



## QuickSelect torque wrench with adjustment locking, without plug-in head, Maximum torque: 100N·m



### Order data

Order number	657099 100
GTIN	4018754269440
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.**

Without any plug-in head (basic model); see No. 657582 – 657950 for suitable plug-in heads.

**Units of measurement:** Nm, lbfft.

#### Advantage:

Can be pre-set using the scale, and secured against further changes by removal of the setting knob. Optionally the wrench can be secured against tampering using the locking screw and the sticker supplied.

#### 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**

Weight	988 g
Display	analogue
maximum torque	100 Nm
Torque measuring accuracy	±3 %
Scale graduation, 1 graduation =	0.5 Nm
Socket for plug-in head	9×12 mm
Direction of tightening	For right and left-hand tightening
Exchangeable tool	Plug-in head
Torque range	20 - 100 Nm
Torque range	15 - 75 lbfft
Lever length including factory calibration reference dimension [l <sub>3</sub> ]	353.5 mm
Measurement process	Torque
Feedback	triggering
Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]	17.5 mm
Lever length without plug-in head [l <sub>1</sub> ]	336 mm
Connection format	for plug-in heads (rectangular socket)
Reversible reading	Nm
Reversible reading	lbfft
Standard	DIN EN ISO 6789
Overall length L	386 mm
Trigger principle	mechanical short-travel release
Adjustable trigger value	adjustable
Setting the trigger value	with adjustment scale
Calibration	O1

Test certificate	Manufacturer's test certificate
Data can be recorded	no
Release signalling	akustisk
Release signalling	haptisk
Measurement technology	mechanical
Series	MANOSKOP® 730Fix
Deflection function	no
Slipper function	no
Quick release/ quick-change function	no
Memory pointer	no
Type of product	Torque Wrench

## Services

CalibrationTorque wrench maximum torque 400 N·m	020010 400
DAkkS calibrationTorque wrench maximum torque 1000 N·m	020020 1000

## Accessories

Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-1/2 in	657590 1-1/2
Plug-in ratchet reversible Type-Square drive 1-3/8 in	657600 1-3/8
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
Square drive plug-in head Type-Square drive 1-1/2 in	657700 1-1/2
Square drive plug-in head Type-Square drive 1-3/8 in	657700 1-3/8
Plug-in ratchet reversiblewith QuickRelease ejector Type-Square drive 1-1/4 in	657590 1-1/4
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

