

THERE'S MORE WITH
GEDORE
TOOLS FOR LIFE

TORQUE TOOLS



gedore.com

TORQUE TOOLS

Maximum control in production guarantees high quality tools.

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

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

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

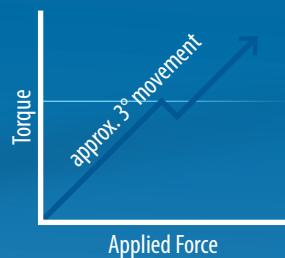


TRACEABLE SAFETY

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



0.04 TO
54,000 N·M

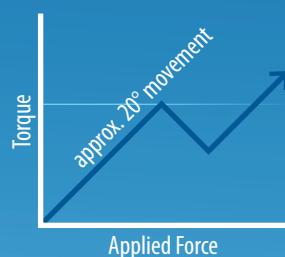


CLICK TOOLS - Overtightening Possible



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

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

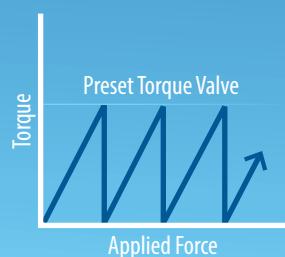


BREAKING TOOLS - Overtightening Unlikely



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

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



SLIPPING TOOLS - Overtightening Impossible



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

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

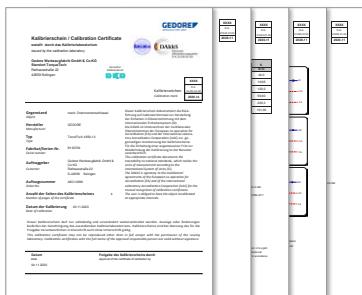
CERTIFIED PRECISION

We give you the security you need

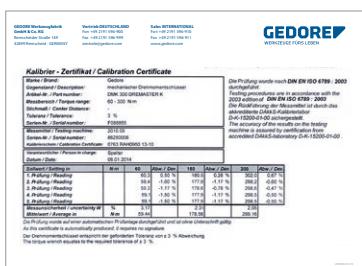
PTB

NATIONAL STANDARD

Basis of all lower-order standards



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



- 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

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
Electr. torque wrench	0,2 N·m – 1.000 N·m	DKD-R 3-7:2018	0,2 %
Calibration equipment torque wrench (test devices)	0,2 N·m – 3.500 N·m	DKD-R 3-8:2018	0,2 %
Hand-operated torque wrench	0,2 N·m – 1.000 N·m	DIN EN ISO 6789-2:2017	1 %
Electr. torque wrench	0,2 N·m – 1.000 N·m	GEDORE factory standard	2 %
Calibration equipment torque wrench (test devices)	0,2 N·m – 3.500 N·m	based on VDI/VDE 2646	2 %
Hand-operated torque wrench	0,2 N·m – 3.000 N·m	DIN EN ISO 6789-2:2017 or GEDORE factory standard	1 %
Electr. torque/rotary angle wrench	5 N·m – 300 N·m	VDI/VDE 2647 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.

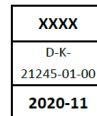
Please look for our registration no. D-K-21245-01-00. In the calibration procedure the calibration laboratory of GEDORE Werkzeugfabrik GmbH & Co. KG is obliged to fulfil the contractually stipulated criteria of the DAkkS.

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 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.



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 German Accreditation (DAkkS) accredited and monitored by the German Accreditation Body (DAkkS) according to DIN 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)



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".

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.

WE RECOMMEND:

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

YOUR ADVANTAGE:

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



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

i DREMOMETER

Permanent Precision



SE 9x12 14x18 8-400 N·m



L 1/4 - 1" 6-2000 N·m



Z 1/4 - 1/2 6-3000 N·m



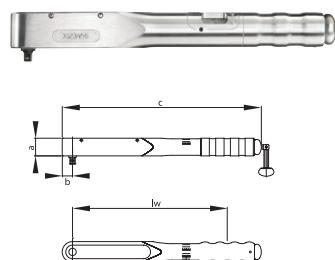
Z ⑯ ⑳ ⑲ 8-1000 N·m

1

DRIVE IN ACCORDANCE WITH APPLICATION

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

8554 AM - 8559 AML
Torque wrench DREMOMETER
6-30 N·m / 50-270 lbf·in



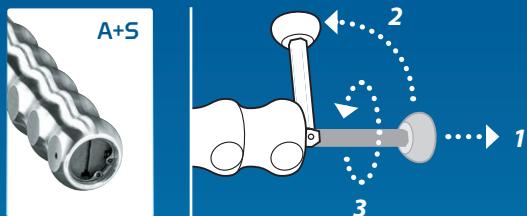
- Torque wrench with 1/4" square drive in the range 6 - 30 N·m
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click

- Double scale for measuring ranges in the lbf-in range
- Highest accuracy max. deviation of +/- 3
- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2

Code	No.	Drive type/drive	■ "	■ mm	Storage	N·m	lbf·in	lw	a	b	c	■ mm/mm	■ kg
7775440	8554-01	Single square	1/4"	6,3	Plastic box	6-30	50-270	206	30	15	268	1 N·m / 10 lbf·in	0,85
7674090	8554-02	Single square	1/4"	6,3	Plastic cassette	6-30	50-270	206	30	15	268	1 N·m / 10 lbf·in	0,992
7775870	8559-01	Double square	1/4"	6,3	Plastic box	6-30	50-270	206	30	15	268	1 N·m / 10 lbf·in	0,553

TECHNICAL INFORMATION

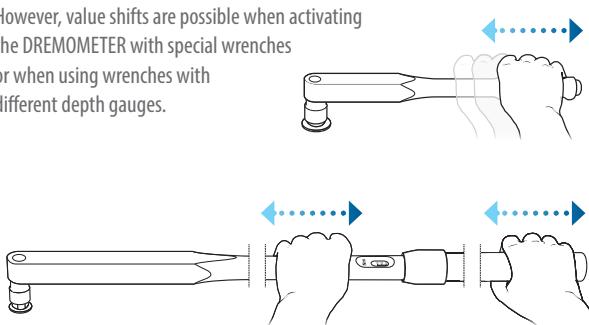
Setting of the torque value to N·m or alternatively to lbf·in / lbf·ft by the non-losable hexagon key in the handgrip. The smooth-running mechanism enables the setting to be made quickly without significant force needing to be applied. All DREMOMETERS are also available with locking and safety device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



OPERABLE WITHOUT INACCURACIES

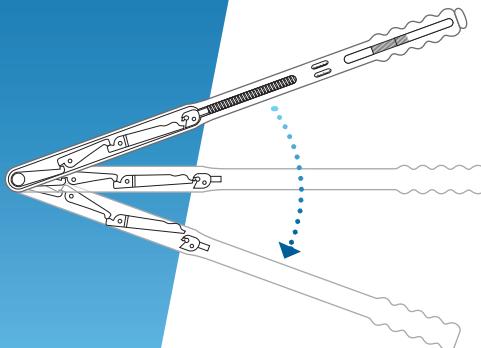
Regardless of where you apply the force, at the center of the handgrip or another part of the DREMOMETER, with both hands or using an extension tube, your torque setting will always be attained, without shifts in value. Due to its unique single-axis location of the centre of rotation and the output square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

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

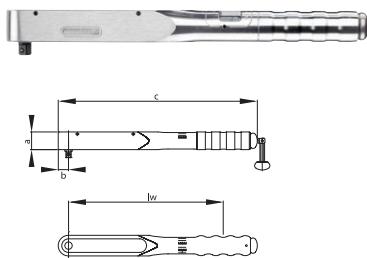


WORKING PRINCIPLE

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



8560 A - 8565 AL Torque wrench DREMOMETER 8-40 N·m / 70-350 lbf·in



- Torque wrench with 3/8" square drive in the range of 8-40 N·m
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in the lbf-in range

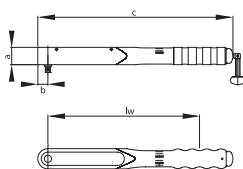
- Highest accuracy max. deviation of +/- 3%
- Error-free operation - no change in torque values when operated outside the handle. Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2

Code	No.	Drive type/drive	3/8"	mm	Storage	N·m	lbf-in	lw	a	b	c	lbf-in/mm	kg
7682000	8560-01	Single square	3/8"	10	Plastic box	8-40	70-350	262	30	17,5	338	5 N·m / 50 lbf-in	0,848
7682190	8565-01	Double square	3/8"	10	Plastic box	8-40	70-350	262	30	17,5	338	5 N·m / 50 lbf-in	1

Torque Tools

8561 B - 8566 BL

Torque wrench DREMOMETER
25-120 N·m / 18-90 lbf·ft



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

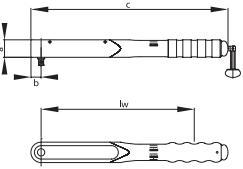
- Highest accuracy max. deviation of +/- 3%
- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- Power-saving through the use of optional extension tubes



Code	No.	Drive type/drive	■ "	■ mm	Storage	Contents	N·m	lbf·ft	lw	a	b	c	■ mm/mm	■ kg
2926989	8561-001	Single square	1/2"	12,5	Plastic box	ALU-extension tube No. 8577-350	25-120	18-90	373	30	17,5	462	5 N·m / 5 lbf·ft	2,2
7683320	8561-01	Single square	1/2"	12,5	Plastic box		25-120	18-90	373	30	17,5	462	5 N·m / 5 lbf·ft	1,5
7683400	8566-01	Double square	1/2"	12,5	Plastic box		25-120	18-90	373	30	17,5	462	5 N·m / 5 lbf·ft	1,5

8573 BC - 8578 BCL

Torque wrench DREMOMETER
40-200 N·m / 30-150 lbf·ft



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

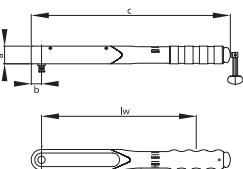
- Highest accuracy max. deviation of +/- 3%
- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- With push-button release



Code	No.	Drive type/drive	■ "	■ mm	Storage	N·m	lbf·ft	lw	a	b	c	■ mm/mm	■ kg
7685530	8573-00	Single square	1/2"	12,5	Plastic box	40-200	30-150	463	30	17,5	551	5 N·m / 5 lbf·ft	1,4
7683590	8573-02	Single square	1/2"	12,5	Plastic box	40-200	30-150	463	30	17,5	551	5 N·m / 5 lbf·ft	3,5
7683670	8578-00	Double square	1/2"	12,5	Plastic box	40-200	30-150	463	30	17,5	551	5 N·m / 5 lbf·ft	1,4

8562 C - 8567 CL

Torque wrench DREMOMETER
60-300 N·m / 45-220 lbf·ft



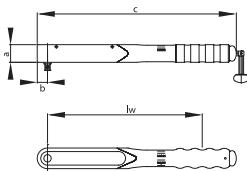
- Torque wrenches with 1/2" square drive in the range 60 - 300 N·m
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in lbf·ft range

- Highest accuracy max. deviation of +/- 3%
- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- Power-saving through the use of optional extension tubes



Code	No.	Drive type/drive	■ "	Storage	Contents	N·m	lbf·ft	■ mm/mm	lw	a	d	■ kg
2926997	8562-001	Single square	1/2"	Plastic box	ALU-extension tube No. 8577-350	60-300	45-220	5 N·m / 5 lbf·ft	529	35	617	2,7
7685450	8562-10	Single square	1/2"	Plastic box		60-300	45-220	5 N·m / 5 lbf·ft	529	35	617	2
7685960	8567-10	Double square	1/2"	Plastic box		60-300	45-220	5 N·m / 5 lbf·ft	529	35	617	2,3

8570 CD - 8575 CDL
Torque wrench DREMOMETER
80-360 N·m / 60-260 lbf·ft



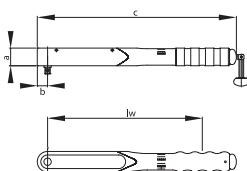
- Torque wrench with 3/4" square drive in the range of 80 - 360 N.m
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in lbf·ft range



- Highest accuracy max. deviation of +/- 3
- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- Power-saving through the use of optional extension tubes

Code	No.	Drive type/drive	■ "	Storage	Contents	N-m	lbf·ft	lw	a	d	kg
2927004	8570-001	Single square	3/4"	Plastic box	ALU-extension tube No. 8577-350	80-360	60-260	5 N·m / 5 lbf·ft	624	45	717
7688470	8570-10	Single square	3/4"	Plastic box		80-360	60-260	5 N·m / 5 lbf·ft	624	45	717
7688710	8575-10	Double square	3/4"	Plastic box		80-360	60-260	5 N·m / 5 lbf·ft	624	45	717

8574 DS - 8579 DSL
Torque wrench DREMOMETER
110-550 N·m / 80-400 lbf·ft



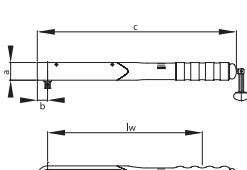
- Torque wrench with 3/4" square drive in the range of 110 - 550 N.m
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in lbf·ft range
- Highest accuracy max. deviation of +/- 3



- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2

Code	No.	Drive type/drive	■ "	Storage	N-m	lbf·ft	lw	a	d	kg
1427156	8574-10	Single square	3/4"	Plastic box	110-550	80-400	10 N·m / 10 lbf·ft	719	45	812
1427121	8579-10	Double square	3/4"	Plastic box	110-550	80-400	10 N·m / 10 lbf·ft	719	45	812

8563 D - 8568 DL
Torque wrench DREMOMETER
110-550 N·m / 80-400 lbf·ft



- Torque wrench with 3/4" square drive in the range of 110 - 550 N.m
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in lbf·ft range



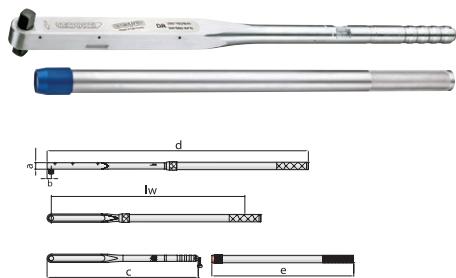
- Highest accuracy max. deviation of +/- 3
- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2

Code	No.	Drive type/drive	■ "	Storage	N-m	lbf·ft	lw	a	d	kg
7691500	8563-10	Single square	3/4"	Plastic box	155-760	115-560	/ 10 lbf·ft	719	45	812
7692070	8563-20	Single square	3/4"	metal box	155-760	115-560	/ 10 lbf·ft	719	45	812
7692660	8563-30	Single square	3/4"	Set mm	155-760	115-560	/ 10 lbf·ft	719	45	812
7691850	8568-10	Double square	3/4"	Plastic box	155-760	115-560	/ 10 lbf·ft	719	45	812

Torque Tools

8563 DR - 8568 DRL

Torque wrench DREMOMETER
155-760 N·m / 115-560 lbf·ft



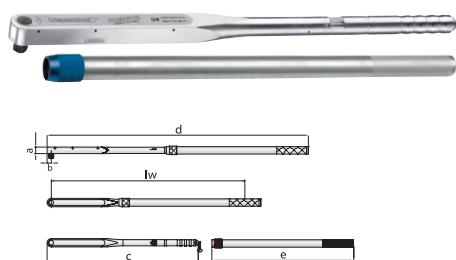
- Torque wrench with 3/4" square drive in the range 155 - 760 N.m
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in lbf·ft range
- Highest accuracy max. deviation of +/- 3

- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- Power-saving through the use of optional extension tubes

Code	No.	Drive type/drive	"	mm	Storage	Contents	N·m	lbf·ft	lw	a	b	c	d	e	kg
7670180	8563-01	Single square	3/4"	20	Plastic box	ALU extension tube No. 8571-80	155-760	115-560	1290,5	35	22,5	812	1403	762	5
7670500	8568-01	Double square	3/4"	20	Plastic box	ALU extension tube No. 8571-80	155-760	115-560	1290,5	35	22,5	812	1403	762	5

8571 DX - 8576 DXL

Torque wrench DREMOMETER
520-1000 N·m / 380-730 lbf·ft



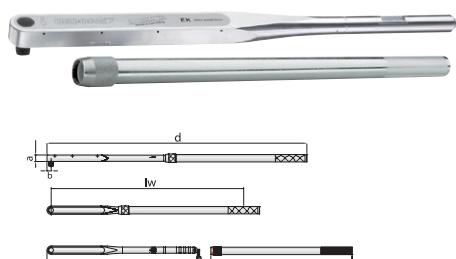
- Torque wrench with 3/4" square drive in the range of 520 - 1000 N.m
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in lbf·ft range

- Highest accuracy max. deviation of +/- 3
- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- Save effort using the optional extension tubes

Code	No.	Drive type/drive	"	mm	Storage	Contents	N·m	lbf·ft	lw	a	b	c	d	e	kg
7694010	8571-01	Single square	3/4"	20	Plastic box	ALU extension tube No. 8571-80	520-1000	380-730	1290,5	35	22,5	812	1403	762	4,25
7694360	8576-01	Double square	3/4"	20	Plastic box	ALU extension tube No. 8571-80	520-1000	380-730	1290,5	35	22,5	812	1403	762	5,6

8581 EK - 8586 EKL

Torque wrench DREMOMETER
600-1500 N·m



- Torque wrench with 1" square drive in the range 600 - 1500 N.m
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in lbf·ft range

- Highest accuracy max. deviation of +/- 3
- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- Save effort using the optional extension tubes

Code	No.	Drive type/drive	"	mm	Storage	Contents	N·m	lw	a	b	c	d	e	kg
2311267	8581-01	Single square	1"	25	Plastic Box	Extension tube 8564-92	600-1500	1473	40	30	932	1608	925	10,8
2311291	8586-01	Double square	1"	25	Plastic Box	Extension tube 8564-92	600-1500	1473	40	30	932	1608	925	10,8

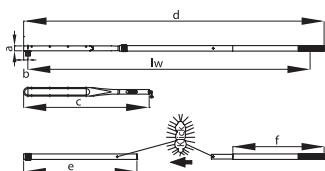
i CONFIGURATION

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

When ordering, please specify the N·m value.



8564 E - 8569 EL
Torque wrench DREMOMETER
750-2000 N·m



- Torque wrenches with 1" square drive in the range 750 - 2000 N·m

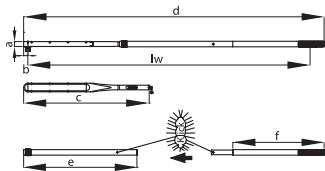
- Single- and double-square drive for controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in lbf·ft range

- Highest accuracy max. deviation of +/- 3
- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- Save effort using the optional extension tubes



Code	No.	Drive type/drive	"	mm	Storage	Contents	N·m	lw	a	b	c	d	e	f	kg
7695250	8564-01	Single square	1"	25	Plastic Box	Extension tube 8564-92 8572-74	750-2000	2213	40	30	932	2353	925	745	12
7695410	8569-01	Double square	1"	25	Plastic Box	Extension tube 8564-92 8572-74	750-2000	2213	40	30	932	2353	925	745	12

8572 F
Torque wrench DREMOMETER
1500-3000 N·m



- Torque wrench with 1.1/2" square drive in the range of 1500 - 3000 N·m

- Single square for the controlled legal suit
- you can feel and hear an audible automatic click
- Double scale for measuring ranges in lbf·ft range
- Highest accuracy max. deviation of +/- 3

- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- Save effort using the optional extension tubes

Code	No.	Drive type/drive	"	mm	Storage	Contents	N·m	lw	a	b	c	d	e	f	kg
7717160	8572-01	Single square	1.1/2"	40	Plastic Box	Extension tube 8564-92 8572-74	1500-3000	2309	40	35	1.037	2454	925	745	15

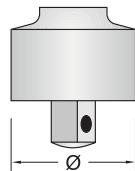
i ACCESSORIES DREMOMETER

Ratchet heads DREMOMETER 754

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



754 Ratchet head DREMOMETER



- Enables controlled torque tightening in combination with a DREMOMETER torque wrench
- Fine-pitched, sturdy ratchet head
- Made of chrome-vanadium steel
- Clockwise models (no. 754-00 to -06)

- Anti-clockwise models (no. 754-11 to -16)
- Made of chrome-vanadium steel
- *Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity

Code	No.	\square "	\blacksquare "	H	\varnothing mm	\angle °	Use	Version	Permanent load capacity*	kg
7680490	754-00	1/4"	1/4"	20	24	18	MINI, AM	Clockwise	1/4" = 30 N·m	0,054
7680570	754-01	3/8"	3/8"	28	35	20	A	Clockwise	3/8" = 135 N·m	0,15
7680650	754-02	1/2"	1/2"	36	46	7,5	B, BC, C	Clockwise	1/2" = 340 N·m	0,35
7680730	754-04	3/4"	3/4"	56	65	10	CD, DS, D, DR, DX	Clockwise	3/4" = 1000 N·m	1
7680810	754-06	1"	1"	62	73	10	E / EK	Clockwise	1" = 2000 N·m	1,8
7686770	754-11	3/8"	3/8"	28	35	20	AL	Anti-Clockwise	3/8" = 135 N·m	0,15
7686850	754-12	1/2"	1/2"	36	46	7,5	BL, BCL, CL	Anti-Clockwise	1/2" = 340 N·m	0,35
7686930	754-14	3/4"	3/4"	56	65	10	CDL, DSL, DL, DRL, DXL	Anti-Clockwise	3/4" = 1000 N·m	1
7687150	754-16	1"	1"	62	73	10	EL / EKL	Anti-Clockwise	1" = 2000 N·m	1,8

8564 - 8572 Extension tube for DREMOMETER E - F



- Effortless work - lever arm extension

- Extension tubes for torque wrench series DREMOMETER E - F

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

8577
Extension tube ALU for DREMOMETER A-DX

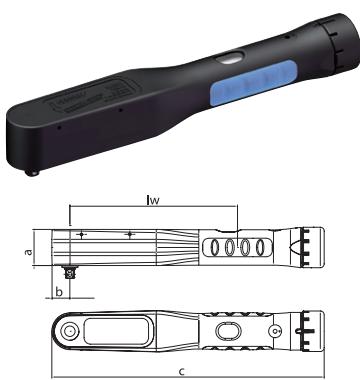


› Effortless work - lever arm extension

› Extension tubes for torque wrench series
DREMOMETER A - DX

Code	No.	Version/Execution	► mm ▶	
2880164	8577-350	with chuck	350	0,71
2880032	8577-700	with chuck	700	0,71
1686313	8571-80	with chuck	762	0,75

753
Torque wrench DREMOMETER MINI
2,5-12 N·m / 22,5-106 lbf·in



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

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

Code	No.	Drive type/drive	■ "	■ mm	N·m	lbf·in	lw	a	b	c	■ mm/mm	vernier Nm	
1957694	753-11	Single square	1/4"	6,3	2,5-12	22,5-106	130	28,5	14,5	211	5 N·m / 5 lbf·in	0,05	0,55

763
Torque wrench DREMOMETER T-FS
pre-set, 5-12 N·m



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

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

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

i DREMOMETER Z

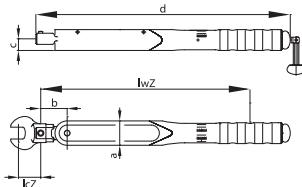
Technical Information Z

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



8460 Z - 8471 Z

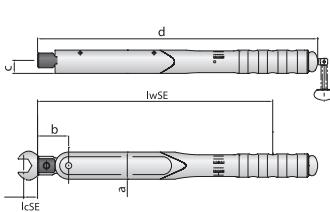
Torque wrench DREMOMETER Z
with quick-fitting change
8-1000 N·m / 70 lbf·in - 730 lbf·ft



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

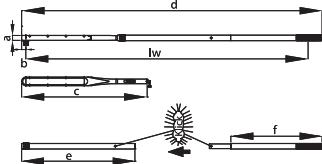
8480 SE - 8482 SE

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



Code	No.	Drive type/drive	mm	N·m	Ibf-in	Ibf-ft	mm	IwSE	IcSE	a	d	kg
7714060	8480-01	Rectangular cavity	9 x 12 mm	8-40	70-350		5 N·m / 50 lbf-in	302	17,5	35	361	0,95
7714140	8481-01	Rectangular cavity	9 x 12 mm	25-120		18-90	5 N·m / 5 lbf-ft	413,5	17,5	35	484	1,25
7714220	8482-01	Rectangular cavity	14 x 18 mm	80-400		60-300	5 N·m / 5 lbf-ft	582	25,0	35	641	1,7

7554 AM A+S - 7572 F A+S
Torque wrench DREMOMETER A+S
with pre-set value locking and
safety device (A+S)



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

- Error-free operation - no change in torque values when operated outside the handle.
- Not length dependent
- Certificate according to DIN EN ISO 6789:2017 part 2
- Save effort using the optional extension tubes



