



Torque wrench without scale, maximum torque: 300N·m



Order data

Order number	657300 300
GTIN	2050001017253
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

Display	analogue
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Square drive	1/2 in
Weight	1512 g
maximum torque	300 Nm
Socket for plug-in head	14×18 mm
Torque measuring accuracy	±4 %
Direction of tightening	For right and left-hand tightening
Exchangeable tool	Plug-in head
Torque range	60 - 300 Nm
Torque range	40 - 220 lbfft
Adjusted reference dimension on the torque wrench [I ₂]	25 mm
Lever length without plug-in head [I ₁]	587 mm
Overall length L	656 mm
Feedback	triggering
Lever length including factory calibration reference dimension [I ₃]	612 mm
Connection format	for plug-in heads (rectangular socket)
Trigger principle	mechanical short-travel release
Adjustable trigger value	preset
Standard	DIN EN ISO 6789
Setting the trigger value	without setting scale (requires torque analyser)
Reversible reading	Nm
Reversible reading	lbfft
Measurement process	Torque
Calibration	O6
Calibration	O7
Data can be recorded	no
Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical

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

Services

Calibration and adjustment Torque wrench without scale maximum torque 400 N·m	020090 400
DAkKS calibration Torque wrench maximum torque 1000 N·m	020020 1000
Adjustment Torque wrench without scale Type SET	020080 SET
DAkKS calibration and adjustment Torque wrench without scale maximum torque 1000 N·m	020190 1000

Accessories

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
Plug-in ratchet reversible Type-Square drive 2-3/4 in	657600 2-3/4
Square drive plug-in head Type-Square drive 2-3/4 in	657700 2-3/4
Square drive plug-in head Type-Square drive 2-1/2 in	657700 2-1/2
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
Electronic torque analyser“ProTest” maximum torque 400 N·m	654460 400
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
Plug-in ratchet reversible Type-Square drive 2-3/4HD in	657600 2-3/4HD

Plug-in ratchet Type-Square drive 2-3/4 in	657630 2-3/4
Torque wrench base unit maximum torque 300 N·m	657410 300