

## Bolting Dimensions for ANSI - B16.5 Flanges

Flange & Nominal Pipe Size	Flange Studs		Wrench Size	Stud Bolt Length		Ring No.
	No. Of Studs	Diameter Of Studs		Raised Face Flange (Stud Length)	Ring Joint Flange (Stud Length)	
1/2	4	3/4	1-1/4	4-1/4	4-1/4	
3/4	4	3/4	1-1/4	4-1/2	4-1/2	
1	4	7/8	1-7/16	5	5	
1-1/4	4	7/8	1-7/16	5	5	
1-1/2	4	1	1-5/8	5-1/2	5-1/2	
2	8	7/8	1-7/16	5-3/4	5-3/4	
2-1/2	8	1	1-5/8	6-1/4	6-1/4	
3	8	1-1/8	1-13/16	7	7	
4	8	1-1/4	2	7-3/4	7-3/4	
5	8	1-1/2	2-3/8	9-3/4	9-3/4	
6	12	1-3/8	2-3/16	10-1/4	10-1/2	
8	12	1-5/8	2-9/16	11-1/2	12-3/4	
10	12	1-7/8	2-15/16	13-1/4	13-1/2	
12	16	2	3-1/8	14-3/4	15-1/4	
14	16	2-1/4	3-1/2	16	16-3/4	
16	16	2-1/2	3-7/8	17-1/2	18-1/2	
18	16	2-3/4	4-1/4	19-1/2	20-3/4	
20	16	3	4-5/8	21-1/4	22-1/4	
24	16	3-1/2	5-3/8	24-1/4	25-1/2	
30						
36						
40						
48						