



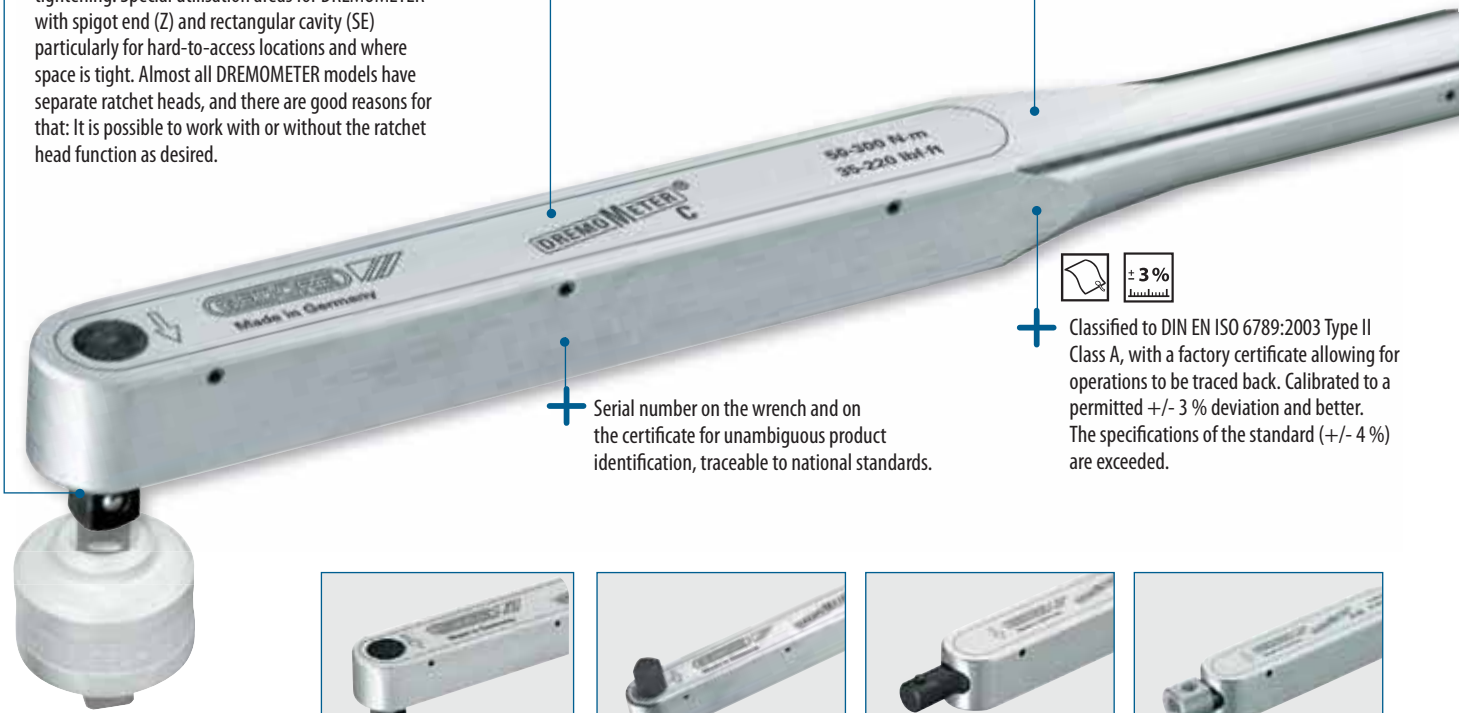
DREMOMETER - permanent precision

Torque wrench made of high-strength aluminium alloy

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

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

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



+ Serial number on the wrench and on the certificate for unambiguous product identification, traceable to national standards.

