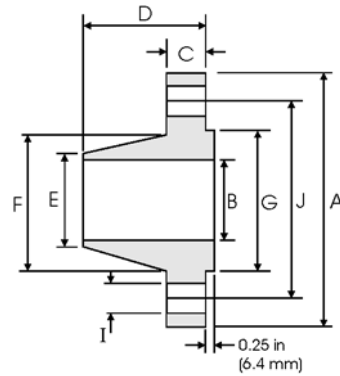















Weld Neck Flanges - ANSI B16.5



Class 600 lb

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

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.
- For ring joint facings see page 8-6. For weld end bevel see page 8-5.
- For tolerances see page 8-4.