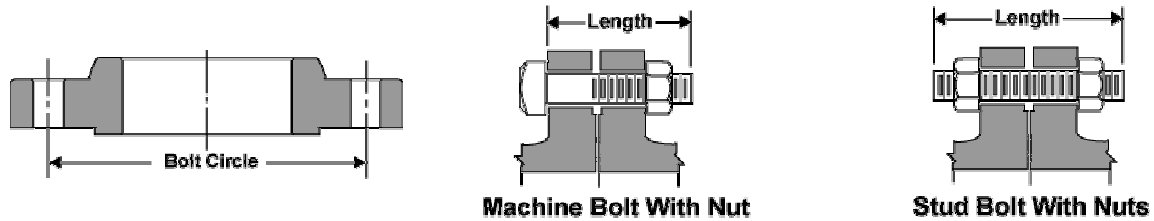




Class 150 Steel Pipe Flanges

BOLTING PATTERN AND BOLT LENGTHS



Pipe Size	BOLTING PATTERN AND BOLT LENGTHS					
	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Machine Bolts	Stud Bolts
					0.006 in Raised Face	0.006 in Raised Face
1/2	2.38	0.62	4	0.50	2.00	2.50
3/4	2.75	0.62	4	0.50	2.25	2.50
1	3.12	0.62	4	0.50	2.25	2.75
1 1/4	3.50	0.62	4	0.50	2.50	2.75
1 1/2	3.88	0.62	4	0.50	2.50	3.0
2	4.75	0.75	4	0.62	2.75	3.25
2 1/2	5.50	0.75	4	0.62	3.00	3.50
3	6.00	0.75	4	0.62	3.25	3.75
3 1/2	7.00	0.75	8	0.62	3.25	3.75
4	7.50	0.75	8	0.62	3.25	3.75
5	8.50	0.88	8	0.75	3.25	4.00
6	9.50	0.88	8	0.75	3.50	4.00
8	11.75	0.88	8	0.75	3.75	4.25
10	14.25	1.00	12	0.88	4.25	4.75
12	17.00	1.00	12	0.88	4.25	4.75
14	18.75	1.12	12	1.00	4.50	5.25
16	21.25	1.12	16	1.00	4.75	5.50
18	22.75	1.25	16	1.12	5.00	6.00
20	25.00	1.25	20	1.12	5.50	6.25
24	29.50	1.38	20	1.25	6.00	7.00
30	36.00	1.38	28	1.25		
36	42.75	1.62	32	1.50		
42	49.50	1.62	36	1.50		
48	56.00	1.62	44	1.50		