

Garant**Torque wrench base unit without plug-in head, maximum torque: 60N·m****Order data**

Order number	656055 60
GTIN	4045197302267
Item class	61E

Description**Version:**

Handy and very compact one-armed torque wrench, adjustable by scale and self-triggering. Extremely high repeat accuracy, since high quality materials are used throughout. Wearing parts, such as compression springs, are specially pre-treated and sorted. Reversible ratchet for left-hand and right-hand tightening.

Acoustic and perceptible "click effect" ensures particularly easy use and accurate setting of the desired torque.

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

Units of measure: Nm

Function:

The wrench triggers giving a "signal" (clearly audible acoustic tone and noticeable vibration) and afterwards is immediately ready for use again.

Application:

For medium to larger batch productions.

Standard:

Tested to DIN EN ISO 6789.

Accuracy:

Of the displayed value **only for right-hand tightening:** $\pm 3\%$

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:

Calibration is only possible for right-hand tightening.

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	60 Nm
Display	analogue
Socket for plug-in head	9×12 mm
Torque measuring accuracy	±3 %
Direction of tightening	For right and left-hand tightening
Exchangeable tool	Plug-in head
Scale graduation, 1 graduation =	0.5 Nm
Torque range	10 - 60 Nm
Lever length without plug-in head [l ₁]	254 mm
Setting the trigger value	with adjustment scale
Adjusted reference dimension on the torque wrench [l ₂]	17.5 mm
Trigger principle	mechanical short-travel release
Lever length including factory calibration reference dimension [l ₃]	271.5 mm
Feedback	triggering
Connection format	for plug-in heads (rectangular socket)
Overall length L	278 mm
Adjustable trigger value	adjustable
Reversible reading	Nm
Measurement process	Torque
Standard	DIN EN ISO 6789
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no

Measurement technology	mechanical
Release signalling	akustisk
Release signalling	haptisk
Type of product	Torque Wrench

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/656055-60>