



Your complete source for industrial pipe, valves fittings and engineered specialty items.  
 Visit us at [collinspipe.com](http://collinspipe.com)

## Common Pipe Sizes and Scheduled Walls

SCHEDULED WALLS																
PIPE SIZE	O.D. IN INCHES	5	10	20	30	40	STD.	60	80	XH	100	120	140	160	XXH	
1/8	.405	.035 .1383	.049 .1863			.068 .2447	.068 .2447		.095 .3145	.095 .3145						Wall Thickness Weight / Foot
1/4	.540	.049 .2570	.065 .3297			.088 .4248	.088 .4248		.119 .5351	.119 .5351						
3/8	.675	.049 .3276	.065 .4235			.091 .5676	.091 .5676		.126 .7388	.126 .7388						
1/2	.840	.065 .5383	.083 .6710			.109 .8510	.109 .8510		.147 .1088	.147 .1088				.187 1.304	.294 1.714	
3/4	1.050	.065 .6838	.083 .8572			.113 1.131	.113 1.131		.154 1.474	.154 1.474				.218 1.937	.308 2.441	
1	1.315	.065 .8678	.109 1.404			.133 1.679	.133 1.679		.179 2.172	.179 2.172				.250 2.844	.358 3.659	
1 1/4	1.660	.065 1.107	.109 1.806			.140 2.273	.140 2.273		.191 2.997	.191 2.997				.250 3.675	.382 5.214	
1 1/2	1.900	.065 1.274	.109 2.085			.145 2.718	.145 2.718		.200 3.631	.200 3.631				.281 4.859	.400 6.408	
2	2.375	.065 1.604	.109 2.638			.154 3.653	.154 3.653		.218 5.022	.218 5.022				.343 7.444	.436 9.029	
2 1/2	2.875	.083 2.475	.120 3.531			.203 5.793	.203 5.793		.276 7.661	.276 7.661				.375 10.01	.552 13.70	
3	3.500	.083 3.029	.120 4.332			.216 7.576	.216 7.576		.300 10.25	.300 10.25				.437 14.32	.600 18.58	
3 1/2	4.0	.083 3.472	.120 4.973			.226 9.109	.226 9.109		.318 12.51	.318 12.51					.636 22.85	
4	4.50	.083 3.915	.120 5.613			.237 10.79	.237 10.79	.281 12.66	.337 14.98	.337 14.98		.437 19.01		.531 22.51	.674 27.54	
4 1/2	5.0						.247 12.53			.355 17.61					.710 32.53	
5	5.563	.109 6.349	.134 7.770			.258 14.62	.258 14.62		.375 20.78	.375 20.78		.500 27.04		.625 32.96	.750 38.55	
6	6.625	.109 7.585	.134 9.289			.280 18.97	.280 18.97		.432 28.57	.432 28.57		.562 36.39		.718 45.30	.864 53.16	
7	7.625						.301 23.57			.500 38.05					.875 63.08	
8	8.625	.109 9.914	.148 13.40	.250 22.36	.277 24.70	.322 28.55	.322 28.55	.406 35.64	.500 43.39	.500 43.39	.593 50.87	.718 60.63	.812 67.76	.906 74.69	.875 72.42	
9	9.625						.342 33.90			.500 48.72						
