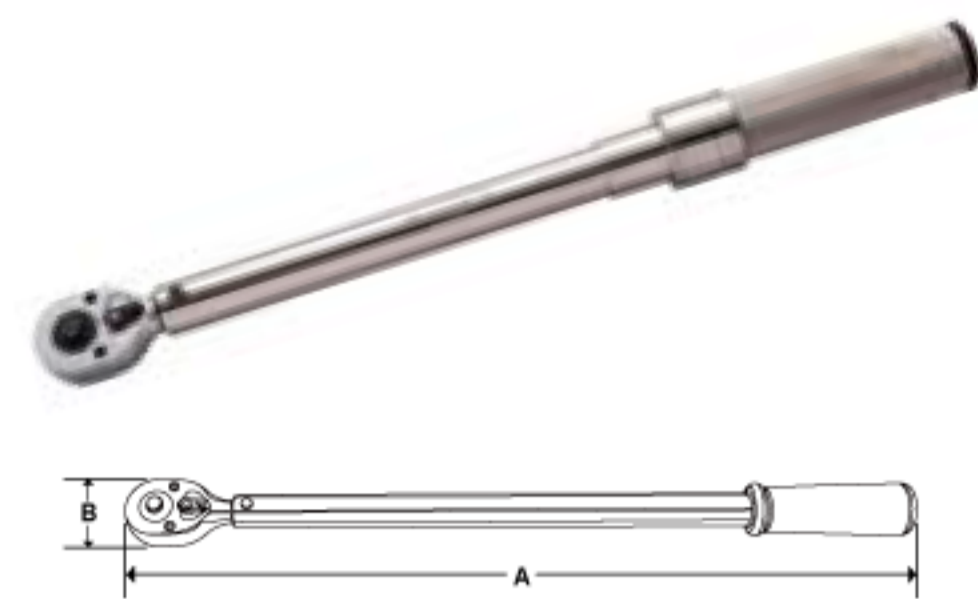
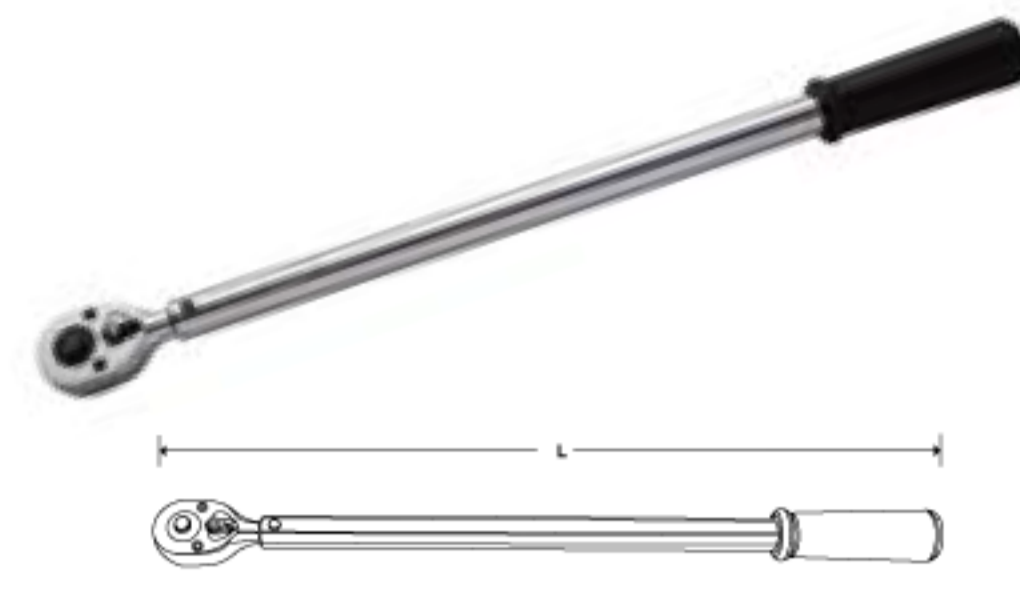


