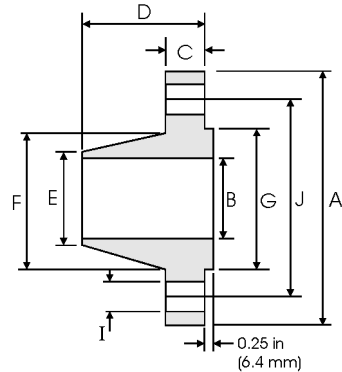




Weld Neck Flanges - ANSI B16.5



Class 1500 lb

Pipe		Flange Data				Hub Data		Raised Face	Drilling Data			Weight
Nominal Pipe Size		A	B	C	D	E	F	G	H	I	J	
	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	4.750 120.6	To be specified by Purchaser	0.880 22.30	2.380 60.45	0.840 21.30	1.500 38.10	1.380 35.00	4	0.880 22.30	3.250 82.50	1.87
3/4	1.050 26.70	5.120 130.0		1.000 25.40	2.750 69.85	1.050 26.70	1.750 44.00	1.690 42.90	4	0.880 22.30	3.500 88.90	2.56
1	1.315 33.40	5.880 149.3		1.120 28.40	2.880 73.15	1.320 33.50	2.060 52.30	2.000 50.80	4	1.000 25.40	4.000 101.6	3.74
1 1/4	1.660 42.20	6.250 158.7		1.120 28.40	2.880 73.15	1.660 42.20	2.500 63.50	2.500 63.50	4	1.000 25.40	4.380 111.2	4.33
1 1/2	1.900 48.30	7.000 177.8		1.250 31.70	3.250 82.50	1.900 48.30	2.750 69.85	2.880 73.15	4	1.120 28.40	4.880 123.9	5.94
2	2.375 60.30	8.500 215.9		1.500 38.10	4.000 101.6	2.380 60.45	4.120 104.6	3.620 91.90	8	1.000 25.40	6.500 165.1	10.8
2 1/2	2.875 73.00	9.620 244.3		1.620 41.10	4.120 104.6	2.880 73.15	4.880 123.9	4.120 104.6	8	1.120 28.40	7.500 190.5	15.0
3	3.500 88.90	10.50 266.7		1.880 47.70	4.620 117.3	3.500 88.90	5.250 133.3	5.000 127.0	8	1.250 31.70	8.000 203.2	19.9
4	4.500 114.3	12.25 311.1		2.120 53.80	4.880 123.9	4.500 114.3	6.380 162.0	6.190 157.2	8	1.380 35.00	9.500 241.3	29.9
5	5.563 141.3	14.75 374.6		2.880 73.15	6.120 155.4	5.560 141.2	7.750 196.8	7.310 185.7	8	1.620 41.10	11.50 292.1	55.4
6	6.625 168.3	15.50 393.7		3.250 82.50	6.750 171.4	6.630 168.4	9.000 228.6	8.500 215.9	12	1.500 38.10	12.50 317.5	68.4
8	8.625 219.1	19.00 482.6		3.620 91.90	8.380 212.8	8.630 219.2	11.50 292.1	10.62 269.7	12	1.750 44.40	15.50 393.7	117
10	10.75 273.0	23.00 584.2		4.250 107.9	10.00 254.0	10.75 273.0	14.50 368.3	12.75 323.8	12	2.000 50.80	19.00 482.6	194
12	12.75 323.8	26.50 673.1		4.880 123.9	11.12 282.4	12.75 323.8	17.75 450.8	15.00 381.0	16	2.120 53.80	22.50 571.5	288
14	14.00 355.6	29.50 749.3		5.250 133.3	11.75 298.4	14.00 355.6	19.50 495.3	16.25 412.7	16	2.380 60.45	25.00 635.0	380
16	16.00 406.4	32.50 825.5		5.750 146.0	12.25 311.1	16.00 406.4	21.75 552.4	18.50 469.9	16	2.620 66.55	27.75 704.8	485
18	18.00 457.2	36.00 914.4		6.380 162.0	12.88 327.1	18.00 457.2	23.50 596.9	21.00 533.4	16	2.880 73.15	30.50 774.7	644
20	20.00 508.0	38.75 984.2		7.000 177.8	14.00 355.6	20.00 508.0	25.25 641.3	23.00 584.2	16	3.120 79.25	32.75 831.8	775
24	24.00 609.6	46.00 1168.4		8.000 203.2	16.00 406.4	24.00 609.6	30.00 762.0	27.25 692.1	16	3.620 91.90	39.00 990.6	1232

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.