

**Garant**
**Torque wrench with reversible ratchet, maximum torque: 1600N·m**

**Order data**

Order number	656050 1600
GTIN	4000896173570
Item class	61E

**Description**
**Version:**

Handy and very compact single-arm 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.

With built-in **reversible ratchet** with ejector – **for left-hand and right-hand tightening.**

**Units of measure:** Nm **2-piece** with release tool in nylon carrying bag.

**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

Weight	16000 g
Square drive	1 in
Display	analogue
maximum torque	1600 Nm
Torque measuring accuracy	±3 %
Direction of tightening	For right and left-hand tightening
Scale graduation, 1 graduation =	5 Nm
Torque range	600 - 1600 Nm
Standard	DIN EN ISO 6789
Setting the trigger value	with adjustment scale
Overall length L	2431 mm
Lever length including factory calibration reference dimension [I <sub>3</sub> ]	2304 mm
Connection format	Push-through square drive (ratchet)
Reversible reading	Nm
Trigger principle	mechanical short-travel release
Feedback	triggering
Adjustable trigger value	adjustable
Measurement process	Torque
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

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**Services**

CalibrationTorque wrench maximum torque 2000 N·m

020010 2000

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**Accessories**

Spare parts assortment for ratchet Square drive 1 in

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