



FLANGE DIMENSIONS

Class 150

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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 1/2	4	1/2	0.62	2 3/8
3/4	3 7/8	4	1/2	0.62	2 3/4
1	4 1/4	4	1/2	0.62	3 1/8
1 1/4	4 5/8	4	1/2	0.62	3 1/2
1 1/2	5	4	1/2	0.62	3 7/8
2	6	4	5/8	0.75	4 3/4
2 1/2	7	4	5/8	0.75	5 1/2
3	7 1/2	4	5/8	0.75	6
3 1/2	8 1/2	8	5/8	0.75	7
4	9	8	5/8	0.75	7 1/2
5	10	8	3/4	0.88	8 1/2
6	11	8	3/4	0.88	9 1/2
8	13 1/2	8	3/4	0.88	11 3/4
10	16	12	7/8	1	14 1/4
12	19	12	7/8	1	17
14	21	12	1	1.12	18 3/4
16	23 1/2	16	1	1.12	21 1/4
18	25	16	1 1/8	1.25	22 3/4
20	27 1/2	20	1 1/8	1.25	25
24	32	20	1 1/4	1.38	29 1/2

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.