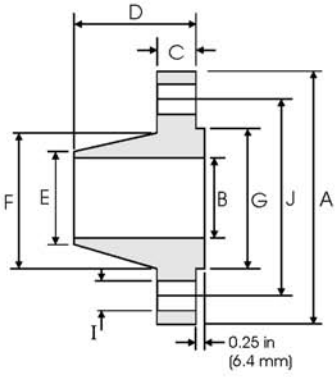
Weld Neck Flanges - ANSI B16.5 Class 400LBS



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	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	10.00 254.0		1.380 35.10	3.500 88.90	4.500 114.3	5.750 146.1	6.190 157.2	8	1.000 25.40	7.880 200.2	12.8
5	5.563 141.3	11.00 279.4		1.500 38.10	4.000 101.6	5.560 141.2	7.000 177.8	7.310 185.7	8	1.000 25.40	9.250 235.0	16.9
6	6.625 168.3	12.50 317.5		1.620 41.10	4.060 103.1	6.630 168.4	8.120 206.2	8.500 215.9	12	1.000 25.40	10.62 269.7	22.0
8	8.625 219.1	15.00 381.0		1.880 47.80	4.620 117.3	8.630 219.2	10.25 260.4	10.62 269.7	12	1.120 28.40	13.00 330.2	34.7
10	10.75 273.0	17.50 444.5		2.120 53.80	4.880 124.0	10.75 273.0	12.62 320.5	12.75 323.8	16	1.250 31.75	15.25 387.4	48.5
12	12.75 323.8	20.50 520.7		2.250 57.15	5.380 136.7	12.75 323.8	14.75 374.7	15.00 381.0	16	1.380 35.10	17.75 450.9	69.6
14	14.00 355.6	23.00 584.2		2.380 60.45	5.880 149.4	14.00 355.6	16.75 425.5	16.25 412.7	20	1.380 35.10	20.25 514.4	95.5
16	16.00 406.4	25.50 647.7		2.500 63.50	6.000 152.4	16.00 406.4	19.00 482.6	18.50 469.9	20	1.500 38.10	22.50 571.5	118
18	18.00 457.2	28.00 711.2		2.620 66.55	6.500 165.1	18.00 457.2	21.00 533.4	21.00 533.4	24	1.500 38.10	24.75 628.7	145
20	20.00 508.0	30.50 774.7		2.750 69.85	6.620 168.1	20.00 508.0	23.12 587.2	23.00 584.2	24	1.620 41.10	27.00 685.8	173
24	24.00 609.6	36.00 914.4		3.000 76.20	6.880 174.8	24.00 609.6	27.62 701.5	27.25 692.1	24	1.880 47.80	32.00 812.8	249

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.