Direct Indicating Torque Wrench – M (Flat Beam)

Flat Beam Wrench with Memory Pointer

The four most important requirements of a torque wrench, accuracy, reliability, durability, and low ownership cost, are combined into these exceptional tools. Accuracy is literally ground into the wrench.

The special alloy steel beam is ground to a rate of deflection with the use of dead weights, rather than a dimensional tolerance. This process is time consuming and very labor intensive, but the result is a tool that remains accurate as long as the beam is intact and the pointer is on zero under no-load condition.

The flat shape of the beam insures the wrench remains at a right angle to the fastener, reducing or eliminating side-loading error. This unique taper-grinding distributes stress evenly along the entire length of the beam, extending tool life indefinitely.

With a minimum of moving parts, these tools are virtually repair and maintenance free.

For most models of this series 'M' a NATO approval (NSN) is available. **INFO**

▶ Bi-directional accuracy of ± 2% i.V. from 20% to 100% of rated capacity.

▶ Meets or exceeds requirements of ASME B107.300-2010 and EN ISO 6789.

▶ Ideal for prevailing-torque and destructive testing applications.

▶ Memory pointers indicate peak torque.

▶ Low mass/low inertia design of pointers helps eliminate reading distortion.

▶ Pivoted handle concentrates load at a precise lever to assure torque accuracy.

▶ Includes FREE certificate of calibration from SR's ISO/IEC 17025 Accredited Calibration Laboratory!

Flat Beam Series M — Accuracy ±2%

Model	Item No.	Torque Range *				Graduation				SqD inch	Grip	L mm	Weight kg
		cN·m	N·m	lbf·in	lbf·ft	cN·m	N·m	lbf·in	lbf·ft				
M-110 cNm	R 855276	11 - 110	–	–	–	5	–	–	–	1/4	K	152	0.11
M-2.5 Nm	R 855281	–	0.25 - 2.5	–	–	–	0.1	–	–	3/8	K	159	0.16
M-5 Nm	R 855282	–	0.5 - 5	–	–	–	0.2	–	–	3/8	K	152	0.16
M-12 Nm	R 855283	–	1.2 - 12	–	–	–	0.5	–	–	K	B	165	0.17
M-22 Nm	R 855284	–	2.2 - 22	–	–	–	1	–	–	3/8	B	229	0.23
M-34 Nm	R 855285	–	3.4 - 34	–	–	–	1	–	–	3/8	B	343	1.2
M-70 Nm	R 855287	–	7 - 70	–	–	–	2	–	–	3/8	B	343	1.2
M-70 Nm - 1/2	R 855288	–	7 - 70	–	–	–	2	–	–	1/2	B	343	1.2
M-140 Nm	R 855289	–	14 - 140	–	–	–	5	–	–	1/2	B	381	1.3
M-210 Nm	R 855290	–	21 - 210	–	–	–	10	–	–	1/2	B	457	1.7
M-410 Nm	R 855292	–	41 - 410	–	–	–	10	–	–	3/4	B	762	4.9
M-10i	R 850188	–	–	1 - 10	–	–	–	0.5	–	1/4	K	152	0.11
M-25i	R 850222	–	–	2.5 - 25	–	–	–	1	–	3/8	K	159	0.16
M-50i	R 850242	–	–	5 - 50	–	–	–	2	–	3/8	K	152	0.16
M-100i	R 850191	–	–	10 - 100	–	–	–	5	–	3/8	K	165	0.17
M-200i	R 850211	–	–	20 - 200	–	–	–	10	–	3/8	B	229	0.23
M-300i	R 850228	–	–	30 - 300	–	–	–	10	–	3/8	B	343	1.2
M-600i	R 850246	–	–	60 - 600	–	–	–	25	–	3/8	B	343	1.2
M-600i - 1/2	R 850247	–	–	60 - 600	–	–	–	25	–	1/2	B	343	1.2
M-1200i	R 850195	–	–	120 - 1200	–	–	–	50	–	1/2	B	381	1.3
M-1800i	R 850205	–	–	180 - 1800	–	–	–	50	–	1/2	B	457	1.7
M-25	R 850220	–	–	–	2.5 - 25	–	–	–	1	3/8	B	343	1.2
M-50	R 850240	–	–	–	5 - 50	–	–	–	2	3/8	B	343	1.2
M-50 - 1/2	R 850241	–	–	–	5 - 50	–	–	–	2	1/2	B	343	1.2
M-100	R 850190	–	–	–	10 - 100	–	–	–	5	1/2	B	381	1.3
M-150	R 850198	–	–	–	15 - 150	–	–	–	5	1/2	B	457	1.7
M-300	R 850227	–	–	–	30 - 300	–	–	–	10	3/4	B	762	4.9

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* NOTE: The torque output of this series is not affected by the position of the hand. However, adding a crowfoot adapter changes the lever length of the tool and must be taken into account in the torque equation to ensure accuracy.

Further info on our website. 24/7