



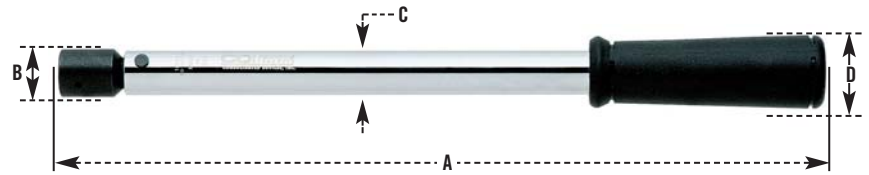
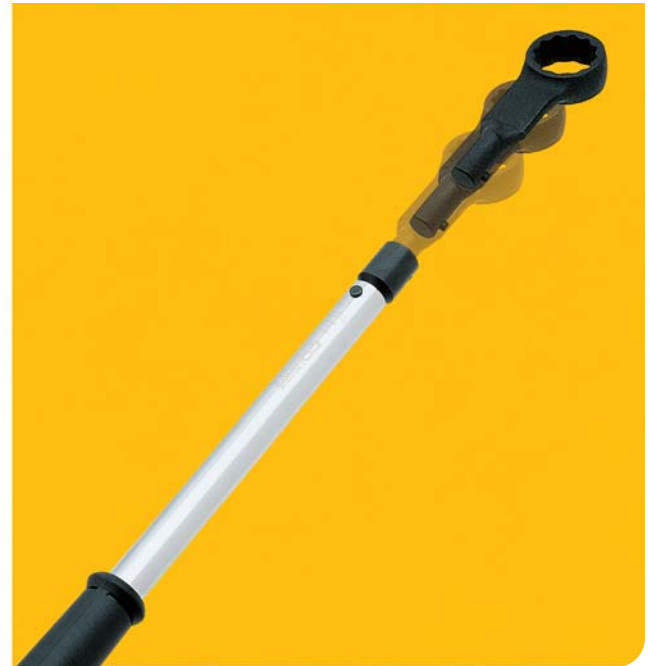
**TORQUE
WRENCHES**
Pre-Set Interchangeable

TORQUE WRENCHES Pre-Set

CDI Pre-Set torque wrenches are designed for use on production lines and other applications where a specific torque is required for repetitive operations. The design, fabrication and materials used have been developed in coordination with major manufacturers in actual production use.

FEATURES:

- Six models available with torque ranges from 10 in. lbs. to 1000 ft. lbs.
- 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: $\pm 3\%$ of indicated value, in direction of torque indicator, from 20% to 100% of full scale
- Meets or exceeds ASME B107.14M-1994, ISO 6789



Part Number	Torque Range English	Torque Range Newton Meter	Shank Size	A In. (mm)	B In. (mm)	C In. (mm)	D In. (mm)	Wt. Lbs. (Kg)
5T-I	10 - 50 in.lb.	1.1 - 5.6 Nm	J	6.5 (165)	0.63 (16)	0.61 (16)	1 (25)	0.35 (.13)
10T-I	50 - 250 in.lb.	5.6 - 28 Nm	J	10 (254)	0.63 (16)	0.61 (16)	1 (25)	0.55 (.21)
10ST-I	60 - 300 in. lb.	6.8 - 34 Nm	J	6.2 (158)	0.68 (17)	0.86 (22)	1.4 (36)	0.75 (.28)
50T-I	15 - 75 ft.lb.	20 - 102 Nm	J	11 (279)	0.68 (17)	0.86 (22)	1.4 (36)	1.4 (.52)
100T-I	30 - 150 ft.lb.	41 - 203 Nm	Y	19.5 (495)	0.94 (24)	0.86 (22)	1.4 (36)	2.3 (.86)
200T-I	40 - 200 ft.lb.	54 - 271 Nm	Y	23.5 (597)	0.94 (24)	0.86 (22)	1.4 (36)	2.6 (.97)
300T-I	60 - 300 ft.lb.	81 - 406 Nm	X	27.7 (704)	1.12 (28)	1 (25)	1.4 (36)	3.9 (1.45)
600T-I*	120 - 600 ft.lb.	162 - 814 Nm	Z	55 (1397)	1.5 (38)	1.25 (32)	1.25 (32)	10.45 (3.9)

* NOTE: No grip supplied. ** NOTE: "X" and "Z" shank ends available on special order only. Contact CDI Sales Department.

