



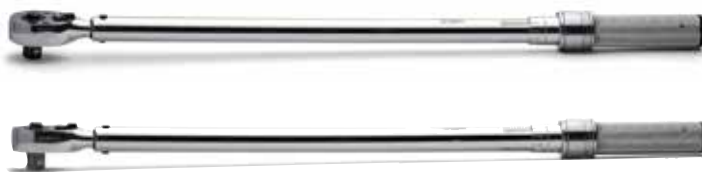
TORQUE WRENCHES



MICRO-ADJUSTABLE "CLICK TYPE" METAL HANDLE TORQUE WRENCHES

Precision instrument for precise tightening on installation applications. Accurate, $\pm 4\%$ clockwise, $\pm 6\%$ counterclockwise direction @ 20% to 100% of scale range. All parts made from alloy tool steel for long life accuracy and durability during industrial use. Pull down lock ring, rotate grip to desired torque setting and release lock ring for positive locking position. During use, a distinct "breaking" action and clicking noise occurs when the set torque has been realized. Dual scale – English and metric. Easy to read, laser marked scales. Handles are lightly knurled for a positive, non-slip grip. Ratchet head models are 24 tooth industrial grade ratchets. Each torque wrench has its own serial number and "Certificate of Calibration" traceable to N.I.S.T. Meets or exceeds ASME B107.300 Torque Instrument standard. Torque wrenches stored in a black blow molded plastic box except 8447, 8448 are in a red metal box and 8449 is in a cardboard box. 8447 and 8448 each have 1 extension and 8449 has 2 extensions. Extensions must be used for correct torquing.

PART NUMBER	DRIVE SIZE [INCH]	ACCURATE TORQUE RANGE		UOM	INCR.	ACCURATE TORQUE RANGE		UOM	INCR.	HEAD STYLE	A LENGTH [INCH]	B WORKING END WIDTH [INCH]	C WORKING END THICKNESS [INCH]	D WIDTH ACROSS KNOB [INCH]	PART WT. [LBS.]	SHIP WT. [LBS.]
		ENGLISH	METRIC			METRIC										
		INCH POUNDS														
2477	1/4	30-150	in-lbs	1	3.40-16.90	N.m	0.11	Ratchet	10	1.06	0.93	1.06	0.87	1.50		
3478	3/8	40-200	in-lbs	1	4.50-22.60	N.m	0.11	Ratchet	10	1.06	0.93	1.06	0.89	1.50		
3479	3/8	200-1,000	in-lbs	5	22.60-113	N.m	0.60	Ratchet	15.5	1.43	1.20	1.40	2.50	3.40		
4476	1/2	700-1,600	in-lbs	10	79.10-180.80	N.m	1.10	Ratchet	19	1.70	1.40	1.40	3.15	4.50		
4479	1/2	500-2,500	in-lbs	10	56.50-282.50	N.m	1.10	Ratchet	19.25	1.70	1.40	1.40	3.15	4.50		
FOOT POUNDS																
3447	3/8	15-75	ft-lbs	0.5	20.30-101.70	N.m	0.70	Ratchet	15.5	1.43	1.20	1.40	2.50	3.40		
3477	3/8	20-100	ft-lbs	0.5	27.10-135.60	N.m	0.70	Ratchet	15.5	1.43	1.20	1.40	2.50	3.40		
4477	1/2	30-150	ft-lbs	1	40.70-203.40	N.m	1.30	Ratchet	19	1.70	1.40	1.40	3.15	4.50		
4478	1/2	50-250	ft-lbs	1	67.80-339	N.m	1.30	Ratchet	24	1.70	1.40	1.40	3.75	5.14		
6448	3/4	120-600	ft-lbs	5	163-813	N.m	6.80	Ratchet	41	2.50	2	1.40	11.75	17.60		
8447	1	200-1,000	ft-lbs	5	271-1,356	N.m	7	Ratchet	70	3	3	1.50	26.25	42.50		
8448	1	200-1,000	ft-lbs	5	371-1,356	N.m	7	Fixed Head	70	3	3	1.50	23.10	39.40		
8449	1	400-2,000	ft-lbs	10	N/A		N/A	Fixed Head	108	4	4.25	2.20	52.50	56.60		



REPAIR KITS

61-100-8RKTONY	Ratchet head repair kit for 2477
46-500-12RKTONY	Ratchet head repair kit for 3447, 3477, 3479
61-100-10RKTONY	Ratchet head repair kit for 3478
96-500-8RKTONY	Ratchet head repair kit for 4476, 4477, 4478, 4479
9610-0112RK	Ratchet head repair kit for 6448
9610-0111RK	Ratchet head repair kit for 8447

