

**Garant**
**Torque wrench with reversible ratchet, maximum torque: 200N·m**

**Order data**

Order number	656050 200
GTIN	4045197302236
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

**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.

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**Technical description**

Square drive	1/2 in
Weight	1300 g
maximum torque	200 Nm
Display	analogue
Torque measuring accuracy	±3 %
Direction of tightening	For right and left-hand tightening
Scale graduation, 1 graduation =	1 Nm
Torque range	40 - 200 Nm
Standard	DIN EN ISO 6789
Lever length including factory calibration reference dimension [L <sub>3</sub> ]	412 mm
Trigger principle	mechanical short-travel release
Overall length L	507 mm
Setting the trigger value	with adjustment scale
Connection format	Push-through square drive (ratchet)
Adjustable trigger value	adjustable
Measurement process	Torque
Feedback	triggering
Reversible reading	Nm
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical

Type of product	Torque Wrench
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## Services

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

Spare parts assortment for ratchet Square drive 1/2 in	656051 1/2
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