

MANOSKOP® tightening angle torque wrenches w.mount for insert tools

714



Art.No. **96500980**
 GTIN **4018754222865**
 Model **714/80**

Label.

Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 80-800N·m
 Output L. 1158mm

Features.

- 4 measuring modes (torque, angle of rotation, torque with control variable angle of rotation, angle of rotation with control variable torque)
- high-resolution colour graphic display with additional lateral signal lights
- free configurable menu structure
- optional: Li-ion battery no. 7195-2 and charger no. 7160
- 3 function modes: triggering, peak hold (indicating operation with peak value display) and track (indicating operation with momentary value display)
- Micro-USB interface
- Bayonet catch for battery compartment
- QuickRelease safety lock - exchange system for insert.wkz.
- Data storage (= 2. 500 tightening operations)
- up to 200 tightening operations in a maximum of 25 sequence plans are programmable
- different tolerance limits can be set depending on the tightening operation
- acoustic and visual evaluation of the tightening operation
- quick and precise setting via keypad
- no unintended adjustment by automatic key lock
- overload protection by acoustic and optical warning signal as well as forced release (right)
- automatic indication of the next calibration date according to time and/or number of loads
- fully automatic calibration and adjustment with the perfectControl® calibration and adjustment device no. 7794-2 (torque) or 7794-3 (torque and angle of rotation)
- Units of measurement: N·m, ft·lb, in·lb
- automatically correct tightening torque after entering a deviating stitch size
- immediately ready for operation again after unloading
- Right and left tightening - for left tightening in function mode triggering may be necessary. the insertion tool must be turned by 180°
- sensible and audible trigger signal
- torque and angle of rotation visible at the same time
- measurement independent of the point of force application (Gr. 1, 2 and 4)

- safe handling due to ergonomically shaped handle (resistant to oils, greases, fuels, brake fluids and Skydrol)
- 3 certificates (torque indicating/releasing according to DIN EN ISO 6789-2:2017, angle of rotation)
- in sturdy plastic box (Gr. 40-100 in sheet steel case)
- registered design, patented
- Supplied with SENSOMASTER 4 software, USB cable, 4 AAA/LR03 micro batteries, 1.5 V. Micro NiMH rechargeable batteries AAA, 1.2 V, can be used
- Display resolution angle of rotation 0.1°
- **Display deviation angle of rotation $\pm 1^\circ \pm 1$ digit up to 100°, >100° at least 1% ± 1 digit**
- Display resolution torque = 60 N-m: 0.01 N-m; &60 N-m: 0.1 N-m
- **Display deviation torque $\pm 2\%$, ± 1 digit**

Advantages.

4 measuring modes (torque, angle, torque backed up by angle, angle backed up by torque)

Product highlights.



Electromechanical triggering.

The best of both worlds: electromechanical torque wrenches from STAHLWILLE combine the uncompromising accuracy of an electronic torque tool with the comforting tactile feedback of a mechanical trigger mechanism.



Safe.

Increased fastener quality – including the angle of turn as the second measured quantity makes the bolted joint even more secure.



Audited.

All our angle-controlled torque wrenches have a logging function. Using the corresponding software (this is an optional extra), it is possible to read out programmed, stored readings and archive them on the PC – for example by the serial number of the tool, date and timestamp of the tightening operation, target torque and angle and the torques and angles actually recorded.



Accurat.

Accuracy counts – uncertainty is reduced to a minimum to guarantee accurate readings.



Made to measure.

Four measuring modes (torque, angle, torque backed up by angle, angle backed up by torque).



Versatile.

