

STEEL PIPE DIMENSION AND WEIGHT TABLE

Top Line = Wall Thickness In Inches

Second Line = Weight Per Foot In Pounds

Pipe Size (in.)	Outer Diameter (in.)	Schedule					Std.	Schedule		X-Heavy	Schedule				XX-Heavy
		5	10	20	30	40		60	80		100	120	140	160	
1/8	0.405	.035	.049			.068	.068		.095	.095					
		.138	.1863			2.447	2.447		.3145	.3145					
1/4	0.540	.049	.065			.088	.088		.119	.119					
		.2570	.3297			.4248	.4248		.5351	.5351					
3/8	0.675	.049	.065			.091	.091		.126	.126					
		.3276	.4235			.5676	.5676		.7388	.7388					
1/2	0.840	.065	.083			.109	.109		.147	.147				.187	.294
		.5383	.6710			.8510	.8510		1.088	1.088				1.304	1.714
3/4	1.050	.065	.083			.113	.113		.154	.154				.218	.308
		.6838	.8572			1.131	1.131		1.474	1.474				1.937	2.441
1	1.315	.065	.190			.133	.133		.179	.179				.250	.358
		.8678	1.404			1.679	1.679		2.172	2.172				2.844	3.659
1-1/4	1.660	.065	.109			.140	.140		.191	.191				.250	.382
		1.107	1.806			2.273	2.273		2.997	2.997				3.765	5.214
1-1/2	1.900	.065	.109			.145	.145		.200	.200				.281	.400
		1.274	2.638			2.718	2.718		3.631	3.631				4.859	6.408
2	2.375	.065	.109			.154	.154		.218	.218				.343	.436
		1.604	2.638			3.653	3.653		5.022	5.022				7.444	9.029
2-1/2	2.875	.083	.120			.203	.203		.276	.276				.375	.552
		2.475	3.531			5.793	5.793		7.661	7.661				10.01	13.70
3	3.500	.083	.120			.216	.216		.300	.300				.437	.600
		3.029	4.332			7.576	7.576		10.25	10.25				14.32	18.58
3-1/2	4.000	.083	.120			.226	.226		.318	.318					.636
		3.472	4.973			9.109	9.109		12.51	12.51					22.85
4	4.500	.083	.120			.237	.237	.281	.337	.337			.437	.531	.674
		3.915	5.613			10.79	10.79	12.66	14.98	14.98			19.01	22.51	27.54
4-1/2	5.000						.247			.355					.710
							12.53			17.61					32.53
5	5.563	.109	.134			.258	.258		.375	.375		.500		.625	.750
		6.349	7.770			14.62	14.62		20.78	20.78		27.04		32.96	38.55
6	6.625	.109	.134			.280	.280		.432	.432		.562		.718	.864
		7.585	9.289			18.97	18.97		28.57	28.57		36.39		45.30	53.16
7	7.625						.301			.500					.875
							23.57			38.05					63.08
8	8.625	.109	.148	.250	.277	.322	.322	.406	.500	.500	.593	.718	.812	.906	.875
		9.914	13.40	22.36	24.70	28.55	28.55	35.64	43.39	43.39	50.87	60.63	67.76	74.69	72.42
9	9.625						.342			.500					
							33.90			48.72					
10	10.750	.134	.165	.250	.307	.365	.365	.500	.593	.500	.718	.843	1.000	1.125	
		15.19	18.65	28.04	34.24	40.48	40.48	54.74	64.33	54.74	76.93	89.20	104.1	115.7	
11	11.750						.375			.500					
							45.55			60.07					
12	12.750	.156	.180	.250	.330	.406	.375	.562	.687	.500	.843	1.000	1.125	1.312	
		21.07	24.20	33.38	43.77	53.53	49.56	73.16	88.51	65.42	107.2	125.5	139.7	160.3	
14	14.000	.156	.250	.312	.375	.437	.375	.593	.750	.500	.937	10.93	1.250	1.406	
		23.06	36.71	45.68	54.57	63.37	54.57	84.91	106.1	72.09	130.7	150.7	170.2	189.1	
16	16.000	.165	.250	.312	.375	.500	.375	.656	.843	.500	1.031	1.218	1.437	1.593	
		27.90	42.05	52.36	62.58	82.77	62.58	107.5	136.5	82.77	164.8	192.3	223.5	245.1	
18	18.000	.165	.250	.312	.437	.562	.375	.750	.937	.500	1.156	1.375	1.562	1.781	
		31.43	47.39	59.03	82.06	104.8	70.59	138.2	170.8	93.45	208.0	244.1	274.2	308.5	
20	20.000	.188	.250	.375	.500	.593	.375	.812	1.031	.500	1.280	1.500	1.750	1.968	
		39.78	52.73	78.60	104.1	122.9	78.60	166.4	208.9	104.1	256.1	296.4	341.1	379.0	
24	24.000	.218	.250	.375	.562	.687	.375	.968	1.218	.500	1.531	1.812	2.062	2.343	
		55.37	63.41	94.62	140.8	171.2	94.62	238.1	296.4	125.5	367.1	429.4	483.1	541.9	



