | 17 | 16 | 9 | 41,5 | 32,0 | 0,141 |
| 7676970 | 8791-18 | 18 | 16 | 9 | 41,5 | 32,0 | 0,148 |
| 7710820 | 8791-19 | 19 | 16 | 10 | 45 | 32,0 | 0,157 |
| 7710900 | 8791-20 | 20 | 16 | 10 | 45 | 32,0 | 0,157 |
| 7677000 | 8791-21 | 21 | 16 | 10 | 45 | 32,0 | 0,180 |
| 7711040 | 8791-22 | 22 | 16 | 11 | 56 | 32,0 | 0,212 |
| 1977164 | 8791-23 | 23 | 16 | 11 | 56 | 32,0 | 0,216 |
| 7711120 | 8791-24 | 24 | 16 | 11 | 56 | 32,0 | 0,216 |
| 1552279 | 8791-25 | 25 | 16 | 11 | 56 | 32,0 | 0,220 |
| 1552287 | 8791-26 | 26 | 16 | 11 | 56 | 32,0 | 0,220 |
| 7711200 | 8791-27 | 27 | 16 | 12 | 60,5 | 32,0 | 0,220 |
| 1207008 | 8791-28 | 28 | 16 | 12 | 68 | 32,0 | 0,300 |
| 1552309 | 8791-29 | 29 | 16 | 12 | 68 | 32,0 | 0,300 |
| 7774710 | 8791-30 | 30 | 16 | 12 | 68 | 32,0 | 0,220 |
| 7774980 | 8791-32 | 32 | 16 | 12 | 68 | 32,0 | 0,220 |
| 1552317 | 8791-36 | 36 | 16 | 12 | 68 | 32,0 | 0,300 |

8791 (AF)

Open end fitting 16 Z
inch

- > For solving difficult assembly problems
- > Journal holder diameter 16 mm

| Code | No. | ⌀"AF | Ø | mm ^{±0.05} | ⌀mm | Depth gauge | kg |
|---------|--------------|---------|----|---------------------|------|-------------|-------|
| 1211421 | 8791-1/4" | 1/4" | 16 | 5 | 20,5 | 32,0 | 0,090 |
| 7720030 | 8791-5/16" | 5/16" | 16 | 5 | 20,5 | 32,0 | 0,100 |
| 1211447 | 8791-3/8" | 3/8" | 16 | 7 | 29 | 32,0 | 0,100 |
| 7720110 | 8791-7/16" | 7/16" | 16 | 7 | 29 | 32,0 | 0,110 |
| 7720380 | 8791-1/2" | 1/2" | 16 | 8 | 34,5 | 32,0 | 0,122 |
| 7720460 | 8791-9/16" | 9/16" | 16 | 8 | 34,5 | 32,0 | 0,119 |
| 7720540 | 8791-5/8" | 5/8" | 16 | 9 | 41,5 | 32,0 | 0,142 |
| 7720620 | 8791-11/16" | 11/16" | 16 | 9 | 41,5 | 32,0 | 0,142 |
| 7720700 | 8791-3/4" | 3/4" | 16 | 10 | 45 | 32,0 | 0,156 |
| 1211439 | 8791-13/16" | 13/16" | 16 | 10 | 45 | 32,0 | 0,156 |
| 7720890 | 8791-7/8" | 7/8" | 16 | 11 | 56 | 32,0 | 0,216 |
| 7720970 | 8791-15/16" | 15/16" | 16 | 11 | 56 | 32,0 | 0,220 |
| 7721000 | 8791-1" | 1" | 16 | 11 | 56 | 32,0 | 0,220 |
| 7721190 | 8791-1.1/16" | 1.1/16" | 16 | 12 | 60,5 | 32,0 | 0,230 |
| 7721270 | 8791-1.1/8" | 1.1/8" | 16 | 12 | 68 | 32,0 | 0,230 |
| 7776170 | 8791-1.3/16" | 1.3/16" | 16 | 12 | 68 | 32,0 | 0,230 |
| 7776250 | 8791-1.1/4" | 1.1/4" | 16 | 12 | 68 | 32,0 | 0,230 |
| 7776330 | 8791-1.5/16" | 1.5/16" | 16 | 12 | 68 | 32,0 | 0,300 |

8792 (MM)