Code	No.	Drive type/drive	"	mm	N·m	lbf-in	lbf-ft	lbf-in	lw	a	b	c	d	e	f	kg
1210891	7554-01	Single square	1/4"	6,3	6-30	50-270		1 N·m / 10 lbf-in	206	30	15	256				0,58
1210904	7559-01	Double square	1/4"	6,3	6-30	50-270		1 N·m / 10 lbf-in	206	30	15	256				0,59
7708920	7560-01	Single square	3/8"	10	8-40	70-350		5 N·m / 50 lbf-in	262	30	17,5	326,5				1
1210939	7565-01	Double square	3/8"	10	8-40	70-350		5 N·m / 50 lbf-in	262	30	17,5	326,5				1
7709060	7561-01	Single square	1/2"	12,5	25-120		18-90	5 N·m / 5 lbf-ft	373	30	17,5	450				1,5
1210947	7566-01	Double square	1/2"	12,5	25-120		18-90	5 N·m / 5 lbf-ft	373	30	17,5	450				1,5
1211013	7573-00	Single square	1/2"	12,5	40-200		30-150	5 N·m / 5 lbf-ft	463	30	17,5	539				1,4
1427113	7578-00	Double square	1/2"	12,5	40-200		30-150	5 N·m / 5 lbf-ft	463	30	17,5	539				1,4
7709650	7562-10	Single square	1/2"	12,5	60-300		45-220	5 N·m / 5 lbf-ft	529	30	17,5	605				2
1210955	7567-10	Double square	1/2"	12,5	60-300		45-220	5 N·m / 5 lbf-ft	529	30	17,5	605				2
1210998	7570-10	Single square	3/4"	20	80-360		60-260	5 N·m / 5 lbf-ft	624	30	22,5	705,5				2,4
1211021	7575-10	Double square	3/4"	20	80-360		60-260	5 N·m / 5 lbf-ft	624	30	22,5	705,5				2,4
1427164	7574-10	Single square	3/4"	20	110-550		80-400	10 N·m / 10 lbf-ft	719	35	22,5	800				2,9
1427148	7579-10	Double square	3/4"	20	110-550		80-400	10 N·m / 10 lbf-ft	719	30	22,5	800				2,9
1210921	7563-10	Single square	3/4"	20	155-760		115-560	10 N·m / 10 lbf-ft	719	35	22,5	800				3,2
1210971	7568-10	Double square	3/4"	20	155-760		115-560	10 N·m / 10 lbf-ft	719	35	22,5	800				3,2
1210912	7563-01	Single square	3/4"	20	155-760		115-560	10 N·m / 10 lbf-ft	1290,5	35	22,5	800	1403	762		5
1210963	7568-01	Double square	3/4"	20	155-760		115-560	10 N·m / 10 lbf-ft	1290,5	35	22,5	800	1403	762		5
1211005	7571-01	Single square	3/4"	20	520-1000		380-730	10 N·m / 10 lbf-ft	1290,5	35	22,5	800	1403	762		5,6
1211048	7576-01	Double square	3/4"	20	520-1000		380-730	10 N·m / 10 lbf-ft	1291	35	22,5	800	1403	762		5,6
2311321	7581-01	Single square	1"	25	600-1500		25 N·m /		1473	40	30	920	1608	925		10,8
2311348	7586-01	Double square	1"	25	600-1500		25 N·m /		1473	40	30	920	1608	925		10,8
1547232	7564-01	Single square	1"	25	2000-2000		50 N·m /		2213	40	30	920	2353	925	745	11,6
1547240	7569-01	Double square	1"	25	2000-2000		50 N·m /		2213	40	30	920	2353	925	745	11,6
1547259	7572-01	Single square	1"	40	1500-3000		50 N·m /		2309	40	35	1.025	2353	925	745	13,2

i DREMOMETER SE

Technical information Quick-fitting change

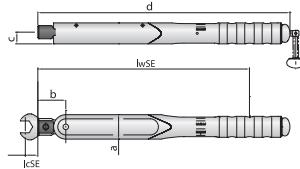
Quick-change system with pin locking guarantees flexible and swift working methods. Ideal for installations in confined and poorly accessible spaces. Depending on the application for the DREMOMETER SE, access is possible from the front and side.



Torque Tools

7480 SE - 7482 SE

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



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

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



Code	No.	Drive type/drive	mm	N·m	lbf-in	lbf-ft	lbf-in	lwsE	lcSE	a	d	kg
1427059	7480-01	Rectangular cavity	9 x 12 mm	8-40	70-50		5 N·m / 50 lbf-in	302	17,5	35	361	0,95
1427105	7482-01	Rectangular cavity	14 x 18 mm	80-400		60-300	5 N·m / 5 lbf-ft	582	17,5	35	653	1,7
1427091	7481-01	Rectangular cavity	9 x 12 mm	25-120		18-90	5 N·m / 5 lbf-ft	413,5	25,0	35	484	1,25

7460 Z - 7471 Z

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



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

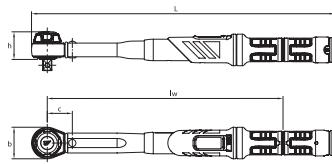
- Certificate according to DIN EN ISO 6789:2017 part 2
- Actuation only at the handle centre
- Observe the gauge block for special attachments
- If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)



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

DMK

Torque wrench DREMASTER® K 20-850 N·m



- 1/2" mushroom head with push-button release, integrated ratchet function, from DMK 400 with 3/4" square socket
- For controlled bi-directional tightening
- you can feel and hear an audible automatic click

- Highest accuracy max. deviation of +/- 3
- Ergonomically shaped plastic handgrip with calibration aid
- Switching between main scale N·m and sub scale lbf-ft, no reading errors
- Provision for rapid setting with hexagon allen key, not included
- Secured adjusting/setting system
- Certificate according to DIN EN ISO 6789:2017 part 2



Code	No.	"	mm	N·m	lbf-ft	lbf-in	vernier Nm	L	lw	h	b	kg
2641232	DMK 100	1/2"	12,5	20-100	15-75	5 N·m / 5 lbf-ft	0,5 N·m	424	423,5	38,5	44	1,25
2641240	DMK 200	1/2"	12,5	40-200	30-150	10 N·m / 10 lbf-ft	1 N·m	514,5	514,5	38,5	44	1,4
2641259	DMK 300	1/2"	12,5	60-300	45-220	10 N·m / 10 lbf-ft	1 N·m	606,4	511,1	38,4	44	1,4
2641267	DMK 400	3/4"	20	80-400	60-300	10 N·m / 10 lbf-ft	1 N·m	712,5	608,9	38	67	2,5
2641275	DMK 550	3/4"	20	110-550	80-405	10 N·m / 10 lbf-ft	1 N·m	953,2	846,4	38	69	3,9
2641283	DMK 750	3/4"	20	150-750	110-550	10 N·m / 10 lbf-ft	1 N·m	1.228,2	1121,4	38	69	5
2641291	DMK 850	3/4"	20	250-850	185-630	10 N·m / 10 lbf-ft	1 N·m	1.375,2	1268,4	38	69	5,4

i DREMASTER DMK

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



NONIUS

Model-dependent intervals of 1 or 0.5 N·m allow very accurate settings.



LIGHWEIGHT AND RELIABLE

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



DUAL SCALE WITH MAIN AND ALTERNATIVE UNIT (N·M/IBF·FT)

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



2



3

ZINC-PLATED RATCHET HEAD

All 1/2" square drives of the DREMASTER® DMK-series have a black plastic cap - also referred to as a mushroom head. This mushroom head prevents an unintentional pulling out of the whole square drive when changing the nut socket.

AUTOMATIC ACTUATION

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

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 $\pm 3\%$ deviation and better. The specifications of the standard ($\pm 4\%$) are exceeded.

4

ROBUST STEEL TUBE

With high corrosion protection, chrome-plated, satin powdercoated

5

ADDITIONAL PROTECTION OF THE SERIAL NUMBER

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

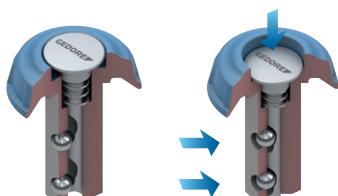
6

HANDGRIP WITH A USER AID

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

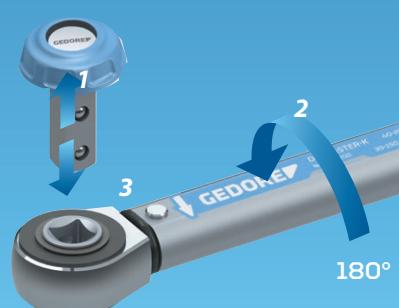


TECHNICAL INFORMATION ANTI-LOSS ATTACHMENT



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

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



i DREMASTER DMUK

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



1 **2**



1

DRIVE

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

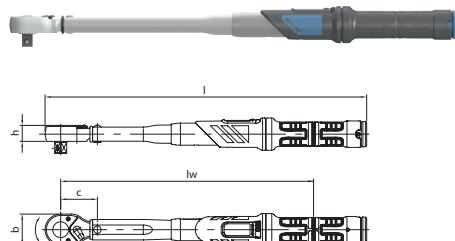
2

ROBUST TUBULAR STEEL

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

DMUK

Torque wrench DREMASTER® UK
20-300 N·m / 15-220 lbf·ft



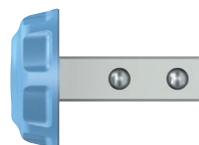
- With 1/2" switch square and integrated ratchet function
- For controlled directional tightening
- You can feel and hear an audible automatic click
- Highest accuracy max. deviation of +/- 3%



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

Code	No.	■ "	■ mm	N·m	lbf·ft	■ mm	vernier Nm	L	lw	h	b	■ kg
2641305	DMUK 100	1/2"	12,5	20-100	15-75	5 N·m / 5 lbf·ft	0,5 N·m	437,7	344,2	22	42,5	1,2
2641313	DMUK 200	1/2"	12,5	40-200	30-150	10 N·m / 10 lbf·ft	1 N·m	529,7	435,2	22	42,5	1,4
2641348	DMUK 300	1/2"	12,5	60-300	45-220	10 N·m / 10 lbf·ft	1 N·m	619,6	526,1	22	42,5	1,6

DMKPK
Mushroom head
DREMASTER® DMK

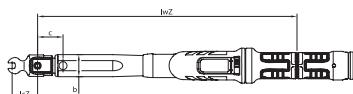
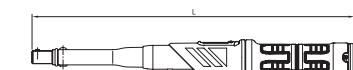


- 1/2" mushroom head with release button

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

DMZ

Torque wrench DREMASTER® Z
20-850 N·m / 15-630 lbf·ft



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

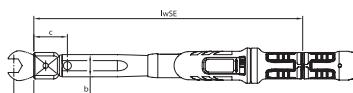
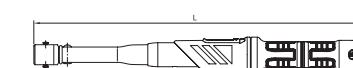
- Switching between main scale N·m and sub scale lbf·ft, no reading errors
- Provision for rapid setting with hexagon allen key, not included
- Secured adjusting/setting system
- Certificate according to DIN EN ISO 6789:2017 part 2
- For special tools observe the gauge block



Code	No.	\varnothing	N·m	lbf·ft	IwZ	vernier Nm	L	IwZ	IcZ	$\frac{\text{Nm}}{\text{lbf}\cdot\text{ft}}$
2641518	DMZ 100	16	20-100	15-75	5 N·m / 5 lbf·ft	0,5 N·m	405,5	326,2	32,0	1
2641526	DMZ 200	16	40-200	30-150	10 N·m / 10 lbf·ft	1 N·m	230	417,2	32,0	1,1
2641534	DMZ 300	16	60-300	45-220	10 N·m / 10 lbf·ft	1 N·m	587,4	508,1	32,0	1,3
2641542	DMZ 400	16	80-400	60-300	10 N·m / 10 lbf·ft	1 N·m	677,2	597,9	32,0	1,8
2641550	DMZ 550	22	110-550	80-405	10 N·m / 10 lbf·ft	1 N·m	912,7	831,4	56,0	3,3
2641569	DMZ 750	22	150-750	110-550	10 N·m / 10 lbf·ft	1 N·m	1.193,7	1121,7	56,0	4,4
2641577	DMZ 850	22	250-850	185-630	10 N·m / 10 lbf·ft	1 N·m	1.340,7	1259,4	56,0	5

DMSE

Torque wrench DREMASTER® SE
20-400 N·m / 15-300 lbf·ft



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

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



Code	No.	$\square \text{mm}$	N·m	lbf·ft	IwSE	vernier Nm	L	IwSE	IcSE	$\frac{\text{Nm}}{\text{lbf}\cdot\text{ft}}$
2641445	DMSE 100	9 x 12 mm	20-100	15-75	5 N·m / 5 lbf·ft	0,5 N·m	398,5	326,2	17,5	1
2641453	DMSE 150	9 x 12 mm	30-150	22-110	10 N·m / 10 lbf·ft	1 N·m	489,5	417,2	17,5	1,16
2641461	DMSE 200	14 x 18 mm	40-200	30-150	10 N·m / 10 lbf·ft	1 N·m	499,5	427,2	25,0	1,25
2641488	DMSE 300	14 x 18 mm	60-300	45-220	10 N·m / 10 lbf·ft	1 N·m	590,4	518,1	25,0	1,4
2641496	DMSE 400	14 x 18 mm	80-400	60-300	10 N·m / 10 lbf·ft	1 N·m	677,2	604,9	25,0	2

i TORCOFIX K

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



MICROMETRE SCALE

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

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



LIGHTEST AND RELIABLE

Locking button enables reliable locking of the torque setting

CHROME-PLATED RATCHET HEAD

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



2 AUTOMATIC ACTUATION

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



3 DIN EN ISO

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

4 ROBUST STEEL TUBE

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

5 SERIAL NUMBER

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

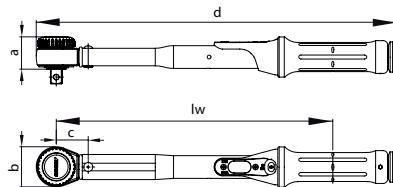
6 HANDGRIP WITH A USER AID

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



NEW**TF-K**

Torque wrench Torcofix TF-K
20-850 N·m / 15-630 lbf·ft

**Use:**

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

Features:

