

Garant**Torque wrench base unit without plug-in head, maximum torque: 800N·m****Order data**

Order number	656055 800
GTIN	4045197542571
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:

Geprüft nach 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

Display	analogue
maximum torque	800 Nm
Socket for plug-in head	14×18 mm
Torque measuring accuracy	±3 %
Direction of tightening	For right and left-hand tightening
Exchangeable tool	Plug-in head
Scale graduation, 1 graduation =	2.5 Nm
Torque range	300 - 800 Nm
Trigger principle	mechanical short-travel release
Lever length without plug-in head [l ₁]	1086.5 mm
Setting the trigger value	with adjustment scale
Measurement process	Torque
Lever length including factory calibration reference dimension [l ₃]	1111.5 mm
Feedback	triggering
Overall length L	1173 mm
Adjusted reference dimension on the torque wrench [l ₂]	25 mm
Reversible reading	Nm
Standard	DIN EN ISO 6789
Adjustable trigger value	adjustable
Connection format	for plug-in heads (rectangular socket)
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

Services

CalibrationTorque wrenches maximum torque 1000 N·m	020010 1000
Accredited calibration (e.g. DAkkS)Torque wrenches maximum torque 1000 N·m	020020 1000