

# Torque wrench QuickSelect without plug-in head, maximum torque: 130N·m



## **Order data**

Order number	657094 130
GTIN	4018754139538
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 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:

 $I_1$  = Lever length without plug-in head

 $I_2$  = Adjusted reference dimension on the torque wrench



 $I_3$  = Lever length including factory calibration reference dimension

 $I_4$  = 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  Weight  1128 g  Socket for plug-in head  14×18 mm  Torque measuring accuracy  Direction of tightening  Exchangeable tool  Scale graduation, 1 graduation =  Torque range  Torque range  20 - 95 lbfft  Lever length including factory calibration reference dimension [l₃]  Setting the trigger value  Adjusted reference dimension on the torque wrench [l₂]  Standard  Lever length without plug-in head [l₁]  Reversible reading  Reversible reading  Connection format  Trigger principle  Adjustable trigger value  Ad justable trigger value	Display	analogue
Socket for plug-in head Torque measuring accuracy Direction of tightening Exchangeable tool Scale graduation, 1 graduation = Torque range Torque range Torque range Torque range Torque range Description of tightening Torque range Tors mm Torque range To	maximum torque	130 Nm
Torque measuring accuracy  Direction of tightening  Exchangeable tool  Scale graduation, 1 graduation =  Torque range  Torque range  Torque range  Direction of tightening  Exchangeable tool  Plug-in head  Scale graduation, 1 graduation =  0.5 Nm  Torque range  25 - 130 Nm  Torque range  20 - 95 lbfft  Lever length including factory calibration reference dimension [l <sub>3</sub> ]  Setting the trigger value  Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]  Standard  DIN EN ISO 6789  Lever length without plug-in head [l <sub>1</sub> ]  Reversible reading  Nm  Reversible reading  Ibfft  Connection format  for plug-in heads (rectangular socket)  Trigger principle  Adjustable trigger value  adjustable	Weight	1128 g
Direction of tightening  Exchangeable tool  Scale graduation, 1 graduation =  Torque range  Torque range  20 - 95 lbfft  Lever length including factory calibration reference dimension [I <sub>3</sub> ]  Setting the trigger value  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]  Standard  Lever length without plug-in head [I <sub>1</sub> ]  Reversible reading  Reversible reading  Connection format  Trigger principle  Adjustable trigger value  For right and left-hand tightening  Plug-in head  20 - 95 lbfft  404 mm  with adjustment scale  404 mm  DIN EN ISO 6789  DIN EN ISO 6789  Ibfft  for plug-in heads (rectangular socket)  mechanical short-travel release  Adjustable trigger value  adjustable	Socket for plug-in head	14×18 mm
Exchangeable tool  Scale graduation, 1 graduation = 0.5 Nm  Torque range 25 - 130 Nm  Torque range 20 - 95 lbfft  Lever length including factory calibration reference dimension [I <sub>3</sub> ]  Setting the trigger value with adjustment scale  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ] 25 mm  Standard DIN EN ISO 6789  Lever length without plug-in head [I <sub>1</sub> ] 379 mm  Reversible reading Nm  Reversible reading lbfft  Connection format for plug-in heads (rectangular socket)  Trigger principle mechanical short-travel release  Adjustable trigger value adjustable	Torque measuring accuracy	±3 %
Scale graduation, 1 graduation = 0.5 Nm  Torque range 25 - 130 Nm  Torque range 20 - 95 lbfft  Lever length including factory calibration reference dimension [l₃] with adjustment scale  Adjusted reference dimension on the torque wrench [l₂] 25 mm  Standard DIN EN ISO 6789  Lever length without plug-in head [l₁] 379 mm  Reversible reading Nm  Reversible reading lbfft  Connection format for plug-in heads (rectangular socket)  Trigger principle mechanical short-travel release  Adjustable trigger value adjustable	Direction of tightening	For right and left-hand tightening
Torque range  Torque range  Torque range  20 - 95 lbfft  Lever length including factory calibration reference dimension [l <sub>3</sub> ]  Setting the trigger value  Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]  Standard  DIN EN ISO 6789  Lever length without plug-in head [l <sub>1</sub> ]  Reversible reading  Reversible reading  Connection format  Trigger principle  Adjustable trigger value  25 - 130 Nm  20 - 95 lbfft  404 mm  Mith adjustment scale  Abjustable dipustment scale  Aligustable dipustment scale  Aligustment scale  Al	Exchangeable tool	Plug-in head
