## HOLEX

# torque wrench with setting scale without plug-in head, maximum torque: 100N·m



### **Order data**

Order number	657277 100
GTIN	4045197804150
Item class	62E

## **Description**

#### **Version:**

Robust torque wrench, adjustable with micrometer scale, with protection against accidental changes to the setting.

Basic tool with square plug-in socket (without plug-in head). Suitable spare jaws No. 657582 - 657950.

Units of measure: Nm, lbfft.

#### **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 small to medium series.

#### **Standard:**

Tested to DIN EN ISO 6789.

#### **Accuracy:**

±3 % of the displayed value.

#### **Cutting dataa:**

#### Legend for drawing and formula:

 $I_1$  = Lever length without plug-in head

## Data sheet

 $I_2$  = 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**

Exchangeable tool  Display  Socket for plug-in head  14×18 mm  maximum torque  100 Nm  Scale graduation, 1 graduation =  1 Nm  Weight  800 g  Direction of tightening  Torque range  20 - 100 Nm  Lever length including factory calibration reference dimension [I <sub>3</sub> ]  Reversible reading  Reversible reading  Reversible reading  Trigger principle  Standard  DIN EN ISO 6789  Measurement process  Lever length without plug-in head [I <sub>1</sub> ]  Connection format  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]  Overall length L  Setting the trigger value  Plug-in head  14×18 mm  100 Nm  800 g  For right and left-hand tightening  For right and left-hand tightening  1 Nm  20 - 100 Nm  10 - 100	Torque measuring accuracy	±3 %
Socket for plug-in head  maximum torque  100 Nm  Scale graduation, 1 graduation =  Weight  Boo g  For right and left-hand tightening  Torque range  20 - 100 Nm  Lever length including factory calibration reference dimension [l <sub>3</sub> ]  Reversible reading  Reversible reading  Trigger principle  Standard  DIN EN ISO 6789  Measurement process  Lever length without plug-in head [l <sub>1</sub> ]  Connection format  Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]  Overall length L  380 mm	Exchangeable tool	Plug-in head
maximum torque  Scale graduation, 1 graduation =  1 Nm  Weight  800 g  For right and left-hand tightening  Torque range  20 - 100 Nm  Lever length including factory calibration reference dimension [l <sub>3</sub> ]  Reversible reading  Reversible reading  Trigger principle  Standard  Measurement process  Lever length without plug-in head [l <sub>1</sub> ]  Connection format  Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]  100 Nm  800 g  For right and left-hand tightening  20 - 100 Nm  Nm  Nm  Nm  Reversible reading  Ibfft  mechanical short-travel release  Torque  247 mm  for plug-in heads (rectangular socket)  Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]  40 mm  Overall length L	Display	analogue
Scale graduation, 1 graduation = 1 Nm  Weight 800 g  Direction of tightening For right and left-hand tightening  Torque range 20 - 100 Nm  Lever length including factory calibration reference dimension [I <sub>3</sub> ]  Reversible reading Nm  Reversible reading Ibfft  Trigger principle mechanical short-travel release  Standard DIN EN ISO 6789  Measurement process Torque  Lever length without plug-in head [I <sub>1</sub> ] 247 mm  Connection format for plug-in heads (rectangular socket)  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ] 40 mm  Overall length L	Socket for plug-in head	14×18 mm
Weight 800 g  Direction of tightening For right and left-hand tightening  Torque range 20 - 100 Nm  Lever length including factory calibration reference dimension [I <sub>3</sub> ]  Reversible reading Nm  Reversible reading Ibfft  Trigger principle mechanical short-travel release  Standard DIN EN ISO 6789  Measurement process Torque  Lever length without plug-in head [I <sub>1</sub> ] 247 mm  Connection format for plug-in heads (rectangular socket)  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ] 40 mm  Overall length L	maximum torque	100 Nm
