

## 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	4-3/4	4-3/4	
3/4	4	3/4	1-1/4	5	5	
1	4	7/8	1-7/16	5-1/2	5-1/2	
1-1/4	4	1	1-5/8	6	6	
1-1/2	4	1-1/8	1-13/16	6-3/4	6-3/4	
2	8	1	1-5/8	7	7	
2-1/2	8	1-1/8	1-13/16	7-3/4	8	
3	8	1-1/4	2	8-3/4	9	
4	8	1-1/2	2-3/8	10	10-1/4	
5	8	1-3/4	2-3/4	11-3/4	12-1/4	
6	8	2	3-1/8	13-1/2	14	
8	12	2	3-1/8	15	15-1/2	
10	12	2-1/2	3-7/8	19-1/4	20	
12	12	2-3/4	4-1/4	21-1/4	22	
14	-	-		-	-	
16	-	-		-	-	
18	-	-		-	-	
20	-	-		-	-	
24						
30						
36						
40						
48						