

				75	95	100	105	115	120	135	145	155	165
				95	105	110	120	125	130	145	155	165	175
DIA	WEIGHT		WALL										
	WNU	WPE		E	X-95	100	G-105	115	120	S-135	145	155	165
2.375	4.85	4.44	0.190										
	1.304 A	COLLAPSE PRESSURE		11040	13980	14720	15460	16730	17310	19030	20130	21180	22180
	1.995 ID	BODY YIELD STRENGTH		98	124	130	137	150	156	176	189	202	215
	1.870 DD	API INTERNAL PRESSURE		10500	13300	14000	14700	16100	16800	18900	20300	21700	23100
	SD	YIELD TORQUE		4760	6030	6350	6670	7300	7620	8570	9210	9840	10480
2.375	6.65	6.27	0.280										
	1.843 A	COLLAPSE PRESSURE		15600	19760	20800	21840	23920	24960	28080	30160	32240	34320
	1.815 ID	BODY YIELD STRENGTH		138	175	184	194	212	221	249	267	286	304
	1.690 DD	API INTERNAL PRESSURE		15470	19600	20630	21660	23730	24760	27850	29920	31980	34040
	SD	YIELD TORQUE		6250	7920	8330	8750	9580	10000	11250	12080	12920	13750
2.875	6.85	6.17	0.217										
	1.812 A	COLLAPSE PRESSURE		10470	12940	13490	14020	15070	15560	17030	17960	18830	19650
	2.441 ID	BODY YIELD STRENGTH		136	172	181	190	208	217	245	263	281	299
	2.316 DD	API INTERNAL PRESSURE		9910	12550	13210	13870	15190	15850	17830	19150	20470	21790
	SD	YIELD TORQUE		8080	10240	10780	11320	12390	12930	14550	15630	16700	17780
2.875	10.40	9.72	0.362										
	2.858 A	COLLAPSE PRESSURE		16510	20910	22010	23110	25310	26410	29720	31920	34120	36320
	2.151 ID	BODY YIELD STRENGTH		214	272	286	300	329	343	386	414	443	472
	2.026 DD	API INTERNAL PRESSURE		16530	20930	22030	23140	25340	26440	29750	31950	34150	36360
	SD	YIELD TORQUE		11550	14640	15410	16180	17720	18490	20800	22340	23880	25420
3.500	13.30	12.32	0.368										
	3.621 A	COLLAPSE PRESSURE		14110	17880	18820	19760	21640	22580	25400	27290	29170	31050
	2.764 ID	BODY YIELD STRENGTH		272	344	362	380	416	435	489	525	561	597
	2.639 DD	API INTERNAL PRESSURE		13800	17480	18400	19320	21160	22080	24840	26680	28520	30360
	SD	YIELD TORQUE		18550	23500	24740	25970	28450	29680	33390	35870	38340	40810
3.500	15.50	14.64	0.449										
	4.304 A	COLLAPSE PRESSURE		16770	21250	22370	23480	25720	26840	30190	32430	34670	36900
	2.602 ID	BODY YIELD STRENGTH		323	409	430	452	495	516	581	624	667	710
	2.477 DD	API INTERNAL PRESSURE		16840	21330	22450	23570	25820	26940	30310	32550	34800	37040
	SD	YIELD TORQUE		21090	26710	28110	29520	32330	33740	37950	40770	43580	46390
4.000	14.00	12.95	0.330										
	3.805 A	COLLAPSE PRESSURE		11350	14380	15140	15900	17410	18170	20140	21330	22480	23580
	3.340 ID	BODY YIELD STRENGTH		285	361	381	400	438	457	514	552	590	628
	3.215 DD	API INTERNAL PRESSURE		10830	13720	14440	15160	16600	17330	19490	20930	22380	23820
	SD	YIELD TORQUE		23290	29500	31050	32600	35710	37260	41920	45020	48130	51230
4.000	15.70	14.71	0.380										
	4.322 A	COLLAPSE PRESSURE		12900	16340	17200	18050	19770	20630	23210	24930	26650	28370
	3.240 ID	BODY YIELD STRENGTH		324	411	432	454	497	519	583	627	670	713
	3.115 DD	API INTERNAL PRESSURE		12470	15790	16630	17460	19120	19950	22440	24110	25770	27430
	SD	YIELD TORQUE		25810	32690	34410	36130	39580	41300	46460	49900	53340	56780
4.000	17.00	15.90	0.415										
	4.674 A	COLLAPSE PRESSURE		13950	17670	18600	19530	21390	22320	25110	26970	28830	30690
	3.170 ID	BODY YIELD STRENGTH		351	444	467	491	538	561	631	678	724	771
	3.045 DD	API INTERNAL PRESSURE		13620	17250	18160	19060	20880	21790	24510	26330	28140	29960
	SD	YIELD TORQUE		27440	34760	36590	38420	42080	43910	49400	53050	56710	60370
4.500	16.60	15.00	0.337										
	4.407 A	COLLAPSE PRESSURE		10390	12760	13300	13820	14850	15340	16770	17670	18520	19320
	3.826 ID	BODY YIELD STRENGTH		331	419	441	463	507	529	595	639	683	727
	3.701 DD	API INTERNAL PRESSURE		9830	12450	13110	13760	15070	15730	17690	19000	20310	21620
	SD	YIELD TORQUE		30810	39020	41080	43130	47240	49290	55450	59560	63670	67780
4.500	20.00	18.71	0.430										
	5.498 A	COLLAPSE PRESSURE		12960	16420	17280	18150	19880	20740	23330	25060	26790	28520
	3.640 ID	BODY YIELD STRENGTH		412	522	550	577	632	660	742	797	852	907