Ring end fitting 16 Z
metric

- > For solving difficult assembly problems
- > Journal holder diameter 16 mm

| Code | No. | ⌀mm | Ø | mm ^{±0.05} | ⌀mm | Depth gauge | kg |
|---------|---------|-----|----|---------------------|------|-------------|-------|
| 7775010 | 8792-07 | 7 | 16 | 8 | 15 | 32,0 | 0,095 |
| 7775280 | 8792-08 | 8 | 16 | 8 | 15 | 32,0 | 0,095 |
| 7775360 | 8792-09 | 9 | 16 | 8 | 15 | 32,0 | 0,100 |
| 7712600 | 8792-10 | 10 | 16 | 10 | 19,5 | 32,0 | 0,100 |
| 7712790 | 8792-11 | 11 | 16 | 10 | 19,5 | 32,0 | 0,100 |
| 7677190 | 8792-12 | 12 | 16 | 10 | 19,5 | 32,0 | 0,113 |
| 7712870 | 8792-13 | 13 | 16 | 12 | 23,5 | 32,0 | 0,113 |
| 7712950 | 8792-14 | 14 | 16 | 12 | 23,5 | 32,0 | 0,126 |
| 7713090 | 8792-15 | 15 | 16 | 12 | 23,5 | 32,0 | 0,126 |
| 7713170 | 8792-16 | 16 | 16 | 13 | 28,5 | 32,0 | 0,126 |
| 7713250 | 8792-17 | 17 | 16 | 13 | 28,5 | 32,0 | 0,130 |
| 7677270 | 8792-18 | 18 | 16 | 13 | 28,5 | 32,0 | 0,130 |
| 7713330 | 8792-19 | 19 | 16 | 14 | 31,5 | 32,0 | 0,132 |
| 7713410 | 8792-20 | 20 | 16 | 14 | 31,5 | 32,0 | 0,132 |
| 7677350 | 8792-21 | 31 | 16 | 14 | 31,5 | 32,0 | 0,132 |
| 7713680 | 8792-22 | 22 | 16 | 15 | 39,5 | 32,0 | 0,171 |
| 1211471 | 8792-23 | 23 | 16 | 15 | 39,5 | 32,0 | 0,181 |
| 7713760 | 8792-24 | 24 | 16 | 15 | 39,5 | 32,0 | 0,181 |
| 7713840 | 8792-27 | 27 | 16 | 16 | 41,5 | 32,0 | 0,181 |

8792 (AF)

Ring end fitting 16 Z
inch

- > For solving difficult assembly problems
- > Journal holder diameter 16 mm

| Code | No. | ⌀"AF | Ø | mm ^{±0.05} | ⌀mm | Depth gauge | kg |
|---------|--------------|---------|----|---------------------|------|-------------|-------|
| 1211455 | 8792-1/4" | 1/4" | 16 | 8 | 15 | 32,0 | 0,100 |
| 7721350 | 8792-5/16" | 5/16" | 16 | 8 | 15 | 32,0 | 0,100 |
| 1211498 | 8792-3/8" | 3/8" | 16 | 10 | 19,5 | 32,0 | 0,100 |
| 7721430 | 8792-7/16" | 7/16" | 16 | 10 | 19,5 | 32,0 | 0,100 |
| 7721780 | 8792-9/16" | 9/16" | 16 | 12 | 23,5 | 32,0 | 0,100 |
| 7721860 | 8792-5/8" | 5/8" | 16 | 13 | 28,5 | 32,0 | 0,128 |
| 1211463 | 8792-13/16" | 13/16" | 16 | 13 | 28,5 | 32,0 | 0,160 |
| 7722160 | 8792-7/8" | 7/8" | 16 | 15 | 39,5 | 32,0 | 0,173 |
| 7722240 | 8792-15/16" | 15/16" | 16 | 15 | 39,5 | 32,0 | 0,180 |
| 7722320 | 8792-1" | 1" | 16 | 15 | 39,5 | 32,0 | 0,180 |
| 7722400 | 8792-1.1/16" | 1.1/16" | 16 | 16 | 41,5 | 32,0 | 0,180 |

