

**Torque wrench base unit without plug-in head, maximum torque: 300N·m****Order data**

Order number	657277 300
GTIN	4045197804174
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

Weight	1350 g
Exchangeable tool	Plug-in head
Torque measuring accuracy	$\pm 3 \%$
maximum torque	300 Nm
Socket for plug-in head	14×18 mm
Direction of tightening	For right and left-hand tightening
Display	analogue
Scale graduation, 1 graduation =	1 Nm
Torque range	60 - 300 Nm
Overall length L	588 mm
Lever length including factory calibration reference dimension [I ₃]	488 mm
Trigger principle	mechanical short-travel release
Feedback	triggering
Adjusted reference dimension on the torque wrench [I ₂]	40 mm
Setting the trigger value	with adjustment scale
Standard	DIN EN ISO 6789
Reversible reading	Nm
Reversible reading	lbfft
Adjustable trigger value	adjustable
Connection format	for plug-in heads (rectangular socket)
Lever length without plug-in head [I ₁]	448 mm
Measurement process	Torque
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/657277-300>