



## Micro-Adjustable “Click Type” Metal Handle Torque Wrenches

- Rugged.
- Accurate,  $\pm 4\%$  clockwise,  $\pm 6\%$  counterclockwise @ 20% of the scale.
- Easy to operate.
- 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 ANSI B 107.14M or GGG-S-686, 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 Newton meter 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.”



4476, 4479, 4477, 4478, 6448



3447, 3477, 3479



2477, 3478





8447



8448



8449



Part No.	Drive Size	Torque Range English	Incr.	Torque Range Metric	Incr. (Nm)	Head Style	Length Inches	Wt. Lbs.
<b>Inch Pound</b>								
2477	1/4"	20-150 in. lb.	1	2.8-16.4	.1	Ratchet	10.15"	.90
3478	3/8"	30-200 in. lb.	1	3.9-22.0	.1	Ratchet	10.15"	.85
3479	3/8"	150-1000 in. lb.	5	19.8-110.2	.6	Ratchet	15.75"	2.5
4476	1/2"	700-1600 in. lb.	10	84.4-175.2	1.2	Ratchet	18"	3.0
4479	1/2"	300-2500 in. lb.	10	39.6-276.8	1.2	Ratchet	18"	3.0
<b>Foot Pound</b>								
3447	3/8"	5-75 ft. lb.	.5	10.2-98.3	.7	Ratchet	15.5"	2.5
3477	3/8"	10-100 ft. lb.	.5	16.9-132.2	.7	Ratchet	15.5"	2.5
4477	1/2"	20-150 ft. lb.	1	34-197	1.5	Ratchet	19"	3.15
4478	1/2"	30-250 ft. lb.	1	47-332	1.5	Ratchet	24.4"	3.15
6448	3/4"	100-600 ft. lb.	5	169-779	7	Ratchet	42"	8.95
8447	1"	200-1000 ft. lb.	5	305-1320	7	Ratchet	70"	40.0
8448	1"	200-1000 ft. lb.	5	305-1320	7	Fixed Head Non-Ratcheting	69"	24.5
8449	1"	300-2000 ft. lb.	10	480-2700	13.5	Fixed Head Non-Ratcheting	108-1/2"	48.75

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



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.