Outside Diameters, mm			Wall Thickness, mm																														
			0.5	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.3	2.6	2.9	3.2	3.6	4	4.5	5	5.4	5.6	6.1	7.1	8	8.8	10	11	12.5	14.2	16	17.5	20	22.2	25
1	2	3	Masses Per Unit Length, Kg/m																														
10.2			0.12	0.142	0.185	0.227	0.266	0.304	0.339	0.373	0.404	0.448	0.487	0.522	0.552																		
	12				0.221	0.271	0.32	0.366	0.41	0.453	0.493	0.55	0.603	0.651	0.694	0.746																	
	12.7				0.235	0.289	0.34	0.39	0.438	0.484	0.528	0.59	0.648	0.701	0.75	0.808																	
13.5					0.251	0.308	0.364	0.418	0.47	0.519	0.567	0.635	0.699	0.758	0.813	0.879	0.937																
		14				0.321	0.379	0.435	0.489	0.542	0.592	0.664	0.731	0.794	0.852	0.923	0.986																
	16					0.37	0.438	0.504	0.568	0.63	0.69	0.777	0.859	0.937	1.01	1.101	1.184	1.276															
17.2						0.4	0.473	0.545	0.616	0.684	0.75	0.845	0.936	1.023	1.105	1.207	1.302	1.409	1.504													
		18				0.419	0.497	0.573	0.647	0.719	0.789	0.89	0.987	1.08	1.168	1.278	1.381	1.498	1.603														
	19					0.444	0.527	0.608	0.687	0.763	0.838	0.947	1.052	1.151	1.247	1.367	1.48	1.609	1.726														
	20					0.469	0.556	0.642	0.726	0.808	0.888	1.004	1.116	1.223	1.326	1.456	1.578	1.72	1.85														
21.3									0.777	0.866	0.952	1.078	1.199	1.316	1.428	1.571	1.706	1.864	2.01	2.117	2.168	2.286										
		22							0.805	0.897	0.986	1.117	1.244	1.366	1.484	1.633	1.776	1.942	2.096	2.211	2.265	2.392										
	25								0.923	1.03	1.134	1.287	1.436	1.58	1.72	1.9	2.071	2.275	2.466	2.61	2.679	2.843										
		25.4							0.939	1.048	1.154	1.31	1.462	1.609	1.752	1.935	2.111	2.319	2.515	2.663	2.734	2.903										
26.9									0.998	1.114	1.228	1.395	1.558	1.716	1.87	2.068	2.259	2.486	2.7	2.863	2.941	3.129	3.467									
		30							1.121	1.252	1.381	1.571	1.757	1.938	2.115	2.344	2.565	2.83	3.083	3.276	3.37	3.595	4.009	4.34									
	31.8								1.192	1.332	1.47	1.673	1.872	2.067	2.257	2.503	2.742	3.029	3.304	3.516	3.618	3.866	4.325	4.695									
	32								1.199	1.341	1.48	1.685	1.885	2.081	2.273	2.521	2.762	3.052	3.329	3.542	3.646	3.896	4.36	4.735									
33.7									1.267	1.416	1.563	1.781	1.994	2.203	2.407	2.672	2.93	3.24	3.539	3.769	3.88	4.152	4.657	5.07									
		35							1.318	1.474	1.628	1.855	2.077	2.296	2.509	2.788	3.058	3.385	3.699	3.942	4.06	4.347	4.885	5.327									
	38								1.436	1.607	1.776	2.025	2.27	2.51	2.746	3.054	3.354	3.717	4.069	4.341	4.474	4.799	5.41	5.918									
	40								1.515	1.696	1.874	2.138	2.398	2.653	2.904	3.231	3.551	3.939	4.316	4.607	4.751	5.099	5.76	6.313	6.771	7.398							
42.4									1.61	1.802	1.993	2.274	2.552	2.825	3.093	3.445	3.788	4.206	4.611	4.927	5.082	5.46	6.181	6.786	7.291	7.99							
		44.5							1.693	1.895	2.096	2.393	2.686	2.975	3.259	3.631	3.995	4.439	4.87	5.207	5.372	5.776	6.548	7.201	7.747	8.508							
48.3										2.064	2.284	2.609	2.93	3.247	3.559	3.968	4.37	4.86	5.339	5.713	5.897	6.348	7.214	7.95	8.572	9.445	10.12						
	51									2.184	2.417	2.762	3.103	3.44	3.772	4.208	4.636	5.16	5.672	6.072	6.27	6.754	7.686	8.483	9.158	10.11	10.85						