10	10.75	.134 15.19	.165 18.70	.250 28.04	.307 34.24	.365 40.48	.365 40.48	.500 54.74	.593 64.33	.500 54.74	.718 76.93	.843 89.20	1.000 104.1	1.125 115.7		
11	11.75						.375 45.55			.500 60.07						
12	12.75	.165 22.18	.180 24.20	.250 33.38	.330 43.77	.406 53.53	.375 49.56	.562 73.16	.688 88.51	.500 65.42	.843 107.2	1.000 125.5	1.125 139.7	1.312 160.3		
14	14.0		.250 36.71	.312 45.68	.375 54.57	.437 63.37	.375 54.57	.593 84.91	.750 106.1	.500 72.09	.937 130.7	1.093 150.7	1.250 170.2	1.406 189.1		
16	16.0		.250 42.05	.312 52.36	.375 62.58	.500 82.77	.375 62.58	.656 107.5	.843 136.5	.500 82.77	1.031 164.8	1.218 192.3	1.437 223.5	1.593 245.1		
18	18.0		.250 47.39	.312 59.03	.437 82.06	.562 104.8	.375 70.59	.750 138.2	.937 170.8	.500 93.45	1.156 208.0	1.375 244.1	1.562 274.2	1.781 308.5		
20	20.0		.250 52.73	.375 78.60	.500 104.1	.593 122.9	.375 78.60	.812 166.4	1.031 208.9	.500 104.1	1.280 256.1	1.500 296.4	1.750 341.1	1.968 379.0		
22	22.0		.250 58.07	.375 86.61	.500 114.8		.375 86.61	.875 197.4	1.125 250.8	.500 114.8	1.375 302.9	1.625 353.6	1.875 403.0	2.125 451.1		
24	24.0		.250 63.41	.375 94.62	.562 140.8	.688 171.2	.375 94.62	.968 238.1	1.218 296.4	.500 125.5	1.531 367.4	1.812 429.4	2.062 483.1	2.343 541.9		
26	26.0		.312 85.60	.500 136.2			.375 102.6			.500 136.2	.750 202.3	1.000 267.0	1.250 330.4	1.500 392.5	2.000 512.6	
28	28.0		.312 92.26	.500 146.8	.625 182.7		.375 110.6			.500 146.8	.750 218.3	1.000 288.4	1.250 357.1	1.500 424.5	2.000 555.4	
30	30.0		.312 98.93	.500 157.5	.625 196.1		.375 118.6			.500 157.5	.750 234.3	1.000 309.7	1.250 383.8	1.500 456.6	2.000 598.1	
32	32.0		.312 105.6	.500 168.2	.625 209.4	.688 230.1	.375 126.7			.500 168.2	.750 250.3	1.000 331.1	1.250 410.5	1.500 488.6	2.000 640.8	
34	34.0		.312 112.3	.500 178.9	.625 222.8	.688 244.8	.375 134.7			.500 178.9	.750 266.3	1.000 352.4	1.250 437.2	1.500 520.7	2.000 683.5	
36	36.0		.312 118.9	.500 189.6	.625 236.1	.750 282.3	.375 142.7			.500 189.6	.875 328.2	1.000 373.8	1.250 463.9	1.500 552.7	2.000 726.2	
42	42.0						.375 166.7			.500 221.6	.750 330.4	1.000 437.9	1.250 544.0	1.500 648.8	2.000 854.4	
48	48.0						.375 190.7			.500 253.6	.750 378.5	1.000 502.0	1.250 624.1	1.500 744.9	2.000 982.6	

