



# FLANGE DIMENSIONS

## Class 1500

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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)
1/2	4 3/4	4	3/4	0.88	3 1/4
3/4	5 1/8	4	3/4	0.88	3 1/2
1	5 7/8	4	7/8	1	4
1 1/4	6 1/4	4	7/8	1	4 3/8
1 1/2	7	4	1	1.12	4 7/8
2	8 1/2	8	7/8	1	6 1/2
2 1/2	9 5/8	8	1	1.12	7 1/2
3	10 1/2	8	1 1/8	1.25	8
4	12 1/4	8	1 1/4	1.38	9 1/2
5	14 3/4	8	1 1/2	1.62	11 1/2
6	15 1/2	12	1 3/8	1.5	12 1/2
8	19	12	1 5/8	1.75	15 1/2
10	23	12	1 7/8	2	19
12	26 1/2	16	2	2.12	22 1/2
14	29 1/2	16	2 1/4	2.38	25
16	32 1/2	16	2 1/2	2.62	27 3/4
18	36	16	2 3/4	2.88	30 1/2
20	38 3/4	16	3	3.12	32 3/4
24	46	16	3 1/2	3.62	39

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.