



## Torque wrench without plug-in head, Maximum torque: 20L Nm



### Order data

Order number	657215 20L
GTIN	4018754292653
Item class	63A

### Description

#### Version:

Sturdy compact one-armed torque wrench, adjustable to scale and self-triggering. The accuracy is sustained for many thousands of operations, because high quality material is used for all wearing parts with stressed parts loaded only briefly on each occasion. Body and handle are of sturdy square section. Scales adjustable. **Anti-clockwise tightening by pushing through the drive shank**

Without any plug-in head (basic model); see No. 657582 – 657950 for suitable plug-in heads.

**Units of measure:** N·m.

#### Function:

**Adjustment:** Quick adjustment of the torque with the slide setting button. The value is fixed using the locking key in the handle.

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#### Application:

Since the set torque can be varied, it is ideal for repairs and short series production.

#### Standard:

Geprüft nach DIN EN ISO 6789.

#### 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:  $\pm 4\%$

Exchangeable tool: Plug-in head

Test certificate: Manufacturer's test certificate

Calibration: O1

Overall length L: 179 mm

Torque range: 4 - 20 Nm

Scale graduation, 1 graduation =: 0.5 Nm

Weight: 315 g

Adjusted reference dimension on the torque wrench [I<sub>2</sub>]: 17.5 mm

Socket for plug-in head: 9×12 mm

## Technical description

Scale graduation, 1 graduation =	0.5 Nm
Weight	315 g
Display	analogue
Torque measuring accuracy	±4 %
maximum torque	20 Nm
Socket for plug-in head	9×12 mm
Exchangeable tool	Plug-in head
Direction of tightening	For right and left-hand tightening
Torque range	4 - 20 Nm
Standard	DIN EN ISO 6789
Overall length L	179 mm
Measurement process	Torque
Trigger principle	mechanical short-travel release
Feedback	triggering
Adjustable trigger value	adjustable
Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]	17.5 mm
Reversible reading	Nm
Setting the trigger value	with adjustment scale
Lever length without plug-in head [I <sub>1</sub> ]	174 mm
Lever length including factory calibration reference dimension [I <sub>3</sub> ]	191.5 mm
Connection format	for plug-in heads (rectangular socket)
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no

Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical
Series	MANOSKOP® 730 Quick
Type of product	Torque Wrench

### Services

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

### Accessories

Spare handle for torque wrenches Type 3	657211 3
Scale frame for torque wrench Type 1	657214 1