	3.515 DD	API INTERNAL PRESSURE		12540	15890	16720	17560	19230	20070	22580	24250	25920	27590
	SD	YIELD TORQUE		36900	46740	49200	51660	56580	59040	66420	71340	76260	81180

					75	95	100	105	115	120	135	145	155	165	
DIA	WNU	WEIGHT		WPE	WALL	95	105	110	120	125	130	145	155	165	175
						E	X-95	100	G-105	115	120	S-135	145	155	165
5.000	16.25		14.88		0.296										
	4.374 A	COLLAPSE PRESSURE				6940	8110	8370	8620	9080	9280	9830	10130	10360	10530
	4.408 ID	BODY YIELD STRENGTH				328	416	437	459	503	525	590	634	678	722
	4.283 DD	API INTERNAL PRESSURE				7770	9840	10360	10880	11910	12430	13990	15020	16060	17090
	SD	YIELD TORQUE				35040	44390	46730	49060	53730	56070	63080	67750	72430	77100
5.000	19.50		17.95		0.362										
	5.275 A	COLLAPSE PRESSURE				9960	12020	12520	13000	13940	14380	15670	16470	17230	17930
	4.276 ID	BODY YIELD STRENGTH				396	501	528	554	607	633	712	765	818	870
	4.151 DD	API INTERNAL PRESSURE				9500	12040	12670	13300	14570	15200	17100	18370	19640	20910
	SD	YIELD TORQUE				41170	52140	54890	57630	63120	65870	74100	79590	85080	90570
5.000	25.60		24.05		0.500										
	7.069 A	COLLAPSE PRESSURE				13500	17100	18000	18900	20700	21600	24300	26100	27900	29700
	4.000 ID	BODY YIELD STRENGTH				530	672	707	742	813	848	954	1025	1096	1166
	3.875 DD	API INTERNAL PRESSURE				13130	16630	17500	18380	20130	21000	23630	25380	27130	28880
	SD	YIELD TORQUE				52260	66190	69680	73160	80130	83610	94060	101030	108000	114970
5.500	19.20		16.89		0.304										
	4.962 A	COLLAPSE PRESSURE				6040	6940	7140	7310	7630	7760	8090	8240	8320	8390
	4.892 ID	BODY YIELD STRENGTH				372	471	496	521	571	595	670	719	769	819
	4.767 DD	API INTERNAL PRESSURE				7250	9190	9670	10160	11120	11610	13060	14030	14990	15960
	SD	YIELD TORQUE				44070	55830	58770	61700	67580	70520	79330	85210	91090	96960
5.500	21.90		19.83		0.361										
	5.828 A	COLLAPSE PRESSURE				8410	10020	10400	10750	11450	11760	12670	13220	13710	14140
	4.778 ID	BODY YIELD STRENGTH				437	554	583	612	670	699	787	845	903	962
	4.653 DD	API INTERNAL PRESSURE				8610	10910	11490	12060	13210	13780	15510	16660	17800	18950
	SD	YIELD TORQUE				50710	64230	67610	70990	77760	81140	91280	98040	104800	111560
5.500	24.70		22.56		0.415										
	6.630 A	COLLAPSE PRESSURE				10460	12930	13480	14010	15060	15560	17020	17940	18820	19640
	4.670 ID	BODY YIELD STRENGTH				497	630	663	696	762	796	895	961	1028	1094
	4.545 DD	API INTERNAL PRESSURE				9900	12540	13200	13860	15190	15850	17830	19150	20470	21790
	SD	YIELD TORQUE				56570	71660	75430	79200	86750	90520	101830	109380	116920	124460
5.875	23.40		21.28		0.361										
	6.254 A	COLLAPSE PRESSURE				7450	8770	9080	9360	9910	10140	10820	11210	11530	11790
	5.153 ID	BODY YIELD STRENGTH				469	594	625	657	719	750	844	907	969	1032
	5.028 DD	API INTERNAL PRESSURE				8060	10220	10750	11290	12370	12900	14520	15590	16670	17740
	SD	YIELD TORQUE				58610	74230	78140	82050	89860	93770	105490	113300	121120	128930
5.875	27.00		24.22		0.415										
	7.119 A	COLLAPSE PRESSURE				9560	11500	11970	12410	13290	13700	14890	15630	16310	16940
	5.045 ID	BODY YIELD STRENGTH				534	676	712	747	819	854	961	1032	1103	1175
	4.920 DD	API INTERNAL PRESSURE				9270	11740	12360	12980	14220	14830	16690	17920	19160	20400
	SD	YIELD TORQUE				65510	82980	87340	91710	100450	104810	117920	126650	135380	144120
6.625	25.20		22.21		0.330										
	6.526 A	COLLAPSE PRESSURE				4790	5320	5420	5500	5620	5720	6040	6200	6310	6390
	5.965 ID	BODY YIELD STRENGTH				489	620	653	685	750	783	881	946	1012	1077
	5.840 DD	API INTERNAL PRESSURE				6540	8280	8720	9150	10020	10460	11770	12640	13510	14380
	SD	YIELD TORQUE				70580	89400	94110	98810	108220	112930	127050	136460	145870	155280
6.625	27.70		24.24		0.362										
	7.123 A	COLLAPSE PRESSURE				5890	6750	6940	7100	7400	7520	7810	7930	7990	8160
	5.901 ID	BODY YIELD STRENGTH				534	677	712	748	819	855	962	1033	1104	1175
	5.776 DD	API INTERNAL PRESSURE				7170	9080	9560	10040	11000	11470	12910	13870	14820	15780
	SD	YIELD TORQUE				76300	96640	101730	106810	116990	122070	137330	147500	157680	167850