

PIPE DATA

ANSI B 36.10-1975
ANSI B 36.19-1976

Dimensions and Weights of Welded and Seamless Steel Pipe

Nominal Pipe Size	Outside Diameter		Identification			Wall Thickness		Inside Diameter		Area of Metal		Weight							
			Wall	Steel Schedule No.	Stainless Steel Schedule No.	inches	mm	inches	mm	Sq.in	Sq.cm	lb/ft	kg/m						
	inches	mm																	
1/4	0.405	10.29	STD XS	40 80	10S 40S 80S	0.049	1.24	0.307	7.80	0.0548	0.354	0.19	0.28						
						0.068	1.73	0.269	6.83	0.0720	0.464	0.24	0.36						
						0.095	2.41	0.215	5.46	0.0925	0.597	0.31	0.47						
3/8	0.540	13.72	STD XS	40 80	10S 40S 80S	0.065	1.65	0.410	10.41	0.0970	0.626	0.33	0.49						
						0.088	2.24	0.364	9.25	0.1250	0.806	0.42	0.63						
						0.119	3.02	0.302	7.67	0.1574	1.02	0.54	0.80						
1/2	0.675	17.15	STD XS	40 80	10S 40S 80S	0.065	1.65	0.545	13.84	0.1246	0.804	0.42	0.63						
						0.091	2.31	0.493	12.52	0.1670	1.08	0.57	0.84						
						0.126	3.20	0.423	10.74	0.2173	1.40	0.74	1.10						
5/8	0.840	21.34	STD XS	40 80 160	5S 10S 40S 80S	0.065	1.65	0.710	18.03	0.1583	1.02	0.54	0.80						
						0.083	2.11	0.674	17.12	0.1974	1.27	0.67	1.00						
						0.109	2.77	0.622	15.80	0.2503	1.61	0.85	1.27						
						0.147	3.73	0.546	13.87	0.3200	2.06	1.09	1.62						
						0.188	4.78	0.464	11.79	0.3851	2.48	1.31	1.95						
						0.294	7.47	0.252	6.40	0.5043	3.25	1.71	2.55						
3/4	1.050	26.67	STD XS	40 80 160	5S 10S 40S 80S	0.065	1.65	0.920	23.37	0.2011	1.30	0.68	1.02						
						0.083	2.11	0.884	22.45	0.2521	1.63	0.86	1.28						
						0.113	2.87	0.824	20.93	0.3326	2.15	1.13	1.68						
						0.154	3.91	0.742	18.85	0.4335	2.80	1.47	2.19						
						0.219	5.56	0.612	15.54	0.5717	3.69	1.94	2.89						
						0.308	7.82	0.434	11.02	0.7180	4.63	2.44	3.63						
1	1.315	33.40	STD XS	40 80 160	5S 10S 40S 80S	0.065	1.65	1.185	30.10	0.2553	1.65	0.87	1.29						
						0.109	2.77	1.097	27.86	0.4130	2.66	1.40	2.09						
						0.133	3.38	1.049	26.64	0.4939	3.19	1.68	2.50						
						0.179	4.55	0.957	24.31	0.6388	4.12	2.17	3.23						
						0.250	6.35	0.815	20.70	0.8365	5.40	2.84	4.23						
						0.358	9.09	0.599	15.21	1.076	6.94	3.66	5.45						
1 1/4	1.660	42.16	STD XS	40 80 160	5S 10S 40S 80S	0.065	1.65	1.530	38.86	0.3257	2.10	1.11	1.65						
						0.109	2.77	1.442	36.63	0.5311	3.43	1.81	2.69						
						0.140	3.56	1.380	35.05	0.6685	4.31	2.27	3.38						
						0.191	4.85	1.278	32.46	0.8815	5.69	3.00	4.46						
						0.250	6.35	1.160	29.46	1.107	7.14	3.76	5.60						
						0.382	9.70	0.896	22.76	1.534	9.89	5.21	7.76						
1 1/2	1.900	48.26	STD XS	40 80 160	5S 10S 40S 80S	0.065	1.65	1.770	44.96	0.3747	2.42	1.27	1.90						
