



Torque wrench without plug-in head, Maximum torque: 20LN·m



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 and the flexible rod is under load only briefly on each occasion. Body and handle are of sturdy square section. Scales adjustable. **Anti-clockwise tightening by reversing the plug-in tools.**

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

Units of measure: Nm.

Function:

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

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

Application:

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

Standard:

Geprüft nach DIN EN ISO 6789.

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:

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

Technical description

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| 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 ₂] | 17.5 mm |
| Reversible reading | Nm |
| Setting the trigger value | with adjustment scale |
| Lever length without plug-in head [I ₁] | 174 mm |
| Lever length including factory calibration reference dimension [I ₃] | 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 |

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

Services

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|---|------------|
| CalibrationTorque wrench maximum torque 400 N·m | 020010 400 |
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Accessories

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