



QuickSelect torque wrench with adjustment locking, without plug-in head, Maximum torque: 400N·m



Order data

Order number	657099 400
GTIN	4018754269471
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

Weight	1655 g
Scale graduation, 1 graduation =	2 Nm
Direction of tightening	For right and left-hand tightening
Socket for plug-in head	14×18 mm
Exchangeable tool	Plug-in head
Torque measuring accuracy	±3 %
maximum torque	400 Nm
Display	analogue
Torque range	80 - 400 Nm
Torque range	60 - 300 lbfft
Lever length including factory calibration reference dimension [l ₃]	589 mm
Overall length L	607 mm
Feedback	triggering
Adjusted reference dimension on the torque wrench [l ₂]	25 mm
Trigger principle	mechanical short-travel release
Reversible reading	Nm
Reversible reading	lbfft
Adjustable trigger value	adjustable
Measurement process	Torque
Connection format	for plug-in heads (rectangular socket)
Setting the trigger value	with adjustment scale
Standard	DIN EN ISO 6789
Lever length without plug-in head [l ₁]	564 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

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

Accessories

Plug-in ratchet reversible Type-Square drive 2-3/4HD in	657600 2-3/4HD
Square drive plug-in head Type-Square drive 2-1/2 in	657700 2-1/2
Plug-in ratchet reversible Type-Square drive 2-1/2 in	657582 2-1/2
Plug-in ratchet Square drive 2-1/2 in	657620 2-1/2
Square drive plug-in head Type-Square drive 2-3/4 in	657700 2-3/4
Plug-in ratchetwith ejector Type-Square drive 2-1/2 in	657580 2-1/2
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 2-1/2 in	657590 2-1/2
Plug-in ratchet reversible Type-Square drive 2-3/4 in	657600 2-3/4
Plug-in ratchet Type-Square drive 2-3/4 in	657630 2-3/4
Plug-in ratchet Type-Square drive 2-1/2 in	657630 2-1/2

Plug-in ratchet reversible Type-Square drive 2-1/2 in

657600 2-1/2