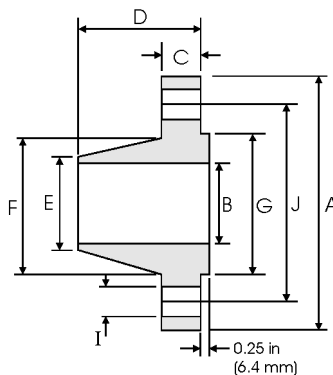




Weld Neck Flanges - ANSI B16.5



Class 600 lb

Pipe		Flange Data				Hub Data		Raised Face	Drilling Data			Weight
Nominal Pipe Size												
	Outside Diameter	Overall Diameter	Inside Diameter	Flange Thickness min	Overall Length	Diameter at Weld Bevel	Hub Diameter	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	kg/ piece
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm		in mm	in mm	
1/2	0.840 21.30	3.750 95.30	To be specified by Purchaser	0.560 14.20	2.060 52.30	0.840 21.30	1.500 38.10	1.380 35.00	4	0.620 15.70	2.620 66.55	0.87
3/4	1.050 26.70	4.620 117.3		0.620 15.70	2.250 57.15	1.050 26.70	1.880 47.80	1.690 42.90	4	0.750 19.10	3.250 82.60	1.45
1	1.315 33.40	4.880 124.0		0.690 17.50	2.440 62.00	1.320 33.50	2.120 53.80	2.000 50.80	4	0.750 19.10	3.500 88.90	1.76
1 1/4	1.660 42.20	5.250 133.4		0.810 20.60	2.620 66.55	1.660 42.20	2.500 63.50	2.500 63.50	4	0.750 19.10	3.880 98.60	2.49
1 1/2	1.900 48.30	6.120 155.4		0.880 22.40	2.750 69.85	1.900 48.30	2.750 69.85	2.880 73.15	4	0.880 22.40	4.500 114.3	3.49
2	2.375 60.30	6.500 165.1		1.000 25.40	2.880 73.15	2.380 60.45	3.310 84.10	3.620 91.90	8	0.750 19.10	5.000 127.0	4.36
2 1/2	2.875 73.00	7.500 190.5		1.120 28.40	3.120 79.25	2.880 73.15	3.940 100.1	4.120 104.6	8	0.880 22.40	5.880 149.4	6.43
3	3.500 88.90	8.250 209.6		1.250 31.75	3.250 82.60	3.500 88.90	4.620 117.3	5.000 127.0	8	0.880 22.40	6.620 168.1	8.53
3 1/2	4.000 101.6	9.000 228.6		1.380 35.10	3.380 85.90	4.000 101.6	5.250 133.4	5.500 139.7	8	1.000 25.40	7.250 184.2	10.7
4	4.500 114.3	10.75 273.1		1.500 38.10	4.000 101.6	4.500 114.3	6.000 152.4	6.190 157.2	8	1.000 25.40	8.500 215.9	17.4
5	5.563 141.3	13.00 330.2		1.750 44.50	4.500 114.3	5.560 141.2	7.440 189.0	7.310 185.7	8	1.120 28.40	10.50 266.7	29.2
6	6.625 168.3	14.00 355.6		1.880 47.80	4.620 117.3	6.630 168.4	8.750 222.3	8.500 215.9	12	1.120 28.40	11.50 292.1	34.9
8	8.625 219.1	16.50 419.1		2.190 55.60	5.250 133.4	8.630 219.2	10.75 273.1	10.62 269.7	12	1.250 31.75	13.75 349.3	53.9
10	10.75 273.0	20.00 508.0		2.500 63.50	6.000 152.4	10.75 273.0	13.50 342.9	12.75 323.8	16	1.380 35.10	17.00 431.8	86.5
12	12.75 323.8	22.00 558.8		2.620 66.55	6.120 155.4	12.75 323.8	15.75 400.1	15.00 381.0	20	1.380 35.10	19.25 489.0	103
14	14.00 355.6	23.75 603.3		2.750 69.85	6.500 165.1	14.00 355.6	17.00 431.8	16.25 412.7	20	1.500 38.10	20.75 527.1	122
16	16.00 406.4	27.00 685.8		3.000 76.20	7.000 177.8	16.00 406.4	19.50 495.3	18.50 469.9	20	1.620 41.10	23.75 603.3	170
18	18.00 457.2	29.25 743.0		3.250 82.60	7.250 184.2	18.00 457.2	21.50 546.1	21.00 533.4	20	1.750 44.50	25.75 654.1	204
20	20.00 508.0	32.00 812.8		3.500 88.90	7.500 190.5	20.00 508.0	24.00 609.6	23.00 584.2	24	1.750 44.50	28.50 723.9	254
24	24.00 609.6	37.00 939.8		4.000 101.6	8.000 203.2	24.00 609.6	28.25 717.6	27.25 692.1	24	2.000 50.80	33.00 838.2	358

Notes

- Dimension B corresponds to the pipe inside diameter. Values quoted assume 40S/Standard wall thickness.
- Weights are based on manufacturer's data and are approximate.