EST 1976

Distributed by:

GROEBNER

POWERED BY EXPERIENCE

800-638-8322

www.groebner.com

STEEL FLANGE / BOLT REFERENCE TABLE

Quantity, Diameter, and Length of Alloy Steel Stud Bolts
for 1/16" and 1/4" Raised Face Flanges ANSI B 16.5
(Shown as: Quantity - Bolt Size x Length)

Nominal Pipe Size	ANSI 150 1/16 Raised Face	ANSI 300 1/16 Raised Face	ANSI 400 1/4 Raised Face	ANSI 600 1/4 Raised Face
1/2	4 - 1/2 x 2-1/4	4 - 1/2 x 2-1/4	4 - 1/2 x 3	4 - 1/2 x 3
3/4	4 - 1/2 x 2-1/4	4 - 5/8 x 2-3/4	4 - 5/8 x 3-1/4	4 - 5/8 x 3-1/4
1	4 - 1/2 x 2-1/2	4 - 5/8 x 3	4 - 5/8 x 3-1/2	4 - 5/8 x 3-1/2
1-1/2	4 - 1/2 x 2-1/2	4 - 5/8 x 3	4 - 5/8 x 3-3/4	4 - 7/8 x 4-3/4
1-1/2	4 - 1/2 x 2-3/4	4 - 3/4 x 3-1/2	4 - 3/4 x 4	4 - 3/4 x 4
2	4 - 5/8 x 3	8 - 5/8 x 3-1/4	8 - 5/8 x 4	8 - 5/8 x 4
2-1/2	4 - 5/8 x 3-1/4	8 - 3/4 x 3-3/4	8 - 3/4 x 4-1/2	8 - 3/4 x 4-1/2
3	4 - 5/8 x 3-1/2	8 - 3/4 x 4	8 - 3/4 x 4-3/4	8 - 3/4 x 4-3/4
3-1/2	8 - 5/8 x 3-1/2	8 - 3/4 x 4-1/4	8 - 7/8 x 5-1/4	8 - 7/8 x 5-1/4
4	8 - 5/8 x 3-1/2	8 - 3/4 x 4-1/4	8 - 7/8 x 5-1/4	8 - 7/8 x 5-1/2
5	8 - 3/4 x 3-3/4	8 - 3/4 x 4-1/2	8 - 7/8 x 5-1/2	8 - 1 x 6-1/4
6	8 - 3/4 x 3-3/4	12 - 3/4 x 4-3/4	12 - 7/8 x 5-3/4	12 - 1 x 6-1/2
8	8 - 3/4 x 4	12 - 7/8 x 5-1/4	12 - 1 x 6-1/2	12 - 1-1/8 x 7-1/2
10	12 - 7/8 x 4-1/2	16 - 1 x 6	16 - 1-1/8 x 7-1/4	16 - 1-1/4 x 8-1/4
12	12 - 7/8 x 4-1/2	16 - 1-1/8 x 6-1/2	16 - 1-1/4 x 7-3/4	20 - 1-1/4 x 8-1/2
14	12 - 1 x 5	20 - 1-1/8 x 6-3/4	20 - 1-1/4 x 8	20 - 1-3/8 x 9
16	16 - 1 x 5-1/4	20 - 1-1/4 x 7-1/4	20 - 1-3/8 x 8-1/2	20 - 1-1/2 x 9-3/4
18	16 - 1-1/8 x 5-3/4	24 - 1-1/4 x 7-1/2	24 - 1-3/8 x 8-3/4	20 - 1-5/8 x 10-1/2
20	20 - 1-1/8 x 6	24 - 1-1/4 x 8	24 - 1-1/2 x 9-1/2	24 - 1-5/8 x 11-1/4
24	20 - 1-1/4 x	24 - 1-1/2 x 9	24 - 1-3/4 x 10-1/2	24 - 1-7/8 x 12-3/4



Distributed by:

GROEBNER
POWERED BY EXPERIENCE

800-638-8322
www.groebner.com