Hex key size for adjusting torque (not included):

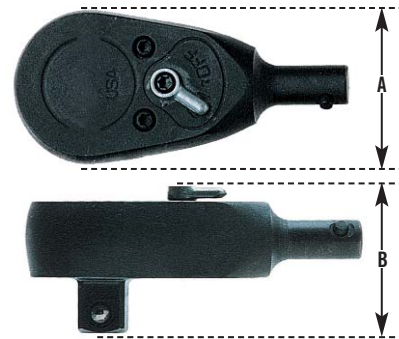
Hex Key:	Fits:
3/32"	5T-I
1/8"	10T-I, 50T-I, 100T 1, 200T-I, 300T-I
3/16"	600T-I

Accuracy: This style of wrench meets or exceeds ASME B107.14M - 1994, $\pm 3\%$ in direction of calibration. For the interchangeable head drives, please refer to pages 60 and 61.

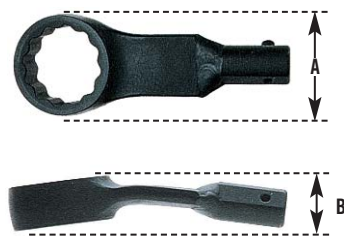
Interchangeable Head Drives for Pre-Sets

Ratchet Head Drive

Part Number	Drive Size	Shank Size	A In. (mm)	B In. (mm)	Repair Kit Part Number	Max Working Torque
QJD8	1/4"	J	0.86 (21.84)	0.86 (21.84)	RKRT936	350 in.lbs.
QJD12	3/8"	J	1.14 (28.96)	1.24 (31.5)	RKRF936	900 in.lbs.
QJD16	1/2"	J	1.64 (41.66)	1.56 (39.62)	RKRS936	900 in.lbs.
QYD16	1/2"	Y	1.64 (41.66)	1.56 (39.62)	RKRS936	200 ft.lbs.
QXD24	3/4"	X	2.48 (63.00)	2.18 (55.37)	RKRQC4	300 ft. lbs.
QZD24A	3/4"	Z	2.48 (63.00)	2.18 (55.37)	RKRQC4	600 ft.lbs.
QZD32A	1"	Z	3.12 (79.25)	2.64 (67.06)	RKRQC5	600 ft. lbs.



Shank Size Diameters
J = 0.425
Y = 0.560
X = 0.735
Z = 0.990



12-point Box Ends

Part Number	Opening Size	Shank Size	A In. (mm)	B In. (mm)	Max Working Torque
Fits: 5T-I, 10T-I and 50T-I					
QJX8	1/4"	J	0.28 (7.11)	0.19 (4.83)	220 in. lbs.
QJX12	3/8"	J	0.40 (10.16)	0.25 (6.35)	490 in. lbs.
QJX14	7/16"	J	0.66 (16.76)	0.31(7.87)	715 in. lbs.
QJX16	1/2"	J	0.75 (19.05)	0.34 (8.64)	900 in. lbs.
QJX18	9/16"	J	0.84 (21.34)	0.38 (9.65)	900 in. lbs.
QJX20	5/8"	J	0.94 (23.88)	0.41 (10.41)	900 in. lbs..
QJX22	11/16"	J	1.03 (26.16)	0.44 (11.18)	900 in. lbs..
QJX24	3/4"	J	1.13 (28.70)	0.47 (11.94)	900 in. lbs.
QJX26	13/16"	J	1.19 (30.23)	0.53 (13.46)	900 in. lbs.
QJX28	7/8"	J	1.19 (30.23)	0.53 (13.46)	900 in. lbs.
QJX30	15/16"	J	1.38 (35.05)	0.59 (15.00)	900 in. lbs.