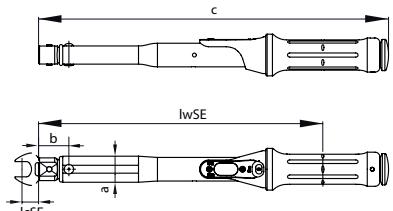
- Classified as per DIN EN ISO 6789-2:2017 Type II Class A; adjusted to a maximum permissible +/-3% deviation and thus with a greater precision than the standard-stipulated +/-4%
- Incl. traceable test certificate (DIN EN ISO 6789-2:2017)
- For controlled right and left tightening (Reverse square for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

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

Code	No.	■ "	■ mm	N·m	lbf·ft	vernier Nm	lw	a	b	d	kg
3278379	TF-K100	1/2"	12,5	20 N·m-100 N·m	15 lbf·ft-75 lbf·ft	0,5 N·m	313,3	36	44,0	403,2	0,97
3278387	TF-K200	1/2"	12,5	40 N·m-200 N·m	30 lbf·ft-150 lbf·ft	1 N·m	404,3	36	44,0	494	1,18
3278395	TF-K300	1/2"	12,5	60 N·m-300 N·m	45 lbf·ft-220 lbf·ft	1 N·m	495,3	36	46,0	586	1,37
3278409	TF-K400	3/4"	20	80 N·m-400 N·m	60 lbf·ft-300 lbf·ft	1 N·m	593,3	31	62,5	694,5	1,93
3278492	TF-K550	3/4"	20	110 N·m-550 N·m	80 lbf·ft-405 lbf·ft	1 N·m	863,8	31	69,0	966	3,6
3278514	TF-K850	3/4"	20	250 N·m-850 N·m	185 lbf·ft-630 lbf·ft	1 N·m	1285,8	31	69,0	1.388	4,8

NEW**TF-SE**

Torque wrench TORCOFIX SE

**Use:**

- Controlled screw tightening in the most common range of 20 - 400 N·m / 15 - 300 lbf·ft
- Adjustable, releasing and sturdy tubular torque wrench with integrated ratchet and with square drive for industry and the trades

Features:

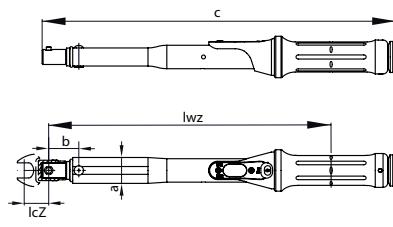
- Classified as per DIN EN ISO 6789-2:2017 Type II Class A; adjusted to a maximum permissible +/-3% deviation and thus with a greater precision than the standard-stipulated +/-4%
- Incl. traceable test certificate (DIN EN ISO 6789-2:2017)
- For controlled right and left tightening (Reverse square for change of direction)
- Rectangular receptacle incl. ejection aid in the versions 9x12 mm and 14x18 mm
- Robust, matt powder-coated tubular steel construction, with galvanized ratchet and high-quality plastic parts

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

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

NEW**TF-Z**

Torque wrench TORCOFIX Z

**Use:**

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

Features:

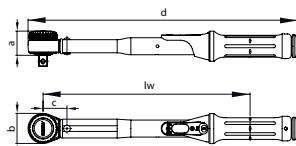
- Classified as per DIN EN ISO 6789-2:2017 Type II Class A; adjusted to a maximum permissible +/-3% deviation and thus with a greater precision than the standard-stipulated +/-4%
- Incl. traceable test certificate (DIN EN ISO 6789-2:2017)
- For controlled right and left tightening (Reverse square for change of direction)
- Trunnion mounting in the versions Ø 16 mm and Ø 22 mm
- Factory depth gauge: 32 mm (Ø 16 mm) or 56 mm (Ø 22 mm)



- Robust, matt powder-coated tubular steel construction, with galvanized ratchet and high-quality plastic parts

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

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

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

- 1/4", 3/8", 1/2" mushroom head square. From 3/4" with square drive
- For controlled bi-directional tightening



- you can feel and hear an audible automatic click
- Highest accuracy max. deviation of +/- 3
- Ergonomic system for torque adjustment
- Double scale N·m and lbf·ft
- Certificate according to DIN EN ISO 6789:2017 part 2

Code	No.	■ "	■ mm	N·m	lbf·ft	l	vernier N·m	lw	a	b	d	
2201429	4549-00	1/4"	6,3	1-5	0,75-3,7	25 N·m / 25 lbf·ft	0,025 N·m	146	25,3	35,0	224	0,432
1545132	4549-02	1/4"	6,3	5-25	3,7-18	1 N·m / 1 lbf·ft	0,1 N·m	206,5	25,3	35,0	284	0,68
1545140	4549-05	3/8"	10	10-50	7,5-37	25 N·m / 25 lbf·ft	0,25 N·m	256,5	25,3	35,0	334	0,55
7601530	4550-10	1/2"	12,5	20-100	15-75	5 N·m / 5 lbf·ft	0,5 N·m	303,2	36	44,0	395	1,34
7601610	4550-20	1/2"	12,5	40-200	30-150	10 N·m / 10 lbf·ft	1 N·m	394,2	36	44,0	486	1,344
7601880	4550-30	1/2"	12,5	60-300	45-220	10 N·m / 10 lbf·ft	1 N·m	485,2	36	46,0	578	1,504
7674330	4550-40	3/4"	20	80-400	60-300	10 N·m / 10 lbf·ft	1 N·m	583,2	31	62,5	686	1,988
7674760	4550-55	3/4"	20	110-550	80-405	10 N·m / 10 lbf·ft	1 N·m	853,7	31	69,0	958	4,224
1521365	4550-75	3/4"	20	150-750	110-550	10 N·m / 10 lbf·ft	1 N·m	1128,7	38	69,0	1.232	5,4
1950525	4551-85	3/4"	20	250-850	185-630	10 N·m / 10 lbf·ft	1 N·m	1275,7	38	69,0	1.380	5,4

4549 - 4550
Mushroom head
TORCOFIX K



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

Code	No.	□ "	□	■ "	■	Ø 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	4550-855	1/2" - 1/2"	12,5	1/2"	12,5	44	0,06

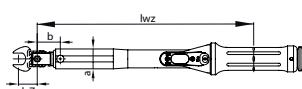
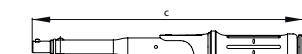
i TORCOFIX Z

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 N·m / 3,7-630 lbf·ft



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

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

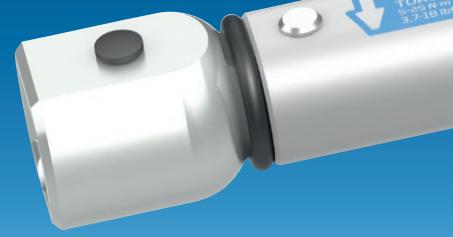


Code	No.	Ø	N·m	lbf·ft	vernier Nm	lwZ	lcZ	c	kg
1646168	4400-02	16	5-25	3,7-18	1 N·m	0,1 N·m	210,5	32,0	278
1646176	4405-05	16	10-50	7,5-37	25 N·m	0,25 N·m	260,5	32,0	328
7097270	4410-01	16	20-100	15-75	5 N·m	0,5 N·m	300,2	32,0	376,5
7097350	4420-01	16	40-200	30-150	10 N·m	1 N·m	391,2	32,0	467,5
7097430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

i TORCOFIX SE

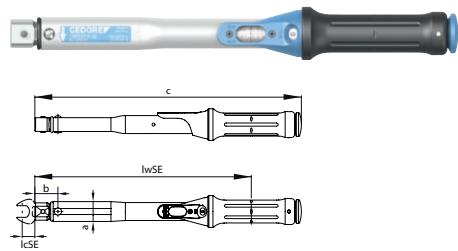
Technical Information - Quick-fitting change (SE)

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



4100 - 4301

Torque wrench TORCOFIX SE
5-400 N·m / 3,7-300 lbf·ft



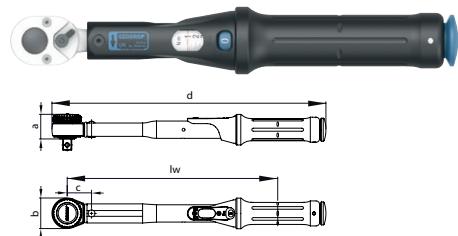
- SE holder for insert tools (jaw, ring, reversible ratchet)
- For controlled bi-directional tightening
- you can feel and hear an audible automatic click
- Highest accuracy max. deviation of +/- 3

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

Code	No.	mm	N·m	lbf·ft	vernier Nm	lcSE	c	lwsE	lcSE	kg	
1646192	4101-02	9 x 12	5-25	3,7-18	1 N·m	0,1 N·m	17,5	273	212,5	17,5	0,32
1646206	4101-05	9 x 12	10-50	7,5-37	25 N·m	0,25 N·m	17,5	323	262,5	17,5	0,399
7600210	4100-01	9 x 12	20-100	15-75	5 N·m	0,5 N·m	17,5	369,5	300,2	17,5	0,73
1654934	4200-02	9 x 12	30-150	22-110	10 N·m	1 N·m	17,5	460,5	391,2	17,5	0,896
7600990	4201-01	14 x 18	40-200	30-150	10 N·m	1 N·m	25	470,5	401,2	25,0	0,959
7601020	4300-01	14 x 18	60-300	45-220	10 N·m	1 N·m	25	561,5	492,2	25,0	1,177
7604120	4301-01	14 x 18	80-400	60-300	10 N·m	1 N·m	25	648,5	579,2	25,0	1,589

3549 UK - 3550 UK

Torque wrench TORCOFLEX UK
1-200 N·m



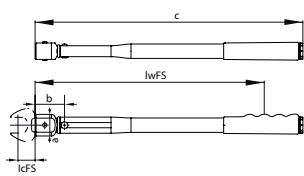
- Adjustable, releasing and sturdy tubular torque wrench with integrated lever ratchet and with square drive for industry and the trades
- Classified according to DIN EN ISO 6789:2017 Type II Class A, with a traceable factory certificate. Calibrated to a permissible deviation of +/- 3 % and better.

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

Code	No.	"	mm	vernier Nm	lw	a	b	d	kg
2958007	3549-00 UK	1/4"	6,3	0,025 N·m	152	15	25,0	225	0,61
2958015	3549-02 UK	1/4"	6,3	0,1 N·m	212,5	21,5	25,0	286	0,67
2958023	3549-05 UK	3/8"	10	0,25 N·m	270,5	19,1	35,0	348	0,825
2958031	3550-10 UK	1/2"	12,5	0,5 N·m	318,2	22	42,5	409	1,38
2958058	3550-20 UK	1/2"	12,5	1 N·m	409,2	22	42,5	522	1,467
2958066	3550-30 UK	1/2"	12,5	1 N·m	500,2	22	42,5	591	1,74
2958074	3550-40 UK	3/4"	20	1 N·m	634,2	36	68,0	738	3,44
2958082	3550-55 UK	3/4"	20	1 N·m	894,7	36	68,0	998	3,7

4150 - 4151

Torque wrench for pre-setting TORCOFIX FS
5-200 N·m



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

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

Code	No.	\square mm	N·m	lWFs	lcFS	a	c	$\frac{\text{kg}}{\text{mm}}$
7601960	4150-25 without fixed	9 x 12	5-25	134	17,5	22	186	0,3
7602180	4150-50 without fixed	9 x 12	10-50	194	17,5	22	246	0,27
7602850	4150-85 without fixed	9 x 12	17-85	277	17,5	22	329	0,34
7603580	4151-20 without fixed	14 x 18	40-200	357	25	33	410	0,75

PRIME FH

Torque screwdriver type PGNS FS
0,2-4,5 N·m / pre-set



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

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

Code	No.	\square "	\square mm	cN·m	N·m	\square mm	$\frac{\text{kg}}{\text{mm}}$
2927721	PRIME 150 FH	1/4"	6,3	20-150	0,2-1,5	138	0,198
2927748	PRIME 450 FH	1/4"	6,3	50-450	0,5-4,5	138	0,198

PRO ESD FH

Torque screwdriver Type PGNE FS
0,05-13,5 N·m / pre-set



- Adjustable torque screwdriver for series assembly
- 1/4" hexagon socket for 1/4" bits - C 6.3
- With slip clutch for error proof controlled right and left hand tightening
- It is not possible to over-tighten the screw
- Test certificate according to DIN EN ISO 6789, permissible deviation of +/- 6

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

Code	No.	\square "	\square mm	cN·m	N·m	\square mm	$\frac{\text{kg}}{\text{mm}}$
2927799	PRO 25 ESD FH	1/4"	6,3	5-25	0,05-0,25	132	0,21
2927802	PRO 150 ESD FH	1/4"	6,3	20-150	0,2-1,5	132	0,21
2927810	PRO 450 ESD FH	1/4"	6,3	50-450	0,5-4,5	140	0,23
2927829	PRO 1350 ESD FH	1/4"	6,3	250-1350	2,5-13,5	140	0,23

Torque Tools

PRO FH

Torque screwdriver Type PGNP FS
0,05-13,5 N·m / pre-set



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

- Fatigue-free working through ergonomic handle
- Models 4,5 and 13,5 with additional removable T-bar for ease of use
- EPA (Electrostatic Protected Area) compliant

