

# MEASUREMENTS / SPECIFICATIONS

## Conversion Formulas

### TWSD Square Drive Hydraulic Torque Wrench Pressure - Torque Conversion Chart

Pump Pressure		Torque Output									
		TWSD1		TWSD3		TWSD6		TWSD11		TWSD25	
PSI	BAR	lb.-ft.	Nm	lb.-ft.	Nm	lb.-ft.	Nm	lb.-ft.	Nm	lb.-ft.	Nm
1,200	83	156	211	368	499	722	979	1,313	1,779	2,940	3,984
1,400	97	182	247	430	582	843	1,142	1,532	2,075	3,430	4,648
1,600	110	208	282	491	666	963	1,305	1,750	2,372	3,920	5,312
1,800	124	234	317	553	749	1,084	1,468	1,969	2,668	4,410	5,976
2,000	138	260	352	614	832	1,204	1,631	2,188	2,965	4,900	6,640
2,200	152	286	388	675	915	1,324	1,795	2,407	3,261	5,390	7,304
2,400	165	312	423	737	998	1,445	1,958	2,626	3,558	5,880	7,967
2,600	179	338	458	798	1,082	1,565	2,121	2,844	3,854	6,370	8,631
2,800	193	364	493	860	1,165	1,686	2,284	3,063	4,151	6,860	9,295
3,000	207	390	528	921	1,248	1,806	2,447	3,282	4,447	7,350	9,959
3,200	221	416	564	982	1,331	1,926	2,610	3,501	4,744	7,840	10,623
3,400	234	442	599	1,044	1,414	2,047	2,773	3,720	5,040	8,330	11,287
3,600	248	468	634	1,105	1,498	2,167	2,937	3,938	5,337	8,820	11,951
3,800	262	494	669	1,167	1,581	2,288	3,100	4,157	5,633	9,310	12,615
4,000	276	520	705	1,228	1,664	2,408	3,263	4,376	5,930	9,800	13,279
4,200	290	546	740	1,289	1,747	2,528	3,426	4,595	6,226	10,290	13,943
4,400	303	572	775	1,351	1,830	2,649	3,589	4,814	6,522	10,780	14,607
4,600	317	598	810	1,412	1,914	2,769	3,752	5,032	6,819	11,270	15,271
4,800	331	624	846	1,474	1,997	2,890	3,915	5,251	7,115	11,760	15,935
5,000	345	650	881	1,535	2,080	3,010	4,079	5,470	7,412	12,250	16,599
5,200	359	676	916	1,596	2,163	3,130	4,242	5,689	7,708	12,740	17,263
5,400	372	702	951	1,658	2,246	3,251	4,405	5,908	8,005	13,230	17,927
5,600	386	728	986	1,719	2,330	3,371	4,568	6,126	8,301	13,720	18,591
5,800	400	754	1,022	1,781	2,413	3,492	4,731	6,345	8,598	14,210	19,255
6,000	414	780	1,057	1,842	2,496	3,612	4,894	6,564	8,894	14,700	19,919
6,200	427	806	1,092	1,903	2,579	3,732	5,057	6,783	9,191	15,190	20,583
6,400	441	832	1,127	1,965	2,662	3,853	5,221	7,002	9,487	15,680	21,247
6,600	455	858	1,163	2,026	2,746	3,973	5,384	7,220	9,784	16,170	21,911
6,800	469	884	1,198	2,088	2,829	4,094	5,547	7,439	10,080	16,660	22,575
7,000	483	910	1,233	2,149	2,912	4,214	5,710	7,658	10,377	17,150	23,238
7,200	496	936	1,268	2,210	2,995	4,334	5,873	7,877	10,673	17,640	23,902
7,400	510	962	1,304	2,272	3,078	4,455	6,036	8,096	10,970	18,130	24,566
7,600	524	988	1,339	2,333	3,162	4,575	6,199	8,314	11,266	18,620	25,230
7,800	538	1,014	1,374	2,395	3,245	4,696	6,363	8,533	11,563	19,110	25,894
8,000	552	1,040	1,409	2,456	3,328	4,816	6,526	8,752	11,859	19,600	26,558
8,200	565	1,066	1,444	2,517	3,411	4,936	6,689	8,971	12,156	20,090	27,222
8,400	579	1,092	1,480	2,579	3,494	5,057	6,852	9,190	12,452	20,580	27,886
8,600	593	1,118	1,515	2,640	3,578	5,177	7,015	9,408	12,749	21,070	28,550
8,800	607	1,144	1,550	2,702	3,661	5,298	7,178	9,627	13,045	21,560	29,214
9,000	621	1,170	1,585	2,763	3,744	5,418	7,341	9,846	13,341	22,050	29,878
9,200	634	1,196	1,621	2,824	3,827	5,538	7,505	10,065	13,638	22,540	30,542
9,400	648	1,222	1,656	2,886	3,910	5,659	7,668	10,284	13,934	23,030	31,206
9,600	662	1,248	1,691	2,947	3,993	5,779	7,831	10,502	14,231	23,520	31,870
9,800	676	1,274	1,726	3,009	4,077	5,900	7,994	10,721	14,527	24,010	32,534
10,000	689	1,300	1,762	3,070	4,160	6,020	8,157	10,940	14,824	24,500	33,198
10,153	700	1,320	1,789	3,117	4,223	6,112	8,282	11,107	15,050	24,874	33,705