



ASME/ANSI B36.10/19 - Carbon, Alloy and
Stainless Steel Pipes - Dimensions

Pipe Size (inches)	Outside Diameter (inches)	Identification			Wall Thickness - t - (inches)	Inside Diameter - d - (inches)
		Steel		Stainless Steel Schedule No.		
		Iron Pipe Size	Schedule No.			
1/8	0.405	.	.	10S	0.049	0.307
		STD	40	40S	0.068	0.269
		XS	80	80S	0.095	0.215
1/4	0.54	.	.	10S	0.065	0.41
		STD	40	40S	0.088	0.364
		XS	80	80S	0.119	0.302
3/8	0.675	.	.	10S	0.065	0.545
		STD	40	40S	0.091	0.493
		XS	80	80S	0.126	0.423
1/2	0.84	.	.	5S	0.065	0.71
		.	.	10S	0.083	0.674
		STD	40	40S	0.109	0.622
		XS	80	80S	0.147	0.546
		.	160	.	0.187	0.466
XXS	.	.	0.294	0.252		
3/4	1.05	.	.	5S	0.065	0.92
		.	.	10S	0.083	0.884
		STD	40	40S	0.113	0.824
		XS	80	80S	0.154	0.742
		.	160	.	0.219	0.612
XXS	.	.	0.308	0.434		
1	1.315	.	.	5S	0.065	1.185
		.	.	10S	0.109	1.097
		STD	40	40S	0.133	1.049
		XS	80	80S	0.179	0.957
		.	160	.	0.25	0.815
XXS	.	.	0.358	0.599		
1 1/4	1.66	.	.	5S	0.065	1.53
		.	.	10S	0.109	1.442
		STD	40	40S	0.14	1.38
		XS	80	80S	0.191	1.278
		.	160	.	0.25	1.16
XXS	.	.	0.382	0.896		

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		Steel		Stainless Steel Schedule No.		
		Iron Pipe Size	Schedule No.			
1 1/2	1.9	.	.	5S	0.065	1.77
		.	.	10S	0.109	1.682
		STD	40	40S	0.145	1.61
		XS	80	80S	0.2	1.5
		.	160	.	0.281	1.338
		XXS	.	.	0.4	1.1
2	2.375	.	.	5S	0.065	2.245
		.	.	10S	0.109	2.157
		STD	40	40S	0.154	2.067
		XS	80	80S	0.218	1.939
		.	160	.	0.344	1.687
		XXS	.	.	0.436	1.503
2 1/2	2.875	.	.	5S	0.083	2.709
		.	.	10S	0.12	2.635
		STD	40	40S	0.203	2.469
		XS	80	80S	0.276	2.323
		.	160	.	0.375	2.125
		XXS	.	.	0.552	1.771
3	3.5	.	.	5S	0.083	3.334
		.	.	10S	0.12	3.26
		STD	40	40S	0.216	3.068
		XS	80	80S	0.3	2.9
		.	160	.	0.438	2.624
		XXS	.	.	0.6	2.3
3 1/2	4	.	.	5S	0.083	3.834
		.	.	10S	0.12	3.76
		STD	40	40S	0.226	3.548
		XS	80	80S	0.318	3.364
4	4.5	.	.	5S	0.083	4.334
		.	.	10S	0.12	4.26
		STD	40	40S	0.237	4.026
		XS	80	80S	0.337	3.826
		.	120	.	0.438	3.624
		.	160	.	0.531	3.438
		XXS	.	.	0.674	3.152



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		Steel		Stainless Steel Schedule No.		
		Iron Pipe Size	<u>Schedule</u> <u>No.</u>			
5	5.563	.	.	5S	0.109	5.345
		.	.	10S	0.134	5.295
		STD	40	40S	0.258	5.047
		XS	80	80S	0.375	4.813
		.	120	.	0.5	4.563
		.	160	.	0.625	4.313
		XXS	.	.	0.75	4.063
6	6.625	.	.	5S	0.109	6.407
		.	.	10S	0.134	6.357
		STD	40	40S	0.28	6.065
		XS	80	80S	0.432	5.761
		.	120	.	0.562	5.501
		.	160	.	0.718	5.189
		XXS	.	.	0.864	4.897
8	8.625	.	.	5S	0.109	8.407
		.	.	10S	0.148	8.329
		.	20	.	0.25	8.125
		.	30	.	0.277	8.071
		STD	40	40S	0.322	7.981
		.	60	.	0.406	7.813
		XS	80	80S	0.5	7.625
		.	100	.	0.594	7.437
		.	120	.	0.719	7.187
		.	140	.	0.812	7.001
		XXS	.	.	0.875	6.875
		.	160	.	0.906	6.813



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		Steel		Stainless Steel Schedule No.		
		Iron Pipe Size	Schedule No.			
10	10.75	.	.	5S	0.134	10.482
		.	.	10S	0.165	10.42
		.	20	.	0.25	10.25
		.	30	.	0.307	10.136
		STD	40	40S	0.365	10.02
		XS	60	80S	0.5	9.75
		.	80	.	0.594	9.562
		.	100	.	0.719	9.312
		.	120	.	0.844	9.062
		.	140	.	1	8.75
.	160	.	1.125	8.5		
12	12.75	.	.	5S	0.156	12.438
		.	.	10S	0.18	12.39
		.	20	.	0.25	12.25
		.	30	.	0.33	12.09
		STD	.	40S	0.375	12
		.	40	.	0.406	11.938
		XS	.	80S	0.5	11.75
		.	60	.	0.562	11.626
		.	80	.	0.688	11.374
		.	100	.	0.844	11.062
.	120	.	1	10.75		
.	140	.	1.125	10.5		
.	160	.	1.312	10.126		
14	14	.	.	5S	0.156	13.688
		.	.	10S	0.188	13.624
		.	10	.	0.25	13.5
		.	20	.	0.312	13.376
		STD	30	.	0.375	13.25
		.	40	.	0.438	13.124
		XS	.	.	0.5	13
		.	60	.	0.594	12.812
		.	80	.	0.75	12.5
		.	100	.	0.938	12.124
		.	120	.	1.094	11.812
		.	140	.	1.25	11.5
..	160	.	1.406	11.188		



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		Steel		Stainless Steel Schedule No.		
		Iron Pipe Size	Schedule No.			
16	16	.	.	5S	0.165	15.67
		.	.	10S	0.188	15.624
		.	10	.	0.25	15.5
		.	20	.	0.312	15.376
		STD	30	.	0.375	15.25
		XS	40	.	0.5	15
		.	60	.	0.656	14.688
		.	80	.	0.844	14.312
		.	100	.	1.031	13.938
		.	120	.	1.219	13.562
		.	140	.	1.438	13.124
.	160	.	1.594	12.812		
18	18	.	.	5S	0.165	17.67
		.	.	10S	0.188	17.624
		.	10	.	0.25	17.5
		.	20	.	0.312	17.376
		STD	.	.	0.375	17.25
		.	30	.	0.438	17.124
		XS	.	.	0.5	17
		.	40	.	0.562	16.876
		.	60	.	0.75	16.5
		.	80	.	0.938	16.124
		.	100	.	1.156	15.688
.	120	.	1.375	15.25		
.	140	.	1.562	14.876		
.	160	.	1.781	14.438		