

## Garant

### Torque wrench without scale with reversible ratchet, maximum torque: 100N·m



#### Order data

Order number	657460 100
GTIN	4045197996008
Item class	61E

#### Description

##### Version:

One-armed torque wrench without a setting scale. Set the desired torque value with setting tool No. 657452 size 1 in conjunction with a suitable test device.

With built-in **reversible ratchet** with ejector – **for left-hand and right-hand tightening**. Torque wrench, only right-hand triggering.

##### Function:

On reaching the set torque value the wrench triggers giving a “signal”(audible and perceptible) and is then immediately ready for use again.

##### Application:

For controlled screw tightening etc. to specified torques in batch productions.

##### Standard:

Geprüft nach DIN EN ISO 6789.

##### Accuracy:

±2% of the set value.

##### 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

#### Technical description

Torque range	20 - 100 Nm
maximum torque	100 Nm
Torque measuring accuracy	±2 %
Direction of tightening	Right-hand tightening
Square drive	1/2 in
Weight	550 g
Adjustable trigger value	preset
Connection format	Push-through square drive (ratchet)
Standard	DIN EN ISO 6789
Feedback	triggering
Reversible reading	Nm
Measurement process	Torque
Setting the trigger value	without setting scale (requires torque analyser)
Lever length including factory calibration reference dimension [L <sub>3</sub> ]	310 mm
Overall length L	404 mm
Trigger principle	mechanical short-travel release
Calibration	O6
Calibration	O7
Data can be recorded	no
Measurement technology	mechanical
Release signalling	acoustic
Release signalling	haptisk
Type of product	Torque Wrench

## Services

DAkkS calibrationTorque wrench maximum torque 1000 N·m	020020 1000
	020090 400

Calibration and adjustmentTorque wrench without scale maximum torque 400 N·m	
AdjustmentTorque wrench without scale Type SET	020080 SET
DAkkS calibration and adjustmentTorque wrench without scale maximum torque 1000 N·m	020190 1000

### Accessories

Setting wrench for the torque value Type 1	657455 1
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