



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



Order data

Order number	656500 120
GTIN	4000896025220
Item class	630

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.

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

Units of measure: Nm With HiPer fine tooth reversible ratchet (90 teeth, 4° actuation angle).

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:** $\pm 2\%$.

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	1700 g
maximum torque	120 Nm
Square drive	1/2 in
Display	analogue
Torque measuring accuracy	±2 %
Direction of tightening	For right and left-hand tightening
Scale graduation, 1 graduation =	1 Nm
Torque range	20 - 120 Nm
Measurement process	Torque
Connection format	Push-through square drive (ratchet)
Feedback	triggering
Overall length L	435 mm
Trigger principle	mechanical short-travel release
Lever length including factory calibration reference dimension [l ₃]	341 mm
Setting the trigger value	with adjustment scale
Standard	DIN EN ISO 6789
Adjustable trigger value	adjustable
Reversible reading	Nm
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Release signalling	akustisk
Release signalling	haptisk
Release signalling	optisk

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