

## — STANDARD CAST IRON COMPANION FLANGES AND 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

## — EXTRA HEAVY CAST IRON COMPANION FLANGES AND BOLTS

(for working pressures up to 250 psi steam, 400 psi WOG)

SIZE	FLANGE DIA.	BOLT CIRCLE	NO. BOLTS	BOLT SIZE	BOLT LENGTH
1	4 7/8	3 1/2	4	5/8	2 1/4
1 1/4	5 1/4	3 7/8	4	5/8	2 1/2
1 1/2	6 1/8	4 1/2	4	3/4	2 1/2
2	6 1/2	5	8	5/8	2 1/2
2 1/2	7 1/2	5 7/8	8	3/4	3
3	8 1/4	6 5/8	8	3/4	3 1/4
3 1/2	9	7 1/4	8	3/4	3 1/4
4	10	7 7/8	8	3/4	3 1/2
5	11	9 1/4	8	3/4	3 3/4
6	12 1/2	10 5/8	12	3/4	3 3/4
8	15	13	12	7/8	4 1/4
10	17 1/2	15 1/4	16	1	5
12	20 1/2	17 3/4	16	1 1/8	5 1/2
14 O.D.	23	20 1/4	20	1 1/8	5 3/4
16 O.D.	25 1/2	22 1/2	20	1 1/4	6
18 O.D.	28	24 3/4	24	1 1/4	6 1/4
20 O.D.	30 1/2	27	24	1 1/4	6 3/4
24 O.D.	36	32	24	1 1/2	7 1/2
30 O.D.	43	39 1/4	28	1 3/4	8 1/2
36 O.D.	50	46	32	2	9 1/2
42 O.D.	57	52 3/4	36	2	10
48 O.D.	65	60 3/4	40	2	11