Torque range  Lever length including factory calibration reference dimension [I <sub>3</sub> ]  Setting the trigger value  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]  Standard  Lever length without plug-in head [I <sub>1</sub> ]  Reversible reading  Reversible reading  Connection format  Trigger principle  Add mm  with adjustment scale  With adjustment scale  Adjustment scale  DIN EN ISO 6789  DIN EN ISO 6789  Ibfft  for plug-in heads (rectangular socket)  mechanical short-travel release  Adjustable trigger value  adjustable	Scale graduation, 1 graduation =	0.5 Nm
Lever length including factory calibration reference dimension [l <sub>3</sub> ]  Setting the trigger value  Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]  Standard  Lever length without plug-in head [l <sub>1</sub> ]  Reversible reading  Reversible reading  Connection format  Trigger principle  Add mm  with adjustment scale  With adjustment scale  DIN EN ISO 6789  DIN EN ISO 6789  Ibfft  for plug-in heads (rectangular socket)  mechanical short-travel release  Adjustable trigger value  adjustable	Torque range	25 - 130 Nm
dimension [I <sub>3</sub> ]  Setting the trigger value  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]  Standard  DIN EN ISO 6789  Lever length without plug-in head [I <sub>1</sub> ]  Reversible reading  Reversible reading  Ibft  Connection format  Trigger principle  Adjustable trigger value  with adjustment scale  with adjustment scale  25 mm  DIN EN ISO 6789  Ibft  for plug-in heads (rectangular socket)  mechanical short-travel release  adjustable	Torque range	20 - 95 lbfft
Adjusted reference dimension on the torque wrench [I₂]  Standard  DIN EN ISO 6789  Lever length without plug-in head [I₁]  Reversible reading  Nm  Reversible reading  Ibfft  Connection format  for plug-in heads (rectangular socket)  Trigger principle  Adjustable trigger value  adjustable		404 mm
Standard DIN EN ISO 6789  Lever length without plug-in head [l <sub>1</sub> ] 379 mm  Reversible reading Nm  Reversible reading Ibfft  Connection format for plug-in heads (rectangular socket)  Trigger principle mechanical short-travel release  Adjustable trigger value adjustable	Setting the trigger value	with adjustment scale
Lever length without plug-in head [I <sub>1</sub> ]  Reversible reading  Reversible reading  Ibfft  Connection format  Trigger principle  Adjustable trigger value  Adjustable	Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]	25 mm
Reversible reading Reversible reading Ibfft Connection format Trigger principle Adjustable trigger value  Nm Ibfft for plug-in heads (rectangular socket) mechanical short-travel release adjustable	Standard	DIN EN ISO 6789
Reversible reading  Connection format  Trigger principle  Adjustable trigger value  Ibfft  for plug-in heads (rectangular socket)  mechanical short-travel release  adjustable	Lever length without plug-in head [I <sub>1</sub> ]	379 mm
Connection format for plug-in heads (rectangular socket)  Trigger principle mechanical short-travel release  Adjustable trigger value adjustable	Reversible reading	Nm
Trigger principle mechanical short-travel release  Adjustable trigger value adjustable	Reversible reading	lbfft
Adjustable trigger value adjustable	Connection format	for plug-in heads (rectangular socket)
, 00	Trigger principle	mechanical short-travel release
Overall length L 421 mm	Adjustable trigger value	adjustable
	Overall length L	421 mm

020010 400

020020 1000

Feedback	triggering
Measurement process	Torque
Calibration	01
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	

# **Accessories**

N⋅m

CalibrationTorque wrench maximum torque 400 N·m

DAkkS calibrationTorque wrench maximum torque 1000

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
Plug-in ratchet reversible Type-Square drive 2-1/2 in	657582 2-1/2
Plug-in ratchet reversible Type-Square drive 2-3/4HD in	657600 2-3/4HD
Plug-in ratchet Type-Square drive 2-1/2 in	657630 2-1/2
Plug-in ratchet Square drive 2-1/2 in	657620 2-1/2
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 reversible with QuickRelease ejector Type- Square drive 2-1/2 in	657590 2-1/2
Plug-in ratchet Type-Square drive 2-3/4 in	657630 2-3/4