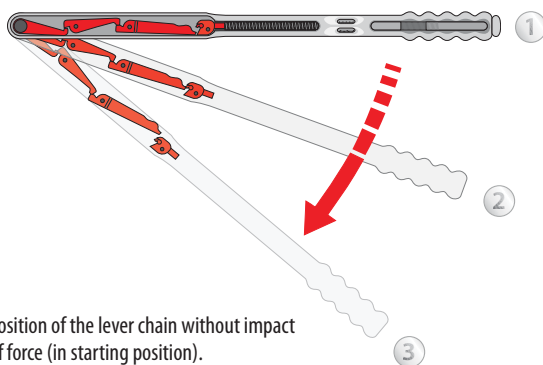


+ Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate allowing for operations to be traced back. Calibrated to a permitted +/- 3 % deviation and better. The specifications of the standard (+/- 4 %) are exceeded.



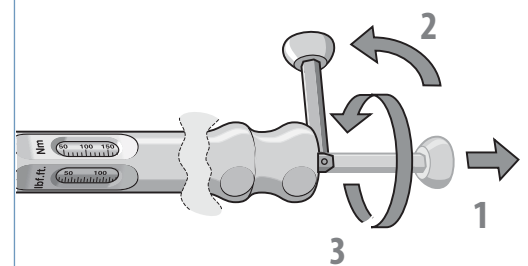
i Working principle

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



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

i Technology



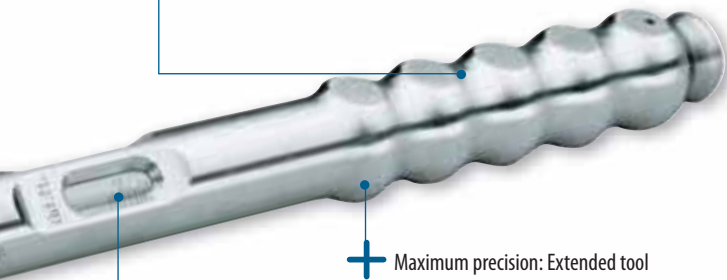
- Setting of the torque value to N-m or alternatively to lbf-in / lbf-ft by the non-losable hexagon key in the handgrip.
- The smooth-running mechanism enables the setting to be made quickly without significant force needing to be applied.



- All DREMOMETERS are also available with locking and safety device (A+S).



+ Lightweight and pleasant: The aluminium housing and the ergonomically designed handgrip enable simple and safe operation over wide tightening ranges.



+ Maximum precision: Extended tool life and long life-cycle even if used intensely.

+ Scale: Clear dual scale N-m and lbf-in/lbf-ft on every DREMOMETER (apart from models E / EL / EK / EKL / F).



All the benefits at a single glance



+ **Square drive**
 ➤ In the DREMOMETER, the output square drive and the pivot point of the primary lever are situated on a single axis.
 ➤ Advantage: The absolute accuracy always remains unchanged in every case. Even if the tool is operated outside of the handgrip or with an extension tube.

+ **Lever chain**
 ➤ The integrated lever chain reduces the strain on the measuring mechanics to a minimum which means that the measuring mechanics can thus be constructed with much greater sensitivity.
 ➤ Advantage: High accuracy and a long life cycle.

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



+ **Scale**
 ➤ Two scales on each DREMOMETER indicate N-m and the common US unit of torque measurement (apart from types E - F).
 ➤ Advantage: Exact reading even for lbf-in or lbf-ft.

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

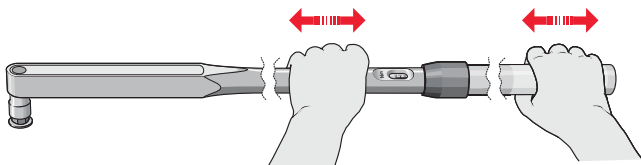
+ **Test certificate**
 ➤ All DREMOMETER models include a test certificate according to DIN EN ISO 6789:2003.
 ➤ Advantage: Guaranteed accuracy $\pm 3\%$ of the adjusted scale value. The specification of the standard ($\pm 4\%$) is exceeded.



