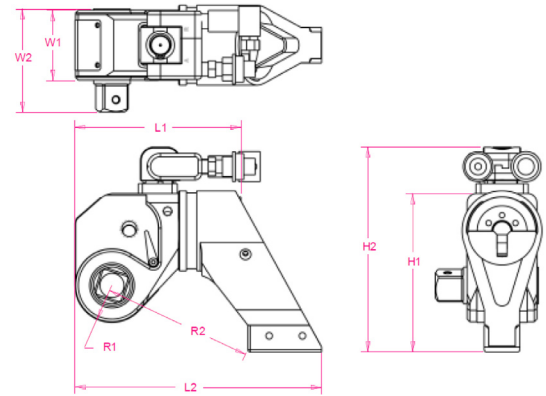




TITAN[®]
SUPERIOR BOLTING SOLUTIONS[®]

T-1

TITAN Hydraulic Torque Wrenches



T-1 1" Sq. Dr. Automatic continuous ratcheting Unibody Hydraulic Torque Wrench:

Square Drive Size:	3/4 In	L1 – Body Length:	4.81 In 122.2 mm
Optional Sq. Dr. Sizes:	1/2 In & 1In	L2 – Overall Length Include Arm:	6.95 In 176.5 mm
Range Optional Hex Drive Sizes:	3/8 In to 1 In 9 to 26 n m	H1 – Tool Height:	3.63 In 92.2 mm
Torque Range:	197 to 1,359 Ft Lb 268 to 1,842 N M	H2 – Overall Height Includes Swivel:	4.95 In 125.7 mm
Weight Include Reaction Arm:	5.0 Lb 2.27 Kg	W1 – Tool Width:	1.98 In 50.3 mm
Torque Accuracy:	Operating Radius 0.98".	W2 – Tool Width Includes Sq. Dr.	2.83 In 71.9 mm
Material AQ Grade T6-7075 Light Alloy:	Heavy Duty Ratchet.	R1 – Tool Radius around the Bolt:	0.98 In 24.9 mm
Resistance & Durability:	Hard Coat Anodize Finish for corrosion resistance and durability.	R2 – Reaction Reach:	3.85 In 97.8 mm
Portability:	Patented "Zero Deflection" [™] Housing & Reaction.	Safety:	Patented Energy Dampening Piston System.
Versatility:	60 Point, 360 degree adjustable "Tite-Lock" reaction arm.	Accuracy:	Ratcheting assurance device to avoid unwanted pre-stall.
Clearance:	359 degree X 180 degree, low profile, easy adjust "Tru-Swivel" hose swivel to avoid hose interference.	Hands Free:	One way ratchet with easy release mechanism.
Quick Connects & Couplers:	Single piece dual tooth drive Pawl.	All Tools Calibrated and Certified:	Easy Pawl Release Mechanism.

(T-Series Application Pictures)



