



Electronic torque testing wrench, maximum torque: 500N·m



Order data

Order number	655360 500
GTIN	2050001023179
Item class	66E

Description

Version:

Sturdy test wrench with exchangeable ratchet and compact display and control unit. Visual and acoustic signal indicates achievement of the set torque **visually and audibly**. For right-hand and left-hand threads.

Memory: 999 measured value pairs.

Power supply: NiMH rechargeable battery, operates 20 hours on a charge, charging time 3.5 hours. **Units of measure:** Nm, lbfft, lbfin, kgf·cm.

Application:

For quick **checking of screw connections**.

The screw connection is further rotated by a defined angle. The final torque required (T_w) is used to automatically calculate and display the initial tightening torque (T_A equivalent to T_B) for the fastening.

Standard:

Geprüft nach DIN EN ISO 6789.

Cutting dataa:

Legend for drawing and formula:

l_1 = Lever length without plug-in head

l_2 = Adjusted reference dimension on the torque wrench

l_3 = Lever length including factory calibration reference dimension

l_4 = Reference dimension of the plug-in head

L = Total length of the tool

T_1 = Torque to be set

T_2 = Specified torque

Supplied with:

Battery charger, instruction manual in German and English.

Optional extras:

Data cable No. 655265 (from RS232C to USB).

Note:

The guaranteed measuring accuracy of the torque is achieved only once the torque range has been calibrated to DIN EN ISO 6789.

Technical description

maximum torque	500 Nm
Square drive	3/4 in
Weight	4000 g
Resolution	0.5 Nm
Torque measuring accuracy	±1 %
Torque range	100 - 500 Nm
Number of batteries contained	1
Series	CTB2-G
Lever length including factory calibration reference dimension [l ₃]	910 mm
Overall length L	1055 mm
Display	digital
Setting the trigger value	digital, adjustable
Reversible reading	Nm
Reversible reading	lbfft
Reversible reading	lbfin
Standard	DIN EN ISO 6789
Trigger principle	Electromechanical trigger
Measurement process	Torque
Feedback	displaying
Connection format	Push-through square drive (ratchet)
Adjustable trigger value	adjustable
Calibration	O3
Direction of tightening	For right- and left-hand tightening
Test certificate	Manufacturer's test certificate
Interface	Digimatic interface

Data can be recorded	yes
Measurement technology	electronic
Release signalling	optisk
Release signalling	akustisk
Battery type	LR3
Power supply	Battery-powered
Type of product	Torque Wrench

Services

DAkkS calibrationTorque wrench clockwise / anti-clockwise maximum torque 1000/2 N·m	020040 1000/2
CalibrationTorque wrench clockwise / anti-clockwise maximum torque 1000/2 N·m	020030 1000/2

Accessories

Data cable	655265
------------	--------