

# Flange Dimensions

## Class 150#

ANSI B16.5 - 1/16" Raised Face Mate with 125# Cast Iron Flanges - ANSI B16.1							
Size	Flange Diameter	Flange Thickness	Bolt Circle Diameter	Bolt Hole Diameter	Number of Bolts	Diameter of Bolts	Length of Stud Bolts
2	6	5/8	4 3/4	3/4	4	5/8	3 1/4
2 1/2	7	11/16	5 1/2	3/4	4	5/8	3 1/2
3	7 1/2	3/4	6	3/4	4	5/8	3 3/4
3 1/2	8 1/2	13/16	7	3/4	8	5/8	3 3/4
4	9	15/16	7 1/2	3/4	8	5/8	3 3/4
5	10	15/16	8 1/2	7/8	8	3/4	4
6	11	1	9 1/2	7/8	8	3/4	4
8	13 1/2	1 1/8	11 3/4	7/8	8	3/4	4 1/4
10	16	1 3/16	14 1/4	1	12	7/8	4 3/4
12	19	1 1/4	17	1	12	7/8	4 3/4
14	21	1 3/8	18 3/4	1 1/8	12	1	5 1/4
16	23 1/2	1 7/16	21 1/4	1 1/8	16	1	5 1/2
18	25	1 9/16	22 3/4	1 1/4	16	1 1/8	6
20	27 1/2	1 11/16	25	1 1/4	20	1 1/8	6 1/4
24	32	1 7/8	29 1/2	1 3/8	20	1 1/4	7

## Class 300#

ANSI B16.5 - 1/16" Raised Face Mate with 250# Cast Iron Flanges - ANSI B16.1							
Size	Flange Diameter	Flange Thickness	Bolt Circle Diameter	Bolt Hole Diameter	Number of Bolts	Diameter of Bolts	Length of Stud Bolts
2	6 1/2	7/8	5	3/4	8	5/8	3 1/2
2 1/2	7 1/2	1	5 7/8	7/8	8	3/4	4
3	8 1/4	1 1/8	6 5/8	7/8	8	3/4	4 1/4
3 1/2	9	1 3/16	7 1/4	7/8	8	3/4	4 1/2
4	10	1 1/4	7 7/8	7/8	8	3/4	4 1/2
5	11	1 3/8	9 1/4	7/8	8	3/4	4 3/4
6	12 1/2	1 7/16	10 5/8	7/8	12	3/4	5
8	15	1 5/8	13	1	12	7/8	5 1/2
10	17 1/2	1 7/8	15 1/4	1 1/8	16	1	6 1/4
12	20 1/2	2	17 3/4	1 1/4	16	1 1/8	6 3/4
14	23	2 1/8	20 1/4	1 1/4	20	1 1/8	7
16	25 1/2	2 1/4	22 1/2	1 3/8	20	1 1/4	7 1/2
18	28	2 3/8	24 3/4	1 3/8	24	1 1/4	7 3/4
20	30 1/2	2 1/2	27	1 3/8	24	1 1/4	8 1/4
24	36	2 3/4	32	1 5/8	24	1 1/2	9 1/4