

Direct Indicating Torque Wrench – IDW



Industrial Dial Wrench

Sturtevant Richmond's Industrial Dial Wrench is precise, reliable, durable, easy to read and self-explanatory to learn. You can immediately see and feel the difference from the previous 'MD' series. Apart from external changes to the previous oxide powder coating and chrome plated steel on the predecessor, some square drive sizes have also been changed to improve structural integrity.

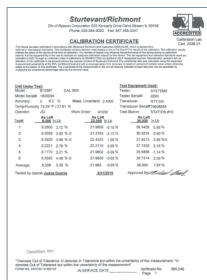
High-precision assembly operations, fastener testing (in-process/final/receiving) operations where prevailing-torque nuts are used, and auditing of fastener or assembly torque are all tightening cases where the new IDW Series will make a difference.

On the 1/4", 3/8" and 1/2" models, a neoprene rubber grip provides comfort and good hand support for maximum accuracy. On the 3/4"

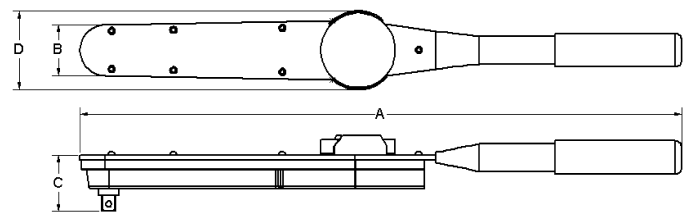
and 1" models, a specially designed extension is included. This offers both an ergonomic advantage of increased lever length and shorter disassembled dimensions for space-saving storage and movement.

NOTE: Torque output on a dial wrench is NOT impacted by use of the handle. However, the addition of a crowfoot adapter does change the tool output and must be considered in the torque equation to ensure accuracy.

- ▶ Accuracy of ± 3% Indicated Value from 20% to 100% of capacity.
- ▶ Meets or exceeds **ASME B107.300-2010** and **EN ISO 6789**.
- ▶ Bi-directional CW & CCW.
- ▶ Oversized dial is extremely easy to read and helps to eliminate parallax error.
- ▶ Memory indicator records peak value.
- ▶ NIST-traceable certification of calibration and rugged, blow molded, storage case included.



ISO/IEC 17025
 Calibration Certificate
 included.



| IDW | | | | | | | | | | Accuracy ±3% | |
|-------------|----------|----------------|-----------|------------|------------|--------|--------|-------|------------|--------------|--|
| Model | Item No. | Torque Range * | | | Graduation | | | SqDrv | Length (A) | Weight | |
| | | N-m | lbf-in | lbf-ft | N-m | lbf-in | lbf-ft | inch | mm | kg | |
| IDW-6 Nm | R815720 | 1.2 - 6 | – | – | 0.25 | – | – | 1/4 | 260 | 0,5 | |
| IDW-15 Nm | R815707 | 3 - 15 | – | – | 0.25 | – | – | 3/8 | 260 | 0,5 | |
| IDW-35 Nm | R815708 | 7 - 35 | – | – | 0.5 | – | – | 3/8 | 260 | 0,5 | |
| IDW-70 Nm | R815709 | 14 - 70 | – | – | 1 | – | – | 3/8 | 311 | 0,6 | |
| IDW-200 Nm | R815710 | 40 - 200 | – | – | 2.5 | – | – | 1/2 | 527 | 1,3 | |
| IDW-350 Nm | R815711 | 70 - 350 | – | – | 5 | – | – | 1/2 | 527 | 1,3 | |
| IDW-800 Nm | R815712 | 160 - 800 | – | – | 10 | – | – | 3/4 | 1181 | 3,4 | |
| IDW-1300 Nm | R815723 | 260 - 1300 | – | – | 25 | – | – | 1 | 1816 | 7,7 | |
| IDW-30 I | R815700 | – | 6 - 30 | – | – | 1 | – | 1/4 | 260 | 0,5 | |
| IDW-50 I | R815719 | – | 10 - 50 | – | – | 2 | – | 1/4 | 260 | 0,5 | |
| IDW-150 I | R815701 | – | 30 - 150 | – | – | 5 | – | 3/8 | 260 | 0,5 | |
| IDW-300 I | R815702 | – | 60 - 300 | – | – | 5 | – | 3/8 | 260 | 0,5 | |
| IDW-600 I | R815703 | – | 120 - 600 | – | – | 10 | – | 3/8 | 311 | 0,6 | |
| IDW-150 | R815704 | – | – | 30 - 150 | – | – | 2 | 1/2 | 527 | 1,3 | |
| IDW-250 | R815705 | – | – | 50 - 250 | – | – | 5 | 1/2 | 527 | 1,3 | |
| IDW-600 | R815706 | – | – | 120 - 600 | – | – | 10 | 3/4 | 1181 | 3,4 | |
| IDW-1000 | R815722 | – | – | 200 - 1000 | – | – | 20 | 1 | 1816 | 7,7 | |

* It is recommended to primarily use in medium performance range (approx. 1/3 to 4/5 of rated capacity). If users would mainly work close to the capacity limit, a larger model may be more recommendable.



Further info on our website.
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