8797
Flared end fitting 16 Z
metric



> For solving difficult assembly problems,
easy to replace

> Journal holder diameter 16 mm

| Code | No. | mm | Ø | mm | mm | max. Nm | Opening width slot | Depth gauge | kg |
|----------------|---------|----|----|----|------|---------|--------------------|-------------|------|
| 1211587 | 8797-07 | 7 | 16 | 8 | 15 | 7,0 | 5,5 | 32,0 | 0,08 |
| 1211595 | 8797-08 | 8 | 16 | 8 | 15 | 6,5 | 6 | 32,0 | 0,08 |
| 1211641 | 8797-12 | 12 | 16 | 10 | 19,5 | 13,0 | 9 | 32,0 | 0,12 |

8756
End fitting
16 Z



> For solving difficult
assembly problems
> Journal holder diameter
16 mm

| Code | No. | mm | Ø | Depth gauge | kg |
|----------------|---------|----|----|-------------|-------|
| 7773740 | 8756-03 | 3 | 16 | 32,0 | 0,098 |
| 7773820 | 8756-04 | 4 | 16 | 32,0 | 0,103 |
| 7773900 | 8756-05 | 5 | 16 | 32,0 | 0,106 |
| 7774040 | 8756-06 | 6 | 16 | 32,0 | 0,108 |
| 7774120 | 8756-08 | 8 | 16 | 32,0 | 0,116 |

8754
Ratchet head
16 Z



> Ratchet in 3/8" or 1/2"
> Journal holder diameter
16 mm
> 3/8" = 135 Nm continu-
ous load capacity
> 1/2" = 340 Nm continu-
ous load capacity

| Code | No. | " | " | Ø | Type | Depth gauge | Permanent load capacity | kg |
|----------------|---------|------|------|----|---------------------|-------------|-------------------------|------|
| 7711980 | 8754-01 | 3/8" | 10 | 16 | Push-through square | 32,0 | 3/8" = 135 Nm | 0,17 |
| 7712010 | 8754-02 | 1/2" | 12,5 | 16 | Reversible ratchet | 32,0 | 1/2" = 340 Nm | 0,27 |

8790 - 8793
Fixed square head
16 Z



> solid square
> Journal holder
diameter 16 mm
> 3/8" to 135 Nm continu-
ous load capacity
> 1/2" to 340 Nm continu-
ous load capacity

| Code | No. | " | " | Ø | Depth gauge | Continuous load capacity | kg |
|----------------|---------|------|------|----|-------------|--------------------------|-------|
| 7709490 | 8790-00 | 3/8" | 10 | 16 | 32,0 | 3/8" = 135 Nm | 0,159 |
| 7709570 | 8793-00 | 1/2" | 12,5 | 16 | 32,0 | 1/2" = 340 Nm | 0,174 |

8795
Open end fitting 22 Z
metric



> For solving difficult
assembly problems
> Journal holder diameter
22 mm

| Code | No. | mm | Ø | mm | mm | Depth gauge | kg |
|----------------|---------|----|----|----|------|-------------|------|
| 7707010 | 8795-22 | 22 | 22 | 11 | 52 | 56,0 | 0,33 |
| 7707280 | 8795-24 | 24 | 22 | 11 | 22 | 56,0 | 0,32 |
| 7707360 | 8795-27 | 27 | 22 | 12 | 64 | 56,0 | 0,38 |
| 7707440 | 8795-30 | 30 | 22 | 12 | 64 | 56,0 | 0,37 |
| 7707520 | 8795-32 | 32 | 22 | 12 | 75,5 | 56,0 | 0,45 |
| 7677430 | 8795-34 | 34 | 22 | 12 | 75,5 | 56,0 | 0,43 |
| 7707600 | 8795-36 | 36 | 22 | 12 | 75,5 | 56,0 | 0,43 |
| 7707790 | 8795-41 | 41 | 22 | 12 | 94 | 56,0 | 0,58 |
| 7707870 | 8795-46 | 46 | 22 | 12 | 94 | 56,0 | 0,53 |

