

Garant**Torque wrench base unit without scale without plug-in head, maximum torque: 100N·m****Order data**

Order number	657450 100
GTIN	4045197995940
Item class	61E

Description**Version:**

One-armed torque wrench without a setting scale. Set the desired torque value with setting tool No. 657452 size 1 in conjunction with a suitable test device.

Anti-clockwise tightening by reversing the plug-in head. Without plug-in head (base model); for suitable plug-in heads see No. 657582 – 657950.

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 controlled screw tightening etc. to specified torques in batch productions.

Standard:

Tested to DIN EN ISO 6789.

Accuracy:

±2% of the set 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:

See No. 657582 – 657950 for **suitable plug-in heads**.

Technical description

Data sheet

Socket for plug-in head	14×18 mm
Torque range	20 - 100 Nm
Torque measuring accuracy	±2 %
Exchangeable tool	Plug-in head
Direction of tightening	For right and left-hand tightening
maximum torque	100 Nm
Weight	450 g
Setting the trigger value	without setting scale (requires torque analyser)
Standard	DIN EN ISO 6789
Trigger principle	mechanical short-travel release
Overall length L	368 mm
Adjustable trigger value	preset
Adjusted reference dimension on the torque wrench [I ₂]	38.5 mm
Lever length without plug-in head [I ₁]	295.5 mm
Reversible reading	Nm
Measurement process	Torque
Connection format	for plug-in heads (rectangular socket)
Feedback	triggering
Lever length including factory calibration reference dimension [I ₃]	334 mm
Calibration	O6
Calibration	O7
Data can be recorded	no
Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical
Type of product	Torque Wrench

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/657450-100>
