



Bolting Dimensions for Flanges

(150 & 300 LB. Flanges)

Nominal Pipe Size	BOLTING DIMENSIONS FOR 150 LB. FLANGES					Nominal Pipe Size	BOLTING DIMENSIONS FOR 300 LB. FLANGES				
	Diameter of Bolt Circle	Diameter of Bolts	Number of Bolts	Length of Studs 1/16" Raised Face	Bolt Length		Diameter of Bolt Circle	Diameter of Bolts	Number of Bolts	Length of Studs 1/16" Raised Face	Bolt Length
1/2	2-3/8	1/2	4	2-1/4	1-3/4	1/2	2-5/8	1/2	4	2-1/2	2
3/4	2-3/4	1/2	4	2-1/4	2	3/4	3-1/4	5/8	4	2-3/4	2-1/2
1	3-1/8	1/2	4	2-1/2	2	1	3-1/2	5/8	4	3	2-1/2
1-1/4	3-1/2	1/2	4	2-1/2	2-1/4	1-1/4	3-7/8	5/8	4	3	2-3/4
1-1/2	3-7/8	1/2	4	2-3/4	2-1/4	1-1/2	4-1/2	3/4	4	3-1/2	3
2	4-3/4	5/8	4	3	2-3/4	2	5	5/8	8	3-1/4	3
2-1/2	5-1/2	5/8	4	3-1/4	3	2-1/2	5-7/8	3/4	8	3-3/4	3-1/4
3	6	5/8	4	3-1/2	3	3	6-5/8	3/4	8	4	3-1/2
3-1/2	7	5/8	8	3-1/2	3	3-1/2	7-1/4	3/4	8	4-1/4	3-3/4
4	7-1/2	5/8	8	3-1/2	3	4	7-7/8	3/4	8	4-1/4	3-3/4
5	8-1/2	3/4	8	3-3/4	3-1/4	5	9-1/4	3/4	8	4-1/2	4
6	9-1/2	3/4	8	3-3/4	3-1/4	6	10-5/8	3/4	12	4-3/4	4-1/4
8	11-3/4	3/4	8	4	3-1/2	8	13	7/8	12	5-1/4	4-3/4
10	14-1/4	7/8	12	4-1/2	3-3/4	10	15-1/4	1	16	6	5-1/4
12	17	7/8	12	4-1/2	4	12	17-3/4	1-1/8	16	6-1/2	5-3/4
14	18-3/4	1	12	5	4-1/4	14	20-1/4	1-1/8	20	6-3/4	6
16	21-1/4	1	16	5-1/4	4-1/2	16	22-1/2	1-1/4	20	7-1/4	6-1/2
18	22-3/4	1-1/8	16	5-3/4	4-3/4	18	24-3/4	1-1/4	24	7-1/2	6-3/4
20	25	1-1/8	20	6	5-1/4	20	27	1-1/4	24	8	7
22	27-1/4	1-1/4	20	6-1/2	5-1/2	22	29-1/4	1-1/2	24	8-3/4	7-1/2
24	29-1/2	1-1/4	20	6-3/4	5-3/4	24	32	1-1/2	24	9	7-3/4
26	31-3/4	1-1/4	24	7	6	26	34-1/2	1-5/8	28	10	8-3/4
30	36	1-1/4	28	7-1/4	6-1/4	30	39-1/4	1-3/4	28	11-1/4	10
34	40-1/2	1-1/2	32	8	7	34	43-1/2	1-7/8	28	12-1/4	10-3/4
36	42-3/4	1-1/2	32	8-1/4	7	36	46	2	32	12-3/4	11-1/4
42	49-1/2	1-1/2	36	8-3/4	7-1/2	42	52-3/4	2	36	13-3/4	13-1/2



Nominal Pipe Size	BOLTING DIMENSIONS FOR 400 LB. FLANGES				Nominal Pipe Size	BOLTING DIMENSIONS FOR 600 LB. FLANGES			
	Diameter of Bolt Circle	Diameter of Bolts	Number of Bolts	Length of Studs 1/4" Raised Face		Diameter of Bolt Circle	Diameter of Bolts	Number of Bolts	Length of Studs 1/4" Raised Face
1/2	2-5/8	1/2	4	3	1/2	2-5/8	1/2	4	3
3/4	3-1/4	5/8	4	3-1/4	3/4	3-1/4	5/8	4	3-1/4
1	3-1/2	5/8	4	3-1/2	1	3-1/2	5/8	4	3-1/2
1-1/4	3-7/8	5/8	4	3-3/4	1-1/4	3-7/8	5/8	4	3-3/4
1-1/2	4-1/2	3/4	4	4	1-1/2	4-1/2	3/4	4	4
2	5	5/8	8	4	2	6	5/8	8	4
2-1/2	5-7/8	3/4	8	4-1/2	2-1/2	5-7/8	3/4	8	4-1/2
3	6-5/8	3/4	8	4-3/4	3	6-5/8	3/4	8	4-3/4
3-1/2	7-1/4	7/8	8	5-1/4	3-1/2	7-1/4	7/8	8	5-1/4
4	7-7/8	7/8	8	5-1/4	4	8-1/2	7/8	8	5-1/2
5	9-1/4	7/8	8	6-1/2	5	10-1/2	1	8	6-1/4
6	10-5/8	7/8	12	5-3/4	6	11-1/2	1	12	6-1/2
8	13	1	12	6-1/2	8	13-3/4	1-1/8	12	7-1/2
10	15-1/4	1-1/8	16	7-1/4	10	17	1-1/4	16	8-1/4
12	17-3/4	1-1/4	16	7-3/4	12	19-1/4	1-1/4	20	8-1/2
14	20-1/4	1-1/4	20	8	14	20-3/4	1-3/8	20	9
16	22-1/2	1-3/8	20	8-1/2	16	23-3/4	1-1/2	20	9-3/4
18	24-3/4	1-3/8	24	8-3/4	18	25-3/4	1-5/8	20	10-1/2
20	27	1-1/2	24	9-1/2	20	28-1/2	1-5/8	24	11-1/4
22	29-1/4	1-5/8	24	10	22	30-5/8	1-3/4	24	12
24	32	1-3/4	24	10-1/2	24	33	1-7/8	24	12-3/4
26	34-1/2	1-3/4	28	11-1/2	26	36	1-7/8	28	13-1/4
30	39-1/4	2	28	13	30	40-1/4	2	28	14
34	43-1/2	2	28	13-3/4	34	44-1/2	2-1/4	28	15
36	46	2	32	14	36	47	2-1/2	28	15-3/4
42	52-3/4	2-1/2	32	16-1/4	42	53-3/4	2-3/4	28	17-1/2