

**Garant**
**Torque wrench without scale with reversible ratchet, maximum torque: 200N·m**

**Order data**

Order number	657460 200
GTIN	4045197996015
Item class	61E

**Description**
**Version:**

Single-handed torque wrench without a setting scale. Set the desired torque value using setting tool 657455 size 1 in conjunction with a suitable testing 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 data:**
**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

Direction of tightening: For right and left-hand tightening

Torque measuring accuracy: ±2 %

Calibration: O6

Calibration: O7

Overall length L: 446 mm  
 Torque range: 50 - 200 N·m  
 Weight: 800 g  
 Square drive: 1/2 in

## Technical description

Weight	800 g
Torque range	50 - 200 N·m
Torque measuring accuracy	±2 %
Direction of tightening	For right and left-hand tightening
maximum torque	200 N·m
Square drive	1/2 in
Setting the trigger value	without setting scale (requires torque analyser)
Connection format	Push-through square drive (ratchet)
Feedback	triggering
Reversible reading	Nm
Adjustable trigger value	preset
Overall length L	446 mm
Measurement process	Torque
Lever length including factory calibration reference dimension [L <sub>3</sub> ]	351.5 mm
Standard	DIN EN ISO 6789
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 calibration Torque wrench maximum torque 1000 N·m	018830 1000
Adjustment Torque wrench without scale	018890
Calibration and adjustment Torque wrench without scale maximum torque 400 N·m	018891 400
Labelling laser-etched Type	018940
Calibration and adjustment Torque wrench without scale maximum torque 400 N·m	020090 400
Adjustment Torque wrench without scale Type SET	020080 SET
DAkkS calibration Torque wrench maximum torque 1000 N·m	020020 1000
DAkkS calibration and adjustment Torque 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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