



ITS2
(Square Drive) Hydraulic Torque Wrench
Torque Chart

Pressure (psi)	Pressure (bar)	Torque (Nm)
1,015	70	302
1,160	80	345
1,305	90	388
1,450	100	431
1,595	110	474
1,740	120	517
1,885	130	560
2,030	140	603
2,175	150	647
2,320	160	690
2,465	170	733
2,610	180	776
2,755	190	819
2,900	200	862
3,045	210	905
3,190	220	948
3,335	230	991
3,480	240	1,034
3,625	250	1,078
3,770	260	1,121
3,915	270	1,164
4,060	280	1,207
4,205	290	1,250
4,350	300	1,293
4,495	310	1,336
4,640	320	1,379
4,785	330	1,422
4,930	340	1,465
5,075	350	1,509
5,220	360	1,552
5,365	370	1,595
5,510	380	1,638
5,655	390	1,681
5,800	400	1,724
5,945	410	1,767
6,090	420	1,810
6,235	430	1,853
6,380	440	1,896
6,525	450	1,940
6,670	460	1,983
6,815	470	2,026
6,960	480	2,069
7,105	490	2,112
7,250	500	2,155
7,395	510	2,198
7,540	520	2,241
7,685	530	2,284
7,830	540	2,327
7,975	550	2,371
8,120	560	2,414
8,265	570	2,457
8,410	580	2,500
8,555	590	2,543
8,700	600	2,586
8,845	610	2,629
8,990	620	2,672
9,135	630	2,715
9,280	640	2,758
9,425	650	2,802
9,570	660	2,845
9,715	670	2,888
9,860	680	2,931
10,005	690	2,974
10,150	700	3,017

Values:	Formulae:	Example:
a) Torque Required b) Max. Torque Rating of the Hydraulic Torque Wrench	To calculate Pressure (bar): Pressure (bar) = (a x 700) / b	a = 1,078 Nm b = 3,017 Nm Pressure (bar) = (1,078 x 700) / 3,017 Pressure = 250 bar
a) Pressure (bar) b) Max. Torque Rating of the Hydraulic Torque Wrench	To calculate Torque Generated: Torque = (a / 700) x b	a = 500 bar b = 3,017 Nm Torque = (500 / 700) x 3,017 Torque = 2,155 Nm

values calculated in the above 'Torque' & 'Example' columns are approximate values