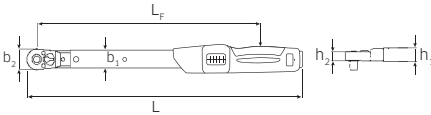


## 730NR Service MANOSKOP® torque wrenches with permanently installed fine-tooth ratchet

- in sturdy plastic box
- with QuickRelease safety lock
- deviation of indication  $\pm 4\%$



| Code               | size           |            |              |        |           | Fine scale<br> | "   | b <sub>1</sub><br>mm | b <sub>2</sub><br>mm | h <sub>1</sub><br>mm | h <sub>2</sub><br>mm | L<br>mm | L <sub>F</sub><br>mm | $\Delta$ g | $\Delta$ g with box |
|--------------------|----------------|------------|--------------|--------|-----------|----------------|-----|----------------------|----------------------|----------------------|----------------------|---------|----------------------|------------|---------------------|
| <b>96 50 21 05</b> | <b>5QR FK</b>  | 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                |
| <b>96 50 21 10</b> | <b>10QR FK</b> | 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                |
| <b>96 50 21 20</b> | <b>20QR FK</b> | 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

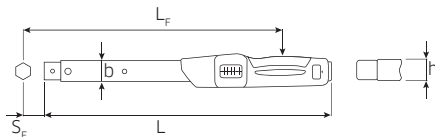
supplied with the tool also protects against unwanted manipulation the adhesive seals supplied offer a further level of security. It is not possible to adjust the setting without breaking the seal

## 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<br> | mm    | b<br>mm | h<br>mm | L<br>mm | L <sub>F</sub><br>mm | S <sub>F</sub><br>mm | $\Delta$ g | $\Delta$ g with box |
|--------------------|--------------|----------------|----------------|-----------|-----------|----------------|-------|---------|---------|---------|----------------------|----------------------|------------|---------------------|
| <b>96 50 30 05</b> | <b>5</b>     | 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                |
| <b>96 50 30 10</b> | <b>10</b>    | 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                |
| <b>96 50 30 12</b> | <b>12</b>    | 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                |
| <b>96 50 30 20</b> | <b>20</b>    | 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                |
| <b>96 50 30 40</b> | <b>40</b>    | 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                |
| <b>96 50 30 65</b> | <b>65*</b>   | 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                |
| <b>96 50 34 65</b> | <b>II/65</b> | 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                |
| <b>96 50 30 80</b> | <b>80</b>    | 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               |
| <b>96 50 31 00</b> | <b>100</b>   | 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               |
| <b>96 58 30 05</b> | <b>a/5</b>   | 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                |
| <b>96 58 30 10</b> | <b>a/10</b>  | 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                |
| <b>96 58 30 20</b> | <b>a/20</b>  | 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                |
| <b>96 58 30 40</b> | <b>a/40</b>  | 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.

