

**Garant**
**Torque wrench with reversible ratchet, maximum torque: 60N·m**

**Order data**

Order number	656050 60
GTIN	4045197302212
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.

## Technical description

Weight	550 g
maximum torque	60 Nm
Square drive	3/8 in
Display	analogue
Torque measuring accuracy	±3 %
Direction of tightening	For right and left-hand tightening
Scale graduation, 1 graduation =	0.5 Nm
Torque range	10 - 60 Nm
Adjustable trigger value	adjustable
Reversible reading	Nm
Lever length including factory calibration reference dimension [l <sub>3</sub> ]	233 mm
Feedback	triggering
Trigger principle	mechanical short-travel release
Measurement process	Torque
Connection format	Push-through square drive (ratchet)
Standard	DIN EN ISO 6789
Setting the trigger value	with adjustment scale
Overall length L	307 mm
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 wrench maximum torque 400 N·m	020010 400
---	------------

DAkkS calibrationTorque wrench maximum torque 1000 N·m	020020 1000
--	-------------

## Accessories

Spare parts assortment for ratchet Square drive 3/8 in	656051 3/8
--	------------