



FLANGE DIMENSIONS

Class 300

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Nominal Pipe Size NPS (inches)	Outside Diameter of Flange (inches)(O.D.)	No. of Bolt Holes	Diameter of Bolts (inches)	Diameter of Bolt Holes (inches)	Diameter of Bolt Circle (inches)(M)
1/4	3 3/8	4	1/2	0.62	2 1/4
1/2	3 3/4	4	1/2	0.62	2 5/8
3/4	4 5/8	4	5/8	0.75	3 1/4
1	4 7/8	4	5/8	0.75	3 1/2
1 1/4	5 1/4	4	5/8	0.75	3 7/8
1 1/2	6 1/8	4	3/4	0.88	4 1/2
2	6 1/2	8	5/8	0.75	5
2 1/2	7 1/2	8	3/4	0.88	5 7/8
3	8 1/4	8	3/4	0.88	6 5/8
3 1/2	9	8	3/4	0.88	7 1/4
4	10	8	3/4	0.88	7 7/8
5	11	8	3/4	0.88	9 1/4
6	12 1/2	12	3/4	0.88	10 5/8
8	15	12	7/8	1	13
10	17 1/2	16	1	1.12	15 1/4
12	20 1/2	16	1 1/8	1.25	17 3/4
14	23	20	1 1/8	1.25	20 1/4
16	25 1/2	20	1 1/4	1.38	22 1/2
18	28	24	1 1/4	1.38	24 3/4
20	30 1/2	24	1 1/4	1.38	27
24	36	24	1 1/2	1.62	32

ASME/ANSI B16.5 provides dimensions and tolerances for flanges in pipe sizes from 1/2" through 24" and in classes ranging 150 through 2500.