Code	No.	∅ "	∅ mm	cN·m	N·m	mm	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 N·m / pre-set

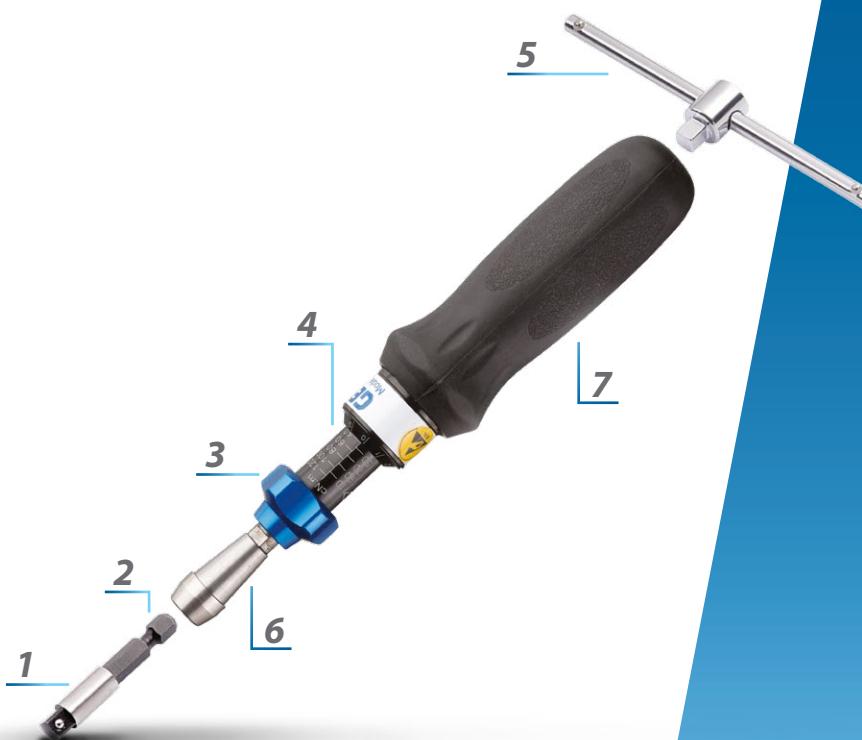


- fixed torque screwdriver for series assembly
- 1/4" hexagon socket for 1/4" bits - C 6.3
- With slip clutch for error proof controlled right and left hand tightening
- It is not possible to over-tighten the screw
- Test certificate according to DIN EN ISO 6789, permissible deviation of +/- 6
- Fatigue-free working through ergonomic handle

- Fixed setting at GEDORE or by hand on a test device
- If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)
- Model No. 755-05 with additional cross handle

Code	No.	∅ "	∅ mm	■ "	■ mm	cN·m	N·m	mm	kg
1471481	TLS0022 MICRO FH BLUE	1/4"	6,3	1/4"	6,3	4,4-22	0,04-0,22	76	0,05
1471473	TLS0022 FH BLUE	1/4"	6,3	1/4"	6,3	4,4-22	0,04-0,22	104	0,072
1471465	MIN FH BLUE	1/4"	6,3	1/4"	6,3	27-135	0,27-1,35	111	0,21
1471457	STD FH BLUE	1/4"	6,3	1/4"	6,3	80-400	0,8-4	127	0,28
1228501	TLS1360 FH BLUE	1/4"	6,3	1/4"	6,3	280-1360	2,8-13,6	137	0,325

i TORQUE SCREWDRIVERS 756

**1**
**DRIVE ADAPTOR
1/4"-SQUARE DRIVE**

To fit industry standard nut sockets.

2
**DRIVE ADAPTOR
1/4"-HEXAGON-MALE**

Guarantees a safe and stable connection to the tool.

3
"POSITIV-LOCK"-SYSTEM

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

4
SCALE

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

5
SLIDING T-BAR

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

6
1/4"-DRIVE TYPE

Made of stainless steel, for industry-standard bits.

7
RUBBER HANDGRIP

Ergonomic, can be held securely in your hand.

QSNTorque screwdriver Type S
0,08-9 N·m

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

- EPA (Electrostatic Protected Area) compliant
- Incl. 1/4" adapter drive unit (No. 757-20)
- Models no. 756-06/-09 with additional cross handle



Code	No.	\odot "	\odot mm	\blacksquare "	\blacksquare mm	cN·m	N·m	\square mm \square	Δ kg Δ
1498738	QSN40 FH	1/4"	6,3	1/4"	6,3	8-40	0,08-0,4	159	0,124
1400150	QSN120 FH	1/4"	6,3	1/4"	6,3	24-120	0,24-1,2	183	0,23
1400169	QSN600 FH	1/4"	6,3	1/4"	6,3	120-600	1,2-6	196	0,335
1400177	QSN900 FH	1/4"	6,3	1/4"	6,3	400-900	4-9	196	0,335

Torque Tools

QS

Torque screwdriver Type S

0,24-9 N·m



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

- Certificate according to DIN EN ISO 6789 maximum deviation /- 6%
- Incl. 1/4" adapter drive unit (No. 757-20)
- Models No. 757-06/-09 with additional cross handle

Code	No.	∅ "	∅ mm	■ "	■ mm	cN·m	N·m	mm	kg
7718050	QSM/N FH BLUE	1/4"	6,3	1/4"	6,3	24-120	0,24-1,2	169	0,165
7718130	QS6 FH BLUE	1/4"	6,3	1/4"	6,3	120-600	1,2-6	184	0,335
7718210	QS9 FH BLUE	1/4"	6,3	1/4"	6,3	400-900	4-9	184	0,335

TT

Torque screwdriver Type SP

10-500 cN·m / 14 ozf-in-40 lbf-in



- Indicating torque test screwdriver with double scale
- With slave-pointer function works in both directions
- For controlled bi-directional tightening
- 1/4" hexagon socket for 1/4" bits - C 6.3
- Certificate according to DIN EN ISO 6789 maximum deviation /- 6%

- EPA (Electrostatic Protected Area) compliant
- Incl. 1/4" adapter drive unit (No. 757-20)
- Models No. 758-25/-50 with additional cross handle

Code	No.	∅ "	∅ mm	cN·m	N·m	ozf-in / lbf-in	mm	kg
7096380	TT50 FH BLUE	1/4"	6,3	10-50	0,1-0,5	14-70	178	0,19
7096460	TT100 FH BLUE	1/4"	6,3	20-100	0,2-1	28-140	178	0,19
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

5-125 N·m / pre-set



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

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

Code	No.	■ "	■ mm	N·m	lbf-in	mm	kg
7091900	TSN25D	1/4"	6,3	5-25	44-221	216	0,34
7092040	TSN25A	3/8"	10	5-25	44-221	216	0,34
7092120	TSN55	3/8"	10	15-55	132-486	324	0,8
7092200	TSN125	1/2"	12,5	40-125	354-1106	460	1,36

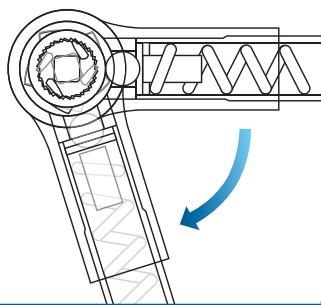
i TSN SLIPPER

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



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.



1 INTEGRATED RATCHET FUNCTION

Particularly dependable ratchet having 36 teeth (759-00-01) or 48 teeth (759-02-03). Slip-through function guarantees controlled and safe screw tightening, even in hard-to-access locations.

2 OUTPUT SQUARE DRIVE

Made of quality steel with ball-locking mechanism

3 HIGH REPEATABILITY

Guarantees constant tightening torques.

4 ROBUST CASTING PART

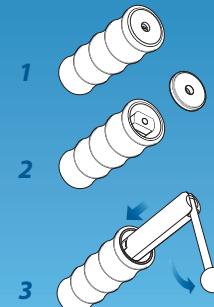
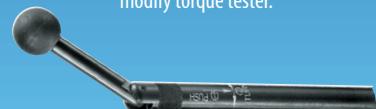
Made of corrosion-resistant, rustproof material.

5 RUBBER HANDGRIP

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

TECHNICAL INFORMATION

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



TSN

Torque wrench TSP SLIPPER
1-10 N·m / pre-set



- Adjustable torque wrench for series assembly
- 1/4" square drive with integrated ratchet function
- For controlled error proof directional tightening
- It is not possible to over-tighten the screw
- Certificate according to DIN EN ISO 6789 / - 6 % tolerance

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

Code	No.	■ "	■ mm	N·m	lbf-in	■ mm ■	■ kg ■
1196650	TSN5/45	1/4"	6,3	1-5	10-45	185	0,19
1196731	TSN10/90	1/4"	6,3	2-10	20-90	185	0,19

TSC

Torque wrench TSC SLIPPER
1-10 N·m



- Adjustable torque wrench with scale
- 1/4" square drive with integrated ratchet function
- For controlled error proof directional tightening
- It is not possible to over-tighten the screw

- Certificate according to DIN EN ISO 6789 / - 6 % tolerance
- EPA (Electrostatic Protected Area) compliant

Code	No.	"	mm	N·m	mm	mm	kg
1196480	TSC5	1/4"	6,3	1-5	195	0,05 N·m	0,235
1196510	TSC10	1/4"	6,3	2-10	195	0,1 N·m	0,235

i TBN BREAKER

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



⑯ 5 - 135 N·m



⑯ 0,2 - 135 N·m



1 DRIVE



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

2 BREAKING



All TBN breaking torque wrenches break by 20° at the pivot point when the set torque is achieved. The models 760-00-01 can also be set to a breaking angle of 90°.

3 RUBBER HANDGRIP



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

4 PATENTED MECHANISM



Guarantees a long product lifespan with guaranteed accuracy values

5 LIGHTWEIGHT STEEL TUBE

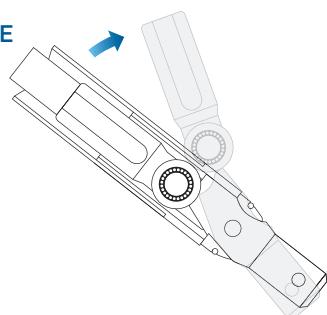


Firm, solid, and free of corrosion

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

WORKING PRINCIPLE

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



TECHNICAL INFORMATION

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



TBN

TBN Breaking Torque wrench KNICKER
0,4-135 N·m / 1,8-1195 lbf·in / pre-set



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

- If ordering, please specify the N·m value - if a fixed factory pre-setting is desired (price on request)
- No. 760-00-01: EPA (Electrostatic Protected Area) compliant

Code	No.	■ mm	Ø	N·m	■ mm ■	■ kg ■
7090690	TBN2G	9 x 12 mm		0,4-2	133	0,11
7090770	TBN10G	9 x 12 mm		2-10	133	0,15
1824686	TBN25		16	5-25	265	0,41
1824694	TBN25 G	9 x 12 mm		5-25	265	0,41
1824708	TBN65		16	13-65	302	0,75
1824716	TBN65 G	9 x 12 mm		13-65	302	0,75
1824724	TBN135		16	27-135	408	1,03
1824732	TBN135 G	9 x 12 mm		27-135	408	0,83

8801

Torque wrench TYP 88 KNICKER
0,4-135 N·m / 1,8-1195 lbf·in / pre-set

**Use:**

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

Features:

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

- Acc. to DIN EN ISO 6789, traceable to national standards

- Breaking mechanism as an actuation signal which can be seen and felt and makes over-tightening unlikely

- Dual scale N·m and lbf·ft

Scope of delivery:

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

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

WWW.GEDORE.COM

i TYP 83

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



1

CLEAR PRODUCT IDENTIFICATION

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

2

SOLID TUBE

Light-metal tube with plastic sleeving.

3

PRACTICAL HANDGRIP

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

4

INTEGRATED RATCHET SPINDLE

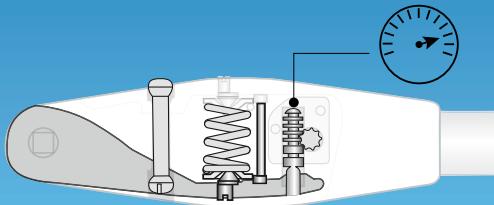
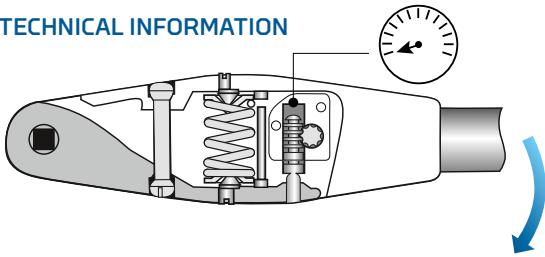
With double square drive enables highspeed bi-directional tightening.

