



FLANGE DIMENSIONS

Class 600

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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	7/8	1	7 1/4
4	10 3/4	8	7/8	1	8 1/2
5	13	8	1	1.12	10 1/2
6	14	12	1	1.12	11 1/2
8	16 1/2	12	1 1/8	1.25	13 3/4
10	20	16	1 1/4	1.38	17
12	22	20	1 1/4	1.38	19 1/4
14	23 3/4	20	1 3/8	1.5	20 3/4
16	27	20	1 1/2	1.62	23 3/4
18	29 1/4	20	1 5/8	1.75	25 3/4
20	32	24	1 5/8	1.75	28 1/2
24	37	24	1 7/8	2	33

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.