



Electronic torque wrench / rotational angle wrench without plug-in head, HCT, maximum torque: 650N·m



Order data

Order number	655017 650
GTIN	4018754357987
Item class	60N

Description

Version:

Highly precise electronic torque / rotational angle wrench for screw tightening and checking of screw fastenings. Clear OLED display with colour screen and extremely simple menu navigation. Sturdy wrench with "Direct mode" for quick general-purpose use. 4 measurement modes: Torque and angle of rotation. Process reliability results achieved by torque with angular monitoring or rotational angle with torque monitoring. Can be programmed by a PC; password protection for security against tampering. Rotary angle measurement can be programmed easily, no reference arm required. Peak and Track function modes.

The wrench can be used in trigger mode. When the set torque or rotational angle is reached the wrench triggers with acoustic and tactile signals like a conventional mechanical torque wrench.

Units of measure: Nm, lbfft, lbfin.

Highlights:

- **Torque wrench is simple to integrate into the HCT worker guidance system.**
- **Bluetooth® update for the HCT adapter is performed over the air.**
- **Availability of an open protocol interface via the HCT Windows app.**
- **Can be used in combination with our GARANT torque tester HCT; supplementary HCT functions can be used (1st peak mode with simultaneous display of measurement from the MANOSKOP® 766 DAPTIQ® HCT and the GARANT torque tester HCT on the display of the tester).**
- **Electromechanical torque/rotational angle wrench with true mechanical actuation.**

Advantage:

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.

Cutting data:

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:

Includes sturdy plastic box (size 400 to size 1000 in a sheet metal box) and 4 batteries (1.5 V Micro / AAA / LR3), USB data cable.

Note:

- **Matching rechargeable battery available under Stahlwille number 54101195.**
- **Matching charging dock available under Stahlwille number 54100060.**

Technical description

Overall length L	890 mm
Trigger principle	mechanical short travel release
Lever length including factory calibration reference dimension [l_3]	890 mm
Interface	USB interface
Interface	Bluetooth® interface
Connection format	for plug-in heads (rectangular socket)
Setting the trigger value	digital, adjustable
Measurement process	Torque
Measurement process	Angle of rotation
Reversible reading	Nm
Reversible reading	lbfft
Reversible reading	lbfin

Data sheet

#Number of batteries contained	4
Data can be recorded	yes
Direction of tightening	For right and left-hand tightening
Display	digital
Exchangeable tool	Plug-in head
Wireless application	HID (Human Interface Device)
Wireless application	HCT mobile app
Wireless application	HCT Windows app
Battery type	LR3
Power supply	Battery-powered
Adjustable trigger value	adjustable
Feedback	triggering
Packaging	in a sheet metal box
Torque range	65 - 650 Nm
Torque measuring accuracy	±2 %
Socket for plug-in head	22×28 mm
Calibration	O3
Calibration	O5
Calibration	O1
Measuring accuracy rotational angle	±1 %
Release signalling	acoustic
Release signalling	haptic
Standard	DIN EN ISO 6789
Test certificate	Manufacturer's test certificate
Weight	3222 g
App link	HCT (Hoffmann Group Connected Tools)
maximum torque	650 Nm
Lever length without plug-in head [l ₁]	835 mm
Resolution	1 Nm

Measurement technology	electronic
Adjusted reference dimension on the torque wrench [l ₂]	55 mm
Series	DAPTIQ®
Series	HCT
Series	MANOSKOP® 766
Type of product	Torque wrenches

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/655017-650>