



# Technical

## Pipe Sizes and Threads

### Stainless Steel Pipe Sizes

Nominal Size (inches)	Outside Diameter (inches)	Schedule 5 Extra Light Weight			Schedule 10 Light Weight			Schedule 40 Standard Weight		
		Wall (inches)	I.D. (inches)	Wt./Ft. (lbs)	Wall (inches)	I.D. (inches)	Wt./Ft. (lbs)	Wall (inches)	I.D. (inches)	Wt./Ft. (lbs)
1/8"	0.405	-	-	-	.049	.307	.1863	.068	.269	.2447
1/4"	0.540	-	-	-	.065	.410	.3297	.088	.364	.4248
3/8"	0.675	-	-	-	.065	.545	.4235	.091	.493	.5576
1/2"	0.840	.065	.710	.3580	.083	.674	.6710	.109	.622	.8510
3/4"	1.050	.065	.920	.6838	.083	.884	.8572	.113	.824	1.131
1"	1.315	.065	1.185	.8678	.109	1.097	1.404	.133	1.049	1.679
1 1/4"	1.660	.065	1.530	1.107	.109	1.442	1.806	.140	1.380	2.273
1 1/2"	1.900	.065	1.770	1.274	.109	1.682	2.085	.145	1.610	2.718
2"	2.375	.065	2.245	1.604	.109	2.157	2.638	.154	2.067	3.653
2 1/2"	2.875	.083	2.709	2.475	.120	2.635	3.531	.203	2.469	5.793
3"	3.500	.083	3.334	3.029	.120	3.260	4.332	.216	3.068	7.576
3 1/2"	4.000	.083	3.834	3.472	.120	3.760	4.973	.226	3.548	9.109
4"	4.500	.085	4.334	3.915	.120	4.260	5.613	.237	4.026	10.79
5"	5.568	.109	5.345	6.349	.134	5.295	7.770	.258	5.047	14.62
6"	6.625	.109	6.407	7.585	.134	6.357	9.289	.280	6.065	18.97

### American Standard Taper Pipe Threads

Nominal Pipe Size	Outside Diameter or Pipe (Inches)	Threads per Inch	Pitch of Thread (Inches)	Pitch Diameter at Beginning of external Thread (Inches)	Handtight Engagement (Inches)	Effective Thread External (Inches)
1/16"	0.3125	27	0.03704	0.27118	0.160	0.2611
1/8"	0.405	27	0.03704	0.36351	0.1615	0.2639
1/4"	0.540	18	0.05556	0.47789	0.2278	0.4018
3/8"	0.675	18	0.05556	0.61201	0.240	0.4078
1/2"	0.840	14	0.07143	0.75843	0.320	0.5337
3/4"	1.050	14	0.07143	0.96768	0.339	0.5457
1"	1.315	11 1/2	0.08696	1.21363	0.400	0.6828
1 1/4"	1.660	11 1/2	0.08696	1.55713	0.420	0.7668
1 1/2"	1.900	11 1/2	0.08696	1.79609	0.420	0.7285
2"	2.375	11 1/2	0.08696	2.26902	0.436	0.7565
2 1/2"	2.875	8	0.12500	2.71953	0.682	1.1375