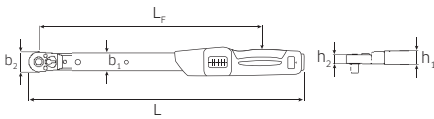


730NR

Service MANOSKOP® torque wrenches with permanently installed fine-tooth ratchet

QR

- in sturdy plastic box
- with QuickRelease safety lock



- deviation of indication $\pm 4\%$



| Code | size | | | | | Fine scale | " | b ₁ mm | b ₂ mm | h ₁ mm | h ₂ mm | L mm | L _F mm | ΔΔ g | ΔΔ g with box |
|----------|---------|------------|--------------|--------|-----------|------------|-----|----------------------|----------------------|----------------------|----------------------|---------|----------------------|---------|------------------|
| 96502105 | 5QR FK | 10-50 N·m | 7-37 ft·lb | 5 N·m | 1 ft·lb | 0.25 N·m | 3/8 | 28 | 29 | 23 | 14.5 | 372.5 | 291 | 961 | 1386 |
| 96502110 | 10QR FK | 20-100 N·m | 15-75 ft·lb | 10 N·m | 2.5 ft·lb | 0.5 N·m | 1/2 | 28 | 29 | 23 | 14.5 | 428.5 | 346.5 | 1129 | 1554 |
| 96502120 | 20QR FK | 40-200 N·m | 30-150 ft·lb | 10 N·m | 5 ft·lb | 1 N·m | 1/2 | 28 | 41 | 23 | 18 | 526 | 438.5 | 1589 | 2014 |

Service MANOSKOP® 730 Fix

- for daily use in series production
- the setting knob can be unscrewed after the target has been set - making inadvertent changes to the settings impossible
- the TORX® TAMPER-RESISTANT locking screw

supplied with the tool also protects against unwanted manipulation the adhesive seals supplied offer a further level of security. It is not possible to adjust the setting without breaking the seal

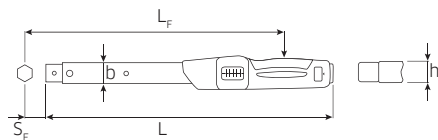
730 Fix

Service MANOSKOP® torque wrenches with mount for insert tools

- click-type
- the measuring element is only under load while force is being applied, no need for manual reset to zero
- mount for interchangeable insert tools
- QuickRelease safety lock
- fast, accurate setting thanks to QuickSelect quick-action adjuster
- dual stop signal
- easy-to-read double scale with colour coding to differentiate between N·m/ft·lb and ft·lb/in·lb scales
- can be applied for either clockwise or anticlockwise tightening by turning the inserts over

223-229

- any force applied to the tool after the 'click' or applied in the opposite direction to the current function - e.g. forcible loosening of a jammed screw - does not act on the trigger mechanism and cannot cause damage to it
- two-component handle with ergonomically designed green softer layers (resistant to oils, grease, fuels, brake fluids and skydrol)
- calibration using perfectControl® calibrating unit No 7794 or calibration system No 7706. Readjustment does not require disassembly
- certificate in accordance with DIN EN ISO 6789-2:2017
- registered design
- in sturdy plastic box (size 80-100 in steel box)
- display deviation value $\pm 3\%$



| Code | size | | | | | Fine scale | | b mm | h mm | L mm | L _F mm | S _F mm | ΔΔ g | ΔΔ g with box |
|----------|-------|----------------|----------------|-----------|-----------|------------|-------|---------|---------|---------|----------------------|----------------------|---------|------------------|
| 96503005 | 5 | 10-50 N·m | 7-37 ft·lb | 5 N·m | 1 ft·lb | 0.25 N·m | 9x12 | 28 | 23 | 330 | 280.5 | 17.5 | 828 | 1632 |
| 96503010 | 10 | 20-100 N·m | 15-75 ft·lb | 10 N·m | 2.5 ft·lb | 0.5 N·m | 9x12 | 28 | 23 | 386 | 336 | 17.5 | 986 | 1788 |
| 96503012 | 12 | 25-130 N·m | 20-95 ft·lb | 10 N·m | 2.5 ft·lb | 0.5 N·m | 14x18 | 28 | 23 | 421 | 379 | 25 | 1124 | 1928 |
| 96503020 | 20 | 40-200 N·m | 30-150 ft·lb | 10 N·m | 5 ft·lb | 1 N·m | 14x18 | 28 | 23 | 467 | 424.5 | 25 | 1266 | 1890 |
| 96503040 | 40 | 80-400 N·m | 60-300 ft·lb | 20 N·m | 10 ft·lb | 2 N·m | 14x18 | 28 | 23 | 607 | 564.5 | 25 | 1666 | 2444 |
| 96503065 | 65* | 130-650 N·m | 100-480 ft·lb | 50 N·m | 20 ft·lb | 2.5 N·m | 14x18 | 30.6 | 25.6 | 890 | 848 | 25 | 3242 | 6500 |
| 96503465 | II/65 | 130-650 N·m | 100-480 ft·lb | 50 N·m | 20 ft·lb | 2.5 N·m | 22x28 | 30.6 | 25.6 | 911 | 900 | 55 | 3490 | 7000 |
| 96503080 | 80 | 160-800 N·m | 120-600 ft·lb | 100 N·m | 25 ft·lb | 5 N·m | 22x28 | 30.6 | 25.6 | 1178 | 1167 | 55 | 4794 | 10500 |
| 96503100 | 100 | 200-1000 N·m | 150-750 ft·lb | 100 N·m | 25 ft·lb | 5 N·m | 22x28 | 30.6 | 25.6 | 1363 | 1352 | 55 | 5196 | 11000 |
| 96583005 | a/5 | 90-450 in·lb | 7-37 ft·lb | 50 in·lb | 1 ft·lb | 2.5 in·lb | 9x12 | 28 | 23 | 330 | 280.5 | 17.5 | 832 | 1638 |
| 96583010 | a/10 | 180-900 in·lb | 15-75 ft·lb | 100 in·lb | 2.5 ft·lb | 5 in·lb | 9x12 | 28 | 23 | 386 | 336 | 17.5 | 988 | 1790 |
| 96583020 | a/20 | 350-1800 in·lb | 30-150 ft·lb | 100 in·lb | 5 ft·lb | 10 in·lb | 14x18 | 28 | 23 | 467 | 424.5 | 25 | 1066 | 2072 |
| 96583040 | a/40 | 60-300 ft·lb | 800-3600 in·lb | 20 ft·lb | 100 in·lb | 2 ft·lb | 14x18 | 28 | 23 | 607 | 564.5 | 25 | 1670 | 2614 |

* recommended ratchet insert tool No 735/40HD

TRIPLE SAFETY.

The setting knob can be unscrewed after the target has been set - making inadvertent changes to the settings impossible.



The TORX® TAMPER-RESISTANT locking screw supplied with the tool also protects against unwanted manipulation.



The adhesive seals supplied offer a further level of security. It is not possible to adjust the setting without breaking the seal.



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