Torque Tools

8796

Ring end fitting 22 Z metric



- > For solving difficult assembly problems
- > Journal holder diameter 22 mm

| Code | No. | mm | Ø | mm | mm | Depth gauge | kg |
|----------------|---------|----|----|----|------|-------------|------|
| 7707950 | 8796-22 | 22 | 22 | 15 | 38 | 56,0 | 0,35 |
| 7708090 | 8796-24 | 24 | 22 | 15 | 38 | 56,0 | 0,33 |
| 7708170 | 8796-27 | 27 | 22 | 17 | 46,5 | 56,0 | 0,37 |
| 7708250 | 8796-30 | 30 | 22 | 17 | 46,5 | 56,0 | 0,35 |
| 7708330 | 8796-32 | 32 | 22 | 20 | 54 | 56,0 | 0,42 |
| 7677510 | 8796-34 | 34 | 22 | 20 | 54 | 56,0 | 0,42 |
| 7708410 | 8796-36 | 36 | 22 | 20 | 54 | 56,0 | 0,39 |
| 7708680 | 8796-41 | 41 | 22 | 22 | 68 | 56,0 | 0,56 |
| 7708760 | 8796-46 | 46 | 22 | 22 | 68 | 56,0 | 0,52 |

8794

Fixed square head 22 Z



- > Solid square
- > 3/4" to 850 Nm continuous load capacity
- > Journal holder diameter 22 mm

| Code | No. | " | Ø | Gauge | Permanent load capacity | kg | |
|----------------|---------|------|----|-------|-------------------------|---------------|-------|
| 7708840 | 8794-00 | 3/4" | 20 | 22 | 56,0 | 3/4" = 850 Nm | 0,558 |

8794

Ratchet head 22 Z



- > For solving difficult assembly problems
- > Journal holder diameter 22 mm
- > 3/4" max continuous load 850 Nm

| Code | No. | " | Ø | Type | Depth gauge | Permanent load capacity | kg | |
|----------------|---------|------|----|------|------------------------------|-------------------------|---------------|-------|
| 2961385 | 8794-02 | 3/4" | 20 | 22 | Reversible ratchet | 56,0 | 3/4" = 850 Nm | 1,011 |
| 1427318 | 8794-03 | 3/4" | 20 | 22 | Push-through square with pin | 56,0 | 3/4" = 850 Nm | 0,950 |

8798

Open end fitting 28 Z metric



- > For solving difficult assembly problems
- > Journal holder diameter 28 mm
- > Special sizes available on request

| Code | No. | mm | Ø | mm | mm | Depth gauge | kg |
|----------------|---------|----|----|------|-------|-------------|-----|
| 1565346 | 8798-36 | 36 | 28 | 16 | 77,5 | 75,0 | 1,9 |
| 1565354 | 8798-41 | 41 | 28 | 19,5 | 89 | 75,0 | 1,9 |
| 1565362 | 8798-46 | 46 | 28 | 20 | 99 | 75,0 | 1,9 |
| 1565370 | 8798-50 | 50 | 28 | 21,5 | 108 | 75,0 | 1,9 |
| 1565389 | 8798-55 | 55 | 28 | 24,5 | 118,5 | 75,0 | 2,1 |
| 1565397 | 8798-60 | 60 | 28 | 24,5 | 129,5 | 75,0 | 2,1 |
| 1565400 | 8798-65 | 65 | 28 | 28 | 140,5 | 75,0 | 2,4 |
| 1565419 | 8798-70 | 70 | 28 | 30 | 151 | 75,0 | 2,9 |
| 1565427 | 8798-75 | 75 | 28 | 31,5 | 163 | 100,0 | 4,0 |

8799

Ring end fitting 22 Z metric



- > For solving difficult assembly problems
- > Journal holder diameter 28 mm
- > Special sizes available on request

| Code | No. | mm | Ø | mm | mm | Depth gauge | kg |
|----------------|---------|----|----|------|-----|-------------|-----|
| 1565494 | 8799-36 | 36 | 28 | 19,5 | 60 | 75,0 | 1,6 |
| 1565508 | 8799-41 | 41 | 28 | 20,5 | 66 | 75,0 | 1,8 |
| 1565516 | 8799-46 | 46 | 28 | 22,5 | 75 | 75,0 | 2,1 |
| 1565524 | 8799-50 | 50 | 28 | 23,5 | 75 | 75,0 | 1,4 |
| 1565532 | 8799-55 | 55 | 28 | 25 | 88 | 75,0 | 2,4 |
| 1565540 | 8799-60 | 60 | 28 | 26 | 94 | 75,0 | 2,5 |
| 1565559 | 8799-65 | 65 | 28 | 29 | 101 | 75,0 | 2,9 |
| 1565567 | 8799-70 | 70 | 28 | 32,5 | 110 | 75,0 | 2,0 |
| 1565575 | 8799-75 | 75 | 28 | 34 | 117 | 75,0 | 4,5 |
| 1565583 | 8799-80 | 80 | 28 | 35 | 123 | 75,0 | 4,8 |

