

**Garant**
**Torque wrench base unit without plug-in head, maximum torque: 120N·m**

**Order data**

Order number	656055 120
GTIN	4045197302274
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	120 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 =	1 Nm
Torque range	20 - 120 Nm
Lever length including factory calibration reference dimension [I <sub>3</sub> ]	326 mm
Overall length L	372 mm
Standard	DIN EN ISO 6789
Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]	25 mm
Setting the trigger value	with adjustment scale
Lever length without plug-in head [I <sub>1</sub> ]	301 mm
Adjustable trigger value	adjustable
Feedback	triggering
Connection format	for plug-in heads (rectangular socket)
Trigger principle	mechanical short-travel release
Measurement process	Torque
Reversible reading	Nm
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

DAkkS calibrationTorque wrench maximum torque 1000 N·m	020020 1000
CalibrationTorque wrench maximum torque 400 N·m	020010 400