



Torque wrench QuickSelect with plug-in ratchet, maximum torque: 650N·m



Order data

Order number	657090 650
GTIN	2050001019776
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, lbfft.

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

Square drive	3/4 in
Display	analogue
maximum torque	650 Nm
Weight	3400 g
Socket for plug-in head	14×18 mm
Torque measuring accuracy	±3 %
Direction of tightening	For right and left-hand tightening
Exchangeable tool	Plug-in head
Scale graduation, 1 graduation =	2.5 Nm
Torque range	130 - 650 Nm
Torque range	100 - 480 lbfft
Standard	DIN EN ISO 6789
Reversible reading	Nm
Reversible reading	lbfft
Feedback	triggering
Adjustable trigger value	adjustable
Lever length including factory calibration reference dimension [l_3]	873 mm
Lever length without plug-in head [l_1]	848 mm
Adjusted reference dimension on the torque wrench [l_2]	25 mm
Trigger principle	mechanical short-travel release
Measurement process	Torque
Setting the trigger value	with adjustment scale

Connection format	for plug-in heads (rectangular socket)
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Measurement technology	mechanical
Release signalling	akustisk
Release signalling	haptisk
Series	MANOSKOP® 730N
Type of product	Torque Wrench

Services

DAkkS calibrationTorque wrench maximum torque 1000 N·m	020020 1000
CalibrationTorque wrench maximum torque 1000 N·m	020010 1000

Accessories

Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 2-1/2 in	657590 2-1/2
Plug-in ratchet reversible Type-Square drive 2-3/4HD in	657600 2-3/4HD
Plug-in ratchet reversible Type-Square drive 2-1/2 in	657600 2-1/2
Plug-in ratchetwith ejector Type-Square drive 2-1/2 in	657580 2-1/2
Plug-in ratchet reversible Type-Square drive 2-3/4 in	657600 2-3/4
Plug-in ratchet reversible Type-Square drive 2-1/2 in	657582 2-1/2
Torque wrench QuickSelectwithout plug-in head maximum torque 650 N·m	657094 650