

Garant
Deflecting torque wrench without scale, maximum torque: 14N·m

Order data

Order number	657750 14
GTIN	4045197514554
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	290 g
maximum torque	14 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	4 - 14 Nm
Measurement process	Torque
Feedback	triggering
Lever length without plug-in head [l ₁]	132 mm
Overall length L	205 mm
Lever length including factory calibration reference dimension [l ₃]	149.5 mm
Standard	DIN EN ISO 6789
Connection format	for plug-in heads (rectangular socket)
Trigger principle	mechanical short-travel release
Reversible reading	Nm
Adjustable trigger value	preset
Adjusted reference dimension on the torque wrench [l ₂]	17.5 mm
Setting the trigger value	without setting scale (requires torque analyser)
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
Adjustment Torque wrench without scale Type SET	020080 SET
DAkkS calibration Torque wrench maximum torque 1000 N·m	020020 1000
DAkkS calibration and adjustment Torque wrench without scale maximum torque 1000 N·m	020190 1000

Accessories

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