

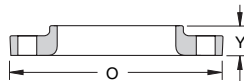
## STANDARD CAST IRON COMPANION FLANGES & BOLTS

(for working pressures up to 125 psi steam, 175 psi WOG)

Size	Flange Dia.	Bolt Circle	No. Bolts	Bolt Size	Bolt Length
3/4	3 1/2	2 1/2	4	3/8	1 3/8
1	4 1/4	3 1/8	4	1/2	1 1/2
1 1/4	4 5/8	3 1/2	4	1/2	1 1/2
1 1/2	5	3 7/8	4	1/2	1 3/4
2	6	4 3/4	4	5/8	2
2 1/2	7	5 1/2	4	5/8	2 1/4
3	7 1/2	6	4	5/8	2 1/2
3 1/2	8 1/2	7	8	5/8	2 1/2
4	9	7 1/2	8	5/8	2 3/4
5	10	8 1/2	8	3/4	3
6	11	9 1/2	8	3/4	3
8	13 1/2	11 3/4	8	3/4	3 1/4
10	16	14 1/4	12	7/8	3 1/2
12	19	17	12	7/8	3 3/4
14	21	18 3/4	12	1	4 1/4
16	23 1/2	21 1/4	16	1	4 1/4

All dimensions shown are in inches.

## LAP JOINT FLANGES



Nom. Pipe Size	150 LB.		300 LB.		400 LB.		600 LB.	
	O	Y	O	Y	O	Y	O	Y
1/2	3 1/2	5/8	3 3/4	7/8	3 3/4	7/8	3 3/4	7/8
3/4	3 7/8	5/8	4 5/8	1	4 5/8	1	4 5/8	1
1	4 1/4	1 1/16	4 7/8	1 1/16	4 7/8	1 1/16	4 7/8	1 1/16
1 1/4	4 5/8	1 3/16	5 1/4	1 1/16	5 1/4	1 1/8	5 1/4	1 1/8
1 1/2	5	7/8	6 1/8	1 3/16	6 1/8	1 1/4	6 1/8	1 1/4
2	6	1	6 1/2	1 5/16	6 1/2	1 7/16	6 1/2	1 7/16
2 1/2	7	1 1/8	7 1/2	1 1/2	7 1/2	1 5/8	7 1/2	1 5/8
3	7 1/2	1 3/16	8 1/4	1 11/16	8 1/4	1 13/16	8 1/4	1 13/16
3 1/2	8 1/2	1 1/4	9	1 3/4	9	1 15/16	9	1 15/16
4	9	1 5/16	10	1 7/8	10	2	10 3/4	2 1/8
5	10	1 7/16	11	2	11	2 1/8	13	2 3/8
6	11	1 9/16	12 1/2	2 1/16	12 1/2	2 1/4	14	2 5/8
8	13 1/2	1 3/4	15	2 7/16	15	2 11/16	16 1/2	3
10	16	1 15/16	17 1/2	3 3/4	17 1/2	4	20	4 3/8
12	19	2 3/16	20 1/2	4	20 1/2	4 1/4	22	4 5/8
14	21	3 1/8	23	4 3/8	23	4 5/8	23 3/4	5
16	23 1/2	3 7/16	25 1/2	4 3/4	25 1/2	5	27	5 1/2
18	25	3 13/16	28	5 1/8	28	5 3/8	29 1/4	6
20	27 1/2	4 1/16	30 1/2	5 1/2	30 1/2	5 3/4	32	6 1/2
24	32	4 3/8	36	6	36	6 1/4	37	7 1/4

All dimensions shown are in inches.