						0.109	2.77	1.682	42.72	0.6133	3.96	2.08	3.10						
						0.145	3.68	1.610	40.89	0.7995	5.16	2.72	4.04						
						0.200	5.08	1.500	38.10	1.068	6.89	3.63	5.40						
						0.281	7.14	1.338	33.99	1.429	9.22	4.86	7.23						
						0.400	10.16	1.100	27.94	1.885	12.16	6.41	9.54						
2	2.375	60.33	STD XS	40 80 160	5S 10S 40S 80S	0.065	1.65	2.245	57.02	0.4717	3.04	1.60	2.39						
						0.109	2.77	2.157	54.79	0.7760	5.01	2.64	3.93						
						0.154	3.91	2.067	52.50	1.075	6.93	3.65	5.44						
						0.218	5.54	1.939	49.25	1.477	9.53	5.02	7.47						
						0.344	8.74	1.687	42.85	2.195	14.16	7.46	11.10						
						0.436	11.07	1.503	38.18	2.656	17.13	9.03	13.44						
2 1/2	2.875	73.03	STD XS	40 80 160	5S 10S 40S 80S	0.083	2.11	2.709	68.81	0.7280	4.70	2.47	3.68						
						0.120	3.05	2.635	66.93	1.039	6.70	3.53	5.25						
						0.203	5.16	2.469	62.71	1.704	10.99	5.79	8.62						
						0.276	7.01	2.323	59.00	2.254	14.54	7.66	11.40						
						0.375	9.53	2.125	53.98	2.945	19.00	10.01	14.90						
						0.552	14.02	1.771	44.98	4.028	25.99	13.69	20.38						
3	3.500	88.90	STD XS	40 80 160	5S 10S 40S 80S	0.083	2.11	3.334	84.68	0.8910	5.75	3.03	4.51						
						0.120	3.05	3.260	82.80	1.274	8.22	4.33	6.45						
						0.216	5.49	3.068	77.93	2.228	14.38	7.58	11.27						
						0.300	7.62	2.900	73.66	3.016	19.46	10.25	15.26						
						0.438	11.13	2.624	66.65	4.213	27.18	14.32	21.32						
						0.600	15.24	2.300	58.42	5.466	35.27	18.58	27.66						
3 1/2	4.000	101.60	STD XS	40 80	5S 10S 40S 80S	0.083	2.11	3.834	97.38	1.021	6.59	3.47	5.17						
						0.120	3.05	3.760	95.50	1.463	9.44	4.97	7.40						
						0.226	5.74	3.548	90.12	2.680	17.29	9.11	13.56						
						0.318	8.08	3.364	85.45	3.678	23.73	12.50	18.61						
						4	4.500	114.30	STD XS	40 80 120 160	5S 10S 40S 80S	0.083	2.11	4.334	110.08	1.152	7.43	3.92	5.83
												0.120	3.05	4.260	108.20	1.651	10.65	5.61	8.35
0.237	6.02	4.026	102.26	3.174	20.48							10.79	16.06						
0.337	8.56	3.826	97.18	4.407	28.44							14.98	22.30						
0.438	11.13	3.624	92.05	5.589	36.06							19.00	28.28						
0.531	13.49	3.438	87.33	6.621	42.72							22.51	33.50						
0.674	17.12	3.152	80.06	8.101	52.27	27.54	40.99												
5	5.563	141.30	STD XS	40 80 120 160	5S 10S 40S 80S	0.109	2.77	5.345	135.76	1.868	12.05	6.35	9.45						
						0.134	3.40	5.295	134.49	2.285	14.74	7.77	11.56						
						0.258	6.55	5.047	128.19	4.300	27.74	14.62	21.75						
						0.375	9.53	4.813	122.25	6.112	39.43	20.78	30.92						
						0.500	12.70	4.563	115.90	7.953	51.31	27.04	40.24						
						0.625	15.88	4.313	109.55	9.696	62.55	32.96	49.05						
0.750	19.05	4.063	103.20	11.34	73.16	38.55	57.37												

