



Torque wrench base unit without plug-in head, maximum torque: 100N·m



Order data

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| Order number | 657277 100 |
| GTIN | 4045197804150 |
| 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: Nm, lbfft.

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.

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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| Torque measuring accuracy | ±3 % |
| Exchangeable tool | Plug-in head |
| Display | analogue |
| Socket for plug-in head | 14×18 mm |
| maximum torque | 100 Nm |
| Scale graduation, 1 graduation = | 1 Nm |
| Weight | 800 g |
| Direction of tightening | For right and left-hand tightening |
| Torque range | 20 - 100 Nm |
| Lever length including factory calibration reference dimension [I ₃] | 287 mm |
| Reversible reading | Nm |
| Reversible reading | lbfft |
| Trigger principle | mechanical short-travel release |
| Standard | DIN EN ISO 6789 |
| Measurement process | Torque |
| Lever length without plug-in head [I ₁] | 247 mm |
| Connection format | for plug-in heads (rectangular socket) |
| Adjusted reference dimension on the torque wrench [I ₂] | 40 mm |
| Overall length L | 380 mm |
| Setting the trigger value | with adjustment scale |
| Feedback | triggering |
| Adjustable trigger value | adjustable |
| Calibration | O1 |
| Test certificate | Manufacturer's test certificate |
| Data can be recorded | no |
| Measurement technology | mechanical |
| Release signalling | acoustic |

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|--------------------|---------------|
| Release signalling | haptisk |
| Type of product | Torque Wrench |

Services

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| DAkkS calibrationTorque wrench maximum torque 1000 N·m | 020020 1000 |
| CalibrationTorque wrench maximum torque 400 N·m | 020010 400 |

Accessories

| | |
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| Plug-in ratchet Type-Square drive 2-3/4 in | 657630 2-3/4 |
| Plug-in ratchet Square drive 2-1/2 in | 657620 2-1/2 |
| Plug-in ratchet Type-Square drive 2-1/2 in | 657630 2-1/2 |
| Plug-in ratchet reversible Type-Square drive 2-1/2 in | 657582 2-1/2 |
| Plug-in ratchetwith ejector Type-Square drive 2-1/2 in | 657580 2-1/2 |