

**Garant**
**Deflecting torque wrench without scale, maximum torque: 5N·m**

**Order data**

Order number	657750 5
GTIN	4045197514547
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:**

±4 % 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

Weight	220 g
maximum torque	5 Nm
Socket for plug-in head	9×12 mm
Torque measuring accuracy	±4 %
Direction of tightening	For right- and left-hand tightening
Exchangeable tool	Plug-in head
Torque range	0.5 - 5 Nm
Lever length including factory calibration reference dimension [l <sub>3</sub> ]	137.5 mm
Trigger principle	mechanical short-travel release
Adjustable trigger value	preset
Reversible reading	Nm
Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]	17.5 mm
Measurement process	Torque
Standard	DIN EN ISO 6789
Overall length L	145 mm
Feedback	triggering
Lever length without plug-in head [l <sub>1</sub> ]	120 mm
Setting the trigger value	without setting scale (requires torque analyser)
Connection format	for plug-in heads (rectangular socket)
Calibration	O6
Calibration	O7
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical

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

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
Torque analyser for torque wrenches "SmartCheck" maximum torque 10 N·m	654650 10
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
Electronic torque analyser "ProTest" maximum torque 60 N·m	654460 60
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