

Garant
Torque wrench with reversible ratchet, maximum torque: 120N·m

Order data

Order number	656050 120
GTIN	4045197302229
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

maximum torque	120 Nm
Square drive	1/2 in
Weight	1000 g
Display	analogue
Torque measuring accuracy	±3 %
Direction of tightening	For right and left-hand tightening
Scale graduation, 1 graduation =	1 Nm
Torque range	20 - 120 Nm
Setting the trigger value	with adjustment scale
Measurement process	Torque
Reversible reading	Nm
Lever length including factory calibration reference dimension [L ₃]	315 mm
Connection format	Push-through square drive (ratchet)
Feedback	triggering
Trigger principle	mechanical short-travel release
Standard	DIN EN ISO 6789
Overall length L	409 mm
Adjustable trigger value	adjustable
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

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

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