		54								2.317	2.565	2.932	3.296	3.654	4.009	4.474	4.932	5.493	6.042	6.472	6.684	7.205	8.212	9.075	9.809	10.85	11.66						
	57									2.45	2.713	3.102	3.488	3.869	4.245	4.741	5.228	5.826	6.412	6.871	7.098	7.657	8.737	9.667	10.46	11.59	12.48						
60.3											2.875	3.29	3.699	4.105	4.506	5.034	5.553	6.192	6.818	7.311	7.554	8.153	9.315	10.32	11.18	12.4	13.37						
	63.5										3.033	3.471	3.905	4.334	4.758	5.318	5.869	6.547	7.213	7.737	7.996	8.634	9.875	10.95	11.87	13.19	14.24						
	70										3.354	3.84	4.321	4.799	5.271	5.895	6.51	7.269	8.015	8.602	8.893	9.612	11.01	12.23	13.28	14.8	16	17.72	19.54				
		73									3.502	4.01	4.514	5.013	5.508	6.161	6.806	7.601	8.384	9.002	9.308	10.06	11.54	12.82	13.93	15.54	16.82	18.65	20.59				
76.1											3.655	4.186	4.713	5.235	5.753	6.436	7.112	7.945	8.767	9.415	9.736	10.53	12.08	13.43	14.6	16.3	17.66	19.6	21.68				
		82.5												5.693	6.258	7.004	7.743	8.656	9.556	10.27	10.62	11.49	13.2	14.7	15.99	17.88	19.4	21.58	23.92	26.24	28.05		
88.9														6.15	6.763	7.573	8.375	9.366	10.34	11.12	11.5	12.46	14.32	15.96	17.38	19.46	21.13	23.55	26.16	28.76	30.81		
	101.6													7.058	7.765	8.7	9.627	10.78	11.91	12.81	13.26	14.37	16.55	18.47	20.14	22.59	24.58	27.47	30.61	33.77	36.29	40.25	
		108													8.27	9.268	10.26	11.49	12.7	13.66	14.14	15.33	17.67	19.73	21.53	24.17	26.31	29.44	32.85	36.3	39.06	43.4	
114.3															8.767	9.828	10.88	12.18	13.48	14.5	15.01	16.28	18.77	20.97	22.89	25.72	28.02	31.38	35.05	38.79	41.77	46.51	
	127														9.769	10.95	12.13	13.59	15.04	16.19	16.76	18.19	20.99	23.48	25.65	28.85	31.47	35.29	39.5	43.8	47.25	52.77	
	133														10.24	11.49	12.72	14.26	15.78	16.99	17.59	19.09	22.04	24.66	26.95	30.33	33.09	37.14	41.6	46.16	49.84	55.73	
139.7															10.77	12.08	13.39	15	16.61	17.88	18.52	20.1	23.22	25.98	28.41	31.98	34.91	39.21	43.95	48.81	52.74	59.04	
		141.3													10.9	12.22	13.54	15.18	16.81	18.1	18.74	20.34	23.5	26.3	28.75	32.38	35.35	39.7	44.51	49.44	53.43	59.83	
		152.4													11.77	13.21	14.64	16.41	18.17	19.58	20.27	22.01	25.44	28.49	31.16	35.12	38.36	43.12	48.39	53.82	58.22	65.3	
		159													12.29	13.8	15.29	17.14	18.99	20.45	21.18	23	26.6	29.79	32.59	36.74	40.15	45.16	50.7	56.42	61.06	68.55	
168.3															13.03	14.62	16.21	18.18	20.13	21.69	22.47	24.4	28.22	31.62	34.61	39.04	42.67	48.03	53.96	60.09	65.08	73.14	79.98
		177.8													13.78	15.46	17.14	19.23	21.31	22.96	23.78	25.83	29.89	33.5	36.67	41.38	45.25	50.95	57.29	63.84	69.18	77.83	85.18
		193.7														16.88	18.71	21	23.27	25.07	25.98	28.22	32.67	36.63	40.12	45.3	49.56	55.85	62.86	70.11	76.04	85.67	93.89	104
219.1																19.13	21.22	23.81	26.4	28.46	29.48	32.04	37.12	41.65	45.64	51.56	56.45	63.68	71.75	80.14	87	98.2	107.8	119.7
		244.5																26.63	29.53	31.84	32.99	35.86	41.57	46.66	51.15	57.83	63.34	71.51	80.64	90.16	97.96	110.7	121.7	135.3
273																		29.8	33.04	35.63	36.93	40.15	46.56	52.28	57.33	64.86	71.07	80.3	90.62	101.4	110.3	124.8	137.3	152.9
323.9																						47.81	55.47	62.32	68.38	77.41	84.88	95.99	108.4	121.5	132.2	149.9	165.2	184.3
355.6																						52.57	61.02	68.57	75.26	85.22	93.48	105.8	119.5	134	145.9	165.5	182.5	203.8