



ITS10
(Square Drive) Hydraulic Torque Wrench
Torque Chart

Pressure (psi)	Pressure (bar)	Torque (Nm)
1,015	70	1,553
1,160	80	1,775
1,305	90	1,996
1,450	100	2,218
1,595	110	2,440
1,740	120	2,662
1,885	130	2,884
2,030	140	3,106
2,175	150	3,327
2,320	160	3,549
2,465	170	3,771
2,610	180	3,993
2,755	190	4,215
2,900	200	4,436
3,045	210	4,658
3,190	220	4,880
3,335	230	5,102
3,480	240	5,324
3,625	250	5,546
3,770	260	5,767
3,915	270	5,989
4,060	280	6,211
4,205	290	6,433
4,350	300	6,655
4,495	310	6,876
4,640	320	7,098
4,785	330	7,320
4,930	340	7,542
5,075	350	7,764
5,220	360	7,986
5,365	370	8,207
5,510	380	8,429
5,655	390	8,651
5,800	400	8,873
5,945	410	9,095
6,090	420	9,317
6,235	430	9,538
6,380	440	9,760
6,525	450	9,982
6,670	460	10,204
6,815	470	10,426
6,960	480	10,647
7,105	490	10,869
7,250	500	11,091
7,395	510	11,313
7,540	520	11,535
7,685	530	11,757
7,830	540	11,978
7,975	550	12,200
8,120	560	12,422
8,265	570	12,644
8,410	580	12,866
8,555	590	13,088
8,700	600	13,309
8,845	610	13,531
8,990	620	13,753
9,135	630	13,975
9,280	640	14,197
9,425	650	14,418
9,570	660	14,640
9,715	670	14,862
9,860	680	15,084
10,005	690	15,306
10,150	700	15,528

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 = 5,546 Nm b = 15,528 Nm Pressure (bar) = (5,546 x 700) / 15,528 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 = 15,528 Nm Torque = (500 / 700) x 15,528 Torque = 11,091 Nm

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