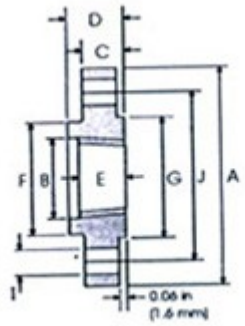
ANSI B 16.5 Class 300 lb



Pipe		Flange Data					Hub Data	Raised Face	Drilling Data			Weight
Nominal Pipe Size		A	B	C	D	E	F	G	H	I	J	
	Outside Dia In Mm	Overall Dia In Mm	Counter Bore In Mm	Flange Thickness min In Mm	Overall Length In Mm	Threaded Length min In Mm	Hub Dia In Mm	Face Dia In Mm	Number of Holes	Bolt Hole Dia In Mm	Dia of Circle of Holes In Mm	Kg/ Piece
½	0.840	3.750	0.930	0.560	0.880	0.620	1.500	1.380	4	0.620	2.620	0.64
	21.30	95.30	23.60	14.20	22.30	15.70	38.10	35.00		15.70	66.55	
¾	1.050	4.620	1.140	0.620	1.000	0.620	1.880	1.690	4	0.750	3.250	1.12
	26.70	117.3	29.00	15.70	25.40	15.70	42.70	42.90		19.00	82.50	
1	1.315	4.880	1.410	0.690	1.060	0.690	2.120	2.000	4	0.750	3.500	1.36
	33.40	124.0	35.80	17.50	26.90	17.50	53.80	50.80		19.00	88.90	
1 ¼	1.660	5.250	1.750	0.750	1.060	0.810	2.500	2.500	4	0.750	3.880	1.68
	42.20	133.4	44.40	19.00	26.90	20.60	63.50	63.50		19.00	98.50	
1 ½	1.900	6.120	1.990	0.810	1.190	0.880	2.750	2.880	4	0.880	4.500	2.49
	48.30	155.4	50.50	20.60	30.20	22.30	69.85	73.15		22.30	114.3	
2	2.375	6.500	2.500	0.880	1.310	1.120	3.310	3.620	8	0.750	5.000	2.87
	60.30	165.1	63.50	22.30	33.20	28.40	84.00	91.90		19.00	127.0	
2 ½	2.875	7.500	3.000	1.000	1.500	1.250	3.940	4.120	8	0.880	5.880	4.32
	73.00	190.5	76.20	25.40	38.10	31.70	100.0	104.6		22.30	149.3	
3	3.500	8.250	3.630	1.120	1.690	1.250	4.620	5.000	8	0.880	6.620	5.85
	88.90	209.6	92.20	28.40	42.90	31.70	117.3	127.0		22.30	168.1	
3 ½	4.000	9.000	4.130	1.190	1.750	1.440	5.250	5.500	8	0.880	7.250	7.34
	101.6	228.6	104.9	30.20	44.40	36.50	133.3	139.7		22.30	184.1	
4	4.500	10.00	4.630	1.250	1.880	1.440	5.750	6.190	8	0.880	7.880	9.61
	114.3	254.0	117.6	31.70	47.70	36.50	146.0	157.2		22.30	200.1	

5	5.563	11.00	5.690	1.380	2.000	1.690	7.000	7.310	8	0.880	9.250	12.3
	141.3	279.4	144.5	35.00	50.80	42.90	177.8	185.7		22.30	234.9	
6	6.625	12.50	6.750	1.440	2.060	1.810	8.120	8.500	12	0.880	10.62	15.6
	168.3	317.5	171.4	36.50	52.30	45.90	206.2	215.9		22.30	269.7	
8	8.625	15.00	8.750	1.620	2.440	2.000	10.25	10.62	12	1.000	13.00	24.2
	219.1	381.0	222.3	41.10	61.90	50.80	260.3	269.7		25.40	330.2	
10	10.75	17.50	10.88	1.880	2.620	2.190	12.62	12.75	16	1.120	15.25	34.1
	273.0	444.5	276.3	47.70	66.55	55.60	320.5	323.8		28.40	387.3	
12	12.75	20.50	12.94	2.000	2.880	2.380	14.75	15.00	16	1.250	17.75	49.8
	323.8	520.7	328.7	50.80	73.15	60.45	374.6	381.0		31.70	450.8	
14	14.00	23.00	14.19	2.120	3.000	2.500	16.75	16.25	20	1.250	20.25	69.9
	355.6	584.2	360.4	53.80	76.20	63.50	425.4	412.7		31.70	514.3	
16	16.00	25.50	16.19	2.250	3.250	2.690	19.00	18.50	20	1.380	22.50	88.1
	406.4	647.7	411.2	57.15	82.50	68.30	482.6	469.9		35.00	571.5	
18	18.00	28.00	18.19	2.380	3.500	2.750	21.00	21.00	24	1.380	24.75	109
	457.2	711.2	462.0	60.45	88.90	69.85	533.4	533.4		35.00	628.6	
20	20.00	30.50	20.19	2.500	3.750	2.880	23.12	23.00	24	1.380	27.00	134
	508.0	774.7	512.8	63.50	95.2	73.15	587.2	584.2		35.00	685.8	
24	24.00	36.00	24.19	2.750	4.190	3.250	27.62	27.25	24	1.620	32.00	201
	609.6	914.4	614.4	69.85	106.4	82.50	701.5	692.1		41.10	812.8	

Notes

- The thread conforms to ASME B1. 20.1 NTP threads as described in Section 10. (The only exceptions are small male and female plain face threaded flanges which use NPSL locknut threads)
- Class 300 and higher threaded flanges are counter-bored. Threads are chamfered to the counterbore at an angle of 45^0 (approx)
- Weights are based on manufacturer's data and are approximate