

# Torque Wrenches

## Click Type Micro-Adjustable



Bolting

### MICRO-ADJUSTABLE "CLICK TYPE" METAL HANDLE TORQUE WRENCHES

Use only with hand sockets. Accurate, ± 4% clockwise, ± 6% counterclockwise @ 20% of the scale. Easy to operate. Rugged. Durable. All parts made from alloy tool steel for long life accuracy. Accuracy meets or exceeds all applicable government specifications. Exposed scale. Positive lock with spring loaded pull down lock ring. Super rugged knurled metal for industrial use. Pull lock ring down and turn handle to adjust reading. Positive locking device cannot be jarred into unlock position. All wrenches meet or exceed ASME B107.300, whichever applies. Ratchet head models are 24 tooth industrial grade ratchets designed for industrial use. Feature a push button socket "quick release" mechanism (except 6448, 8447 and 8448). All wrenches feature English scales primary and metric secondary. Micrometer "clicker" torque wrenches feature a distinct breaking action when the set torque is reached. The breaking action and clicking noise is greatest at the upper part of the scale. All wrenches will be shipped in fitted blow mold plastic storage boxes, except the 8447 and 8448, which will be shipped in a metal box. All wrenches include a "Certificate of Calibration."

PART NUMBER	DRIVE SIZE	TORQUE RANGE ENGLISH	INCR.	TORQUE RANGE METRIC	INCR. (NM)	HEAD STYLE	LENGTH INCHES	WT. LBS.	RATCHET REPAIR KIT #
<b>INCH POUNDS</b>									
2477	1/4"	20-150 in. lbs.	1	2.8-16.4	.12	Ratchet	10.15"	.90	61-100-8RKTONY
3478	3/8"	30-200 in. lbs.	1	3.9-22.0	.12	Ratchet	10.15"	.85	61-100-10RKTONY
3479	3/8"	150-1,000 in. lbs.	5	19.8-110.2	.6	Ratchet	15.75"	2.5	46-500-12RKTONY
4476	1/2"	700-1,600 in. lbs.	10	84.4-175.2	1.4	Ratchet	18"	3.0	96-500-8RKTONY
4479	1/2"	300-2,500 in. lbs.	10	39.6-276.8	1.4	Ratchet	18"	3.0	96-500-8RKTONY
<b>FOOT POUNDS</b>									
3447	3/8"	5-75 ft. lbs.	.5	10.2-98.3	.7	Ratchet	15.5"	2.5	46-500-12RKTONY
3477	3/8"	10-100 ft. lbs.	.5	16.9-132.2	.7	Ratchet	15.5"	2.5	46-500-12RKTONY
4477	1/2"	20-150 ft. lbs.	1	34-197	1.5	Ratchet	19"	3.15	96-500-8RKTONY
4478	1/2"	50-250 ft. lbs.	1	47-332	1.5	Ratchet	24.4"	3.15	96-500-8RKTONY
6448	3/4"	100-600 ft. lbs.	5	169-779	7	Ratchet	42"	17.0	9610-0112RK
8447	1"	200-1,000 ft. lbs.	5	305-1,320	7	Ratchet	70"	40.0	9610-0111RK
8448	1"	200-1,000 ft. lbs.	5	305-1,320	7	Fixed Head Non-Ratcheting	69"	24.5	N/A
8449	1"	300-2,000 ft. lbs.	10	480-2,700	13.5	Fixed Head Non-Ratcheting	108-1/2"	48.75	N/A

Contact customer service at (800) 321-2902 for Torque Wrench repair kits.



4476, 4479, 4477, 4478, 8448



2477, 3478



3447, 3477, 3479



8448



8447



8449



# Torque Wrenches

## Dial Type



### DIAL TYPE TORQUE WRENCHES

All dial torque wrenches are "State-of-the-Art" torque wrenches. Exclusive torsion beam design provides long life and accuracy. Exclusive bi-polar dual scales, English and Metric, permits accurate reading of both scales, with follower needle. Equally accurate in both left and right hand direction. Torsion drive design. Large easy-to-read dial. User assured of long life and reliability. Accurate, ± 4% both ways at 20-100% of full scale. Meets and/or exceeds requirements of ASME B107.300. Calibration traceable to National Institute of Standards and Technology (NIST). All wrenches shipped in plastic storage box or metal case (except 2,000 ft. lbs.), which will be shipped in a cardboard carton. Follower Needle. All wrenches include a "Certificate of Calibration."

PART NUMBER	DRIVE	TORQUE RANGE ENGLISH	GRADS. ENGLISH	TORQUE RANGE METRIC	GRADS. METRIC	LENGTH	NUMBER OF EXT. HANDLES	WT. LBS.
<b>INCH POUNDS</b>								
2470	1/4"	0-30 in. lbs.	.5 in. lbs.	0-3.5 Nm	.1 Nm	10"	—	1
2471	1/4"	0-75 in. lbs.	1 in. lbs.	0-9 Nm	.2 Nm	10"	—	1
3470	3/8"	0-150 in. lbs.	2 in. lbs.	0-18 Nm	.5 Nm	10"	—	1
3471	3/8"	0-250 in. lbs.	5 in. lbs.	0-30 Nm	.5 Nm	10"	—	1
3472	3/8"	0-600 in. lbs.	10 in. lbs.	0-70 Nm	2 Nm	14-7/8"	—	1-3/4
<b>FOOT POUNDS</b>								
3473	3/8"	0-50 ft. lbs.	1 ft. lbs.	0-70 Nm	2 Nm	14-7/8"	—	1-3/4
4470	1/2"	0-175 ft. lbs.	5 ft. lbs.	0-240 Nm	5 Nm	21-1/2"	—	2-3/4
4471	1/2"	0-250 ft. lbs.	5 ft. lbs.	0-350 Nm	10 Nm	21-1/2"	—	2-3/4
6471	3/4"	0-350 ft. lbs.	10 ft. lbs.	0-480 Nm	10 Nm	27-7/8"	—	5-3/4
6470	3/4"	0-600 ft. lbs.	10 ft. lbs.	0-800 Nm	20 Nm	46-1/2"	1	9-1/4
8470	1"	0-1,000 ft. lbs.	20 ft. lbs.	0-1,400 Nm	25 Nm	74"	1	18-1/2



3472



6470