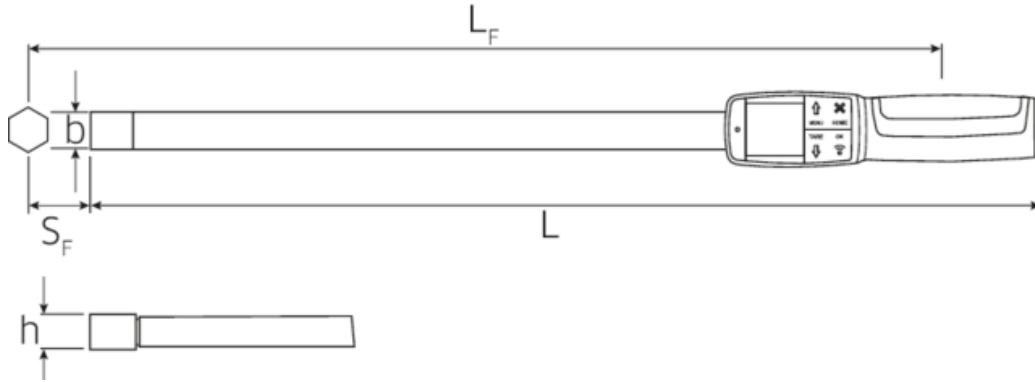
Three function modes: first peak, peak (indicating mode) and track (indicating mode).



HD-Display.

High-denition colour display providing a reading angle up to 170° and with additional side-mounted indicator lamps. Yellow lamp: advance warning threshold reached green lamp: within the target range red lamp: reading is outside the tolerance range.

Technical Drawing.



Technical Attributes.

| | |
|---------------------------------------|----------------------|
| Akku-Typ | Micro-NiMH AAA, 1.2V |
| Battery type | Micro (AAA) 1,5V |
| Width mm (b) | 30,6 mm |
| Weight with box | 10400 g |
| Size | 80 |
| Size hexagon socket [internal square] | 22 x 28 mm |
| Height mm (h) | 25,6 mm |
| Length mm (L) | 1158 mm |
| LF | 1158 mm |
| Measuring range ft·lb | 60-600 ft·lb |
| Measuring range in·lb | 720-7200 in·lb |
| Measuring range N·m | 80-800 N·m |
| SF | 55 mm |

Logistics data.

| | |
|--|-------------------------|
| Length (IFS) | 1530 |
| Width (IFS) | 130 |
| Height (IFS) | 95 |
| Length (packed, mm) | 1530 |
| Width (packed, mm) | 130 |
| Height (packed, mm) | 95 |
| Volume (packed, mm) | 18.8955 dm ³ |
| Artikelnummer | 96500980 |
| Weight (gross, kg) | 10,400 |
| Weight PAP (kg) | 0,650 |
| Weight PVC (kg) | 0,000 |
| GTIN | 4018754222865 |
| Country of origin | GERMANY |
| Region of origin | Nordrhein-Westfalen |
| WEEE/Electrical Act | Großgeräte B2C |
| Customs tariff no. | 82041100 |
| Numbers of content units per order units | 1 |
| Weight | 4572 g |

Parts list.



59220003
Battery

51110057
USB cable

Variants.

| Artikelnummer | Article number (ERP) | Article description (Autom.) | GTIN |
|---------------|----------------------|---|---------------|
| 96500901 | 714/ 1 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 1-10N·m Output L. 226mm | 4018754222780 |
| 96500902 | 714/ 2 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 2-20N·m Output L. 226mm | 4018754222797 |
| 96500904 | 714/ 4 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 4-40N·m Output L. 252mm | 4018754222803 |
| 96500906 | 714/ 6 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 6-60N·m Output L. 393mm | 4018754222810 |
| 96500910 | 714/10 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 10-100N·m Output L. 466mm | 4018754222827 |
| 96500920 | 714/20 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 20-200N·m Output L. 547mm | 4018754222834 |
| 96500940 | 714/40 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 40-400N·m Output L. 687mm | 4018754222841 |
| 96500965 | 714/65 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 65-650N·m Output L. 890mm | 4018754222858 |
| 96500980 | 714/80 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 80-800N·m Output L. 1158mm | 4018754222865 |
| 96500100 | 714/100 | Tightening angle torque wrench MANOSKOP No. 714 Measuring-R. 100-1000N·m Output L. 1343mm | 4018754222773 |

GTIN-Code.



Accessories.



96521161
Interface adaptor set



52110061
Interface adaptor



52110220
Bluetooth modules for
torque wrench