



Torque wrench base unit, maximum torque: 100N·m



Order data

Order number	657410 100
GTIN	4018754031627
Item class	63A

Description

Version:

Single-handed torque wrench without a setting scale. Wrench setting using torque analyser.

Left-hand tightening by reversing the plug-in head.

Without plug-in head (base model); see No. 657582 – 657590 for suitable plug-in heads.

Function:

On reaching the set torque value the wrench triggers giving a "signal" (audible and perceptible) and is then immediately ready for use again.

Application:

For controlled screw tightening etc. to specified torques in batch productions.

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	640 g
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
Connection format	for plug-in heads (rectangular socket)
Trigger principle	mechanical short-travel release
Setting the trigger value	without setting scale (requires torque analyser)
Feedback	triggering
Standard	DIN EN ISO 6789
Overall length L	318 mm
Adjusted reference dimension on the torque wrench [I ₂]	17.5 mm
Lever length without plug-in head [I ₁]	289 mm
Measurement process	Torque
Lever length including factory calibration reference dimension [I ₃]	306.5 mm
Reversible reading	Nm
Reversible reading	lbfft
Adjustable trigger value	preset
Calibration	O6
Calibration	O7
Data can be recorded	no
Measurement technology	mechanical
Release signalling	akustisk
Release signalling	haptisk
Series	MANOSKOP® 755
Type of product	Torque Wrench

Services

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

Accessories

Square drive plug-in head Type-Square drive 1-1/4 in	657700 1-1/4
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657600 1-1/2
Square drive plug-in head Type-Square drive 1-3/8 in	657700 1-3/8
Plug-in ratchet reversible with QuickRelease ejector Type-Square drive 1-3/8 in	657590 1-3/8
Plug-in ratchet reversible Type-Square drive 1-1/4 in	657600 1-1/4
Plug-in ratchet reversible with QuickRelease ejector Type-Square drive 1-1/4 in	657590 1-1/4
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657600 1-3/8
Electronic torque analyser "ProTest" maximum torque 400 N·m	654460 400
Plug-in ratchet reversible with QuickRelease ejector Type-Square drive 1-1/2 in	657590 1-1/2
Square drive plug-in head Type-Square drive 1-1/2 in	657700 1-1/2