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PIPE DATA

ANSI B36.10—1975
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Dimensions and Weights of Welded and Seamless Steel Pipe — *continued*

Nominal Pipe Size	Outside Diameter		Identification			Wall Thickness		Inside Diameter		Area of Metal		Weight					
			Steel		Stainless Steel Schedule No.												
	inches	mm	Wall	Schedule No.		inches	mm	inches	mm	Sq.in	Sq.cm	lb/ft	kg/m				
6	6.625	168.28	STD	40	5S	0.109	2.77	6.407	162.74	2.231	14.40	7.59	11.29				
					10S	0.134	3.40	6.357	161.47	2.733	17.63	9.29	13.82				
					40S	0.280	7.11	6.065	154.05	5.581	36.01	18.97	28.24				
					80S	0.432	10.97	5.761	146.33	8.405	54.23	28.57	42.52				
					120	0.562	14.27	5.501	139.73	10.70	69.06	36.39	54.16				
			XXS	160	0.719	18.26	5.187	131.75	13.34	86.07	45.35	67.49					
					0.864	21.95	4.897	124.38	15.64	100.89	53.16	79.11					
				8	8.625	219.08	STD	20	5S	0.109	2.77	8.407	213.54	2.916	18.81	9.91	14.75
									10S	0.148	3.76	8.329	211.56	3.941	25.43	13.40	19.94
									30	0.250	6.35	8.125	206.38	6.578	42.44	22.36	33.28
40	0.277	7.04	8.071						205.00	7.265	46.87	24.70	36.75				
40S	0.322	8.18	7.981						202.72	8.399	54.19	28.55	42.49				
XXS	60	0.406	10.31				7.813	198.45	10.48	67.63	35.64	53.04					
	80	0.500	12.70				7.625	193.68	12.76	82.34	43.39	64.57					
	100	0.594	15.09				7.437	188.90	14.99	96.69	50.95	75.82					
	120	0.719	18.26				7.187	182.55	17.86	115.2	60.71	90.35					
	140	0.812	20.62				7.001	177.83	19.93	128.6	67.76	100.83					
	0.875	22.23	6.875	174.63	21.30	137.4	72.42	107.78									
	0.906	23.01	6.813	173.05	21.97	141.7	74.69	111.15									
10	10.750	273.05	STD	20	5S	0.134	3.40	10.482	266.24	4.469	28.83	15.19	22.61				
					10S	0.165	4.19	10.420	264.67	5.487	35.40	18.65	27.76				
					30	0.250	6.35	10.250	260.35	8.247	53.20	28.04	41.72				
					40	0.307	7.80	10.136	257.45	10.07	64.98	34.24	50.96				
					40S	0.365	9.27	10.020	254.51	11.91	76.83	40.48	60.25				
			XXS	60	0.500	12.70	9.750	247.65	16.10	103.9	54.74	81.46					
				80	0.594	15.09	9.562	242.87	18.95	122.3	64.43	95.88					
				100	0.719	18.26	9.312	236.52	22.66	146.2	77.03	114.63					
				120	0.844	21.44	9.062	230.17	26.27	169.5	89.29	132.88					
				140	1.000	25.40	8.750	222.25	30.63	197.6	104.13	154.97					
	1.125	28.58	8.500	215.90	34.02	219.5	115.64	172.10									
12	12.750	323.85	STD	20	5S	0.156	3.96	12.438	315.93	6.172	39.82	20.98	31.23				
