

Garant

Torque wrench base unit without scale without plug-in head, maximum torque: 50N·m



Order data

Order number	657450 50
GTIN	4045197995933
Item class	61E

Description

Version:

One-armed torque wrench without a setting scale. Set the desired torque value with setting tool No. 657452 size 1 in conjunction with a suitable test device.

Anti-clockwise tightening by reversing the plug-in head. Without plug-in head (base model); for suitable plug-in heads see No. 657582 – 657950.

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.

Accuracy:

±2% 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:

See No. 657582 – 657950 for **suitable plug-in heads**.

Technical description

Exchangeable tool	Plug-in head
Torque range	10 - 50 Nm
Weight	290 g
Direction of tightening	For right and left-hand tightening
maximum torque	50 Nm
Socket for plug-in head	9×12 mm
Torque measuring accuracy	±2 %
Lever length including factory calibration reference dimension [I ₃]	225.5 mm
Standard	DIN EN ISO 6789
Feedback	triggering
Connection format	for plug-in heads (rectangular socket)
Adjusted reference dimension on the torque wrench [I ₂]	30 mm
Setting the trigger value	without setting scale (requires torque analyser)
Measurement process	Torque
Trigger principle	mechanical short-travel release
Lever length without plug-in head [I ₁]	195.5 mm
Overall length L	247 mm
Adjustable trigger value	preset
Reversible reading	Nm
Calibration	O6
Calibration	O7
Data can be recorded	no
Measurement technology	mechanical
Release signalling	akustisk
Release signalling	haptisk
Type of product	Torque Wrench

Services

Calibration and adjustmentTorque wrench without scale maximum torque 400 N·m	020090 400
AdjustmentTorque wrench without scale Type SET	020080 SET
DAkKS calibrationTorque wrench maximum torque 1000 N·m	020020 1000
DAkKS calibration and adjustmentTorque 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 1-1/4 in	657630 1-1/4
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657582 1-3/8
Plug-in ratchet Type-Square drive 1-3/8 in	657630 1-3/8
BIT ratchet socket plug-in head Bit-holder 1/4 in	657932 1/4
Square Drive Insert Type-Square drive 1-3/8 in	657698 1-3/8
Square Drive Insert Type-Square drive 1-1/2 in	657698 1-1/2
Plug-in ratchet Type-Square drive 1-1/2 in	657630 1-1/2
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657582 1-1/2
Setting wrench for the torque value Type 1	657455 1
Square Drive Insert Type-Square drive 1-1/4 in	657698 1-1/4