5

DUAL SCALE

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

TECHNICAL INFORMATION



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

ADS - EDS

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



- Dial-indicating torque wrench with dual scale and slave pointer
- Controlled tightening (right/left) and checking of tightening values
- 1/4", 3/8", 1/2", 3/4" or 1" double square drive
- Models No. 8301-04 to No. 8304-80: with integrated ratchet-function

- Certificate according to DIN EN ISO 6789 / - 4 % tolerance
- 5 % overload of the maximum value
- Light, robust aluminium construction
- Models No. 8301-04 to No. 8304-40: EPA (Electrostatic Protected Area) compliant
- Audio-visual signal is standard on models 8303-40 to 8305-20

Code	No.	Drive type/drive	■ "	■ mm	N·m	lbf-in	lbf-ft	EPA	■ mm ■	■ mm ■	Height	■ kg ■
7651390	ADS4	Double square	1/4"	6,3	0,8-4	7-35		x	244	1 N·m / 1 lbf-in	61	0,52
7651470	ADS12D	Double square	1/4"	6,3	2,4-12	21-105		x	244	5 N·m / 2 lbf-in	61	0,52
7651550	ADS25	Double square	3/8"	10	5-25	44-220		x	244	1 N·m / 10 lbf-in	69	0,52
7651630	ADS40	Double square	3/8"	10	8-40	72-360		x	244	1 N·m / 10 lbf-in	69	0,52
7651710	BDS80E	Double square	1/2"	12,5	16-80		12-60	0	435	2 N·m / 1 lbf-ft	86	1,36
7651980	BDS200	Double square	1/2"	12,5	40-200		30-160	0	515	5 N·m / 5 lbf-ft	86	1,41
7652280	CDS400S	Double square	3/4"	20	80-400		60-300	0	710	10 N·m / 10 lbf-ft	111	3,2
7652010	DDS800S	Double square	3/4"	20	160-800		120-600	0	1.000	20 N·m / 20 lbf-ft	123	4,9
1196790	EDS1400	Double square	1"	25	280-1400		200-1000	0	2.040	25 N·m / 25 lbf-ft	138	16,7
1196804	EDS2000	Double square	1"	25	400-2000		300-1500	0	2.040	50 N·m / 50 lbf-ft	138	16,7

i E-TORC Q

Electronic torque wrench



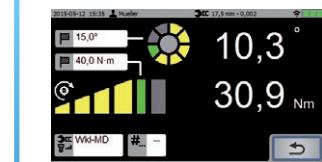
CHARGING UNIT

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.



Virtual progress bar for torque and angle



Clear depiction of the measurement results



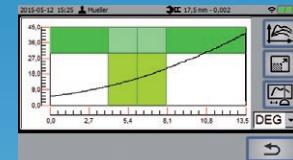
A variety of users and a user account management can be set up



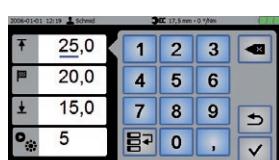
Measured value compilation and assessment



Graph representation and evaluation directly possible at E-torc Q



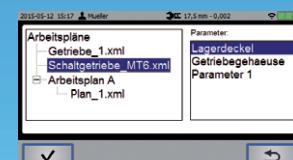
Management of fitting and depth gauge parameters



Touch screen for clear objective input



Operating with workflows



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



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



ALL THE STANDARD MEASUREMENT METHODS

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

Torque Tools

ET2SA

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



- Documented tightening for torque and angle of rotation
- Optical, acoustic and sensory signalling
- Graphic evaluation with free software
- Marked contrast graphics display with backdrop lighting
- 1/4" square, 9x12, 14x18 rectangular, 22 and 28 mm spigot mount (depending on model)
- Screw joint analyses
- Process control
- Factory certificate according to DIN ISO 6789
- Optional certificate according to DAkkS-DKD-R 3-7

- Torque reading precision +/- 1 %, +/- 1 digit from reading figure
- Demonstration and consultation - technical field service
- Further options on request: further torque, yield strength etc.

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

TT3KH

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



- Microprocessor-controlled, electronic torque wrench
- Torque and torque angle measure
- Documented right and left suit
- Software included
- 5 parameters storable
- 2000 storage places
- Measurement accuracy torque +/- 1 %, +/- 1 digit
- Measurement accuracy torque angle +/- 1 %, but min. +/- 1° on 360° with min. 4°/sec
- Different depth gauges for end fittings programmable

- Simple operation, user-friendly icon menu navigation
- Clearly readable, illuminated LCD display
- Factory certificate according to DIN ISO 6789
- Optional certificate according to DAkkS-DKD-R 3-7

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

NEW**CAPTURE Hub**

Electronic testing device Capture Hub
0,1 - 25 N·m



±1%

- Digital torque tester for testing torque wrenches and torque screwdrivers
- Light and robust thanks to the aluminum basic housing, horizontal and vertical mounting possible
- 4 models in the range of 0.1-25 Nm
- With 1/4 "square socket (CH25 with 3/8")
- Measuring tolerance +/- 1 % for all readings
- 4 measurement modes: sliding value display (track), breakpoint detection (first peak), peak value measurement (peak), screwdriver test
- Including screw joint simulator attachment for testing screwdrivers
- Switchable units N m, cN m, lbf ft, lbf in, ozf in
- 50 test sequences can be programmed
- 2000 measured values can be saved
- Clear and high-contrast TFT display
- expandable by an additional capture sensor (connection socket available)

- powerful lithium-ion battery for Line Side mains-independent work
- Data output and mains operation via USB connection
- optional: PC evaluation software "Capture Manager" (2908778)

Scope of delivery:

- Capture Hub
- Screw joint simulator
- USB cable
- Power supply unit with Euro plug
- Operating instructions
- Test certificate
- stable plastic case with inlay

Code	No.	N·m	lbf·ft	□ mm	□ "	
3128903	CH 1	0.1-1 N·m	0,08-0,75 lbf·ft	6,3	1/4"	0,5
3124045	CH 2	0.2-2 N·m	0,15-1,5 lbf·ft	6,3	1/4"	0,5
3124053	CH 5	0.5-5 N·m	0,4-3,65 lbf·ft	6,3	1/4"	0,5
3124061	CH 25	2.5-25 N·m	3,65-18 lbf·ft	10,0	3/8"	0,5

NEW

CElectronic test device Capture Lite
0,02-350 N·m / 0,015 lbf·ft - 260 lbf·ft



±1%

- Digital torque tester for testing torque spanners and torque screwdrivers
- Light and robust due to aluminium basic housing
- 5 models in the range from 0.02 N·m to 350 N·m
- With 1/4", 3/8", 1/2" square mount (CL1 and CL10H with 1/4" hexagonal shaft)
- Ease of use. Intuitive software design is similar to CAPTURE Display allowing existing Capture users to be familiar with the architecture and new users to become productive quickly, with its easy to use menus and Plug & Play functionality
- 3 measuring modes: floating value display (track), kink point detection (first peak), peak value measurement (peak)
- easy handling due to 1-button operation (measuring mode, unit)
- Switchable between N·m, lbf·ft and lbf·in (depending on model)

- optimal readability due to single-line well illuminated OLED display
- Autostart function when a torque tool is inserted
- Auto-sleep mode when not in use
- Easy mounting on the table or on the wall
- Power supply and data output via USB connection

Scope of delivery:

- Capture Lite tester
- USB connection cable
- Adapter (depending on model)
- Operating instructions
- Test certificate
- stable plastic case with inlay

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

NEW

Capture screw joint simulator
0,02-25 N·m /
0,075 lbf·ft - 18 lbf·ft



- Capture screw joint simulator for testing screwdrivers
- 3 models ranging from 0,02 N·m to 25 N·m
- adaptable to the Capture Hub and Capture Sensor systems
- easy mounting on the test device
- different screw case hardnesses can be simulated (spring washer packs)

Code	No.	∅ mm	
3119289	RF 2	5 mm	0,5
3119297	RF 5	5 mm	0,5
3119300	RF 25	6 mm	0,5

8612

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



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

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

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

E-TP

Electronic torsion test device



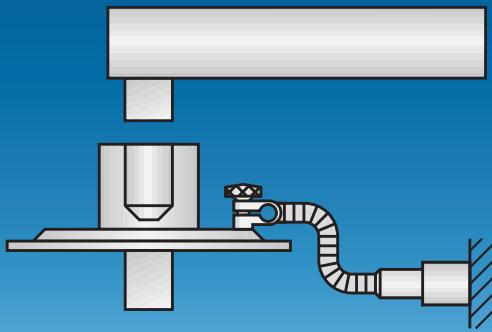
- Electronic torque tester integrated with measurement electronics
- Testing, adjusting and certifying right-hand and left-hand torque wrenches
- Vertical and horizontal testing according to DIN EN ISO 6789
- Factory certificate based on VDI 2646
- Optional certificate as per DAkkS-DKD-R 3-8

- A large LC graphic display
- Wide measuring range in N·m, can be switched to cN·m, lbf·ft or lbf·in (model dependant)
- Advice from our technical field service
- Includes display, cables and software
- Adapter cable RS232 to USB optionally available (Code 1957880)

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

i TORQUE ANGLE INDICATOR 8200

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



8200
Torque angle indicator



- Torque-angle tightening
- Separate angle of rotation gauges with 1/2" or 3/4" square drive
- For additional precise angle tightening (0-360°)
- No. 8200-01/-02 with sliding claw and magnetic arm
- No. 8200-11 only with magnetic arm

- To operate with a suitable torque wrench
- The maximum load of the torque wrench must not be exceeded

Code	No.	■ "	□ "	Ø mm	↙	kg
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



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

Code	No.	Ø mm	Ø mm	mm ↗	Ø mm	Depth gauge	kg
7774470	8791-07	7	16	5	20,5	32,0	0,1
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	0,18
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	0,22
1552287	8791-26	26	16	11	56	32,0	0,22
7711200	8791-27	27	16	12	60,5	32,0	0,22
1207008	8791-28	28	16	12	68	32,0	0,3
1552309	8791-29	29	16	12	68	32,0	0,3
7774710	8791-30	30	16	12	68	32,0	0,22
7774980	8791-32	32	16	12	68	32,0	0,22
1552317	8791-36	36	16	12	68	32,0	0,3

Torque Tools

8791 (AF)

Open end fitting
16 Z



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

Code	No.	∅ "AF"	∅	mm	∅ mm	Depth gauge	
1211421	8791-1/4"	1/4"	16	5	20,5	32,0	0,09
7720030	8791-5/16"	5/16"	16	5	20,5	32,0	0,1
1211447	8791-3/8"	3/8"	16	7	29	32,0	0,1
7720110	8791-7/16"	7/16"	16	7	29	32,0	0,11
7720380	8791-1/2"	1/2"	16	8	34,5	32,0	0,122
7720460	8791-9/16"	9/16"	16	8	34,5	32,0	0,119
7720540	8791-5/8"	5/8"	16	9	41,5	32,0	0,142
7720620	8791-11/16"	11/16"	16	9	41,5	32,0	0,142
7720700	8791-3/4"	3/4"	16	10	45	32,0	0,156
1211439	8791-13/16"	13/16"	16	10	45	32,0	0,156
7720890	8791-7/8"	7/8"	16	11	56	32,0	0,216
7720970	8791-15/16"	15/16"	16	11	56	32,0	0,22
7721000	8791-1"	1"	16	11	56	32,0	0,22
7721190	8791-1.1/16"	1.1/16"	16	12	60,5	32,0	0,23
7721270	8791-1.1/8"	1.1/8"	16	12	68	32,0	0,23
7776170	8791-1.3/16"	1.3/16"	16	12	68	32,0	0,23
7776250	8791-1.1/4"	1.1/4"	16	12	68	32,0	0,23
7776330	8791-1.5/16"	1.5/16"	16	12	68	32,0	0,3

8792 (MM)

Ring end fitting 16 Z



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

Code	No.	∅ mm	∅	mm	∅ mm	Depth gauge	
7775010	8792-07	7	16	8	15	32,0	0,095
7775280	8792-08	8	16	8	15	32,0	0,095
7775360	8792-09	9	16	8	15	32,0	0,1
7712600	8792-10	10	16	10	19,5	32,0	0,1
7712790	8792-11	11	16	10	19,5	32,0	0,1
7677190	8792-12	12	16	10	19,5	32,0	0,113
7712870	8792-13	13	16	12	23,5	32,0	0,113
7712950	8792-14	14	16	12	23,5	32,0	0,126
7713090	8792-15	15	16	12	23,5	32,0	0,126
7713170	8792-16	16	16	13	28,5	32,0	0,126
7713250	8792-17	17	16	13	28,5	32,0	0,13
7677270	8792-18	18	16	13	28,5	32,0	0,13
7713330	8792-19	19	16	14	31,5	32,0	0,132
7713410	8792-20	20	16	14	31,5	32,0	0,132
7677350	8792-21	31	16	14	31,5	32,0	0,132
7713680	8792-22	22	16	15	39,5	32,0	0,171
1211471	8792-23	23	16	15	39,5	32,0	0,181
7713760	8792-24	24	16	15	39,5	32,0	0,181
7713840	8792-27	27	16	16	41,5	32,0	0,181

8792 (AF)

