



## Torque wrench base unit without plug-in head, maximum torque: 20 Nm



### Order data

Order number	657277 20
GTIN	4045197542489
Item class	62E

### Description

#### Version:

Robust torque wrench, adjustable with micrometer scale, with protection against accidental changes to the setting.

Basic tool with square plug-in socket (without plug-in head). Suitable spare jaws No. 657582 - 657950.

**Units of measure:** N·m, lbf·ft.

#### 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 small to medium series.

#### Standard:

Geprüft nach DIN EN ISO 6789.

#### Accuracy:

±3 % of the displayed value.

#### Note:

The guaranteed measuring accuracy of the torque is achieved only once the torque range has been calibrated to DIN EN ISO 6789.

Direction of tightening: For right and left-hand tightening

Torque measuring accuracy: ±3 %

Exchangeable tool: Plug-in head

Test certificate: Manufacturer's test certificate

Calibration: O1

Overall length L: 215 mm

Torque range: 4 - 20 Nm

Scale graduation, 1 graduation =: 0.1 Nm

Weight: 400 g

Adjusted reference dimension on the torque wrench [L<sub>2</sub>]: 31.8 mm

Socket for plug-in head: 9×12 mm

## Technical description

Torque measuring accuracy	±3 %
Exchangeable tool	Plug-in head
Display	analogue
maximum torque	20 Nm
Weight	400 g
Scale graduation, 1 graduation =	0.1 Nm
Direction of tightening	For right and left-hand tightening
Socket for plug-in head	9×12 mm
Torque range	4 - 20 Nm
Lever length without plug-in head [l <sub>1</sub> ]	153 mm
Measurement process	Torque
Connection format	for plug-in heads (rectangular socket)
Lever length including factory calibration reference dimension [l <sub>3</sub> ]	184.8 mm
Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]	31.8 mm
Adjustable trigger value	adjustable
Setting the trigger value	with adjustment scale
Overall length L	215 mm
Feedback	triggering
Trigger principle	mechanical short-travel release
Reversible reading	Nm
Reversible reading	lbfft
Standard	DIN EN ISO 6789
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Measurement technology	mechanical

Release signalling	acoustic
Release signalling	haptisk
Type of product	Torque Wrench

## Services

Labelling laser-etched Type	018940
Calibration Torque wrench maximum torque 400 Nm	018820 400

## Accessories

Plug-in ratchet with ejector Type-Square drive 1-1/4 inch	657580 1-1/4
Plug-in ratchet Square drive 1-3/8 inch	657620 1-3/8
Plug-in ratchet Square drive 1-1/2 inch	657620 1-1/2
Plug-in ratchet with ejector Type-Square drive 1-3/8 inch	657580 1-3/8
Plug-in ratchet with ejector Type-Square drive 1-1/2 inch	657580 1-1/2
Plug-in ratchet Square drive 1-1/4 inch	657620 1-1/4
Plug-in ratchet Type-Square drive 1-1/2 inch	657630 1-1/2
Plug-in ratchet reversible with ejector Type-Square drive 1-1/4 inch	657582 1-1/4
Plug-in ratchet reversible with ejector Type-Square drive 1-1/2 inch	657582 1-1/2
Plug-in ratchet reversible with ejector Type-Square drive 1-3/8 inch	657582 1-3/8
Plug-in ratchet Type-Square drive 1-3/8 inch	657630 1-3/8
Plug-in ratchet Type-Square drive 1-1/4 inch	657630 1-1/4