Adjustable Click Type Torque Wrench



Pre-set Click Type Torque Wrench, Ratcheting



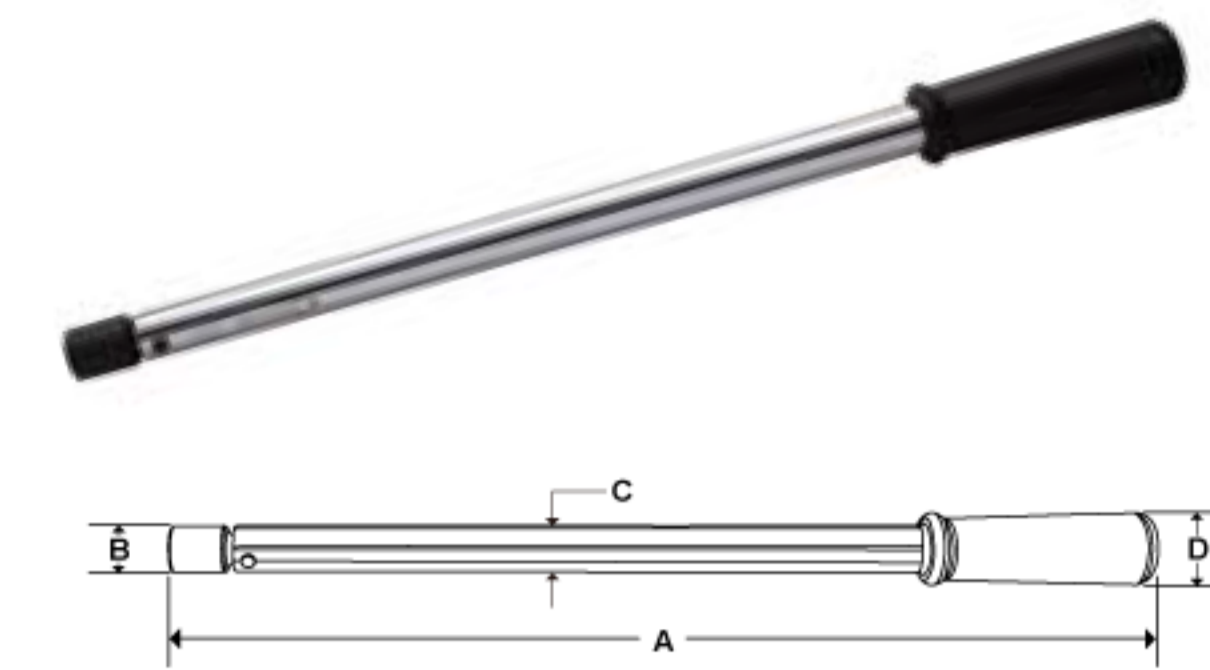
Stock No.	Square Drive (inches)	Range (Nm)	Range (Ft.Lb)	Increment (Nm)	A (mm)	B (mm)	Weight (g)	Order No.
BP501NMRMH	1/4	1.0-5.0	1-4	0.06	258	27	386	203001
BP2502NMRMH	3/8	4.0-27.7	3-20	0.12	286	27	431	203002
BP602NMRMH	3/8	10-60	8-45	0.5	406	36	1,134	203003
BP1002NMRMH	3/8	20-100	15-75	0.5	406	36	1,134	203004
BP2003NMRMH	1/2	40-200	30-150	2	483	43	1,474	203005
BP3403NMRMH	1/2	60-340	45-250	2	620	43	1,542	203006
BP8004NMRMH	3/4	150-800	110-600	5	1,067	64	5,375	203007
BP15005NMRMH	1	300-1500	220-1100	10	1,778	76	11,385	203008

- Dual scale, calibrated dual direction
- Positive lock with spring loaded pull down lock ring
- Fast, accurate and easy to set
- Easy-to-read laser marked scales
- Most feature quick release buttons which provide good socket retention as well as easy socket removal
- Accuracy: ± 3% CW ± 4% CCW of indicated value, CW, from 20% to 100% of full scale
- Meets or exceeds ASME B107.14-2004, ISO 6789 standards
- Individually serialized with matching certificate of calibration traceable to N.I.S.T.

Stock No.	Square Drive (inches)	Range (Nm)	Range (Ft.Lb.)	Range (In.Lb.)	Range (MKg)	Length (mm)	Weight (g)	Order No.
BP5T-1R	1/4	2-7	1-5	12-60	0.10-0.70	165	227	204001
BP10T-2R	3/8	4-12	3-9	36-108	0.42-1.24	184	397	204002
BP50T-2R	3/8	13-67	10-50	120-600	1.25-7.00	292	680	204003
BP100T-3R	1/2	60-200	45-150	540-1800	6.00-20.00	502	1,247	204004
BP200T-3R	1/2	60-270	45-200	540-2400	6.00-27.00	603	1,361	204005
BP300T-4R	3/4	140-420	100-300	1200-3600	14.00-42.00	711	2,155	204006
BP600T-4R	3/4	280-830	200-600	2400-7200	28.00-83.00	1,321	5,443	204007

- Torques in both left and right hand directions
- Accuracy: ± 3% CW ± 4% CCW of indicated value
- Automatic re-set when force on handle is released
- Torque limiting positive sensory "click" when pre-set
- Smooth knurled steel hand hold for comfortable, safe grip
- Handle length proportioned to torque range of wrench for minimum user fatigue
- Tamper proof torque setting for production line use
- Torque values can be calibrated in English and Metric settings
- All parts are made of alloy steel for maximum life and calibration retention
- Square drives meet industrial requirements and government specifications

Pre-set Click Type Torque Wrench, Interchangeable Head



Stock No.	Shank Size	English Range	Range (Nm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight (g)	Order No.
BP5T-I	J	10-50 in.lb.	1.1-5.6	165	16	15	25	159	204008
BP10T-I	J	50-250 in.lb.	5.6-28	254	16	15	25	249	204009
BP105T-I	J	60-300 in.lb.	6.8-34	157	17	22	36	340	204010
BP50T-I	J	15-75 ft.lb.	20-102	279	17	22	36	635	204011
BP100T-I	Y	30-150 ft.lb.	41-203	495	24	22	36	1,043	204012
BP200T-I	Y	40-200 ft.lb.	54-271	597	24	22	36	1,179	204013
BP300T-I	X	100-300 ft.lb.	135-406	704	28	25	36	1,769	204014
BP600T-I*	Z	120-600 ft.lb.	162-814	1,397	38	32	32	4,740	204015

