

OD'S = mm  
 Wall thickness = mm  
 Weight = kg/m (plain end mass)

For 5s, 10s, 40s, 80s:  
 Figures based on austenitic steel

**METRIC**

Nominal pipe size inches	OD mm	5s	10s	40s	80s	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
6	10.3		1.24	1.37	2.41				1.73	1.73		2.41	2.41					
1/8			0.28	0.36	0.48				0.37	0.37		0.47	0.47					
8	13.7		1.65	2.24	3.02				2.24	2.24		3.02	3.02					
1/4			0.51	0.64	0.80				0.63	0.63		0.80	0.80					
10	17.1		1.65	2.31	3.20				2.31	2.31		3.20	3.20					
3/8			0.64	0.86	1.12				0.84	0.84		1.10	1.10					
15	21.3	1.65	2.11	2.77	3.73				2.77	2.77		3.73	3.73				4.78	7.47
1/2		0.82	1.01	1.30	1.65				1.27	1.27		1.62	1.62				1.95	2.55
20	26.7	1.65	2.11	2.87	3.91				2.87	2.87		3.91	3.91				5.56	7.82
3/4		1.04	1.31	1.71	2.24				1.69	1.69		2.20	2.20				2.90	3.64
25	33.4	1.65	2.77	3.38	4.55				3.38	3.38		4.55	4.55				6.35	9.09
1		1.33	2.13	2.55	3.29				2.50	2.50		3.24	3.24				4.24	5.45
32	42.2	1.65	2.77	3.56	4.85				3.56	3.56		4.85	4.85				6.35	9.70
1 1/4		1.68	2.76	3.46	4.56				3.39	3.39		4.47	4.47				5.61	7.77
40	48.3	1.65	2.77	3.68	5.08				3.68	3.68		5.08	5.08				7.14	10.15
1 1/2		1.95	3.11	4.13	5.51				4.05	4.05		5.41	5.41				7.25	9.56
50	60.3	1.65	2.77	3.91	5.54				3.91	3.91		5.54	5.54				8.74	11.07
2		2.44	4.01	5.54	7.63				5.44	5.44		7.48	7.48				11.11	13.44
65	73.0	2.11	3.05	5.16	7.01				5.16	5.16		7.01	7.01				9.53	14.02
2 1/2		3.77	5.36	8.81	11.64				8.63	8.63		11.41	11.41				14.92	20.39
80	88.9	2.11	3.05	5.49	7.62				5.49	5.49		7.62	7.62				11.13	15.24
3		4.60	6.59	11.52	15.59				11.29	11.29		15.27	15.27				21.35	27.68
90	101.6	2.11	3.05	5.74	8.08				5.74	5.74		8.08	8.08				-	-
3 1/2		5.29	7.55	13.84	19.01				13.57	13.57		18.63	18.63				-	-
100	114.3	2.11	3.05	6.02	8.56				6.02	6.02		8.56	8.56	11.13			13.49	17.12
4		5.96	8.52	16.40	22.77				16.07	16.07		22.32	22.32	28.32			33.54	41.03
125	141.3	2.77	3.40	6.55	9.53				6.55	6.55		9.53	9.53	12.70			15.88	19.05
5		9.67	11.82	22.20	31.59				21.77	21.77		30.97	30.97	40.28			49.11	57.43
150	168.3	2.77	3.40	7.11	10.97				7.11	7.11		10.97	10.97	14.27			18.26	21.95
6		11.55	14.13	28.83	43.42				28.26	28.26		42.56	42.56	54.20			67.56	79.22
200	219.1	2.77	3.76	8.18	12.70	6.35	7.04	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.23	
8		15.09	20.37	43.39	65.95	33.31	36.81	42.55	42.55	53.08	64.64	64.64	75.92	90.44	100.92	111.27	107.92	
250	273.1	3.40	4.19	9.27	12.70	6.35	7.80	9.27	9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40	
10		23.08	28.34	61.52	88.19	41.77	51.03	60.31	60.31	81.55	81.55	96.01	114.75	133.06	155.15	172.33	155.15	
300	323.9	3.96	4.57	9.52	12.70	6.35	8.38	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	25.40	
12		31.89	36.73	75.32	99.43	49.73	65.20	73.88	79.73	108.96	97.46	132.08	159.91	186.97	208.14	238.76	186.97	
350	355.6	3.96	4.78			6.35	7.92	9.53	9.53	11.13	15.09	12.70	19.05	23.83	27.79	31.75	35.71	
14		35.06	42.14			54.69	67.90	81.33	81.33	94.55	126.70	107.39	158.10	194.96	224.65	253.56	281.70	
400	406.4	4.19	4.78			6.35	7.92	9.53	9.53	12.70	16.66	12.70	21.44	26.19	30.96	36.53	40.49	
16		42.41	48.26			62.64	77.83	93.27	93.27	123.30	160.12	123.30	203.53	254.56	286.64	333.19	365.35	
450	457.2	4.19	4.78			6.35	7.92	11.13	9.53	14.27	19.05	12.70	23.88	29.36	34.93	39.67	45.24	
18		47.77	54.36			70.57	87.71	122.38	105.16	155.80	205.74	139.15	254.55	309.62	363.56	408.26	459.37	
500	508.0	4.78	5.54			6.35	9.53	12.70	9.53	15.09	20.62	12.70	26.19	32.54	38.10	44.45	50.01	
20		60.46	70.00			78.55	117.15	155.12	117.15	183.42	247.83	155.12	311.17	381.53	441.49	508.11	564.81	
550	558.8	4.78	5.54			6.35	9.53	12.70	9.53	-	22.23	12.70	28.58	34.93	41.28	47.63	53.98	
22		66.57	77.06			86.54	129.13	171.09	129.13	-	294.25	171.09	373.83	451.42	527.02	600.63	672.26	
600	609.6	5.54	6.35			6.35	9.53	14.27	9.53	17.48	24.61	12.70	30.96	38.89	46.02	52.37	59.54	
24		84.16	96.37			94.53	141.12	209.64	141.12	255.41	355.26	187.06	442.06	547.71	640.03	720.15	808.22	
650	660.4					7.92	12.70	-	9.53	-	-	12.70						
26						127.36	202.72	-	152.87	-	-	202.72						
700	711.2					7.92	12.70	15.88	9.53	-	-	12.70						
28						137.32	218.69	271.21	164.85	-	-	218.69						
750	762.0	6.35	7.92			7.92	12.70	15.88	9.53	-	-	12.70						
30		120.72	150.36			147.26	234.67	292.18	176.84	-	-	234.67						
800	812.8					7.92	12.70	15.88	9.53	17.48		12.70						
32						157.24	250.64	312.15	186.82	342.91		250.64						
850	863.6					7.92	12.70	15.88	9.53	17.48		12.70						
34						167.20	266.61	332.12	200.31	364.90		266.61						
900	914.4					7.92	12.70	15.88	9.53	19.05		12.70						
36						176.96	282.27	351.70	212.56	420.42		282.27						
950	965.2								9.53			12.70						
38									224.54			298.24						
1000	1016.0								9.53			12.70						
40									236.53			314.22						
1050	1066.8								9.53			12.70						
42									248.52			330.19						
1100	1117.8								9.53			12.70						
44									260.50			346.16						
1150	1168.4								9.53			12.70						
46									272.25			351.82						
1200	1219.2								9.53			12.70						
48									284.24			377.79						