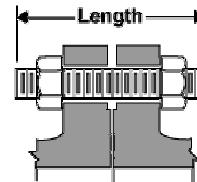
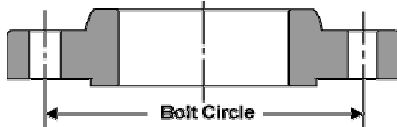




## Class 600 Steel Pipe Flanges BOLTING PATTERNS & BOLT LENGTHS



Stud Bolt With Nuts

Pipe Size	BOLTING PATTERN AND BOLT LENGTHS				
	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Stud Bolts 0.25 in Raised Face
1/2	2.62	0.62	4	0.50	3.25
3/4	3.25	0.75	4	0.62	3.50
1	3.50	0.75	4	0.62	3.75
1 1/4	3.88	0.75	4	0.62	4.00
1 1/2	4.50	0.88	4	0.75	4.25
2	5.00	0.75	8	0.62	4.25
2 1/2	5.88	0.88	8	0.75	4.75
3	6.62	0.88	8	0.75	5.00
3 1/2	7.25	1.00	8	0.88	5.50
4	8.50	1.00	8	0.88	5.75
5	10.50	1.12	8	1.00	6.50
6	11.50	1.12	12	1.00	6.75
8	13.75	1.25	12	1.12	7.75
10	17.00	1.38	16	1.25	8.50
12	19.25	1.38	20	1.25	8.75
14	20.75	1.50	20	1.38	9.25
16	23.75	1.62	20	1.50	10.00
18	25.75	1.75	20	1.62	10.75
20	28.50	1.75	24	1.62	11.50
24	33.00	2.00	24	1.88	13.00
30	40.25	2.12	28	2.00	
36	47.00	2.62	28	2.50	
42	50.50	2.62	28	2.50	
48	57.50	2.88	32	2.75	