



Torque wrench base unit without plug-in head, maximum torque: 50N·m



Order data

Order number	657277 50
GTIN	4045197804143
Item class	62E

Description

Version:

Robust torque wrench, adjustable with micrometer scale, with protection against accidental changes to the setting.

Basic tool with square plug-in socket (without plug-in head). Suitable spare jaws No. 657582 - 657950.

Units of measure: Nm, lbfft.

Function:

On reaching the set torque value the wrench triggers giving a "signal" (audible and perceptible) and is then immediately ready for use again.

Application:

For small to medium series.

Standard:

Geprüft nach DIN EN ISO 6789.

Accuracy:

±3 % of the displayed value.

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

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
Torque measuring accuracy	±3 %
Exchangeable tool	Plug-in head
Socket for plug-in head	9×12 mm
Weight	700 g
Direction of tightening	For right and left-hand tightening
Scale graduation, 1 graduation =	0.5 Nm
Display	analogue
Torque range	10 - 50 Nm
Reversible reading	Nm
Reversible reading	lbfft
Measurement process	Torque
Feedback	triggering
Lever length without plug-in head [l ₁]	206 mm
Trigger principle	mechanical short-travel release
Adjustable trigger value	adjustable
Standard	DIN EN ISO 6789
Connection format	for plug-in heads (rectangular socket)
Lever length including factory calibration reference dimension [l ₃]	237 mm
Adjusted reference dimension on the torque wrench [l ₂]	31.8 mm
Overall length L	335 mm
Setting the trigger value	with adjustment scale
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Measurement technology	mechanical
Release signalling	acoustic

Release signalling	haptisk
Type of product	Torque Wrench

Services

DAkKS calibrationTorque wrench maximum torque 1000 N·m	020020 1000
CalibrationTorque wrench maximum torque 400 N·m	020010 400

Accessories

Plug-in ratchet Type-Square drive 1-1/4 in	657630 1-1/4
Plug-in ratchet reversible Type-Square drive 1-1/4 in	657582 1-1/4
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657582 1-1/2
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657582 1-3/8
Plug-in ratchet Type-Square drive 1-3/8 in	657630 1-3/8
Plug-in ratchet Type-Square drive 1-1/2 in	657630 1-1/2