12-point Box Ends

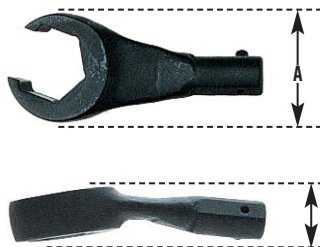
Fits: 100T-I and 200T-I

QYX16	1/2"	Y	0.75 (19.05)	0.34 (8.64)	1020 in. lbs.
QYX18	9/16"	Y	0.84 (21.34)	0.38 (9.65)	1340 in. lbs.
QYX20	5/8"	Y	0.94 (23.88)	0.41 (10.41)	2050 in. lbs.
QYX22	11/16"	Y	1.03 (26.16)	0.44 (11.18)	2400 in. lbs.
QYX24	3/4"	Y	1.13 (28.70)	0.47 (11.94)	2400 in. lbs.
QYX26	13/16"	Y	1.19 (30.23)	0.53 (13.46)	2400 in. lbs.
QYX28	7/8"	Y	1.19 (30.23)	0.53 (13.46)	2400 in. lbs.
QYX30	15/16"	Y	1.38 (35.05)	0.59 (15.00)	2400 in. lbs.
QYX32	1"	Y	1.47 (37.34)	0.66 (16.76)	2400 in. lbs.
QYX36	1-1/8"	Y	1.63 (41.40)	0.69 (17.53)	2400 in. lbs.
QYX38	1-3/16"	Y	1.75 (44.45)	0.75 (19.05)	2400 in. lbs.

12-point Box Ends - Metric

Fits: 5T-I, 10T-I and 50T-I

QJXM8	8MM	J	0.51 (13)	0.24 (6)	265 in. lbs.
QJXM9	9MM	J	0.55 (14)	0.24 (6)	355 in. lbs.
QJXM10	10MM	J	0.59 (15)	0.28 (7)	630 in. lbs.
QJXM11	11MM	J	0.67 (17)	0.31 (8)	710 in. lbs.
QJXM12	12MM	J	0.71 (18)	0.31 (8)	805 in. lbs.
QJXM13	13MM	J	0.78 (20)	0.35 (9)	900 in. lbs.
QJXM14	14MM	J	0.82 (21)	0.35 (9)	900 in. lbs.
QJXM15	15MM	J	0.87 (22)	0.39 (10)	900 in. lbs.
QJXM17	17MM	J	0.98 (25)	0.43 (11)	900 in. lbs.
QJXM19	19MM	J	1.10 (28)	0.47 (12)	900 in. lbs.



Single Hex Flare Nut

Part Number	Opening Size	Shank Size	A In. (mm)	B In. (mm)	Max Working Torque
Fits: 5T-I, 10T-I and 50T-I					
QJRXS12	3/8"	J	0.75 (19.05)	0.31(7.87)	350 in. lbs.
QJRXS14	7/16"	J	0.84 (21.34)	0.34 (8.64)	500 in. lbs.
QJRXS16	1/2"	J	0.84 (21.34)	0.38 (9.65)	650 in. lbs.
QJRXS18	9/16"	J	1.00 (25.40)	0.40 (10.16)	800 in. lbs.
QJRXS20	5/8"	J	1.09 (27.69)	0.44 (11.18)	900 in. lbs.
QJRXS22	11/16"	J	1.16 (29.46)	0.47 (11.94)	900 in. lbs.
QJRXS24	3/4"	J	1.25 (31.75)	0.50 (12.70)	900 in. lbs.
QJRXS26	13/16"	J	1.31 (33.27)	0.53 (13.46)	900 in. lbs.
QJRXS28	7/8"	J	1.40 (35.56)	0.56 (14.22)	900 in. lbs.
QJRXS30	15/16"	J	1.50 (38.10)	0.59 (14.99)	900 in. lbs..
QJRXS32	1"	J	1.56 (39.62)	0.63 (16.00)	900 in. lbs.
Fits: 100T-I and 200T-I					
QYRXS24	3/4"	Y	1.25 (31.75)	0.50 (12.70)	1245 in. lbs.
QYRXS26	13/16"	Y	1.31 (33.27)	0.53 (13.46)	1400 in. lbs.
QYRXS28	7/8"	Y	1.40 (35.56)	0.56 (14.22)	1600 in. lbs.
QYRXS30	15/16"	Y	1.50 (38.10)	0.59 (14.99)	1750 in. lbs.
QYRXS32	1"	Y	1.56 (39.62)	0.63 (16.00)	1900 in. lbs.

