



## Torque wrench base unit, maximum torque: 80N·m



### Order data

Order number	657500 80
GTIN	4045197566447
Item class	62E

### Description

#### Version:

Single-handed torque wrench without a setting scale. Wrench setting using torque analyser.

#### Left-hand tightening by reversing the plug-in head.

Without plug-in head (base model); see No. 657582 – 657590 for suitable plug-in heads.

#### 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 controlled screw tightening etc. to specified torques in batch productions.

#### 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

#### Optional extras:

Adjustment wrench No. 657520.

### Technical description

Weight	310 g
maximum torque	80 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	10 - 80 Nm
Connection format	for plug-in heads (rectangular socket)
Reversible reading	Nm
Adjustable trigger value	preset
Feedback	triggering
Measurement process	Torque
Trigger principle	mechanical short-travel release
Overall length L	240 mm
Setting the trigger value	without setting scale (requires torque analyser)
Standard	DIN EN ISO 6789
Calibration	O6
Calibration	O7
Data can be recorded	no
Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical
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
DAkkS calibration and adjustment Torque wrench without scale maximum torque 1000 N·m	020190 1000

## Accessories

Plug-in ratchet reversible Type-Square drive 1-3/8 in	657582 1-3/8
Electronic torque analyser "ProTest" maximum torque 400 N·m	654460 400
Plug-in ratchet Type-Square drive 1-1/4 in	657630 1-1/4
Plug-in ratchet Type-Square drive 1-1/2 in	657630 1-1/2
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
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657582 1-1/2
Setting wrench for the torque value	657520