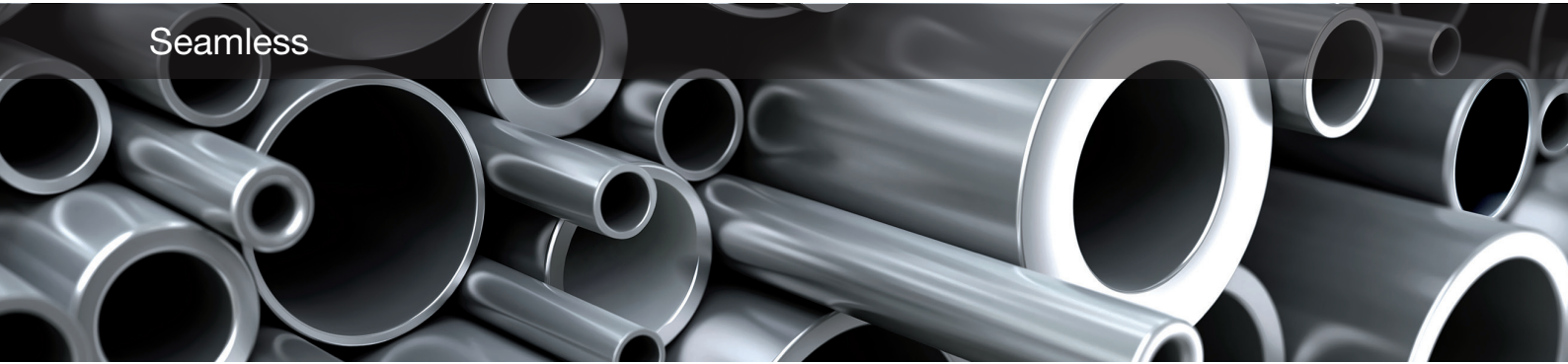




# Dimensions & Weights of Stainless Steel Pipe



Seamless

	Nominal Pipe Size NPS/ Diameter Nominal DN inches / mm	Outside Diameter		Wall Thickness				Identification Schedule Number				
		inches	mm	inches	mm	kg/m	lb/ft	ANSI B36.10		ANSI B36.19		
								STD	XS			
Cold finished production	1/8 3	0.405	10.3	0.035	0.89	0.209	0.143	STD	5	5S		
				0.049	1.24	0.281	0.192				10	10S
				0.068	1.73	0.371	0.254				40	40S
				0.095	2.41	0.476	0.326				80	80S
	1/4 6	0.540	13.7	0.049	1.24	0.387	0.265	STD	5	5S		
				0.065	1.65	0.498	0.341				10	10S
				0.088	2.24	0.643	0.441				40	40S
				0.119	3.02	0.808	0.554				80	80S
	3/8 10	0.675	17.1	0.065	1.65	0.640	0.438	STD	5	5S		
				0.083	2.11	0.638	0.544				10	10S
				0.109	2.31	0.855	0.683				40	40S
				0.147	3.20	1.114	0.858				80	80S
1/2 15	0.840	21.3	0.064	1.65	0.812	0.548	STD	40	5S			
			0.083	2.11	1.014	0.696				10S		
			0.109	2.77	1.285	0.882				40S		
			0.147	3.73	1.641	1.126				80	80S	
			0.187	4.78	1.977	1.356				160		
3/4 20	1.050	26.7	0.064	1.65	1.035	0.705	STD	40	5S			
			0.083	2.11	1.299	0.889				10S		
			0.113	2.87	1.713	1.171				40S		
			0.154	3.91	2.231	1.526				80	80S	
			0.218	5.56	2.943	2.013				160		
1 25	1.315	33.4	0.064	1.65	1.312	0.890	STD	40	5S			
			0.109	2.77	2.125	1.455				10S		
			0.133	3.38	2.541	1.740				40S		
			0.179	4.55	3.287	2.251				80	80S	
			0.250	6.35	4.301	2.944				160		
1 1/4 32	1.660	42.2	0.064	1.65	1.675	1.130	STD	40	5S			
			0.109	2.77	2.735	1.871				10S		
			0.140	3.56	3.444	2.356				40S		
			0.191	4.85	4.536	3.103				80	80S	
			0.250	6.35	5.700	3.896				160		
1 1/2 40	1.900	48.3	0.064	1.65	1.927	1.308	STD	40	5S			
			0.109	2.77	3.158	2.160				10S		
			0.145	3.68	4.112	2.813				40S		
			0.200	5.08	5.498	3.761				80	80S	
			0.281	7.14	7.359	5.026				160		
2 50	2.375	60.3	0.064	1.65	2.423	1.643	STD	40	5S			
			0.109	2.77	3.990	2.734				10S		
			0.154	3.91	5.521	3.783				40S		
			0.218	5.54	7.596	5.205				80	80S	
			0.348	8.74	11.284	7.724				160		
			0.436	11.07	13.646	9.347	XXS					