					10S	0.180	4.57	12.390	314.71	7.108	45.86	24.16	35.96				
					30	0.250	6.35	12.250	311.15	9.818	63.34	33.38	49.67				
					40	0.330	8.38	12.090	307.09	12.88	83.07	43.77	65.14				
					40S	0.375	9.53	12.000	304.80	14.58	94.06	49.56	73.76				
			XXS	60	0.406	10.31	11.938	303.23	15.74	101.6	53.52	79.66					
				80	0.500	12.70	11.750	298.45	19.24	124.1	65.42	97.35					
				100	0.562	14.27	11.626	295.30	21.52	138.8	73.15	108.87					
				120	0.688	17.48	11.374	288.90	26.07	168.2	88.63	131.90					
				140	0.844	21.44	11.062	280.97	31.57	203.7	107.32	159.71					
	1.000	25.40	10.750	273.05	36.91	238.2	125.49	186.75									
	1.125	28.58	10.500	266.70	41.09	265.1	139.67	207.86									
	1.312	33.32	10.126	257.20	47.14	304.2	160.27	238.52									
14	14.000	355.60	STD	10	5S	0.156	3.96	13.688	347.68	6.785	43.77	23.07	34.33				
					10S	0.188	4.78	13.624	346.05	8.158	52.63	27.73	41.27				
					20	0.250	6.35	13.500	342.90	10.80	69.67	36.71	54.64				
					30	0.312	7.92	13.376	339.75	13.42	86.56	45.61	67.88				
					40	0.375	9.53	13.250	336.55	16.05	103.6	54.57	81.21				
			XXS	60	0.438	11.13	13.124	333.35	18.66	120.4	63.44	94.41					
				80	0.500	12.70	13.000	330.20	21.21	136.8	72.09	107.28					
				100	0.594	15.09	12.812	325.42	25.02	161.4	85.05	126.57					
				120	0.750	19.05	12.500	317.50	31.22	201.4	106.13	157.95					
				140	0.938	23.83	12.124	307.95	38.49	248.3	130.85	194.74					
	1.094	27.79	11.812	300.02	44.36	286.2	150.79	224.41									
	1.250	31.75	11.500	292.10	50.07	323.0	170.21	253.31									
	1.406	35.71	11.188	284.18	55.63	358.9	189.11	281.44									
16	16.000	406.40	STD	10	5S	0.165	4.19	15.670	398.02	8.208	52.96	27.90	41.53				
					10S	0.188	4.78	15.624	396.85	9.339	60.25	31.75	47.25				
					20	0.250	6.35	15.500	393.70	12.37	79.81	42.05	62.58				
					30	0.312	7.92	15.376	390.55	15.38	99.21	52.27	77.80				
					40	0.375	9.53	15.250	387.35	18.41	118.8	62.58	93.13				
			XXS	60	0.500	12.70	15.000	381.00	24.35	157.1	82.77	123.18					
				80	0.656	16.66	14.688	373.08	31.62	204.0	107.50	159.98					
				100	0.844	21.44	14.312	363.52	40.19	259.3	136.61	203.31					
				120	1.031	26.19	13.938	354.03	48.48	312.8	164.82	245.29					
				140	1.219	30.96	13.562	344.47	56.61	365.2	192.43	286.38					
	1.438	36.53	13.124	333.35	65.79	424.4	223.64	332.82									
	1.594	40.49	12.812	325.42	72.14	465.4	245.25	364.98									

