

BOLT and STUD DIMENSION CHART

PIPE SIZE	150# N-B	No. of Bolts/Studs Per Set	150# S-N	300# N-B	No. of Bolts/Studs Per Set	300# S-N	No. of Bolts/Studs Per Set	600# S-N	No. of Bolts/Studs Per Set	900# S-N	No. of Bolts/Studs Per Set
1/2	1/2 x 2	4	1/2 x 2 1/2	1/2 x 2 1/4	4	1/2 x 2 3/4	4	1/2 x 3 1/4	4	3/4 x 4 1/2	4
3/4	1/2 x 2 1/4	4	1/2 x 2 1/2	5/8 x 2 1/2	4	5/8 x 3	4	5/8 x 3 1/2	4	3/4 x 4 3/4	4
1	1/2 x 2 1/4	4	1/2 x 2 3/4	5/8 x 2 3/4	4	5/8 x 3 1/4	4	5/8 x 3 3/4	4	7/8 x 5 1/4	4
1 1/4	1/2 x 2 1/2	4	1/2 x 2 3/4	5/8 x 2 3/4	4	5/8 x 3 1/4	4	5/8 x 4	4	7/8 x 5 1/4	4
1 1/2	1/2 x 2 1/2	4	1/2 x 3	3/4 x 3	4	3/4 x 3 3/4	4	3/4 x 4 1/4	4	1 x 5 1/2	4
2	5/8 x 2 3/4	4	5/8 x 3 1/4	5/8 x 3	8	5/8 x 3 1/2	8	5/8 x 4 1/4	8	7/8 x 6	8
2 1/2	5/8 x 3	4	5/8 x 3 1/2	3/4 x 3 1/2	8	3/4 x 4	8	3/4 x 4 3/4	8	1 x 6 1/2	8
3	5/8 x 3 1/4	4	5/8 x 3 3/4	3/4 x 3 3/4	8	3/4 x 4 1/4	8	3/4 x 5	8	7/8 x 5 3/4	8
3 1/2	5/8 x 3 1/4	8	5/8 x 3 3/4	3/4 x 3 3/4	8	3/4 x 4 1/2	8	7/8 x 5 1/2	8		
4	5/8 x 3 1/4	8	5/8 x 3 3/4	3/4 x 4	8	3/4 x 4 1/2	8	7/8 x 5 3/4	8	1 1/8 x 6 3/4	8
5	3/4 x 3 1/4	8	3/4 x 4	3/4 x 4 1/4	8	3/4 x 4 3/4	8	1 x 6 1/2	8	1 1/4 x 7 1/2	8
6	3/4 x 3 1/2	8	3/4 x 4	3/4 x 4 1/4	12	3/4 x 5	12	1 x 6 3/4	12	1 1/8 x 7 3/4	12
8	3/4 x 3 3/4	8	3/4 x 4 1/4	7/8 x 4 3/4	12	7/8 x 5 1/2	12	1 1/8 x 7 3/4	12	1 1/8 x 8 3/4	12
10	7/8 x 4 1/4	12	7/8 x 4 3/4	1 x 5 1/2	16	1 x 6 1/4	16	1 1/4 x 8 1/2	16	1 1/8 x 9 1/4	16
12	7/8 x 4 1/4	12	7/8 x 4 3/4	1 1/8 x 6	16	1 1/8 x 6 3/4	16	1 1/4 x 8 3/4	20	1 3/8 x 10	20
14	1 x 4 1/4	12	1 x 5 1/4	1 1/8 x 6 1/4	20	1 1/8 x 7	20	1 3/8 x 9 1/4	20	1 1/2 x 10 3/4	20
16	1 x 4 3/4	16	1 x 5 1/2	1 1/4 x 6 1/2	20	1 1/4 x 7 1/2	20	1 1/2 x 10	20	1 5/8 x 11 1/4	20
18	1 1/8 x 5	16	1 1/8 x 6	1 1/4 x 6 3/4	24	1 1/4 x 7 3/4	24	1 5/8 x 10 3/4	20	1 7/8 x 13	20
20	1 1/8 x 5 1/2	20	1 1/8 x 6 1/4	1 1/4 x 7 1/4	24	1 1/4 x 8 1/4	24	1 5/8 x 11 1/2	24	2 x 13 3/4	20
24	1 1/4 x 6	20	1 1/4 x 7	1 1/2 x 8	24	1 1/2 x 9 1/4	24	1 7/8 x 13	24	2 1/2 x 17 1/4	20
26	1 1/4 x 6	24	1 1/4 x 8 1/2	1 5/8 x 8 3/4	28	1 5/8 x 10 1/4	28	1 7/8 x 14 1/4	28	2 1/2 x 18 1/2	20
30	1 1/4 x 6 1/4	28	1 1/4 x 9	1 3/4 x 10	28	1 3/4 x 11 1/2	28	2 x 15 1/2	28	3 x 20 3/4	20
34	1 1/2 x 7	32	1 1/2 x 10	1 7/8 x 10 3/4	28	1 7/8 x 12 1/2	28	2 1/4 x 17	28	3 1/2 x 23 1/2	20
36	1 1/2 x 7	32	1 1/2 x 10 1/2	2 x 11 1/4	32	2 x 13 1/4	32	2 1/2 x 18 1/4	28	3 1/2 x 24 1/2	20
42	1 1/2 x 7 1/2	36	1 1/2 x 11	1 5/8 x 12 1/4	32	1 5/8 x 13 1/4	32	2 1/2 x 19	28	3 1/2 x 25 3/4	24
48	1 1/2 x 8 3/4	44	1 1/2 x 12			1 7/8 x 14 3/4	32	2 3/4 x 21 1/2	32	4 x 29 1/4	24
54	1 3/4 x 8 3/4	44	1 3/4 x 13 1/2			2 1/4 x 17	28	3 x 23 1/2	32		
60	1 3/4 x 9	52	1 3/4 x 14			2 1/4 x 18	32	3 1/2 x 26 1/2	28		
66	1 3/4 x 9	52	1 3/4 x 11								
72	1 3/4 x 9 1/2	60	1 3/4 x 11 1/2								
84	2 x 10 1/2	64	2 x 13								
96	2 1/4 x 11 1/2	68	2 1/4 x 14								



Dimensions per ANSI B16.1 (1989 Edition) for Class 125 Cast Iron Flanges

Stud Dimensions are per Annex C of ANSI B16.47 (1996 Edition)

Class 125 W/N is the same as ANSI B16.1 Cast Iron Flanges