

Electronic torque wrench HCT, maximum torque: 100N·m



Order data

Order number	655025 100
GTIN	4062406390068
Item class	61D

Description

Version:

- Display: Large sharp contrast illuminated 2 inch TFT display with viewing angle stability.
 With battery display.
- · Fixed ratchet with changeover lever.
- · Display: Peak and Track function modes.
- · Modes: Displaying torque, triggering torque.
- Screw tightening profiles and procedures can be programmed both directly at the wrench and also conveniently via the app.
- Possible wireless applications: HCT Windows app and HCT mobile app. The analyser has a bi-directional interface. The analyser can also be used independently (without the app).
- App: The Bluetooth® dongle No. 498999 STICK (license) and the Windows app software are required to activate the HCT Windows app (https://hog.tools/win-app-hct). The HCT mobile app is available free of charge for iOS and Android.
- Data output: Via Bluetooth®. Available via the app as a .csv file, or directly at the torque wrench via the HID interface for simple and convenient digital documentation.
- · Wireless approval: The torque wrenches with Bluetooth® interface have valid wireless approval in all EU countries, in Switzerland, in Norway, Turkey and the UK.
- Password protection: possible as protection against unauthorised access to the menu (master password).
- Warning signals are haptic (vibration), visual (change of colour on the display) and acoustic (buzzer). The pre-warning point can be configured individually. Haptic and acoustic warning signals can be disabled if desired.

- Easy input of reference dimensions: When using extensions, simply input the new value (additional reference dimension). No laborious calculations with formulae.
- · Protection class IP40
- The single-component handle of the torque wrench ensures especially good ergonomics and high torque transmission.
- · Resistant to oils, grease, fuel, brake fluid and Skydrol.
- · Languages: German, English, Spanish, Italian, French.
- · Factory settings: The wrench can be reset to the factory settings.
- Time and date on the wrench are updated automatically as soon as it is connected to the app.
- Display of the software version with serial number, load cycle counter and calibration date.
- Calibration reminder: after number of load cycles.
- Counting function: Load cycle counter is optionally displayed on the screen. This value can be reset at any time.
- · Last measurement: The last measurement performed can be called up quickly and easily in the main screen.
- Premium features: The rotational angle measurement can be activated individually via our GO DIGITAL STORE as an additional licence. Can be found at http://ho7.eu./holex-hct.

Units of measure: Nm, lbfft, lbfin.

Advantage:

Please update the application and Bluetooth® firmware of your HCT torque wrenches to take full advantage of the benefits! Application firmware from 1.1.10, Bluetooth® firmware from 1.3.6.

HCT – Hoffmann Group Connected Tools

Advantages of wireless transmission with Bluetooth®:

- Simple data transmission: At the push of a button the measuring result is transmitted directly to your PC application (such as Excel or Word) or to your mobile phone - no dongle necessary.
- · Freedom of movement: No messy data transmission cables.
- Independence of location: Measurements can be performed directly to the machine and transmitted by radio to your application.
- Reliable data transmission: No read errors and transmission errors multiple measuring devices can be linked together.

Standard:

Tested to DIN EN ISO 6789.

Accuracy:

Torque: Clockwise ±2 %, anticlockwise ±3 %.

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

Data sheet

L = Total length of the tool

 $T_1 = Torque to be set$

 T_2 = Specified torque

Supplied with:

1 commercially available Li-ion battery type 18650 3.6 V / 3400 mAh (can be charged directly within the tool via an USB-C plug). Supplied in a sturdy plastic case.

Note:

Suitable additional batteries can be found under No. 081574 size 3500. Charger for 4 batteries optionally available under No. 081590 size 4ULTRA.

