



Torque wrench without scale, maximum torque: 100N·m



Order data

Order number	657300 100
GTIN	2050001017239
Item class	63A

Description

Version:

Single-handed torque wrenches without a setting scale. Wrench setting using torque analyser. With reversible plug-in ratchet – left-hand tightening by reversing the plug-in head.

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:

For controlled screw tightening etc. to specified torques in series production.

Standard:

Geprüft nach DIN EN ISO 6789.

Accuracy:

±4% 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:

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

Technical description

Square drive	1/2 in
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Weight	780 g
Display	analogue
maximum torque	100 Nm
Socket for plug-in head	9×12 mm
Torque measuring accuracy	±4 %
Direction of tightening	For right and left-hand tightening
Exchangeable tool	Plug-in head
Torque range	20 - 100 Nm
Torque range	15 - 74 lbfft
Reversible reading	Nm
Reversible reading	lbfft
Standard	DIN EN ISO 6789
Feedback	triggering
Lever length including factory calibration reference dimension [I ₃]	306.5 mm
Setting the trigger value	without setting scale (requires torque analyser)
Lever length without plug-in head [I ₁]	289 mm
Adjustable trigger value	preset
Connection format	for plug-in heads (rectangular socket)
Adjusted reference dimension on the torque wrench [I ₂]	17.5 mm
Overall length L	351.5 mm
Trigger principle	mechanical short-travel release
Measurement process	Torque
Calibration	O6
Calibration	O7
Data can be recorded	no
Measurement technology	mechanical
Release signalling	akustisk
Release signalling	haptisk

Series	MANOSKOP® 755
Deflection function	no
Slipper function	no
Quick release/ quick-change function	no
Memory pointer	no
Type of product	Torque Wrench

Services

AdjustmentTorque wrench without scale Type SET	020080 SET
Calibration and adjustmentTorque wrench without scale maximum torque 400 N·m	020090 400
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 reversiblewith QuickRelease ejector Type-Square drive 1-1/4 in	657590 1-1/4
Square drive plug-in head Type-Square drive 1-3/8 in	657700 1-3/8
Plug-in ratchet reversible Type-Square drive 1-1/4 in	657600 1-1/4
Square drive plug-in head Type-Square drive 1-1/4 in	657700 1-1/4
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657600 1-3/8
Square drive plug-in head Type-Square drive 1-1/2 in	657700 1-1/2
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657600 1-1/2
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-3/8 in	657590 1-3/8
Electronic torque analyser“ProTest” maximum torque 400 N·m	654460 400
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-1/2 in	657590 1-1/2

Torque wrench base unit maximum torque 100 N·m

657410 100