Interchangeable Head Drives for Pre-Sets



Open End

Part Number	Opening Size	Shank Size	A In. (mm)	B In. (mm)	Max Working Torque
Fits: 5T-I, 10T-I and 50T-I					
QJ08	1/4"	J	0.53 (13.46)	0.14 (3.56)	55 in. lbs.
QJ010	5/16"	J	0.66 (16.76)	0.17 (4.32)	110 in. lbs.
QJ012	3/8"	J	0.78 (19.81)	0.17 (4.32)	220 in. lbs.
QJ014	7/16"	J	0.91 (23.11)	0.17 (4.32)	310 in. lbs.
QJ016	1/2"	J	1.06 (26.92)	0.17 (4.32)	410 in. lbs.
QJ018	9/16"	J	1.06 (26.92)	0.17 (4.32)	695 in. lbs.
QJ020	5/8"	J	1.31 (33.27)	0.17 (4.32)	835 in. lbs.
QJ022	11/16"	J	1.44 (36.58)	0.17 (4.32)	900 in. lbs.
QJ024	3/4"	J	1.59 (40.39)	0.17 (4.32)	900 in. lbs.
QJ026	13/16"	J	1.72 (43.69)	0.38 (9.65)	900 in. lbs.
QJ028	7/8"	J	1.72 (43.69)	0.38 (9.65)	900 in. lbs.
QJ030	15/16"	J	1.91 (48.51)	0.41 (10.41)	900 in. lbs.
QJ032	1"	J	2.03 (26.16)	0.44 (11.18)	900 in. lbs.
QJ034	1-1/16"	J	2.19 (55.63)	0.47 (11.94)	900 in. lbs.
QJ036	1-1/8"	J	2.31 (58.67)	0.47 (11.94)	900 in. lbs.
QJ038	1-3/16"	J	2.44 (61.98)	0.50 (12.70)	900 in. lbs.
QJ040	1-1/4"	J	2.56 (65.03)	0.53 (13.46)	900 in. lbs.
QJ042	1-5/16"	J	2.66 (67.56)	0.56 (14.22)	900 in. lbs.
QJ044	1-3/8"	J	2.81 (71.37)	0.59 (14.99)	900 in. lbs.
QJ046	1-7/16"	J	3.00 (76.20)	0.59 (14.99)	900 in. lbs.
QJ048	1-1/2"	J	3.06 (77.72)	0.63 (16.00)	900 in. lbs.
Fits: 100T-I and 200T-1					
QY024	3/4"	Y	1.59 (40.39)	0.17 (4.32)	1500 in. lbs.
QY026	13/16"	Y	1.72 (43.69)	0.38 (9.65)	1965 in. lbs.
QY028	7/8"	Y	1.72 (43.69)	0.38 (9.65)	2310 in. lbs.
QY030	15/16"	Y	1.91 (48.51)	0.41 (10.41)	2400 in. lbs.
QY032	1"	Y	2.03 (26.16)	0.44 (11.18)	2400 in. lbs.
QY034	1-1/16"	Y	2.19 (55.63)	0.47 (11.94)	2400 in. lbs.
QY036	1-1/8"	Y	2.31 (58.67)	0.47 (11.94)	2400 in. lbs.
QY038	1-3/16"	Y	2.44 (61.98)	0.50 (12.70)	2400 in. lbs.
QY040	1-1/4"	Y	2.56 (65.03)	0.53 (13.46)	2400 in. lbs.
QY042	1-5/16"	Y	2.66 (67.56)	0.56 (14.22)	2400 in. lbs.
QY044	1-3/8"	Y	2.81 (71.37)	0.59 (14.99)	2400 in. lbs.
QY046	1-7/16"	Y	3.00 (76.20)	0.59 (14.99)	2400 in. lbs.
QY048	1-1/2"	Y	3.06 (77.72)	0.63 (16.00)	2400 in. lbs.
QY050	1-9/16"	Y	3.19 (81.03)	0.66 (16.76)	2400 in. lbs.
QY052	1-5/8"	Y	3.34 (84.84)	0.66 (16.76)	2400 in. lbs.
QY054	1-11/16"	Y	3.41 (86.61)	0.72 (18.39)	2400 in. lbs.
QY056	1-3/4"	Y	3.56 (90.42)	0.72 (18.39)	2400 in. lbs.

