STEEL FLANGE BOLT CHART

CLASS 150 LB

Chart may be used for:
C110 DIP/DIP E4 x E4
E4 x (valve) in some cases

PIPE DIAMETER	QTY OF BOLTS	BOLT SIZE
1"	4	1/2 - 13 x 1 3/4"
1 1/4"	4	1/2 - 13 x 2"
1 1/2"	4	1/2 - 13 x 2"
2"	4	5/8 - 11 x 2 1/4"
2 1/2"	4	5/8 - 11 x 2 1/2"
3"	4	5/8 - 11 x 2 1/2"
4"	8	5/8 - 11 x 3"
5"	8	3/4 - 10 x 3"
6"	8	3/4 - 10 x 3 1/4"
8"	8	3/4 - 10 x 3 1/2"
10"	12	7/8 - 9 x 3 3/4"
12"	12	7/8 - 9 x 4"
14"	12	1 - 8 x 4 1/4"
16"	16	1 - 8 x 4 1/2"
18"	16	1 1/8 - 7 x 4 3/4"
20"	20	1 1/8 - 7 x 5"
22"	20	1 1/4 - 7 x 5 1/2"
24"	20	1 1/4 - 7 x 5 1/2"
30"	28	1 1/4 - 7 x 6 1/4"
36"	32	1 1/2 - 6 x 7"
42"	36	1 1/2 - 6 x 7 1/2"
48"	44	1 1/2 - 6 x 7 3/4"
54"	44	1 3/4 - 5 x 8 1/2"
60"	52	1 3/4 - 5 x 8 3/4"
72"	60	1 3/4 - 5 x 9 1/2"
84"	64	2 - 4.5 x 10 1/2"
96"	68	2 1/4 - 4.5 x 11 1/2"
108"	72	2 1/2 - 4 x 14"

CLASS 300 LB

Table 6 F x F

PIPE DIAMETER	QTY OF BOLTS	BOLT SIZE
1"	4	5/8 - 11 x 2 1/2"
1 1/4"	4	5/8 -11 x 2 1/2"
1 1/2"	4	5/8-11 x 2 3/4"
2"	8	5/8 - 11 x 2 3/4"
2 1/2"	8	3/4 - 10 x 3 1/4"
3"	8	3/4 - 10 x 3 1/2"
3 1/2"	8	3/4 - 10 x 3 1/2"
4"	8	3/4 - 10 x 3 3/4"
5"	8	3/4 - 10 x 4"
6"	12	3/4 - 10 x 4"
8"	12	7/8 - 9 x 4 1/2"
10"	16	1 - 8 x 5 1/4"
12"	16	1 1/8 - 7 x 5 1/2"
14"	20	1 1/8 - 7 x 6"
16"	20	1 1/4 - 7 x 6 1/4"
18"	24	1 1/4 - 7 x 6 1/2"
20"	24	1 1/4 - 7 x 6 3/4"
24"	24	1 1/2 - 6 x 7 3/4"
30"	28	1 3/4 - 5 x 8 1/2"
36"	32	2 - 4.5 x 9 1/2"
42"	36	2 - 4.5 x 10 1/4"
48"	40	2 - 4.5 x 10 3/4"