

Garant
Torque wrench with reversible ratchet, maximum torque: 60-1/2N·m

Order data

Order number	656050 60-1/2
GTIN	4045197640802
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

Square drive	1/2 in
Weight	550 g
Display	analogue
maximum torque	60 Nm
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
Lever length including factory calibration reference dimension [L ₃]	233 mm
Feedback	triggering
Overall length L	307 mm
Reversible reading	Nm
Connection format	Push-through square drive (ratchet)
Measurement process	Torque
Trigger principle	mechanical short-travel release
Standard	DIN EN ISO 6789
Setting the trigger value	with adjustment scale
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

Services

CalibrationTorque wrench maximum torque 400 N·m

020010 400

DAkkS calibrationTorque wrench maximum torque 1000 N·m

020020 1000