8794

Ratchet head 28 Z



- > For solving difficult assembly problems
- > Journal holder diameter 28 mm
- > 3/4" up to 1000 Nm continuous load capacity

| Code | No. | " | Ø | Type | Depth gauge | Permanent load capacity | kg | |
|----------------|---------|------|----|------|------------------------------|-------------------------|----------------|-----|
| 1566032 | 8794-05 | 3/4" | 20 | 28 | Push-through square with pin | 75,0 | 3/4" = 1000 Nm | 1,8 |

7112

Rectangular open end fitting 9x12 metric



- › For solving difficult assembly problems
- › SE recording 9x12

| Code | No. | mm | mm | mm | mm | Depth gauge | kg |
|---------|---------|----|--------|-----|------|-------------|-------|
| 7688390 | 7112-07 | 7 | 9 x 12 | 5,5 | 20 | 17,5 | 0,035 |
| 7688550 | 7112-08 | 8 | 9 x 12 | 5,5 | 21,5 | 17,5 | 0,035 |
| 7679050 | 7112-09 | 9 | 9 x 12 | 5,5 | 23 | 17,5 | 0,035 |
| 7688630 | 7112-10 | 10 | 9 x 12 | 5,5 | 24,5 | 17,5 | 0,040 |
| 7688980 | 7112-11 | 11 | 9 x 12 | 5,5 | 26 | 17,5 | 0,030 |
| 7679560 | 7112-12 | 12 | 9 x 12 | 5,5 | 27,5 | 17,5 | 0,035 |
| 7689010 | 7112-13 | 13 | 9 x 12 | 5,5 | 29 | 17,5 | 0,035 |
| 7689360 | 7112-14 | 14 | 9 x 12 | 7,5 | 31 | 20,0 | 0,040 |
| 7689440 | 7112-15 | 15 | 9 x 12 | 7,5 | 33 | 20,0 | 0,040 |
| 7679990 | 7112-16 | 16 | 9 x 12 | 7,5 | 35 | 20,0 | 0,045 |
| 7689600 | 7112-17 | 17 | 9 x 12 | 7,5 | 37 | 20,0 | 0,050 |
| 7684560 | 7112-18 | 18 | 9 x 12 | 7,5 | 39 | 20,0 | 0,060 |
| 7689790 | 7112-19 | 19 | 9 x 12 | 7,5 | 41 | 20,0 | 0,060 |

7212

Rectangular ring end fitting 9x12 metric



- › For solving difficult assembly problems
- › SE recording 9x12

| Code | No. | mm | mm | mm | mm | Depth gauge | kg |
|---------|---------|----|--------|----|------|-------------|-------|
| 7691340 | 7212-07 | 7 | 9 x 12 | 8 | 20 | 17,5 | 0,030 |
| 7691420 | 7212-08 | 8 | 9 x 12 | 8 | 20 | 17,5 | 0,030 |
| 7691690 | 7212-10 | 10 | 9 x 12 | 8 | 20 | 17,5 | 0,030 |
| 7691770 | 7212-11 | 11 | 9 x 12 | 8 | 20 | 17,5 | 0,030 |
| 7677940 | 7212-12 | 12 | 9 x 12 | 12 | 22 | 17,5 | 0,035 |
| 7691930 | 7212-13 | 13 | 9 x 12 | 12 | 22 | 17,5 | 0,035 |
| 7692230 | 7212-14 | 14 | 9 x 12 | 12 | 23 | 17,5 | 0,040 |
| 7692580 | 7212-15 | 15 | 9 x 12 | 12 | 24 | 17,5 | 0,040 |
| 7678080 | 7212-16 | 16 | 9 x 12 | 13 | 26 | 17,5 | 0,040 |
| 7692740 | 7212-17 | 17 | 9 x 12 | 13 | 27 | 17,5 | 0,040 |
| 7678160 | 7212-18 | 18 | 9 x 12 | 13 | 28,5 | 17,5 | 0,040 |
| 7692820 | 7212-19 | 19 | 9 x 12 | 13 | 30,5 | 17,5 | 0,040 |
| 7678240 | 7212-21 | 21 | 9 x 12 | 15 | 33 | 17,5 | 0,050 |
| 7693040 | 7212-22 | 22 | 9 x 12 | 15 | 34,5 | 17,5 | 0,050 |

