



Electronic torque testing wrench, maximum torque: 50N·m



Order data

Order number	655365 50
GTIN	4045197611369
Item class	62E

Description

Version:

Compact electronic torque wrench with a versatile applications profile:

- **Measurement of torque and angle of rotation.**
- **Measurement of breakaway torque of an existing screw fastening. The measured breakaway torque value closely matches the existing torque. The following operating modes are available:**
- **Track or Peak mode.**
- **“QuickTest” – screw tightening to the specified torque or rotational angle.**
- **Screw tightening to the specified values and tolerances.**
- **Breakaway torque – closely matches the existing torque. Acoustic and visual warning signals or reaching or exceeding the set value. Stores up to 900 values. Operating life approx. 40 h. Angular measurement without any need for a reference arm.**

Units of measure: Nm, lbfft, lbfin, kgfm.

Application:

Controlled screw tightening for prototype building and small series production. **Checking screw fastenings.**

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:

With plastic case and 4 batteries (1.5 V Mignon / AA / LR6), with data transmission cable, and software, reversible precision ratchet.

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	50 Nm
Square drive	3/8 in
Socket for plug-in head	9×12 mm
Weight	900 g
Resolution	0.01 Nm
Torque measuring accuracy	±1 %
Exchangeable tool	Plug-in head
Torque range	10 - 50 Nm
Article no of the battery / rechargeable battery fitted	081557 LR6
Number of batteries contained	4
Lever length including factory calibration reference dimension [I ₃]	307.5 mm
Setting the trigger value	digital, adjustable
Adjusted reference dimension on the torque wrench [I ₂]	17.5 mm
Feedback	displaying
Measurement process	Torque
Measurement process	Rotation angle
Lever length without plug-in head [I ₁]	290 mm
Overall length L	393 mm
Standard	DIN EN ISO 6789
Connection format	for plug-in heads (rectangular socket)
Reversible reading	Nm
Reversible reading	lbfft
Reversible reading	lbfin

Display	digital
Adjustable trigger value	adjustable
Calibration	O3
Calibration	O5
Direction of tightening	For right- and left-hand tightening
Test certificate	Manufacturer's test certificate
Interface	USB interface
Measuring accuracy rotational angle	±1 %
Data can be recorded	yes
Measurement technology	electronic
Release signalling	optisk
Release signalling	akustisk
Release signalling	haptisk
Power supply	Battery-powered
Type of product	Torque Wrench

Services

DAkkS calibration Torque wrench clockwise / anti-clockwise maximum torque 1000/2 N·m	020040 1000/2
Calibration Torque wrench clockwise / anti-clockwise maximum torque 400/2 N·m	020030 400/2
Calibration Rotation angle Type W	020070 W

Accessories

Plug-in ratchet Type-Square drive 1-3/8 in	657630 1-3/8
Plug-in ratchet reversible Type-Square drive 1-1/4 in	657582 1-1/4
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657582 1-3/8
Alkaline-manganese batteries International size LR6	081551 LR6
Plug-in ratchet Type-Square drive 1-1/4 in	657630 1-1/4

Plug-in ratchet Type-Square drive 1-1/2 in	657630 1-1/2
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657582 1-1/2
Alkaline-manganese batteries International size LR6	081561 LR6