Note: Weight per foot is calculated using the following formula: (O.D. - Wall) x Wall x 10.68 = Weight per Foot. Actual weight may vary.

Commonly Requested Unscheduled Walls

### K U M ci gY Locations:

Corporate Sales Office -  
 East Windsor, CT  
 11 Thompson Road, PO Box 1053  
 860-292-5341

Scarborough, ME  
 116 Pleasant Hill Road  
 207-510-0035

Bangor, ME  
 376 Target Industrial Circle  
 207-907-7878

Syracuse, NY  
 5910 Firestone Drive  
 315-414-0077

Aston, PA  
 2939 Dutton Mill Rd.  
 484-483-4137

### G U Y g C Z W W g:

< Uj Yr\ J' z A 5  
 Y æ à À ð | Ò • ã ^ • ù Æ ð  
 - +, ! ( - - ! - , , ,

Rochester, NY  
 1200A Scottsville Road  
 585-270-5064

Saratoga, NY  
 21 Congress Street  
 518-226-0175



## FLANGE BOLTING CHART - ASME B16.5

	Nominal Pipe Size (Inches)	RF Height	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12	14	16	18	20	24
<b>Class 150</b>	Number of Bolts		4	4	4	4	4	4	4	4	8	8	8	8	8	12	12	12	16	16	20	20
	Diameter of Bolt		1/2	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	3/4	3/4	7/8	7/8	7/8	1	1	1 1/8	1 1/8	1 1/4
	Stud Bolt Length	0.06	2 1/4	2 1/2	2 1/2	2 3/4	2 3/4	3 1/4	3 1/2	3 1/2	3 1/2	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5 1/4	5 1/4	5 3/4	6 1/4	6 3/4
	Machine Bolt Length	0.06	2	2	2 1/4	2 1/4	2 1/2	2 3/4	3	3	3	3	3 1/4	3 1/4	3 1/2	4	4	4 1/2	4 1/2	5	5 1/2	6
<b>Class 300</b>	Number of Bolts		4	4	4	4	4	8	8	8	8	8	8	12	12	16	16	20	20	24	24	24
	Diameter of Bolt		1/2	5/8	5/8	5/8	3/4	5/8	3/4	3/4	3/4	3/4	3/4	3/4	7/8	1	1 1/8	1 1/8	1 1/4	1 1/4	1 1/4	1 1/4
	Stud Bolt Length	0.06	2 1/2	3	3	3 1/4	3 1/2	3 1/2	4	4 1/4	4 1/4	4 1/2	4 3/4	4 3/4	5 1/2	6 1/4	6 3/4	7	7 1/2	7 3/4	8	9
	Machine Bolt Length	0.06	2 1/4	2 1/2	2 1/2	2 3/4	3	3	3 1/4	3 1/2	3 3/4	3 3/4	4 1/4	4 1/4	4 3/4	5 1/2	5 3/4	6 1/4	6 1/2	6 3/4	7 1/4	8
<b>Class 400</b>	Number of Bolts		4	4	4	4	4	8	8	8	8	8	8	12	12	16	16	20	20	24	24	24
	Diameter of Bolt		1/2	5/8	5/8	5/8	3/4	5/8	3/4	3/4	7/8	7/8	7/8	7/8	1	1 1/8	1 1/4	1 1/4	1 3/8	1 3/8	1 1/2	1 3/4
	Stud Bolt Length	1/4	3	3 1/2	3 1/2	3 3/4	4 1/4	4 1/4	4 3/4	5	5 1/2	5 1/2	5 3/4	6	6 3/4	7 1/2	8	8 1/4	8 3/4	9	9 1/2	10 1/2
<b>Class 600</b>	Number of Bolts		4	4	4	4	4	8	8	8	8	8	8	12	12	16	20	20	20	20	24	24
	Diameter of Bolt		1/2	5/8	5/8	5/8	3/4	5/8	3/4	3/4	7/8	7/8	1	1	1 1/8	1 1/4	1 1/4	1 3/8	1 1/2	1 5/8	1 5/8	1 7/8
	Stud Bolt Length	1/4	3	3 1/2	3 1/2	3 3/4	4 1/4	4 1/4	4 3/4	5	5 1/2	5 3/4	6 1/2	6 3/4	7 1/2	8 1/2	8 3/4	9 1/4	10	10 3/4	11 1/4	13
<b>Class 900</b>	Number of Bolts		4	4	4	4	4	8	8	8		8	8	12	12	16	20	20	20	20	20	20
	Diameter of Bolts		1/2	5/8	5/8	5/8	3/4	5/8	3/4	7/8		1 1/8	1 1/4	1 1/8	1 3/8	1 3/8	1 3/8	1 1/2	1 5/8	1 7/8	2	2 1/2
	Raised Face 0.25 in.	1/4	3	3 1/2	3 1/2	3 3/4	4 1/4	4 1/4	4 3/4	5.75		6.75	7.50	7.50	8.75	9.25	10.00	10.75	11.25	12.75	13.75	17.25
<b>Class 1500</b>	Number of Bolts		4	4	4	4	4	8	8	8		8	8	12	12	12	16	16	16	16	16	16
	Diameter of Bolts		3/4	3/4	7/8	7/8	1	7/8	1	1 1/8		1 1/4	1 1/2	1 3/8	1 5/8	1 7/8	2	2 1/4	2 1/2	2 3/4	3	3 1/2
	Raised Face 0.25 in.	1/4	4.25	4.50	5.00	5.00	5.50	5.75	6.25	7.00		7.75	9.75	10.25	11.50	13.25	14.75	16.00	17.50	19.50	21.25	24.25
<b>Class 2500</b>	Number of Bolts		4	4	4	4	4	8	8	8		8	8	8	12	12	12					
	Diameter of Bolts		3/4	3/4	7/8	1	1 1/8	1	1 1/8	1 1/4		1 1/2	1 3/4	2	2	2 1/2	2 3/4					
	Raised Face 0.25 in.	1/4	4.75	5.00	5.50	6.00	6.75	7.00	7.75	8.75		10.00	11.75	13.50	15.00	19.25	21.25					

**Take Advantage of Technology. Ask us today and we'll get you set up.**

### Custom Alerts

You can set up custom alerts to track your orders and shipments.

### Purchase History

Have reports sent right to your Inbox: Usage (down to the item level), Buying Trend Analysis and Job Buyer Tracking.

### Accounts Receivable

Set up your email address to receive your invoices, aging reports and period statements.