SUPERIOR BOLTING SOLUTIONS®

Pressure Vs Torque Conversion Chart Titan T Series Tools

	<i>T-1</i>	<i>T-3</i>	<i>T-5</i>	<i>T-8</i>	<i>T-10</i>	<i>T-25</i>
PUMP PSI (BAR)	<i>Torque - Ft. Lbs (Nm)</i>					
1500 (103)	197 (267)	468 (635)	816 (1107)	1168 (1584)	1662 (2254)	3726 (5052)
1600 (110)	210 (285)	499 (677)	871 (1180)	1246 (1689)	1773 (2404)	4002 (5389)
1800 (124)	236 (321)	562 (762)	979 (1328)	1402 (1901)	1994 (2704)	4554 (6063)
2000 (138)	271 (367)	644 (873)	1101 (1493)	1574 (2134)	2236 (3032)	5106 (6924)
2200 (152)	298 (404)	708 (961)	1212 (1643)	1731 (2348)	2460 (3335)	5626 (7616)
2400 (165)	325 (441)	773 (1048)	1322 (1792)	1889 (2561)	2683 (3638)	6145 (8308)
2600 (179)	352 (477)	837 (1135)	1432 (1942)	2046 (2775)	2907 (3942)	6665 (9001)
2800 (193)	379 (514)	902 (1223)	1542 (2091)	2204 (2988)	3130 (4245)	7184 (9693)
3000 (207)	411 (557)	961 (1303)	1656 (2246)	2378 (3225)	3365 (4563)	7704 (10447)
3200 (221)	438 (594)	1025 (1390)	1767 (2396)	2537 (3440)	3589 (4867)	8221 (11143)
3400 (234)	465 (631)	1089 (1477)	1877 (2546)	2695 (3655)	3814 (5171)	8738 (11840)
3600 (248)	493 (668)	1153 (1564)	1988 (2695)	2854 (3869)	4038 (5476)	9254 (12536)
3800 (262)	520 (705)	1217 (1651)	2098 (2845)	3012 (4084)	4262 (5780)	9771 (13232)
4000 (276)	549 (745)	1278 (1733)	2230 (3023)	3216 (4361)	4456 (6042)	10288 (13951)
4200 (290)	577 (782)	1342 (1820)	2341 (3174)	3377 (4579)	4679 (6344)	10809 (14648)
4400 (303)	604 (820)	1406 (1906)	2452 (3326)	3538 (4797)	4902 (6647)	11330 (15346)
4600 (317)	632 (857)	1470 (1993)	2564 (3477)	3698 (5015)	5124 (6949)	11852 (16043)
4800 (331)	659 (894)	1534 (2080)	2675 (3628)	3859 (5233)	5347 (7251)	12373 (16741)
5000 (345)	686 (930)	1592 (2159)	2790 (3783)	3990 (5410)	5588 (7577)	12894 (17484)
5200 (359)	714 (968)	1656 (2245)	2902 (3935)	4150 (5627)	5812 (7880)	13385 (18184)
5400 (372)	741 (1005)	1719 (2331)	3013 (4086)	4309 (5843)	6035 (8184)	13876 (18883)
5600 (386)	769 (1042)	1783 (2418)	3125 (4237)	4469 (6060)	6259 (8487)	14366 (19582)
5800 (400)	796 (1079)	1847 (2504)	3237 (4389)	4628 (6276)	6482 (8790)	14857 (20282)
6000 (414)	824 (1118)	1896 (2571)	3353 (4547)	4848 (6574)	6717 (9108)	15348 (20812)
6200 (428)	852 (1155)	1959 (2657)	3465 (4699)	5010 (6793)	6941 (9412)	15834 (21506)
6400 (441)	879 (1192)	2022 (2742)	3577 (4850)	5171 (7012)	7165 (9715)	16320 (22199)
6600 (455)	907 (1230)	2086 (2828)	3689 (5002)	5333 (7231)	7389 (10019)	16806 (22893)
6800 (469)	934 (1267)	2149 (2914)	3800 (5153)	5494 (7450)	7613 (10323)	17292 (23587)
7000 (483)	962 (1305)	2190 (2970)	3891 (5276)	5660 (7675)	7746 (10504)	17778 (24107)
7200 (496)	990 (1342)	2253 (3054)	4002 (5427)	5822 (7894)	7967 (10804)	18252 (24796)
7400 (510)	1017 (1379)	2315 (3139)	4114 (5578)	5983 (8114)	8189 (11104)	18725 (25485)
7600 (524)	1045 (1417)	2378 (3224)	4225 (5729)	6145 (8333)	8410 (11404)	19199 (26173)
7800 (538)	1072 (1454)	2440 (3309)	4336 (5880)	6307 (8552)	8631 (11704)	19672 (26862)
8000 (552)	1098 (1489)	2497 (3386)	4492 (6092)	6476 (8781)	8867 (12024)	20146 (27318)
8200 (565)	1125 (1526)	2559 (3471)	4605 (6244)	6638 (9001)	9089 (12324)	20619 (28001)
8400 (579)	1153 (1563)	2622 (3555)	4717 (6396)	6800 (9221)	9310 (12625)	21092 (28684)
8600 (593)	1180 (1600)	2684 (3640)	4829 (6549)	6962 (9440)	9532 (12925)	21564 (29367)
8800 (607)	1208 (1637)	2747 (3725)	4942 (6701)	7124 (9660)	9754 (13226)	22037 (30050)
9000 (621)	1233 (1672)	2810 (3810)	5056 (6856)	7240 (9817)	10075 (13662)	22510 (30524)
9200 (634)	1261 (1709)	2872 (3895)	5168 (7008)	7401 (10036)	10299 (13965)	22958 (31202)
9400 (648)	1288 (1747)	2935 (3980)	5281 (7160)	7562 (10254)	10523 (14269)	23406 (31880)
9600 (662)	1315 (1784)	2997 (4064)	5393 (7313)	7723 (10472)	10747 (14572)	23852 (32558)
9800 (676)	1343 (1821)	3060 (4149)	5505 (7465)	7884 (10690)	10971 (14876)	24301 (33237)
10000 (690)	1359 (1843)	3124 (4236)	5605 (7601)	8062 (10932)	11067 (15007)	24749 (33560)

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