



# FLANGE DIMENSIONS

## Class 900

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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	9 1/2	8	7/8	1	7 1/2
4	11 1/2	8	1 1/8	1.25	9 1/4
5	13 3/4	8	1 1/4	1.38	11
6	15	12	1 1/8	1.25	12 1/2
8	18 1/2	12	1 3/8	1.5	15 1/2
10	21 1/2	16	1 3/8	1.5	18 1/2
12	24	20	1 3/8	1.5	21
14	25 1/4	20	1 1/2	1.62	22
16	27 3/4	20	1 5/8	1.75	24 1/2
18	31	20	1 7/8	2	27
20	33 3/4	20	2	2.12	29 1/2
24	41	20	2 1/2	2.62	35 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.