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PIPE DATA

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Dimensions and Weights of Welded and Seamless Steel Pipe — continued

Nominal Size Pipe inches	Outside Diameter		Identification			Wall Thickness		Inside Diameter		Area of Metal		Weight							
			Wall	Steel Schedule No.	Stainless Steel Schedule No.	inches	mm	inches	mm	Sq.in	Sq.cm	lb/ft	kg/m						
	inches	mm																	
18	18.000	457.20	STD XS		SS 10S	0.165	4.19	17.670	448.82	9.245	59.65	31.43	46.77						
						0.188	4.78	17.624	447.65	10.52	67.87	35.76	53.22						
						0.250	6.35	17.500	444.50	13.94	89.94	47.39	70.53						
						0.312	7.92	17.376	441.35	17.34	111.9	58.94	87.71						
						0.375	9.53	17.250	438.15	20.76	134.0	70.59	105.05						
						0.438	11.13	17.124	434.95	24.17	155.9	82.15	122.26						
						0.500	12.70	17.000	431.80	27.49	177.3	93.45	139.07						
						0.562	14.27	16.876	428.65	30.79	198.6	104.67	155.76						
						0.750	19.05	16.500	419.10	40.64	262.2	138.17	205.63						
						0.938	23.83	16.124	409.55	50.28	324.4	170.92	254.37						
						1.156	29.36	15.688	398.48	61.17	394.7	207.96	309.48						
						1.375	34.93	15.250	387.35	71.82	463.3	244.14	363.33						
						1.562	39.67	14.876	377.85	80.66	520.4	274.22	408.10						
						1.781	45.24	14.438	366.73	90.75	585.5	308.50	459.11						
20	20.000	508.00	STD XS		SS 10S	0.188	4.78	19.624	498.45	11.70	75.49	39.78	59.20						
						0.218	5.54	19.564	496.93	13.55	87.41	46.06	68.54						
						0.250	6.35	19.500	495.30	15.51	100.1	52.73	78.48						
						0.375	9.53	19.250	488.95	23.12	149.2	78.60	116.97						
						0.500	12.70	19.000	482.60	30.63	197.6	104.13	154.97						
						0.594	15.09	18.812	477.82	36.21	233.6	123.11	183.21						
						0.812	20.62	18.376	466.75	48.95	315.8	166.40	247.64						
						1.031	26.19	17.938	455.63	61.44	396.4	208.87	310.84						
						1.281	32.54	17.438	442.93	75.33	486.0	256.10	381.12						
						1.500	38.10	17.000	431.80	87.18	562.4	296.37	441.06						
						1.750	44.45	16.500	419.10	100.33	647.3	341.09	507.61						
						1.969	50.01	16.062	407.97	111.54	719.6	379.17	564.28						
						22	22.000	558.80	STD XS		SS 10S	0.188	4.78	21.624	549.25	12.88	83.11	43.80	65.18
												0.218	5.54	21.564	547.73	14.92	96.24	50.71	75.47
0.250	6.35	21.500	546.10	17.08	110.2							58.07	86.42						
0.375	9.53	21.250	539.75	25.48	164.4							86.61	128.89						
0.500	12.70	21.000	533.40	33.77	217.9							114.81	170.86						
0.875	22.23	20.250	514.35	58.07	374.6							197.41	293.79						
1.125	28.58	19.750	501.65	73.78	476.0							250.81	373.26						
1.375	34.93	19.250	488.95	89.09	574.8							302.88	450.74						
1.625	41.28	18.750	476.25	104.02	671.1							353.61	526.24						
1.875	47.63	18.250	463.55	118.55	764.8							403.00	599.75						
2.125	53.98	17.750	450.85	132.68	856.0							451.06	671.27						
24	24.000	609.60	STD XS		SS 10S							0.218	5.54	23.564	598.53	16.29	105.1	55.37	82.40
												0.250	6.35	23.500	596.90	18.65	120.3	63.41	94.37
												0.375	9.53	23.250	590.55	27.83	179.6	94.62	140.81
						0.500	12.70	23.000	584.20	36.91	238.2	125.49	186.75						
						0.562	14.27	22.876	581.05	41.38	267.0	140.68	209.36						
						0.688	17.48	22.624	574.65	50.39	325.1	171.29	254.92						
						0.969	24.61	22.062	560.37	70.11	452.3	238.35	354.71						
						1.219	30.96	21.562	547.67	87.24	562.9	296.58	441.38						
						1.531	38.89	20.938	531.83	108.07	697.2	367.39	546.75						
						1.812	46.02	20.376	517.55	126.31	814.9	429.39	639.01						
						2.062	52.37	19.876	504.85	142.11	916.9	483.12	718.98						
						2.344	59.54	19.312	490.52	159.47	1028.9	542.13	806.80						
						26	26.000	660.40	STD XS			0.312	7.92	25.376	644.55	25.18	162.4	85.60	127.38
												0.375	9.53	25.250	641.35	30.19	194.8	102.63	152.73
0.500	12.70	25.000	635.00	40.06	258.4							136.17	202.65						
28	28.000	711.20	STD XS			0.312	7.92	27.376	695.35	27.14	175.1	92.26	137.30						
						0.375	9.53	27.250	692.15	32.55	210.0	110.64	164.65						
						0.500	12.70	27.000	685.80	43.20	278.7	146.85	218.54						
30	30.000	762.00	STD XS		SS 10S	0.250	6.35	29.500	749.30	23.37	150.7	79.43	118.21						
						0.312	7.92	29.376	746.15	29.10	187.7	98.93	147.22						
						0.375	9.53	29.250	742.95	34.90	225.2	118.65	176.57						
32	32.000	812.80	STD XS			0.500	12.70	29.000	736.60	46.34	299.0	157.53	234.44						
						0.625	15.88	28.750	730.25	57.68	372.1	196.08	291.80						
						0.312	7.92	31.376	796.95	31.06	200.4	105.59	157.14						
34	34.000	863.60	STD XS			0.375	9.53	31.250	793.75	37.26	240.4	126.66	188.49						
						0.500	12.70	31.000	787.40	49.48	319.2	168.21	250.33						
						0.625	15.88	30.750	781.05	61.60	397.4	209.43	311.67						
36	36.000	914.40	STD XS			0.688	17.48	30.624	777.85	67.68	436.6	230.08	342.40						
						0.312	7.92	33.376	847.75	33.02	213.0	112.25	167.06						
						0.375	9.53	33.250	844.55	39.61	255.6	134.67	200.41						
36	36.000	914.40	STD XS			0.500	12.70	33.000	838.20	52.62	339.5	178.89	266.22						
						0.625	15.88	32.750	831.85	65.53	422.8	222.78	331.54						
						0.750	19.05	34.500	876.30	83.06	535.8	282.35	420.20						