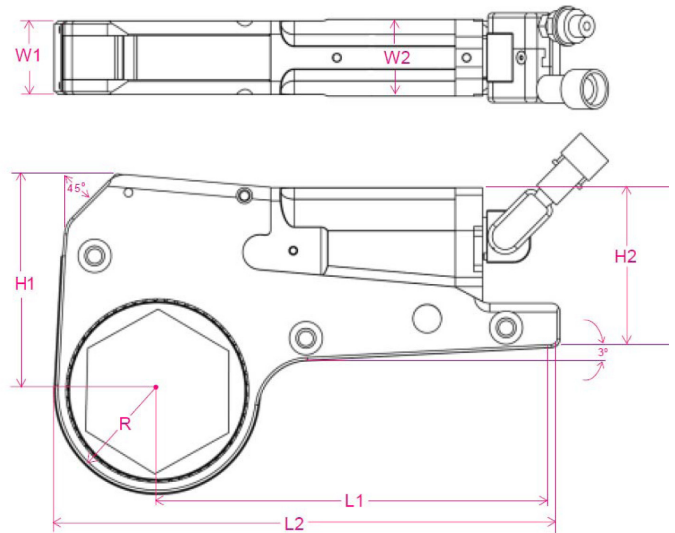




TITAN[®]
SUPERIOR BOLTING SOLUTIONS[®]

LP4

TITAN Hydraulic Torque Wrenches



LP4 Automatic continuous ratcheting Direct Fit Hydraulic Torque Wrench Power Head:

Range of Hex Size:	7/8 to 3 1/8 In 20 to 80 mm	L1 – Maximum Reaction Reach:	7.00 In 177.80 mm
Torque Range:	390 to 3900 Ft Lb 560 to 5,600 n m	L2 – Overall Length:	8.90 In 226.06 mm
Cylinder Weight :	5.8 Lb 2.63 Kg	H1 – Center of Bolt to Top of Tool:	3.86 In 98.17 mm
Range of Link Weight:	4.50 to 6.50 Lb 2.01 to 2.90 Kg	H2 – Back End Height:	3.45 In 87.63 mm
Torque Accuracy:	+ / - 3%	W1 – Tool Width at Link:	0.75 In 19.00 mm
Corrosion Resistance:	Material AQ 4340, Electroless Nickel Plated.	W2 – Tool Width at Cylinder:	1.25 In 31.75 mm
Portability:	High-Strength, low weight “Zero Deflection Body”.	R – Tool Radius around the Bolt:	1.00 to 1.70 In 26.16 to 44.48 mm
Hands Free:	One way ratchet with easy release mechanism.	Available in Fractional & Metric Sizes:	12 pt, square and 8 pt.
Quick Connects & Couplers:	Unit powers all LP 2 Links.	Accuracy:	Ratcheting assurance device to avoid unwanted pre-stall.
Safety:	Total enclosure of all moving parts. Patented “Energy Dispersment System” to allow for operator safety.	Clearance:	359 degree X 180 degree, low profile, easy to adjust “Tru-Swivel” hose swivel to avoid hose interference.
Low cost step-down sleeves are available in all sizes:	Easy one pin link engagement.	All Tools Calibrated and Certified:	2-piece oval piston assembly.



