



torque wrench with setting scale without plug-in head, maximum torque: 100N·m



Order data

Order number	657277 100
GTIN	4045197804150
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:

Tested to 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

Torque measuring accuracy	±3 %
Exchangeable tool	Plug-in head
Display	analogue
Socket for plug-in head	14×18 mm
maximum torque	100 Nm
Scale graduation, 1 graduation =	1 Nm
Weight	800 g
Direction of tightening	For right and left-hand tightening
Torque range	20 - 100 Nm
Lever length including factory calibration reference dimension [l_3]	287 mm
Reversible reading	Nm
Reversible reading	lbfft
Trigger principle	mechanical short-travel release
Standard	DIN EN ISO 6789
Measurement process	Torque
Lever length without plug-in head [l_1]	247 mm
Connection format	for plug-in heads (rectangular socket)
Adjusted reference dimension on the torque wrench [l_2]	40 mm
Overall length L	380 mm
Setting the trigger value	with adjustment scale

Data sheet

Feedback	triggering
Adjustable trigger value	adjustable
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

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/657277-100>