



Torque wrench with plug-in reversible ratchet, Maximum torque: 20LN·m



Order data

Order number	657105 20L
GTIN	2050002047174
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.

Function:

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

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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	320 g
Scale graduation, 1 graduation =	0.5 Nm
Torque range	4 - 20 Nm
Exchangeable tool	Plug-in head
Display	analogue
maximum torque	20 Nm
Socket for plug-in head	9×12 mm
Direction of tightening	For right and left-hand tightening
Square drive	3/8 in
Torque measuring accuracy	±4 %
Reversible reading	Nm
Trigger principle	mechanical short-travel release
Measurement process	Torque
Lever length including factory calibration reference dimension [I ₃]	191.5 mm
Setting the trigger value	with adjustment scale
Feedback	triggering
Connection format	for plug-in heads (rectangular socket)
Standard	DIN EN ISO 6789
Lever length without plug-in head [I ₁]	174 mm
Adjusted reference dimension on the torque wrench [I ₂]	17.5 mm
Adjustable trigger value	adjustable
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

Accessories

Spare handle for torque wrenches Type 4	657211 4
Scale frame for torque wrench Type 1	657214 1
Spare handle for torque wrenches Type 3	657211 3
Torque wrench without plug-in head Maximum torque 20L N·m	657215 20L
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657600 1-3/8