Ring end fitting 16 Z



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

Code	No.	∅ "AF"	∅	mm	∅ mm	Depth gauge	
1211455	8792-1/4"	1/4"	16	8	15	32,0	0,1
7721350	8792-5/16"	5/16"	16	8	15	32,0	0,1
1211498	8792-3/8"	3/8"	16	10	19,5	32,0	0,1
7721430	8792-7/16"	7/16"	16	10	19,5	32,0	0,1
7721510	8792-1/2"	1/2"	16	12	23,5	32,0	0,114
7721780	8792-9/16"	9/16"	16	12	23,5	32,0	0,1
7721860	8792-5/8"	5/8"	16	13	28,5	32,0	0,128
7721940	8792-11/16"	11/16"	16	13	28,5	32,0	0,128
7722080	8792-3/4"	3/4"	16	14	31,5	32,0	0,139
1211463	8792-13/16"	13/16"	16	13	28,5	32,0	0,16
7722160	8792-7/8"	7/8"	16	15	39,5	32,0	0,173
7722240	8792-15/16"	15/16"	16	15	39,5	32,0	0,18
7722320	8792-1"	1"	16	15	39,5	32,0	0,18
7722400	8792-1.1/16"	1.1/16"	16	16	41,5	32,0	0,18

8797
Flared end fitting
16 Z



› For solving difficult assembly problems,
easy to replace

› Journal holder diameter 16 mm

Code	No.	∅ mm	∅ mm	∅ mm	max. N·m	Opening width slot	Depth gauge	kg
1211587	8797-07	7	16	8	15	7,0	5,5	32,0
1211595	8797-08	8	16	8	15	6,5	6	32,0
1211625	8797-10	10	16	10	19,5	26,0	7	32,0
1211641	8797-12	12	16	10	19,5	13,0	9	32,0

8756
End fitting
16 Z



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

Code	No.	∅ mm	∅	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	36,0	0,116

8754
Ratchet head
16 Z



› Ratchet in 3/8" or 1/2
› Journal holder diameter
16 mm
› 3/8" = 135 N·m conti-
nuous load capacity
› 1/2" = 340 N·m conti-
nuous load capacity

Code	No.	■ "	■	∅	Type	Depth gauge	Permanent load capacity	kg
7711980	8754-01	3/8"	10	16	Push-through square	32,0	3/8" = 135 N·m	0,17
7712010	8754-02	1/2"	12,5	16	Rectangular cavity	32,0	1/2" = 340 N·m	0,27

8790 - 8793
Fixed square head
16 Z



› solid square
› Journal holder diameter
16 mm
› 3/8" to 135 N·m conti-
nuous load capacity
› 1/2" to 340 N·m conti-
nuous load capacity

Code	No.	■ "	■	∅	Depth gauge	Continuous load	kg
7709490	8790-00	3/8"	10	16	32,0	3/8" = 135 N·m	0,159
7709570	8793-00	1/2"	12,5	16	32,0	1/2" = 340 N·m	0,174

8795
Open end fitting
22 Z



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

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

Torque Tools

8796

Ring end fitting
22 Z



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

Code	No.	∅ mm	Ø	mm ↗	∅ mm	Depth gauge	kg
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 N·m continuous load capacity
- › Journal holder diameter 22 mm

Code	No.	■ "	■	Ø	Depth gauge	Permanent load capacity	kg
7708840	8794-00	3/4"	20	22	56,0	3/4" = 850 N·m	0,558

8794

Ratchet head
22 Z



- › For solving difficult assembly problems
- › Journal holder diameter 22 mm
- › 3/4" max continuous load 850 N·m

Code	No.	■ "	■	Ø	Type	Depth gauge	Permanent load capacity	kg
2961385	8794-02	3/4"	20	22	Rectangular cavity	56,0	3/4" = 850 N·m	1,011
1427318	8794-03	3/4"	20	22	Square socket with pin	56,0	3/4" = 850 N·m	0,95

8798

Open end fitting
28 Z



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

Code	No.	∅ mm	Ø	mm ↗	∅ mm	Depth gauge	kg
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

8799

Ring end fitting
28 Z



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

Code	No.	∅ mm	Ø	mm ↗	∅ mm	Depth gauge	kg
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
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 N·m continuous load capacity

Code	No.	■ "	■	Ø	Type	Depth gauge	Permanent load capacity	kg
1566032	8794-05	3/4"	20	28	Square socket with pin	75,0	3/4" = 1000 N·m	1,8

7112

Rectangular
open end fitting
9x12



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

Code	No.	$\textcircled{O} \text{ mm}$	$\square \text{ mm}$	$\text{mm} \text{ ↗}$	$\textcircled{O} \text{ mm}$	Depth gauge	$\frac{\text{kg}}{\text{kg}}$
7688390	7112-07	7	9 x 12	5,5	20	17,5	0,035
7688550	7112-08	8	9 x 12	5,5	21,5	17,5	0,035
7679050	7112-09	9	9 x 12	5,5	23	17,5	0,035
7688630	7112-10	10	9 x 12	5,5	24,5	17,5	0,04
7688980	7112-11	11	9 x 12	5,5	26	17,5	0,03
7679560	7112-12	12	9 x 12	5,5	27,5	17,5	0,035
7689010	7112-13	13	9 x 12	5,5	29	17,5	0,035
7689360	7112-14	14	9 x 12	7,5	31	20,0	0,04
7689440	7112-15	15	9 x 12	7,5	33	20,0	0,04
7679990	7112-16	16	9 x 12	7,5	35	20,0	0,045
7689600	7112-17	17	9 x 12	7,5	37	20,0	0,05
7684560	7112-18	18	9 x 12	7,5	39	20,0	0,06
7689790	7112-19	19	9 x 12	7,5	41	20,0	0,06

7212

Rectangular
ring end fitting
9x12



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

Code	No.	$\textcircled{O} \text{ mm}$	$\square \text{ mm}$	$\text{mm} \text{ ↗}$	$\textcircled{O} \text{ mm}$	Depth gauge	$\frac{\text{kg}}{\text{kg}}$
7691340	7212-07	7	9 x 12	8	17,5	0,03	
7691420	7212-08	8	9 x 12	8	17,5	0,03	
7691690	7212-10	10	9 x 12	8	17,5	0,03	
7691770	7212-11	11	9 x 12	8	17,5	0,03	
7677940	7212-12	12	9 x 12	12	17,5	0,035	
7691930	7212-13	13	9 x 12	12	17,5	0,035	
7692230	7212-14	14	9 x 12	12	17,5	0,04	
7692580	7212-15	15	9 x 12	12	17,5	0,04	
7678080	7212-16	16	9 x 12	13	17,5	0,04	
7692740	7212-17	17	9 x 12	13	17,5	0,04	
7678160	7212-18	18	9 x 12	13	17,5	0,04	
7692820	7212-19	19	9 x 12	13	17,5	0,04	
7678240	7212-21	21	9 x 12	15	17,5	0,05	
7693040	7212-22	22	9 x 12	15	17,5	0,05	

7312

Rectangular
flared end fitting
9x12



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

Code	No.	$\textcircled{O} \text{ mm}$	$\square \text{ mm}$	$\text{mm} \text{ ↗}$	$\textcircled{O} \text{ mm}$	Opening width Slot	Depth gauge	$\frac{\text{kg}}{\text{kg}}$
7685290	7312-10	10	9 x 12	12	21	7,3	17,5	0,04
7685370	7312-11	11	9 x 12	12	22,5	8,7	17,5	0,04
7699590	7312-12	12	9 x 12	12	24	9	17,5	0,04
7679210	7312-13	13	9 x 12	12	25	10	17,5	0,04
7679480	7312-14	14	9 x 12	13	27	11	17,5	0,05
7685880	7312-17	17	9 x 12	13	31,5	14	17,5	0,065
7679640	7312-18	18	9 x 12	15	33	14,7	17,5	0,065
7686260	7312-19	19	9 x 12	15	34,5	15,3	17,5	0,065
7679720	7312-22	22	9 x 12	15	39	17	17,5	0,065

7412

Rectangular
reversible ratchet head
9x12



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

Code	No.	$\frac{1}{4}'' \text{ "}$	$\frac{3}{8}'' \text{ "}$	$\frac{1}{2}'' \text{ "}$	$\square \text{ mm}$	$\text{mm} \text{ ↗}$	$\textcircled{O} \text{ mm}$	Depth gauge	Continuous load	$\frac{\text{kg}}{\text{kg}}$
7672710	7412-00	1/4"	6,3	9 x 12	5	16,6	25	17,5	1/4" = 30 N·m	0,06
7686500	7412-01	3/8"	10	9 x 12	5	23,2	34	17,5	3/8" = 135 N·m	0,14
7687230	7412-02	1/2"	12,5	9 x 12	5	24,2	34	17,5	1/2" = 150 N·m	0,15

TORQUE MULTIPLIERS

The name says it all: The GEDORE torque multipliers in the DREMOPLUS ALU series are reliable and greatly reduce the wrench length and force required by the user.

In mechanical and plant engineering, heavy industry, construction industry, ship, aircraft, railway and power stations - applications which a multiple of the torque that the user can apply is often required. This is where GEDORE's mechanical, hand-operated torque multipliers and reaction arms are the perfect solution.

When tightening and loosening, the safety slip release mechanism with overload protection is the main feature. At 10% overload, it releases and seamlessly re-engages. The mechanism, including the low-backlash two-stage planetary gear, is packed in a light and slim housing made of high-performance aluminium. This makes torque multipliers around 30% lighter and durable than models with steel housings - and really power packs.



i

CHOOSING THE RIGHT TORQUE ASSEMBLY TOOL FOR SCREWS AND NUTS

- It is vital that use is made of a torque wrench complete with ratchet function (integrated or separate) for torque multipliers without anti-wind-up ratchet
- For models with an anti-wind-up ratchet, we recommend the use of torque tools complete with ratchet function (integrated or separate) - for ease of working

**RELIABLE,
COMPACT AND
DURABLE**



GEDORE DREMOPLUS ALU MAKES THE DIFFERENCE



- Delivery incl. factory test certificate
- Lightweight, robust tools
- Reliable accuracy for all applications with repeatability of $+/ - 3\%$
- Torque settings and individual tool components are fully traceable
- Minimised impact on the tooth flanks in the low-backlash planetary gearbox
- Precise matching of components
- Integrated safety overload protection



SAFETY PLUS

- Convenient and safe working - perfect for confined spaces or where access is limited
- Repetition-accurate and precise results ensure a maximum degree of safety
- High degree of resilience and long life of the appliances attributable to a lowbacklash planet gear with Ceramic-Teflon® coating
- A 30 % + lighter steel housing thanks to the use of high-performance aluminium
- Precise, reliable figures - even under extreme climatic conditions
- The most common INPUT/OUTPUT torques are displayed on the torque multiplier



i WORKING PRINCIPLE

TORQUE - VELOCITY

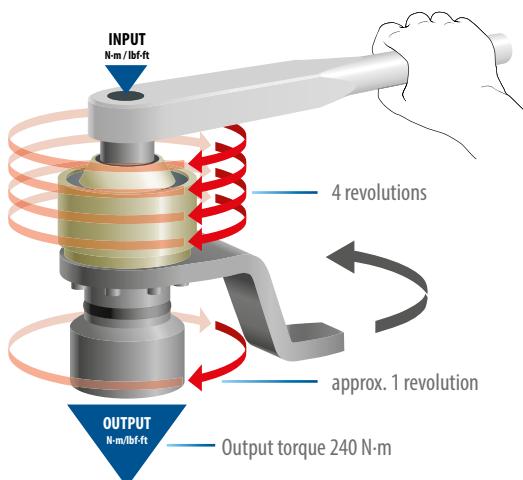
The chart representation elucidates the principle of torque multiplication. Let us assume a 60 N·m input torque and a 240 N·m output torque.

At a 1:4 ratio, 4 revolutions are needed at the input for 1 revolution with a 240 N·m torque to be obtained at the output.

This is substantiated in terms of the physical formula:
 $\text{Power} = \text{torque} \times \text{revolution}$

With gear efficiency deducted, the output power is to be considered as a constant equal to the input power. Thus multiplication of the torque can only be obtained from an increased number of revolutions at the input.

INPUT TORQUE WITH TORQUE WRENCH 60 N·M

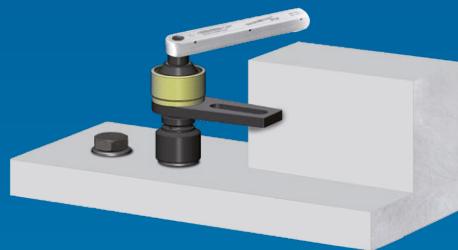


FORCE AND REACTION

When working with a torque multiplier, torsion wind-up is built up in the gear when the screw is tightened. This stress must be reduced. A reaction absorbed by reaction arm and abutment is produced.

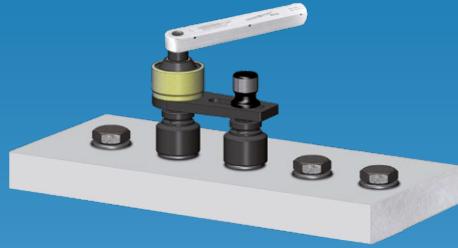
L-FORM REACTION ARM WITHOUT ADJUSTABLE REACTION SQUARE

The reaction acts on the wall. Is possible, but the tilting moment which arises causes the max. permitted torque to drop by 20 %.



