

Garant**Torque wrench with digital display, maximum torque: 50N·m****Order data**

Order number	656650 50
GTIN	4045197683274
Item class	61E

Description**Version:**

Handy and very compact, one-armed torque wrench, self-triggering. The setting is performed using a digital display (OLED display with battery charge display, rechargeable by mini-USB cable). The unit of measure is easily changed using the multi-function button. Extremely high repeat accuracy, since high quality materials are used throughout. Wearing parts, such as compression springs, are specially pre-treated and sorted. Acoustic and perceptible "click effect" ensures particularly easy use and accurate setting of the desired torque.

Units of measure: Nm, lbfft, lbfin, kgf·cm.

- **Sturdy ratchet, reversible / push-through.**
- **Tough and robust steel tube (hardened and hard chrome-plated), slim design.**
- **OLED display showing the value, battery charge level and unit of measure.**
- **Mini-USB port for charging the display battery.**
- **Handle ergonomically embossed. End collar prevents slipping. Sealed for protection against ingress of dirt and liquids.**
- **Unlocking display of the setting mechanism, easily visible from any position.**

With built-in **ratchet - only for clockwise tightening.**

Function:

The wrench triggers giving a "signal" (clearly audible acoustic tone and noticeable vibration) and afterwards is immediately ready for use again.

Application:

For medium to larger batch productions.

Standard:

Tested to 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

Supplied with:

Mini-USB charger cable for the OLED display.

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	820 g
Display	digital
maximum torque	50 Nm
Resolution	0.5 Nm
Square drive	3/8 in
Torque measuring accuracy	±4 %
Direction of tightening	Right-hand tightening
Torque range	10 - 50 Nm
Torque range	7 - 37 lbfft
Standard	DIN EN ISO 6789
Reversible reading	Nm
Reversible reading	lbfft
Reversible reading	lbfin
Reversible reading	kgf-cm
Overall length L	340 mm
Trigger principle	mechanical short-travel release
Lever length including factory calibration reference dimension [l_3]	228 mm
Adjustable trigger value	adjustable
Feedback	triggering
Measurement process	Torque

Data sheet

Setting the trigger value	digital, adjustable
Connection format	Push-through square drive (ratchet)
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Release signalling	acoustic
Release signalling	haptisk
Measurement technology	mechanical
Power supply	Rechargeable battery-powered
Type of product	Torque Wrench

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/656650-50>