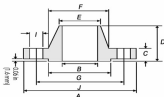


Weld Neck Flanges - ANSI B16.5



Class 150 lb

Nominal Pipe Size	Pipe		Flange Data				Hub Data			Raised Face	Drilling Data			Weight
	A	B	C	D	E	F	G	H	I	J	kg/ piece			
	in	in	in	in	in	in	in	in	in	in				
1/2	0.640	3.500	0.825	0.440	1.350	0.940	1.190	1.260	4	0.625	2.260	0.48		
3/8	21.30	88.90	15.70	11.20	47.80	21.30	30.20	35.00	4	15.70	60.45	0.71		
	1.050	3.685	0.825	0.500	2.080	1.050	1.500	1.650	4	0.825	2.750			
1	26.70	98.40	20.80	12.70	52.30	26.70	38.10	42.80	4	15.70	69.85	1.01		
	1.315	4.250	1.050	0.560	2.190	1.320	1.940	2.060	4	0.825	3.120			
1 1/4	33.40	108.0	26.70	14.20	55.80	33.50	49.30	50.80	4	15.70	79.25	1.33		
	1.660	4.620	1.385	0.620	2.250	1.660	2.310	2.500	4	0.825	3.500			
1 1/2	42.20	117.3	35.30	15.70	57.15	42.20	58.70	63.50	4	15.70	88.90	1.72		
	1.900	5.000	1.815	0.690	2.440	1.900	2.560	2.680	4	0.825	3.680			
2	48.30	127.0	40.90	17.50	60.00	48.30	65.00	73.15	4	15.70	98.60	2.58		
	2.375	6.000	2.015	0.750	2.500	2.380	3.060	3.020	4	0.750	4.750			
2 1/2	60.30	152.4	52.00	19.10	63.50	60.45	77.70	91.90	4	19.30	120.7	4.11		
	2.875	7.000	2.470	0.880	2.750	2.880	3.560	4.120	4	0.750	5.500			
3	73.00	177.8	62.70	22.40	69.85	73.15	90.40	104.6	4	19.30	139.7	6.08		
	3.500	7.500	3.015	0.940	2.750	3.500	4.250	5.000	4	0.750	6.000			
4	88.90	190.5	76.00	23.90	69.85	88.90	109.0	127.0	4	19.30	152.4	4.92		
	4.160	8.500	3.350	0.940	2.875	4.000	4.810	5.500	4	0.750	7.000			
5	101.6	215.9	90.30	23.90	71.40	101.6	122.2	139.7	8	19.30	177.8	5.08		
	4.500	9.000	4.035	0.940	3.000	4.500	5.310	6.190	8	0.750	7.500			
6	114.3	229.8	102.4	23.90	76.20	114.3	134.9	157.2	8	19.30	190.5	6.84		
	5.585	10.50	5.090	0.940	3.000	5.590	6.440	7.310	8	0.880	8.500			
8	141.3	264.0	128.3	23.90	88.90	141.2	193.8	195.7	8	22.40	215.9	9.56		
	6.625	11.00	6.010	1.000	3.500	6.630	7.560	8.500	8	0.880	9.500			
10	168.3	279.4	154.2	25.40	88.90	168.4	192.0	215.9	8	22.40	241.3	10.6		
	8.625	13.50	7.980	1.120	4.000	8.630	9.690	10.62	8	0.880	11.75			
12	219.1	342.9	202.7	28.40	101.6	219.2	246.1	269.7	8	22.40	298.5	17.6		
	10.75	16.00	10.03	1.190	4.000	10.75	12.00	12.75	12	1.000	14.25			
14	273.0	408.4	254.5	30.20	101.6	273.0	304.8	323.8	8	25.40	362.0	24.0		
	12.75	19.00	12.00	1.250	4.500	12.75	14.38	15.00	12	1.000	17.00			
16	323.8	482.8	304.8	31.75	114.3	323.8	365.3	391.0	12	25.40	431.8	36.5		
	14.00	21.00	13.50	1.360	5.000	14.00	15.75	16.25	12	1.120	18.75			
18	355.6	533.4	351.0	35.10	127.0	355.6	400.1	427.7	12	25.40	476.3	48.4		
	16.00	23.50	15.40	1.440	5.000	16.00	18.00	18.50	16	1.120	21.25			
20	406.4	598.8	399.0	38.60	127.0	406.4	475.2	499.9	16	28.40	539.8	60.6		
	18.00	25.00	17.00	1.560	5.500	18.00	20.68	21.00	16	1.250	22.75			
24	457.2	635.0	425.4	39.60	139.7	457.2	505.0	533.4	16	31.75	577.9	68.3		
	20.00	27.50	19.00	1.680	6.000	20.00	22.00	23.00	20	1.250	25.00			
24	508.0	698.5	472.9	42.90	144.5	508.0	558.8	594.2	20	31.75	635.0	84.5		
	24.00	32.00	22.00	1.680	6.000	24.00	26.12	27.25	20	1.380	29.50			
	609.6	812.8	544.2	47.80	152.4	609.6	663.4	692.1	20	35.30	748.3	115		

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.
- Flat face flanges may be provided at full thickness, C, or with raised face removed (the latter is nonstandard).
- For ring joint facings see page 8-6. For weld end bevel see page 8-5.
- For tolerances see page 8-4.