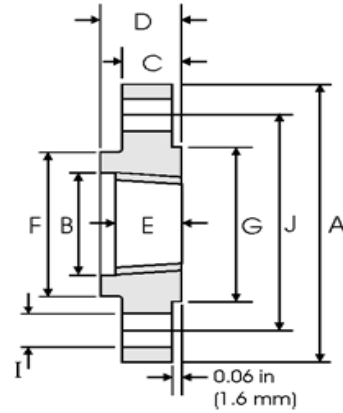














THREADED FLANGES ACC TO ANSI B16.5



Class 300 lb

Nominal Pipe Size	Pipe		Flange Data					Hub	Raised Face	Drilling Data			Weight
													
	Outside Diameter	Overall Diameter	Counter-bore min	Flange Thickness min	Overall Length	Threaded length min	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 95.20	0.930 23.60	0.560 14.20	0.880 22.30	0.620 15.70	1.500 38.10	1.380 35.00	4	0.620 15.70	2.620 66.55	0.64	
3/4	1.050 26.70	4.620 117.3	1.140 29.00	0.620 15.70	1.000 25.40	0.620 15.70	1.880 47.70	1.690 42.90	4	0.750 19.00	3.250 82.50	1.12	
1	1.315 33.40	4.880 123.9	1.410 35.80	0.690 17.50	1.060 26.90	0.690 17.50	2.120 53.80	2.000 50.80	4	0.750 19.00	3.500 88.90	1.36	
1 1/4	1.660 42.20	5.250 133.3	1.750 44.40	0.750 19.00	1.060 26.90	0.810 20.60	2.500 63.50	2.500 63.50	4	0.750 19.00	3.880 98.50	1.68	
1 1/2	1.900 48.30	6.120 155.4	1.980 50.50	0.810 20.60	1.190 30.20	0.880 22.30	2.750 69.85	2.880 73.15	4	0.880 22.30	4.500 114.3	2.49	
2	2.375 60.30	6.500 165.1	2.500 63.50	0.880 22.30	1.310 33.20	1.120 28.40	3.310 84.00	3.620 91.90	8	0.750 19.00	5.000 127.0	2.87	
2 1/2	2.875 73.00	7.500 190.5	3.000 76.20	1.000 25.40	1.500 38.10	1.250 31.70	3.940 100.0	4.120 104.6	8	0.880 22.30	5.880 149.3	4.32	
3	3.500 88.90	8.250 209.5	3.630 92.20	1.120 28.40	1.690 42.90	1.250 31.70	4.620 117.3	5.000 127.0	8	0.880 22.30	6.620 168.1	5.85	
3 1/2	4.000 101.6	9.000 228.6	4.130 104.9	1.190 30.20	1.750 44.40	1.440 36.50	5.250 133.3	5.500 139.7	8	0.880 22.30	7.250 184.1	7.34	
4	4.500 114.3	10.00 254.0	4.630 117.6	1.250 31.70	1.880 47.70	1.440 36.50	5.750 146.0	6.190 157.2	8	0.880 22.30	7.880 200.1	9.61	
5	5.563 141.3	11.00 279.4	5.690 144.5	1.380 35.00	2.000 50.80	1.690 42.90	7.000 177.8	7.310 185.7	8	0.880 22.30	9.250 234.9	12.3	
6	6.625 168.3	12.50 317.5	6.750 171.4	1.440 36.50	2.060 52.30	1.810 45.90	8.120 206.2	8.500 215.9	12	0.880 22.30	10.62 269.7	15.6	
8	8.625 219.1	15.00 381.0	8.750 222.2	1.620 41.10	2.440 61.90	2.000 50.80	10.25 260.3	10.62 269.7	12	1.000 25.40	13.00 330.2	24.2	
10	10.75 273.0	17.50 444.5	10.88 276.3	1.880 47.70	2.620 66.55	2.190 55.60	12.62 320.5	12.75 323.9	16	1.120 28.40	15.25 387.3	34.1	
12	12.75 323.8	20.50 520.7	12.94 328.7	2.000 50.80	2.880 73.15	2.380 60.45	14.75 374.6	15.00 381.0	16	1.250 31.70	17.75 450.8	49.8	
14	14.00 355.6	23.00 584.2	14.19 360.4	2.120 53.80	3.000 76.20	2.500 63.50	16.75 425.4	16.25 412.7	20	1.250 31.70	20.25 514.3	69.9	
16	16.00 406.4	25.50 647.7	16.19 411.2	2.250 57.15	3.250 82.50	2.690 68.30	19.00 482.6	18.50 469.9	20	1.380 35.00	22.50 571.5	88.1	
18	18.00 457.2	28.00 711.2	18.19 462.0	2.380 60.45	3.500 88.90	2.750 69.85	21.00 533.4	21.00 533.4	24	1.380 35.00	24.75 628.6	109	
20	20.00 508.0	30.50 774.7	20.19 512.8	2.500 63.50	3.750 95.2	2.880 73.15	23.12 587.2	23.00 584.2	24	1.380 35.00	27.00 685.8	134	
24	24.00 609.6	36.00 914.4	24.19 614.4	2.750 69.85	4.190 106.4	3.250 82.50	27.62 701.5	27.25 692.2	24	1.620 41.10	32.00 812.8	201	

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° (approx).