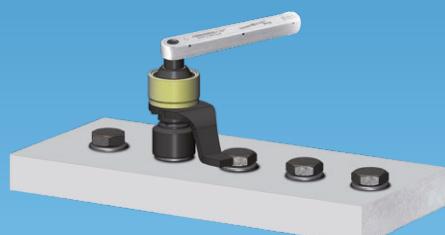
L-FORM REACTION ARM WITH ADJUSTABLE REACTION SQUARE

The reaction acts on the adjacent impact socket.



REACTION ARM IN Z-FORM

The reaction acts on the adjacent screw connection



i REACTION ARM

L-FORM



Z-FORM



- This straight reaction arm with adjustable reaction square is admirably suited for flange screw connections.
- The L-form reaction arm has in terms of support a larger radius than the Z-Form.

- A flexible off set reaction arm which has proved itself as the standard solution.
- Supporting situations are, for instance, adjoining screws, walls, machine parts and other stable abutments.
- This reaction arm can be ideally used where conditions are quite cramped.

The L-form is also ideal for those points above the screwtightening level. However, the resulting tilting moment causes the max. permitted torque to drop by 20 %.

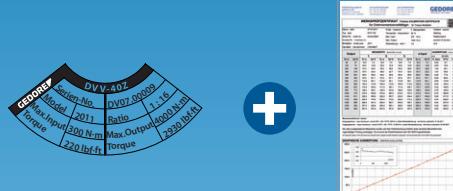


i DREMOPLUS ALU FAMILY 1

DVV-40Z, DVV-40ZRS – DVV-540RS

**100% QUALITY CHECK**

- Delivery including factory test certificate
- The most common INPUT/OUTPUT torques on the torque multiplier

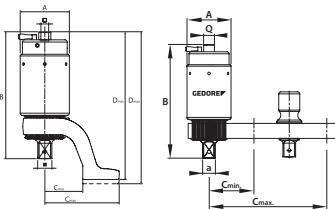


A Z-form forged reaction arm of chromevanadium steel absorbs any countering force that arises.
Optional: L-form reaction arm on request

INPUT Nm	Output Nm	INPUT lbf·ft	Output lbf·ft
35,8	8,0	500	40
46,3	15,7	600	70
57,2	25,3	800	100
64,6	43,3	900	200
74,4	63,0	1000	300
81,0	88,0	1100	350
91,9	86,4	1250	400
104,0	110,0	1350	450
107,3	129,2	1900	600
117,6	148,6	1650	700
128,0	167,9	1700	750
139,8	171,1	2000	800
145,7	186,4	2100	850
153,0	199,7	2200	900
166,9	200,1	2500	920
205,8	210,6	3000	950
239,0	230,0	3500	1000
295,0	210,6	4000	1050

DVV-40Z - DVV-40ZRS

Torque Multiplier
DREMOPLUS ALU
4000 N·m / 2930 lbf·ft



- › Controlled screw tightening and loosening
- › High-performance aluminium housing
- › Transmission ratio 1:16
- › DVV-40ZRS model with anti-wind-up ratchet (RS)
- › Non-destructive overload protection "Slipper" to protect the gearbox, right and left hand

- › Z-form, offset reaction arm depending on model made of chrome-vanadium steel
- › Better than +/- 3 % accuracy
- › To operate with a suitable torque wrench

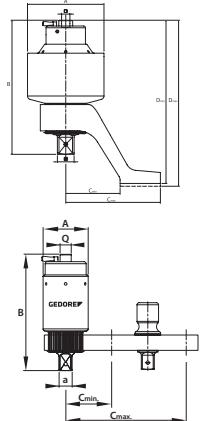
Code	No.	max. N·m Output	max. lbf·ft Output	Reaction arm	• :	□ "C"	■ "D"	A	B	C min	C max	D min	D max	max. N·m Input	max. lbf·ft Input	kg
2653087	DVV-40Z	4000	2390	Z-form, offset	1:16	1/2"	1"	88	212	68	133	250	256	300	220	3,9
2653109	DVV-40ZRS	4000	2390	Z-form, offset	1:16	1/2"	1"	88	227	68	133	264	270	310	230	4,2

OPTIONAL ACCESSORIES:

Code	No.	Designation	C min	C max	
2653176	RZ-DVV40	Reaction arm Z-form offset for DVV40	68	133	1,5
2653184	RL-DVV40	Reaction arm L-form straight for DVV40, 1"	86	234	1,737

DVV-60ZRS - DVV-130ZRS

Torque Multiplier DREMOPLUS ALU
6000-13000 N·m / 4400-9530 lbf·ft



- › Controlled screw tightening and loosening
- › High-performance aluminium housing
- › Transmission ratio 1:18, 1:22, 1:28.5, 1:39
- › All models with return flow protection (RS)
- › Non-destructive overload protection "Slipper" to protect the gearbox, right and left hand
- › With cranked reaction arm Z-shaped
- › Better than +/- 3 % accuracy

- › To operate with a suitable torque wrench

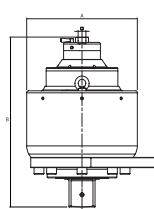
Code	No.	max. N·m Output	max. lbf·ft Output	Reaction arm	• : •	<input type="checkbox"/> "C	<input checked="" type="checkbox"/> "D"	A	B	C min	C max	D min	D max	<input type="checkbox"/> max. N·m Input	<input type="checkbox"/> max. lbf·ft Input	
2653117	DVV-60ZRS	6000	4400	Z-form, offset	1:18	3/4"	1.1/2"	102	257	110	190	316	324	400	300	6,6
2653125	DVV-80ZRS	8000	5870	Z-form, offset	1:22	3/4"	1.1/2"	128	277	110	190	338	342	420	310	9,1
2653133	DVV-100ZRS	10000	7330	Z-form, offset	1:28,5	3/4"	1.1/2"	142	292	120	216	350	356	410	305	10,9
2653141	DVV-130ZRS	13000	9530	Z-form, offset	1:39	3/4"	1.1/2"	175	306	126	229	(372)	(379)	380	280	17

OPTIONAL ACCESSORIES:

Code	No.	Designation	C min	C max	
2653192	RZ-DVV60	Reaction arm Z-form offset for DVV60	110	194	4,015
2653206	RZ-DVV80	Reaction arm Z-form offset for DVV80	110	190	4,484
2653222	RZ-DVV100	Reaction arm Z-form offset for DVV100	120	215	3,166
2653230	RZ-DVV130	Reaction arm Z-form offset for DVV130	126	229	3,58
2654091	RL-DVV60-80	Reaction arm L-form straight for DVV60-80, 1.1/2"	120	315	4,104

DVV-540RS

Torque Multiplier
DREMOPLUS ALU
54000 N·m / 40330 lbf·ft



- › Controlled screw tightening and loosening
- › High-performance aluminium housing
- › Better than +/- 3 % tolerance
- › For operation in combination with a torque wrench
- › With fixture for welding on a reaction arm (optional)

- › Multiplication at the ratio of 1:175
- › 1 model for a maximum load of around a max. 54000 N·m
- › Output square with drill hole for impact sockets with safety pin and ring

Code	No.	max. N·m Output	max. lbf·ft Output	Reaction arm	• : •	<input type="checkbox"/> "C	<input checked="" type="checkbox"/> "D"	A	B	<input type="checkbox"/> max. N·m Input	<input type="checkbox"/> max. lbf·ft Input	
2653168	DVV-540RS	54000	40330	without	1:175	3/4"	2.1/2"	270	415	380	280	64,6

i DREMOPLUS ALU FAMILY 2

DVI-20L/Z UND DVI-28L/Z



3/4" input square

2 Low backlash, single-stage planet gear for a long service life

3 Output square 1" with drill hole for impact sockets with safety pin and ring

4 Overload safety mechanism achieved from a classic shearing square

5 Overload safety mechanism achieved from a classic shearing square

6 Overload safety mechanism achieved from a classic shearing square

DVI-20Z AND DVI-28Z

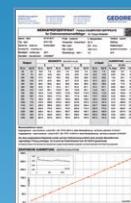
- Reaction arm Z-form offset
- fix integrated

DVI-20L AND DVI-28L

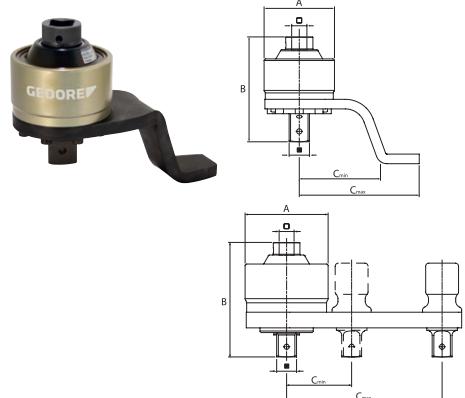
- Reaction arm L-form with adjustable reaction square drive
- fix integrated

100% QUALITY CHECK

- Delivery including factory test certificate
- The most common INPUT/OUTPUT torques on the torque multiplier



INPUT Nm (l)	OUTPUT Nm (l)
lb·ft	lb·ft
35,6	8,0
46,3	18,7
57,2	20,5
64,6	43,3
74,7	46,1
81,0	68,6
91,9	85,4
98,1	151,3
107,3	129,2
117,6	148,5
125,0	170,0
139,8	171,1
145,7	180,4
153,0	210,0
166,9	200,1
205,8	210,6
239,0	200,0
259,0	210,8

DVI-20L/Z - DVI-28L/Z
Torque Multiplier DREMOPLUS ALU
2000-2800 N·m / 1500-2050 lbf·ft

- Controlled screw tightening and loosening
- High-performance aluminium housing
- Better than +/- 3 % tolerance
- For operation in combination with a torque wrench

- With firmly integrated reaction arm of an Z- or L-form depending on model
- Multiplication at the ratio of 1:4, 1:5.5

Code	No.	max. N·m Output	max. lbf·ft Output	Reaction arm	• : ●	□ "C	■ "D	A	B	C min	C max	max. N·m Input	max. lbf·ft Input	kg
2653249	DVI-20L	2000	1500	L-form, straight	1:4	3/4"	1"	88	131	73	152	580	430	1,8
2653257	DVI-28L	2800	2050	L-form, straight	1:5,5	3/4"	1"	106	146	83	199	550	410	2,4
2653265	DVI-20Z	2000	1500	Z-form, offset	1:4	3/4"	1"	88	131	100	150	580	430	1,8
2653273	DVI-28Z	2800	2050	Z-form, offset	1:5,5	3/4"	1"	106	146	100	150	550	410	2,4

OPTIONAL ACCESSORIES:

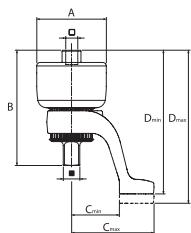
Code	No.	Designation	
2653281	RZ-DVI20	Reaction arm Z-form offset for DVI20	1,1
2653303	RL-DVI20	Reaction arm L-form straight for DVI20, 1"	1,2
2653311	RZ-DVI28	Reaction arm Z-form offset for DVI28	1,5
2653338	RL-DVI28	Reaction arm L-form straight for DVI28, 1"	1,7
2653346	E-VKT-DVI20	Spare square 1" for DVI20	0,3
2670526	E-VKR-DVI28	Spare square 1" incl. ring for DVI28	0,5

i DREMOPLUS ALU FAMILY 3

DVV-13Z



DVV-13Z

Torque Multiplier DREMOPLUS ALU
1300 N·m / 950 lbf·ft

- › Controlled screw tightening and loosening
- › With a single-stage planet gear
- › High-performance aluminium housing
- › Better than +/- 3 % tolerance



DVV-13ZG

1 1/2" input square

2 Low backlash, single-stage planet gear for a long service life

3 Output square 3/4" with drill hole for impact sockets with safety pin and ring

4 Reaction arm: Forged reaction arm absorbs any counter force arising

5 Lightweight: High-performance aluminium housing is 30 % lighter than a steel one

6 Flexible: With detachable Z-form reaction arm; can be optionally retrofitted with long reaction arm incorporating an adjustable reaction square (L-form) of lightweight metal

Code	No.	max. N·m Output	max. lbf·ft Output	Reaction arm			"C	"D	A	B	C min	C max	D min	D max		max. N·m Input	max. lbf·ft Input	
2653370	DVV-13Z	1300	950	Z-form, offset	1:5	1/2"	3/4"	80	133	56	95	165	173	270	200		1,3	
2653389	DVV-13ZG	1300	950	DVV-13ZK 32 27K 32 30K 32 32	1:5	1/2"	3/4"	80	133	56	95	165	173	270	200		3,0	

OPTIONAL ACCESSORIES:

Code	No.	Designation	
2653397	RZ-DVV13	Reaction arm Z-form offset for DVV-13	0,582
2653400	RL-DVV13	Reaction arm L-form straight for DVV-13, 3/4"	0,8
2684233	E-S-DVV13	Sun gear for DVV-13	0,096

The background features a large, abstract graphic composed of overlapping blue circles and rectangles, creating a sense of depth and motion.

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