



QuickSelect torque wrench with adjustment locking, without plug-in head, Maximum torque: 50N·m



Order data

Order number	657099 50
GTIN	4018754269433
Item class	63A

Description

Version:

Sturdy compact one-armed torque wrench, adjustable to scale and self-triggering. The accuracy is sustained for many thousands of operations, because high quality material is used for all wearing parts and the flexible rod is under load only briefly on each occasion. Body and handle are of sturdy square section. Scales adjustable. **Anti-clockwise tightening by reversing the plug-in tools.**

Without any plug-in head (basic model); see No. 657582 – 657950 for suitable plug-in heads.

Units of measurement: Nm, lbfft.

Advantage:

Can be pre-set using the scale, and secured against further changes by removal of the setting knob. Optionally the wrench can be secured against tampering using the locking screw and the sticker supplied.

Function:

If the set value is reached while using the wrench, the wrench triggers giving a "signal" (acoustic and perceptible) and is then immediately ready for use again.

Application:

Since the set torque can be varied, it is ideal for repairs and short series production.

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

Note:

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

Technical description

Scale graduation, 1 graduation =	0.25 Nm
Weight	831 g
Exchangeable tool	Plug-in head
maximum torque	50 Nm
Socket for plug-in head	9×12 mm
Direction of tightening	For right and left-hand tightening
Torque measuring accuracy	±3 %
Display	analogue
Torque range	10 - 50 Nm
Torque range	7 - 37 lbfft
Standard	DIN EN ISO 6789
Adjustable trigger value	adjustable
Measurement process	Torque
Adjusted reference dimension on the torque wrench [I ₂]	17.5 mm
Reversible reading	Nm
Reversible reading	lbfft
Setting the trigger value	with adjustment scale
Connection format	for plug-in heads (rectangular socket)
Lever length without plug-in head [I ₁]	280 mm
Trigger principle	mechanical short-travel release
Lever length including factory calibration reference dimension [I ₃]	297.5 mm
Feedback	triggering
Overall length L	330 mm
Calibration	O1

Test certificate	Manufacturer's test certificate
Data can be recorded	no
Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical
Series	MANOSKOP® 730Fix
Deflection function	no
Slipper function	no
Quick release/ quick-change function	no
Memory pointer	no
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 reversiblewith QuickRelease ejector Type-Square drive 1-1/2 in	657590 1-1/2
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657600 1-1/2
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657600 1-3/8
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-3/8 in	657590 1-3/8
Square drive plug-in head Type-Square drive 1-1/2 in	657700 1-1/2
Square drive plug-in head Type-Square drive 1-3/8 in	657700 1-3/8
Square drive plug-in head Type-Square drive 1-1/4 in	657700 1-1/4
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-1/4 in	657590 1-1/4
Plug-in ratchet reversible Type-Square drive 1-1/4 in	657600 1-1/4