7312

Rectangular flared end fitting 9x12 metric



- › For solving difficult assembly problems
- › SE recording 9x12

| Code | No. | mm | mm | mm | mm | Opening width Slot | Depth gauge | kg |
|---------|---------|----|--------|----|------|--------------------|-------------|-------|
| 7685290 | 7312-10 | 10 | 9 x 12 | 12 | 21 | 7,3 | 17,5 | 0,040 |
| 7685370 | 7312-11 | 11 | 9 x 12 | 12 | 22,5 | 8,7 | 17,5 | 0,040 |
| 7699590 | 7312-12 | 12 | 9 x 12 | 12 | 24 | 9 | 17,5 | 0,040 |
| 7679210 | 7312-13 | 13 | 9 x 12 | 12 | 25 | 10 | 17,5 | 0,040 |
| 7679480 | 7312-14 | 14 | 9 x 12 | 13 | 27 | 11 | 17,5 | 0,050 |
| 7685880 | 7312-17 | 17 | 9 x 12 | 13 | 31,5 | 14 | 17,5 | 0,065 |
| 7679640 | 7312-18 | 18 | 9 x 12 | 15 | 33 | 14,7 | 17,5 | 0,065 |
| 7686260 | 7312-19 | 19 | 9 x 12 | 15 | 34,5 | 15,3 | 17,5 | 0,065 |
| 7679720 | 7312-22 | 22 | 9 x 12 | 15 | 39 | 17 | 17,5 | 0,065 |

7412

Rectangular reversible ratchet head 9x12



- › For solving difficult assembly problems
- › SE recording 9x12
- › Return angle 5°
- › 1/4" to 30 Nm continuous load capacity
- › 3/8" to 135 Nm continuous load capacity
- › 1/2" to 150 Nm continuous load capacity

| Code | No. | " | mm | mm | mm | mm | Depth gauge | Permanent load capacity | kg | |
|---------|---------|------|------|--------|----|------|-------------|-------------------------|---------------|------|
| 7672710 | 7412-00 | 1/4" | 6,3 | 9 x 12 | 5 | 16,6 | 25 | 17,5 | 1/4" = 30 Nm | 0,06 |
| 7686500 | 7412-01 | 3/8" | 10 | 9 x 12 | 5 | 23,2 | 34 | 17,5 | 3/8" = 135 Nm | 0,14 |
| 7687230 | 7412-02 | 1/2" | 12,5 | 9 x 12 | 5 | 24,2 | 34 | 17,5 | 1/2" = 150 Nm | 0,15 |

Torque Tools

7612
Rectangular fixed square head 9x12



- > For solving difficult assembly problems
- > SE recording 9x12
- > 1/4" to 30 Nm continuous load capacity
- > 3/8" to 135 Nm continuous load capacity
- > 1/2" to 150 Nm continuous load capacity

| Code | No. | " | " | mm | mm | mm | Depth gauge | Continuous load | kg |
|----------------|---------|------|------|--------|----|----|-------------|-----------------|------|
| 7672630 | 7612-00 | 1/4" | 6,3 | 9 x 12 | 14 | 20 | 17,5 | 1/4"/30 Nm | 0,07 |
| 7679800 | 7612-01 | 3/8" | 10 | 9 x 12 | 14 | 20 | 17,5 | 3/8"/135 Nm | 0,07 |
| 7687900 | 7612-02 | 1/2" | 12,5 | 9 x 12 | 14 | 20 | 17,5 | 1/2"/150 Nm | 0,08 |