Hot finished production

Tolerances	Outside Diameter	Hot Extruded	Cold Finished Tubes			
	EN ISO 1127 tolerance class	D2	D2	D3	D4	
	Permissible deviation	± 1.0% (min. ± 0.5 mm (±0.0197"))	± 1.0% (min. ± 0.5 mm (±0.0197"))	± 0.75% (min. ± 0.3 mm (±0.0012"))	± 0.5% (min. ± 0.1 mm (±0.0039"))	
Tolerances	Wall thickness	Hot Extruded		Cold Finished		
	EN ISO 1127 tolerance class	≤ 5 mm (0.1969")	> 5 mm (0.1969")	T3	T4 (on request)	
	Permissible deviation	± 15.0% (min. ± 0.6 mm (±0.0236"))	± 12.5% (min. ± 0.4 mm (±0.0157"))	± 10% (min. ± 0.2 mm (±0.0074"))	± 7.5% (min. ± 0.05 mm (±0.002"))	

# Dimensions & Weights of Stainless Steel Pipe

Seamless

Nominal Pipe Size NPS/ Diameter Nominal DN inches / mm	Outside Diameter		Wall Thickness		kg/m	lb/ft	Identification Schedule Number		
	inches	mm	inches	mm			ANSI B36.10	ANSI B36.19	
2½ 65	2.875	73.0	0.083	2.11	3.745	2.527			5S
			0.120	3.05	5.342	3.660			10S
			0.203	5.16	8.765	6.005	STD	40	40S
			0.276	7.01	11.583	7.936	XS	80	80S
			0.375	9.53	15.146	10.367		160	
			0.552	14.02	20.706	14.174		XXS	
3 80	3.500	88.9	0.083	2.11	4.585	3.088			5S
			0.120	3.05	6.557	4.490			10S
			0.216	5.49	11.466	7.851	STD	40	40S
			0.300	7.62	15.509	10.620	XS	80	80S
			0.437	11.13	21.674	14.825		160	
			0.600	15.24	28.109	19.235		XXS	
3½ 90	4.000	101.6	0.083	2.11	5.260	3.547			5S
			0.120	3.05	7.526	5.149			10S
			0.226	5.74	13.778	9.435	STD	40	40S
			0.318	8.08	18.921	12.956	XS	80	80S
4 100	4.500	114.3	0.083	2.11	5.927	3.999			5S
			0.120	3.05	8.496	5.807			10S
			0.237	6.02	16.322	11.177	STD	40	40S
			0.337	8.56	22.665	15.520	XS	80	80S
			0.439	11.13	28.753	19.666		120	
			0.531	13.49	34.053	23.295		160	
5 125	5.563	141.3	0.674	17.12	41.660	28.506			XXS
			0.134	3.40	11.740	8.039			10S
			0.258	6.55	22.101	15.134	STD	40	40S
			0.375	9.53	31.444	21.531	XS	80	80S
			0.501	12.70	40.896	27.986		120	
			0.625	15.88	49.871	34.121		160	
6 150	6.625	168.3	0.750	19.05	58.315	39.907			XXS
			0.134	3.40	14.039	9.607			10S
			0.280	7.11	28.697	19.648	STD	40	40S
			0.432	10.97	43.217	29.589	XS	80	80S
			0.563	14.27	55.038	37.668		120	
			0.719	18.26	68.603	46.947		160	
8 200	8.625	219.1	0.864	21.95	80.438	55.027			XXS
			0.148	3.76	20.274	13.885			10S
			0.250	6.35	33.828	23.008		20	
			0.277	7.04	37.376	25.206		30	
			0.322	8.18	43.202	29.136	STD	40	40S
			0.406	10.31	53.902	36.347		60	
			0.500	12.70	65.637	44.263	XS	80	80S
			0.594	15.09	77.086	51.987		100	
			0.719	18.26	91.830	61.929		120	
			0.812	20.62	102.480	69.105		140	
10 250	10.750	273.0	0.875	22.23	109.586	74.967			XXS
			0.906	23.01	112.981	76.199		160	
			0.165	4.19	28.209	19.310			10S
			0.307	7.80	51.808	34.943		30	
			0.365	9.27	61.230	41.298	STD	40	40S
			0.500	12.70	82.796	55.842	XS	60	80S
			0.594	15.09	97.494	65.743		80	
			0.719	18.26	116.501	78.576		100	
			0.844	21.44	135.083	91.113		120	
			1.000	25.40	157.515	106.240	XXS	140	
12 300	12.750	323.9	1.125	28.58	174.960	118.004			XXS
			0.180	4.57	36.536	25.014			10S
			0.375	9.53	75.006	50.590	STD	40	40S
			0.406	10.31	80.944	54.595		60	
			0.500	12.70	98.948	66.736	XS	80	80S
			0.562	14.27	110.619	74.611		100	
			0.688	17.48	134.098	90.442		120	
			0.844	21.44	162.351	109.499		140	
			1.000	25.40	189.819	128.029	XXS	160	
			1.125	28.58	211.309	142.525		140	
1.312	33.32	242.400	163.492		160				

Cold finished production

Hot finished production

Details of specific cold and hot finished production sizes available upon request.

Weight in kg/m is calculated based upon a nominal density of 7.97g/cm³ (0.288 lb/in³)

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