SUPERIOR BOLTING SOLUTIONS®

Pressure Vs Torque Conversion Chart
Titan LP Series

Pump PSI (Bar)	LP-2 Ft/lb (Nm)	LP-4 Ft/lb (Nm)	LP-8 Ft/lb (Nm)	LP-16 Ft/lb (Nm)	LP-32 Ft/lb (Nm)
1500 (103)	268 (363)	568 (770)	1075 (1457)	2400 (3201)	5250 (7119)
1600 (110)	286 (388)	606 (822)	1146 (1554)	2560 (3414)	5600 (7594)
1800 (124)	322 (436)	682 (924)	1290 (1749)	2880 (3841)	6300 (8543)
2000 (138)	360 (488)	758 (1028)	1488 (2017)	3200 (4303)	7000 (9492)
2200 (152)	396 (536)	833 (1131)	1637 (2219)	3520 (4734)	7700 (10441)
2400 (165)	431 (585)	909 (1233)	1785 (2421)	3840 (5164)	8400 (11390)
2600 (179)	467 (634)	985 (1336)	1934 (2623)	4160 (5594)	9100 (12340)
2800 (193)	503 (683)	1061 (1439)	2083 (2824)	4480 (6025)	9800 (13289)
3000 (207)	541 (734)	1136 (1540)	2289 (3104)	4800 (6536)	10500 (14238)
3200 (221)	577 (783)	1212 (1643)	2442 (3311)	5120 (6972)	11200 (15187)
3400 (234)	614 (832)	1288 (1746)	2594 (3518)	5440 (7408)	11900 (16136)
3600 (248)	650 (881)	1364 (1848)	2747 (3725)	5760 (7844)	12600 (17086)
3800 (262)	686 (930)	1439 (1951)	2899 (3931)	6080 (8279)	13300 (18035)
4000 (276)	724 (982)	1515 (2054)	3028 (4106)	6400 (8780)	14000 (18984)
4200 (290)	760 (1031)	1591 (2157)	3180 (4312)	6720 (9220)	14700 (19933)
4400 (303)	796 (1080)	1667 (2260)	3331 (4517)	7040 (9659)	15400 (20882)
4600 (317)	833 (1129)	1742 (2362)	3483 (4722)	7360 (10098)	16100 (21832)
4800 (331)	869 (1178)	1818 (2465)	3634 (4928)	7680 (10537)	16800 (22781)
5000 (345)	904 (1226)	1894 (2568)	3878 (5258)	8000 (11059)	17500 (23730)
5200 (359)	940 (1275)	1970 (2671)	4033 (5468)	8320 (11501)	18200 (24679)
5400 (372)	976 (1324)	2045 (2774)	4188 (5679)	8640 (11944)	18900 (25628)
5600 (386)	1013 (1373)	2121 (2876)	4343 (5889)	8960 (12386)	19600 (26578)
5800 (400)	1049 (1422)	2197 (2979)	4498 (6099)	9280 (12828)	20300 (27527)
6000 (414)	1087 (1474)	2273 (3082)	4704 (6378)	9600 (13274)	21000 (28476)
6200 (428)	1123 (1523)	2348 (3185)	4859 (6591)	9920 (13717)	21700 (29425)
6400 (441)	1159 (1572)	2424 (3288)	5017 (6803)	10240 (14159)	22400 (30374)
6600 (455)	1196 (1621)	2500 (3390)	5174 (7016)	10560 (14602)	23100 (31324)
6800 (469)	1232 (1670)	2576 (3493)	5331 (7229)	10880 (15044)	23800 (32273)
7000 (483)	1271 (1723)	2652 (3596)	5545 (7519)	11200 (15600)	24500 (33222)
7200 (496)	1307 (1772)	2727 (3699)	5704 (7734)	11520 (16046)	25200 (34171)
7400 (510)	1343 (1822)	2803 (3802)	5862 (7949)	11840 (16491)	25900 (35120)
7600 (524)	1380 (1871)	2879 (3904)	6021 (8164)	12160 (16937)	26600 (36070)
7800 (538)	1416 (1920)	2955 (4007)	6179 (8379)	12480 (17383)	27300 (37019)
8000 (552)	1459 (1978)	3030 (4109)	6364 (8630)	12800 (17690)	28000 (37968)
8200 (565)	1496 (2028)	3106 (4211)	6523 (8845)	13120 (18132)	28700 (38917)
8400 (579)	1532 (2077)	3182 (4314)	6682 (9061)	13440 (18574)	29400 (39866)
8600 (593)	1568 (2127)	3258 (4417)	6841 (9277)	13760 (19016)	30100 (40816)
8800 (607)	1605 (2176)	3333 (4520)	7000 (9492)	14080 (19459)	30800 (41765)
9000 (621)	1640 (2223)	3409 (4623)	7163 (9713)	14400 (19933)	31500 (42714)
9200 (634)	1676 (2273)	3485 (4725)	7322 (9929)	14720 (20376)	32200 (43663)
9400 (648)	1713 (2322)	3561 (4828)	7481 (10145)	15040 (20819)	32900 (44612)
9600 (662)	1749 (2372)	3636 (4931)	7641 (10361)	15360 (21262)	33600 (45562)
9800 (676)	1785 (2421)	3712 (5034)	7800 (10577)	15680 (21705)	34300 (46511)
10000 (690)	1826 (2476)	3788 (5137)	8024 (10881)	16000 (22009)	35000 (47460)

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