



## Torque wrench base unit without plug-in head, maximum torque: 400N·m



### Order data

Order number	656510 400
GTIN	4000896026197
Item class	630

### Description

#### Version:

Handy and very compact single-arm torque wrench, adjustable by scale and self-triggering. Extremely high repeat accuracy, since high quality materials are used throughout. Wearing parts, such as compression springs, are specially pre-treated and sorted. Reversible ratchet for left-hand and right-hand tightening.

Basic tool with **square plug-in socket** (without plug-in head).

Suitable spare jaws No. 657582 - 657950.

**Units of measure:** Nm

#### Function:

The wrench triggers giving a "signal" (clearly audible acoustic tone and noticeable vibration) and afterwards is immediately ready for use again.

#### Application:

For medium to larger batch productions.

#### Standard:

Geprüft nach DIN EN ISO 6789.

#### Accuracy:

Of the displayed value **only for right-hand tightening:**  $\pm 2\%$ .

#### 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:**

Calibration is only possible for right-hand tightening.

The guaranteed measuring accuracy of the torque is achieved only once the torque range has been calibrated to DIN EN ISO 6789.

## Technical description

maximum torque	400 Nm
Display	analogue
Weight	2730 g
Socket for plug-in head	14×18 mm
Torque measuring accuracy	±2 %
Direction of tightening	For right and left-hand tightening
Exchangeable tool	Plug-in head
Scale graduation, 1 graduation =	2.5 Nm
Torque range	100 - 400 Nm
Reversible reading	Nm
Feedback	triggering
Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]	44 mm
Connection format	for plug-in heads (rectangular socket)
Lever length without plug-in head [l <sub>1</sub> ]	649 mm
Measurement process	Torque
Adjustable trigger value	adjustable
Overall length L	718 mm
Standard	DIN EN ISO 6789
Setting the trigger value	with adjustment scale
Trigger principle	mechanical short-travel release
Lever length including factory calibration reference dimension [l <sub>3</sub> ]	693 mm
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no

Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical
Type of product	Torque Wrench

## Services

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

## Accessories

Plug-in ratchet slim with recessed reverser Type-Square drive 2-3/8 in	657640 2-3/8
Plug-in ratchet slim with recessed reverser Type-Square drive 2-1/2 in	657640 2-1/2