- Eight models available with torque ranges from 10 in. lb. to 600 ft. lb.
- Featuring a durable, non-slip cushion grip
- Uses universal round shank heads
- Audible click and feel impulse torque control mechanism
- Tamper proof torque setting for production line use
- Torque values can be calibrated in english or metric setting
- Accuracy: ± 4% of indicated value, from 20% to 100% of full scale
- Meets or exceeds ASME B107.14-2004, ISO 6789
- Calibration certificate available at additional cost

Ratcheting Interchangeable Head



Center of fastener to retaining pin:
 * J Series - 2.50"
 * Y Series - 3.00"
 * X Series - 4.50"
 * Z Series - 5.75"

Allow use of torque wrench bodies with sockets, crowfoot wrenches, or other similar attachment.

Square Drive (inches)	Shank Size J	Shank Size Y	Shank Size X	Shank Size Z	Head O.D. (mm)	Depth (mm)	Ratchet Service Kit
1/4	QJD8A-72* (350)	—	—	—	3	3.5	RKRT936
3/8	QJD12A* (900)	QYD12A* (1,200)	—	—	17	4.4	RKRF936
1/2	QJD16A* (900)	QYD16A* (2,400)	QXD16A* (3,000)	—	17	4.4	RKRS936
3/4	—	—	QXD24A (3,600)	QZD24B (7,200)	20	4.4	RKRQC4
1	—	—	QXD32A (3,600)	QZD32B (7,200)	20	4.4	RKRQC5

* U.S. Patent 6,125,722 applies to these ratchet heads
 Value in parentheses in chart is the Maximum Recommended Working Torque, in. lb.

Open End Head, mm



Center of fastener to retaining pin:
 * J Series - 2.50"
 * Y Series - 3.00"
 * X Series - 4.50"
 * Z Series - 5.75"

Allow use of torque wrench bodies with sockets, crowfoot wrenches, or other similar attachment.

mm	Shank Size J	Shank Size Y	Shank Size X	Shank Size Z	Head O.D. (mm)	Head Depth (mm)	mm	Shank Size J	Shank Size Y	Shank Size X	Shank Size Z	Head O.D. (mm)	Head Depth (mm)
6	QJOM6A (60)	—	—	—	13.5	3.6	20	—	QYOM20A (1,925)	QXOM20A (1,925)	—	43.7	9.2
7	QJOM7A (75)	—	—	—	13.5	3.6	21	QJOM21A (900)	QYOM21A (2,160)	QXOM21A (2,160)	—	43.7	9.2
8	QJOM8A (120)	—	—	—	16.5	3.3	22	QJOM22A (900)	QYOM22A (2,400)	QXOM22A (2,470)	—	43.7	9.2
9	QJOM9A (170)	—	—	—	19.8	4.8	23	QJOM23A (900)	QYOM23A (2,400)	QXOM23A (2,745)	—	47	10
10	QJOM10A (265)	—	—	—	19.8	4.8	24	QJOM24A (900)	QYOM24A (2,400)	QXOM24A (2,970)	QZOM24A (2,970)	49	11
11	QJOM11A (400)	—	—	—	22.9	5.6	25	QJOM25A (900)	QYOM25A (2,400)	—	QZOM25A (3,295)	52	11
12	QJOM12A (430)	—	—	—	26.9	6.1	26	QJOM26A (900)	—	QXOM26A (3,570)	QZOM26A (3,570)	53	11
13	QJOM13A (495)	—	—	—	26.9	6.1	27	QJOM27A (900)	QYOM27A (2,400)	—	QZOM27A (3,825)	55	12
14	QJOM14A (665)	QYOM14A (665)	—	—	29.5	6.6	29	—	QYOM29A (2,400)	QXOM29A (3,600)	QZOM29A (4,550)	58	12
15	QJOM15A (885)	QYOM15A (885)	—	—	33.3	6.9	30	—	QYOM30A (2,400)	QXOM30A (3,600)	QZOM30A (4,950)	61	13
16	QJOM16A (900)	QYOM16A (1,060)	—	—	33.3	6.9	32	—	QYOM32A (2,400)	QXOM32A (3,600)	QZOM32A (5,755)	65	14
17	QJOM17A (900)	QYOM17A (1,235)	—	—	37.1	7.3	34	—	QYOM34A (2,400)	QXOM34A (3,600)	QZOM34A (6,595)	68	14
18	QJOM18A (900)	QYOM18A (1,375)	QXOM18A (1,375)	—	37.1	7.3	36	—	QYOM36A (2,400)	QXOM36A (3,600)	QZOM36A (7,200)	74	15
19	QJOM19A (900)	QYOM19A (1,650)	QXOM19A (1,650)	—	40.4	7.6							

* Value in parentheses is the Maximum Recommended Working Torque, in. lb.