Part Number	Opening Size	Shank Size	A In. (mm)	B In. (mm)	Max Working Torque
Metric Sizes					
Fits: 5T-I, 10T-I and 50T-I					
QJOM8	8	J	0.64 (16.5)	0.13 (3.3)	120 in. lbs.
QJOM9	9	J	0.78 (19.8)	0.19 (4.8)	170 in. lbs.
QJOM10	10	J	0.78 (19.8)	0.19 (4.8)	265 in. lbs.
QJOM11	11	J	0.90 (22.9)	0.22 (5.6)	400 in. lbs.
QJOM12	12	J	1.06 (26.9)	0.24 (6.1)	430 in. lbs.
QJOM13	13	J	1.06 (26.9)	0.24 (6.1)	495 in. lbs.
QJOM14	14	J	1.16 (29.5)	0.26 (6.6)	665 in. lbs.
QJOM15	15	J	1.31 (33.3)	0.27 (6.9)	885 in. lbs.
QJOM16	16	J	1.31 (33.3)	0.27 (6.9)	900 in. lbs.
QJOM17	17	J	1.46 (37.1)	0.29 (7.3)	900 in. lbs.
QJOM18	18	J	1.46 (37.1)	0.29 (7.3)	900 in. lbs.
QJOM19	19	J	1.59 (40.4)	0.30 (7.6)	900 in. lbs.
Fits: 100T-I and 200T-1					
QYOM14	14	Y	1.16 (29.5)	0.26 (6.6)	665 in. lbs.
QYOM15	15	Y	1.31 (33.3)	0.27 (6.9)	885 in. lbs.
QYOM16	16	Y	1.31 (33.3)	0.27 (6.9)	1060 in. lbs.
QYOM17	17	Y	1.46 (37.1)	0.29 (7.3)	1235 in. lbs.
QYOM18	18	Y	1.46 (37.1)	0.29 (7.3)	1375 in. lbs.
QYOM19	19	Y	1.59 (40.4)	0.30 (7.6)	1650 in. lbs.
QYOM22	22	Y	1.72 (43.7)	0.36 (9.2)	2400 in. lbs.
QYOM24	24	Y	1.93 (49.0)	0.43 (11)	2400 in. lbs.



Plain Head Drive

Part Number	Drive Size	Shank Size	A In. (mm)	B In. (mm)	Max Working Torque
QJSD8	1/4"	J	0.48 (12.19)	1.25 (31.7)	200 in. lbs.
QJSD12	3/8"	J	0.62 (15.75)	1.50 (38.1)	900 in. lbs.
QJSD16	1/2"	J	0.62 (15.75)	1.50 (38.1)	900 in. lbs.
QYSD16	1/2"	Y	0.68 (17.27)	1.50 (38.1)	200 ft. lbs.
QXSD24	3/4"	X	0.80 (20.32)	2.00 (50.8)	200 ft. lbs.
QZSD24	3/4"	Z	0.93 (23.62)	2.50 (63.5)	600 ft. lbs.
QZSD32	1"	Z	1.24 (31.50)	2.50 (63.5)	600 ft. lbs.