Technical description

Calibration O5 Feedback triggering Feedback displaying Feedback acoustic signal Series HCT Torque range 20 - 100 Nm Power supply Rechargeable battery-powered Square drive 1/2 in Lever length including factory calibration reference dimension [l ₃] Battery capacity 3.4 Ah #Article no of the battery / rechargeable battery fitted 081574 3500 Torque measuring accuracy ±2 % Torque measuring accuracy ±2 % Torque measuring accuracy 14.8 6 mm Test certificate Manufacturer's test certificate Torque range 14.8 - 73.8 lbfft Battery type 18650 maximum torque 100 Nm Display diagonal 2 in	Standard	DIN EN ISO 6789
Feedback displaying Feedback displaying Feedback acoustic signal Series HCT Torque range 20 - 100 Nm Power supply Rechargeable battery-powered Square drive 1/2 in Lever length including factory calibration reference dimension [I _s] Battery capacity 3.4 Ah #Article no of the battery / rechargeable battery fitted 081574 3500 Torque measuring accuracy ±2 % Torque measuring accuracy ±3 % Overall length L 418.6 mm Test certificate Manufacturer's test certificate Torque range 14.8 - 73.8 lbfft Battery type 18650 maximum torque 100 Nm		
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Battery type 18650 maximum torque 100 Nm	Test certificate	Manufacturer's test certificate
maximum torque 100 Nm	Torque range	14.8 - 73.8 lbfft
·	Battery type	18650
Display diagonal 2 in	maximum torque	100 Nm
	Display diagonal	2 in

Data sheet

Reversible reading Reversible reading Reversible reading Reversible reading Reversible reading Resurement process Torque Release signalling Release signaling	Setting the trigger value	digital, adjustable
Reversible reading Measurement process Release signalling Release signaling Release signaline Release signaling Release	Reversible reading	Nm
Measurement process Release signalling Release signaling Release signaline Release signaling Release signaling Release signaling Release signaling Release signaling Release signaling Release signaline Release signaling Release signaline Rele	Reversible reading	lbfin
Release signalling Resolution Reasurement technology Resolution Resolut	Reversible reading	lbfft
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Interface Bluetooth* interface Adjustable trigger value adjustable Connection format Push-through square drive (ratchet) Measurement technology electronic Data can be recorded yes Resolution 0.1 Nm Weight 910 g Type of rechargeable battery Lithium-ion Display digital Nominal voltage 3.6 V Number of rechargeable batteries contained 1 Direction of tightening For right and left-hand tightening Torque range 177 - 885 lbfin Trigger principle Electromechanical trigger App link PCT (Hoffmann Group Connected Tools) Wireless application HCT Mobile App Wireless application HCT Windows app Wireless application HID (Human Interface Device)	Release signalling	haptisk
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Type of rechargeable battery Display Nominal voltage 3.6 V Number of rechargeable batteries contained Direction of tightening Torque range Torque range Trigger principle Electromechanical trigger App link HCT (Hoffmann Group Connected Tools) Wireless application HCT Mobile App Wireless application HCT Windows app Wireless application HID (Human Interface Device)	Resolution	0.1 Nm
Display digital Nominal voltage 3.6 V Number of rechargeable batteries contained 1 Direction of tightening For right and left-hand tightening Torque range 177 - 885 lbfin Trigger principle Electromechanical trigger App link Connected Tools) Wireless application HCT Mobile App Wireless application HCT Windows app Wireless application HID (Human Interface Device)	Weight	910 g
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Torque range 177 - 885 lbfin Electromechanical trigger App link HCT (Hoffmann Group Connected Tools) Wireless application HCT Mobile App Wireless application HCT Windows app Wireless application HID (Human Interface Device)	Number of rechargeable batteries contained	1
Trigger principle App link HCT (Hoffmann Group Connected Tools) Wireless application HCT Mobile App Wireless application HCT Windows app Wireless application HID (Human Interface Device)	Direction of tightening	For right and left-hand tightening
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Wireless application HID (Human Interface Device)	Wireless application	HCT Mobile App
	Wireless application	HCT Windows app
Type of product Torque Wrench	Wireless application	HID (Human Interface Device)
	Type of product	Torque Wrench

Suitable products

https://www.hoffmann-group.com/GB/en/hom/p/655025-100

Data sheet