



Torque wrench with plug-in reversible ratchet, Maximum torque: 100N·m



Order data

Order number	657105 100
GTIN	2050002047204
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.**

With **plug-in reversible ratchet**. **Units of measure:** Nm, lbfft.

Function:

Adjustment: Quick adjustment of the torque with the slide setting button. The value is fixed using the locking key in the handle.

Quick adjustment of the torque with the slide setting button. The value is fixed using the locking key in the handle.

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 =	2.5 Nm
Direction of tightening	For right and left-hand tightening
Socket for plug-in head	9×12 mm
Exchangeable tool	Plug-in head
maximum torque	100 Nm
Square drive	1/2 in
Torque measuring accuracy	±4 %
Display	analogue
Weight	1020 g
Torque range	20 - 100 Nm
Torque range	15 - 72.5 lbfft
Trigger principle	mechanical short-travel release
Standard	DIN EN ISO 6789
Feedback	triggering
Lever length without plug-in head [l ₁]	343 mm
Measurement process	Torque
Connection format	for plug-in heads (rectangular socket)
Lever length including factory calibration reference dimension [l ₃]	360.5 mm
Adjusted reference dimension on the torque wrench [l ₂]	17.5 mm
Reversible reading	Nm
Adjustable trigger value	adjustable
Setting the trigger value	with adjustment scale
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Measurement technology	mechanical

Release signalling	akustisk
Release signalling	haptisk
Series	MANOSKOP® 730 Quick
Deflection function	no
Slipper function	no
Quick release/ quick-change function	no
Memory pointer	no
Type of product	Torque Wrench

Services

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

Accessories

Square drive plug-in head Type-Square drive 1-3/8 in	657700 1-3/8
Green slide for torque wrench Type 2	657213 2
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-3/8 in	657590 1-3/8
Scale window for torque wrench Type 2	657212 2
Spare handle for torque wrenches Type 4	657211 4
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657600 1-3/8
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-1/4 in	657590 1-1/4
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657600 1-1/2
Square drive plug-in head Type-Square drive 1-1/4 in	657700 1-1/4
Plug-in ratchet reversible Type-Square drive 1-1/4 in	657600 1-1/4
Square drive plug-in head Type-Square drive 1-1/2 in	657700 1-1/2
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-1/2 in	657590 1-1/2

Torque wrench without plug-in head Maximum torque 100 N·m	657215 100
Scale window for torque wrench Type 4	657212 4