7812
Rectangular-bit-holder 9x12



- > For solving difficult assembly problems
- > SE recording 9x12

| Code | No. | " | " | mm | mm | mm | Depth gauge | kg |
|----------------|---------|-------|-----|--------|------|----|-------------|-------|
| 2101645 | 7812-10 | 1/4" | 6,3 | 9 x 12 | 10 | 14 | 17,5 | 0,040 |
| 7697970 | 7812-00 | 5/16" | 8,0 | 9 x 12 | 12,5 | 16 | 17,5 | 0,052 |

7912
Weld-on plug-in piece 9x12



- > For solving difficult assembly problems
- > Bear the depth gauges in mind

| Code | No. | mm | mm | mm | mm | Depth gauge | kg |
|----------------|---------|----|--------|------|----|-------------|-------|
| 7698190 | 7912-00 | 14 | 9 x 12 | 14,5 | 19 | 8,0 | 0,029 |

SUKSE
Rectangular ring ratchet spanner reversible 9x12



- > UD profile, fine toothed
- > Switch lever for right/left rotation
- > To operate with a 9x12 mm torque wrench or rectangular handle 9x12 mm

| Code | No. | mm | mm | | h | b | Depth gauge | kg |
|----------------|-----------|----|--------|---|------|------|-------------|------|
| 2827735 | SUKSE9 10 | 10 | 9 x 12 | 7 | 7,7 | 21 | 40,0 | 0,07 |
| 2827743 | SUKSE9 13 | 13 | 9 x 12 | 7 | 9 | 25,7 | 42,0 | 0,09 |
| 2827751 | SUKSE9 17 | 17 | 9 x 12 | 6 | 10,6 | 33,6 | 45,0 | 0,13 |
| 2827778 | SUKSE9 19 | 19 | 9 x 12 | 6 | 11,7 | 36,3 | 52,0 | 0,15 |

AGSE9
Plug-in pick-up handle SE 9x12



- > For insert tools 9x12
- > Without torque function

> Max. Continuous load capacity 150 Nm

| Code | No. | mm | L | h | b | kg |
|----------------|-------|--------|-----|------|----|------|
| 2827786 | AGSE9 | 9 x 12 | 267 | 18,5 | 22 | 0,32 |

7118
Rectangular open end fitting 14x18 metric



- > For solving difficult assembly problems
- > SE recording 14x18

| Code | No. | mm | mm | mm | mm | Depth gauge | kg |
|----------------|---------|----|---------|----|------|-------------|-------|
| 7689870 | 7118-13 | 13 | 14 x 18 | 7 | 30 | 25,0 | 0,120 |
| 7690020 | 7118-14 | 14 | 14 x 18 | 7 | 32 | 25,0 | 0,120 |
| 7690100 | 7118-15 | 15 | 14 x 18 | 7 | 34 | 25,0 | 0,120 |
| 7685610 | 7118-16 | 16 | 14 x 18 | 9 | 35,5 | 25,0 | 0,125 |
| 7690370 | 7118-17 | 17 | 14 x 18 | 9 | 37 | 25,0 | 0,130 |
| 7686180 | 7118-18 | 18 | 14 x 18 | 9 | 39 | 25,0 | 0,130 |
| 7690450 | 7118-19 | 19 | 14 x 18 | 9 | 41 | 25,0 | 0,130 |

| Code | No. | mm | mm | mm | mm | Depth gauge | kg |
|---------|---------|----|---------|----|------|-------------|-------|
| 7686420 | 7118-21 | 21 | 14 x 18 | 11 | 45 | 25,0 | 0,155 |
| 7690610 | 7118-22 | 22 | 14 x 18 | 11 | 47 | 25,0 | 0,150 |
| 7690880 | 7118-24 | 24 | 14 x 18 | 11 | 51 | 25,0 | 0,170 |
| 7690960 | 7118-27 | 27 | 14 x 18 | 13 | 58,5 | 32,5 | 0,185 |
| 2212285 | 7118-29 | 29 | 14 x 18 | 13 | 63 | 32,5 | 0,220 |
| 7691260 | 7118-30 | 30 | 14 x 18 | 13 | 67,5 | 32,5 | 0,220 |
| 7687740 | 7118-32 | 32 | 14 x 18 | 13 | 67,5 | 32,5 | 0,220 |
| 1963708 | 7118-34 | 34 | 14 x 18 | 15 | 74 | 33,5 | 0,255 |
| 1963716 | 7118-36 | 36 | 14 x 18 | 15 | 78 | 36,0 | 0,257 |
| 1963724 | 7118-41 | 41 | 14 x 18 | 15 | 82 | 40,0 | 0,261 |