Direction of tightening  For right and left-hand tightening  Torque range  20 - 100 Nm  Lever length including factory calibration reference dimension [l <sub>3</sub> ]  Reversible reading  Nm  Reversible reading  Ibfft  Trigger principle  Standard  DIN EN ISO 6789  Measurement process  Lever length without plug-in head [l <sub>1</sub> ]  Connection format  Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]  Overall length L  San mm  Torque  1287 mm  Mechanical short-travel release  Torque  1247 mm  Torque  1248 mm  Torque  1380 mm	Scale graduation, 1 graduation =	1 Nm
Torque range  Lever length including factory calibration reference dimension [I <sub>3</sub> ]  Reversible reading  Reversible reading  Reversible reading  Ibfft  Trigger principle  Standard  DIN EN ISO 6789  Measurement process  Torque  Lever length without plug-in head [I <sub>1</sub> ]  Connection format  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]  Overall length L  20 - 100 Nm  Augustation on the server of th	Weight	800 g
Lever length including factory calibration reference dimension [l <sub>3</sub> ]  Reversible reading  Reversible reading  Reversible reading  Ibfft  Trigger principle  Standard  DIN EN ISO 6789  Measurement process  Torque  Lever length without plug-in head [l <sub>1</sub> ]  Connection format  Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]  Overall length L  380 mm	Direction of tightening	For right and left-hand tightening
dimension [I <sub>3</sub> ]  Reversible reading  Reversible reading  Reversible reading  Ibfft  Trigger principle  Standard  DIN EN ISO 6789  Measurement process  Torque  Lever length without plug-in head [I <sub>1</sub> ]  Connection format  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]  Overall length L  380 mm	Torque range	20 - 100 Nm
Reversible reading  Trigger principle  Standard  DIN EN ISO 6789  Measurement process  Lever length without plug-in head [I <sub>1</sub> ]  Connection format  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ]  Overall length L  Ibfft  mechanical short-travel release  DIN EN ISO 6789  Torque  247 mm  for plug-in heads (rectangular socket)  40 mm		287 mm
Trigger principle mechanical short-travel release  Standard DIN EN ISO 6789  Measurement process Torque  Lever length without plug-in head [I <sub>1</sub> ] 247 mm  Connection format for plug-in heads (rectangular socket)  Adjusted reference dimension on the torque wrench [I <sub>2</sub> ] 40 mm  Overall length L 380 mm	Reversible reading	Nm
Standard DIN EN ISO 6789  Measurement process Torque  Lever length without plug-in head $[I_1]$ 247 mm  Connection format for plug-in heads (rectangular socket)  Adjusted reference dimension on the torque wrench $[I_2]$ 40 mm  Overall length L 380 mm	Reversible reading	lbfft
Measurement process Torque  Lever length without plug-in head $[l_1]$ 247 mm  Connection format for plug-in heads (rectangular socket)  Adjusted reference dimension on the torque wrench $[l_2]$ 40 mm  Overall length L 380 mm	Trigger principle	mechanical short-travel release
Lever length without plug-in head $[I_1]$ 247 mm  Connection format for plug-in heads (rectangular socket)  Adjusted reference dimension on the torque wrench $[I_2]$ 40 mm  Overall length L 380 mm	Standard	DIN EN ISO 6789
Connection format for plug-in heads (rectangular socket)  Adjusted reference dimension on the torque wrench $[l_2]$ Overall length L  380 mm	Measurement process	Torque
Adjusted reference dimension on the torque wrench [l₂]  40 mm  Overall length L  380 mm	Lever length without plug-in head [l <sub>1</sub> ]	247 mm
Overall length L 380 mm	Connection format	for plug-in heads (rectangular socket)
	Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]	40 mm
Setting the trigger value with adjustment scale	Overall length L	380 mm
	Setting the trigger value	with adjustment scale

# Data sheet

Feedback	triggering
Adjustable trigger value	adjustable
Calibration	01
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Measurement technology	mechanical
Release signalling	acoustic
Release signalling	haptisk
Type of product	Torque Wrench

# **Suitable products**

https://www.hoffmann-group.com/GB/en/hom/p/657277-100