



Torque wrench QuickSelect with plug-in ratchet, maximum torque: 20N·m



Order data

Order number	657090 20
GTIN	2050001019769
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, lbf·in.

Advantage:

- **Ergonomically shaped two-component handle, resistant to aggressive liquids such as fuel, Skydrol etc.**
- **The adjustment scale is placed behind a sight glass for protection against dirt and damage.**
- **Quick, precise, and reliable setting: Pull the setting knob, "Twist" to set the desired value and "Press" to save it. Setting knob moves easily since there is no spring pressure to be overcome.**

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:

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

maximum torque	20 Nm
Weight	740 g
Display	analogue
Square drive	3/8 in
Socket for plug-in head	9×12 mm
Torque measuring accuracy	±3 %
Direction of tightening	For right and left-hand tightening
Exchangeable tool	Plug-in head
Scale graduation, 1 graduation =	0.2 Nm
Torque range	40 - 180 lbf·in
Torque range	4 - 20 Nm
Feedback	triggering
Connection format	for plug-in heads (rectangular socket)
Adjustable trigger value	adjustable
Lever length including factory calibration reference dimension [l_3]	243.5 mm
Reversible reading	Nm
Reversible reading	lbf·in
Standard	DIN EN ISO 6789
Setting the trigger value	with adjustment scale
Measurement process	Torque
Trigger principle	mechanical short-travel release
Lever length without plug-in head [l_1]	226 mm

Adjusted reference dimension on the torque wrench [L ₂]	17.5 mm
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical
Series	MANOSKOP® 730N
Type of product	Torque Wrench

Services

DAkkS calibration Torque wrench maximum torque 1000 N·m	020020 1000
Calibration Torque wrench maximum torque 400 N·m	020010 400

Accessories

Plug-in ratchet reversible with QuickRelease ejector Type-Square drive 1-1/4 in	657590 1-1/4
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 1-1/2 in	657582 1-1/2
Plug-in ratchet reversible Type-Square drive 1-1/2 in	657600 1-1/2
Plug-in ratchet reversible with QuickRelease ejector Type-Square drive 1-1/2 in	657590 1-1/2
Plug-in ratchet reversible Type-Square drive 1-1/4 in	657582 1-1/4
Plug-in ratchet reversible Type-Square drive 1-1/4 in	657600 1-1/4
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657600 1-3/8
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657582 1-3/8
Torque wrench QuickSelect without plug-in head maximum torque 20 N·m	657094 20