

Garant
Deflecting torque wrench without scale, maximum torque: 25N·m

Order data

| | |
|--------------|---------------|
| Order number | 657750 25 |
| GTIN | 4045197514561 |
| Item class | 61E |

Description
Version:

Torque wrench without scale. Wrench setting using torque analyser. **The trigger mechanism makes unintentional overtightening extremely unlikely. Anti-clockwise tightening** by reversing the plug-in head.

Function:

On reaching the preset torque value the wrench triggers a clearly detectable deflection and is then immediately ready for use again. The long-travel indication gives the user an unmistakable signal that the set torque has been reached.

Application:

For controlled tightening of screws to a pre-set torque during batch productions.

Standard:

Geprüft nach DIN EN ISO 6789.

Accuracy:

±3 % of the set 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:

Suitable spare jaws No. 657582 - 657950.

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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|--|---|
| maximum torque | 25 Nm |
| Weight | 650 g |
| Socket for plug-in head | 9×12 mm |
| Torque measuring accuracy | ±3 % |
| Direction of tightening | For right- and left-hand tightening |
| Exchangeable tool | Plug-in head |
| Torque range | 5 - 25 Nm |
| Reversible reading | Nm |
| Standard | DIN EN ISO 6789 |
| Lever length including factory calibration reference dimension [I ₃] | 187.5 mm |
| Connection format | for plug-in heads (rectangular socket) |
| Overall length L | 240 mm |
| Setting the trigger value | without setting scale (requires torque analyser) |
| Feedback | triggering |
| Trigger principle | mechanical short-travel release |
| Adjustable trigger value | preset |
| Adjusted reference dimension on the torque wrench [I ₂] | 17.5 mm |
| Lever length without plug-in head [I ₁] | 170 mm |
| Measurement process | Torque |
| Calibration | O6 |
| Calibration | O7 |
| Test certificate | Manufacturer's test certificate |
| Data can be recorded | no |
| Measurement technology | mechanical |
| Release signalling | akustisk |
| Release signalling | haptisk |

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|---------------------|---------------|
| Deflection function | yes |
| Type of product | Torque Wrench |

Services

| | |
|--|-------------|
| Calibration and adjustment Torque wrench without scale maximum torque 400 N·m | 020090 400 |
| DAkkS calibration Torque wrench maximum torque 1000 N·m | 020020 1000 |
| Adjustment Torque wrench without scale Type SET | 020080 SET |
| DAkkS calibration and adjustment Torque wrench without scale maximum torque 1000 N·m | 020190 1000 |

Accessories

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|---|--------------|
| Plug-in ratchet reversible Type-Square drive 1-3/8 in | 657582 1-3/8 |
| Plug-in ratchet Type-Square drive 1-1/4 in | 657630 1-1/4 |
| Electronic torque analyser "ProTest" maximum torque 60 N·m | 654460 60 |
| Plug-in ratchet reversible Type-Square drive 1-1/2 in | 657582 1-1/2 |
| Plug-in ratchet Type-Square drive 1-3/8 in | 657630 1-3/8 |
| Torque analyser for torque wrenches "SmartCheck" maximum torque 10 N·m | 654650 10 |
| Plug-in ratchet reversible Type-Square drive 1-1/4 in | 657582 1-1/4 |
| Plug-in ratchet Type-Square drive 1-1/2 in | 657630 1-1/2 |