DREMOMETER Type MINI - F Operable without inaccuracies

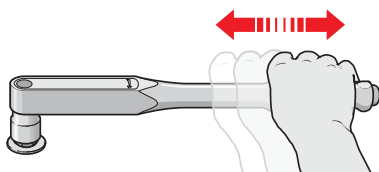


➤ Regardless of where you apply the force, at the center of the handgrip or another part of the DREMOMETER, with both hands or using an extension tube, your torque setting will always be attained, without shifts in value. Due to



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).





8554 AM - 8572 F

TORQUE WRENCH DREMOMETER AM - F 6-3000 N·m

Use:

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

Features:

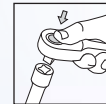
- ✔ Classified to DIN EN ISO 6789:2003 Type II Class A, with a factory certificate. Working accuracy: +/- 3 % tolerance of scale set torque. The specification of the standard (+/- 4 %) is exceeded.
- ✔ Automatic short-path actuation with tactile impulse and audible signal
- ✔ Dual scale (except for type E-F) with corresponding scale graduation (see table)
- ✔ Type B, BC, C with push-button release
- ✔ Type BCK with integrated ratchet function

Technical advantage/Function:

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



1/2"



Code	No.	Type	■"	■	N·m	lbf·in	lbf·ft	المقياس	£
7775440	8554-01	AM	1/4	6.3	6-30	50-270	-	1 N·m / 10 lbf·in	
7775870	8559-01	AML	1/4	6.3	6-30	50-270	-	1 N·m / 10 lbf·in	
7682000	8560-01	A	3/8	10.0	8-40	70-350	-	5 N·m / 50 lbf·in	
7682190	8565-01	AL	3/8	10.0	8-40	70-350	-	5 N·m / 50 lbf·in	
7683320	8561-01	B	1/2	12.5	20-120	-	15-90	5 N·m / 5 lbf·ft	
7683400	8566-01	BL	1/2	12.5	20-120	-	15-90	5 N·m / 5 lbf·ft	
7685530	8573-00	BC	1/2	12.5	40-200	-	30-150	5 N·m / 5 lbf·ft	
7683670	8578-00	BCL	1/2	12.5	40-200	-	30-150	5 N·m / 5 lbf·ft	
1905449	8573-10	BCK	1/2	12.5	40-200	-	30-150	5 N·m / 5 lbf·ft	
7685450	8562-10	C	1/2	12.5	50-300	-	35-220	5 N·m / 5 lbf·ft	
7685960	8567-10	CL	1/2	12.5	50-300	-	35-220	5 N·m / 5 lbf·ft	
7688470	8570-10	CD	3/4	20.0	80-360	-	60-260	5 N·m / 5 lbf·ft	
7688710	8575-10	CDL	3/4	20.0	80-360	-	60-260	5 N·m / 5 lbf·ft	
1427156	8574-10	DS	3/4	20.0	110-550	-	80-400	10 N·m / 10 lbf·ft	
1427121	8579-10	DSL	3/4	20.0	110-550	-	80-400	10 N·m / 10 lbf·ft	
7691500	8563-10	D	3/4	20.0	140-760	-	100-560	10 N·m / 10 lbf·ft	
7691850	8568-10	DL	3/4	20.0	140-760	-	100-560	10 N·m / 10 lbf·ft	
7670180	8563-01	DR	3/4	20.0	140-760	-	100-560	10 N·m / 10 lbf·ft	
7670500	8568-01	DRL	3/4	20.0	140-760	-	100-560	10 N·m / 10 lbf·ft	
7694010	8571-01	DX	3/4	20.0	520-1000	-	380-730	10 N·m / 10 lbf·ft	
7694360	8576-01	DXL	3/4	20.0	520-1000	-	380-730	10 N·m / 10 lbf·ft	
2311267	8581-01	EK	1	25.0	600-1500	-	-	25 N·m	
2311291	8586-01	EKL	1	25.0	600-1500	-	-	25 N·m	
7695250	8564-01	E	1	25.0	750-2000	-	-	50 N·m	
7695410	8569-01	EL	1	25.0	750-2000	-	-	50 N·m	
7717160	8572-01	F	1.1/2	40.0	1500-3000	-	-	50 N·m	