

Dial 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.

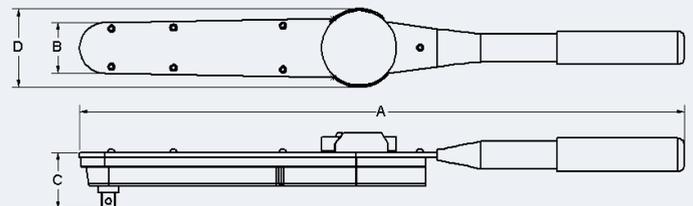
On the 1/4", 3/8" and 1/2" models, a neoprene rubber grip provides comfort and good hand support for maximum accuracy.

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 lever length and must be considered in the torque equation to ensure 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.

- ▶ Accuracy of $\pm 3\%$ 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.



IDW		Torque Range*						Accuracy $\pm 3\%$		
Model	Item No.	Torque Range*			Graduation			SqD	Length	Weight
		N-m	lbf-in	lbf-ft	N-m	lbf-in	lbf-ft	inch	mm	kg
IDW-6 Nm	R 815720	1.2 - 6	–	–	0.25	–	–	1/4	260	0,5
IDW-15 Nm	R 815707	3 - 15	–	–	0.25	–	–	3/8	260	0,5
IDW-35 Nm	R 815708	7 - 35	–	–	0.5	–	–	3/8	260	0,5
IDW-70 Nm	R 815709	14 - 70	–	–	1	–	–	3/8	311	0,6
IDW-200 Nm	R 815710	40 - 200	–	–	2.5	–	–	1/2	527	1,3
IDW-350 Nm	R 815711	70 - 350	–	–	5	–	–	1/2	527	1,3
IDW-800 Nm	R 815712	160 - 800	–	–	10	–	–	3/4	1181	3,4
IDW-1300 Nm	R 815723	260 - 1300	–	–	25	–	–	1	1816	7,7
IDW-30i	R 815700	–	6 - 30	–	–	1	–	1/4	260	0,5
IDW-50i	R 815719	–	10 - 50	–	–	2	–	1/4	260	0,5
IDW-150i	R 815701	–	30 - 150	–	–	5	–	3/8	260	0,5
IDW-300i	R 815702	–	60 - 300	–	–	5	–	3/8	260	0,5
IDW-600i	R 815703	–	120 - 600	–	–	10	–	3/8	311	0,6
IDW-150	R 815704	–	–	30 - 150	–	–	2	1/2	527	1,3
IDW-250	R 815705	–	–	50 - 250	–	–	5	1/2	527	1,3
IDW-600	R 815706	–	–	120 - 600	–	–	10	3/4	1181	3,4
IDW-1000	R 815722	–	–	200 - 1000	–	–	20	1	1816	7,7



Further info on our website. 24/7

* Table showing specifications by manufacturer. Usage in moderate performance range (approx. 1/3 to 4/5 of rated capacity) is recommended. If you regularly worked close to the limit of load (maximum capacity), a larger model or tool might be more advisable.

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