7218

Rectangular ring end fitting
14x18



- > For solving difficult assembly problems
- > SE recording 14x18

| Code | No. | mm | mm | mm | mm | Depth gauge | kg |
|---------|---------|----|---------|------|------|-------------|-------|
| 7693120 | 7218-13 | 13 | 14 x 18 | 12 | 21,5 | 25,0 | 0,120 |
| 7693390 | 7218-14 | 14 | 14 x 18 | 12 | 23 | 25,0 | 0,120 |
| 7693470 | 7218-15 | 15 | 14 x 18 | 12 | 24,2 | 25,0 | 0,115 |
| 7678320 | 7218-16 | 16 | 14 x 18 | 12 | 25,7 | 25,0 | 0,125 |
| 7693630 | 7218-17 | 17 | 14 x 18 | 12 | 27,2 | 25,0 | 0,125 |
| 7678830 | 7218-18 | 18 | 14 x 18 | 12 | 28,5 | 25,0 | 0,125 |
| 7693710 | 7218-19 | 19 | 14 x 18 | 12 | 30,5 | 25,0 | 0,125 |
| 7678910 | 7218-21 | 21 | 14 x 18 | 15 | 33 | 25,0 | 0,14 |
| 7693980 | 7218-22 | 22 | 14 x 18 | 15 | 34,5 | 25,0 | 0,14 |
| 7694280 | 7218-24 | 24 | 14 x 18 | 15 | 37,5 | 25,0 | 0,14 |
| 7694440 | 7218-27 | 27 | 14 x 18 | 17,5 | 41,5 | 31,0 | 0,15 |
| 7694790 | 7218-30 | 30 | 14 x 18 | 17,5 | 45 | 31,0 | 0,16 |
| 7695920 | 7218-32 | 32 | 14 x 18 | 17,5 | 47,5 | 31,0 | 0,165 |
| 7679130 | 7218-34 | 34 | 14 x 18 | 19 | 50,5 | 31,0 | 0,195 |
| 7696220 | 7218-36 | 36 | 14 x 18 | 19 | 53 | 31,0 | 0,195 |
| 7696300 | 7218-41 | 41 | 14 x 18 | 19 | 59 | 31,0 | 0,225 |

7418

Rectangular reversible ratchet head
14x18



- > For solving difficult assembly problems
- > SE recording 14x18
- > Return angle 7°
- > 1/2" to 340 Nm continuous load capacity
- > 3/4" to 400 Nm continuous load capacity

| Code | No. | " | " | mm | mm | mm | Depth gauge | Permanent load capacity | kg |
|---------|---------|------|------|---------|-----|------|-------------|-------------------------|-------|
| 7687580 | 7418-02 | 1/2" | 12,5 | 14 x 18 | 7,2 | 28,8 | 25,0 | 1/2" = 340 Nm | 0,363 |
| 7687660 | 7418-04 | 3/4" | 20 | 14 x 18 | 7,2 | 35,5 | 33,0 | 3/4" = 400 Nm | 0,790 |

7618

Rectangular fixed square head
14x18



- > For solving difficult assembly problems
- > SE recording 14x18
- > 1/2" to 340 Nm continuous load capacity
- > 3/4" to 400 Nm continuous load capacity

| Code | No. | " | " | mm | mm | Depth gauge | Continuous load | kg |
|---------|---------|------|------|---------|----|-------------|-----------------|-------|
| 7688040 | 7618-02 | 1/2" | 12,5 | 14 x 18 | 18 | 25,0 | 1/2" = 340 Nm | 0,206 |
| 7688200 | 7618-04 | 3/4" | 20 | 14 x 18 | 25 | 25,0 | 3/4" = 400 Nm | 0,398 |

7918

Weld-on plug-in piece
14x18



- > For solving difficult assembly problems
- > SE recording 14x18
- > For special tools observe the gauge

| Code | No. | mm | mm | mm | mm | Depth gauge | kg |
|---------|---------|----|---------|------|----|-------------|-------|
| 7698430 | 7918-00 | 25 | 14 x 18 | 21,5 | 26 | 12,0 | 0,103 |