

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

BLIND FLANGES



Nom. Pipe Size	150 LB.		300 LB.		400 LB.		600 LB.	
	O	Y ⁽¹⁾	O	Y ⁽¹⁾	O	Y ⁽²⁾	O	Y ⁽²⁾
1/2	3 ^{1/2}	7/16	3 ^{3/4}	9/16	For sizes	3 ^{3/4}	9/16	
3/4	3 ^{7/8}	1/2	4 ^{5/8}	5/8		4 ^{5/8}	5/8	
1	4 ^{1/4}	9/16	4 ^{7/8}	1 ^{1/16}	3 ^{1/2}	4 ^{7/8}	1 ^{1/16}	
1 ^{1/4}	4 ^{5/8}	5/8	5 ^{1/4}	3/4	and smaller	5 ^{1/4}	1 ^{3/16}	
1 ^{1/2}	5	1 ^{1/16}	6 ^{1/8}	1 ^{3/16}	use	6 ^{1/8}	7/8	
2	6	3/4	6 ^{1/2}	7/8	600 LB. Standard	6 ^{1/2}	1	
2 ^{1/2}	7	7/8	7 ^{1/2}	1		7 ^{1/2}	1 ^{1/8}	
3	7 ^{1/2}	1 ^{5/16}	8 ^{1/4}	1 ^{1/8}		8 ^{1/4}	1 ^{1/4}	
3 ^{1/2}	8 ^{1/2}	1 ^{5/16}	9	1 ^{3/16}		9	1 ^{3/8}	
4	9	1 ^{3/16}	10	1 ^{1/4}	10	1 ^{3/8}	10 ^{3/4}	1 ^{1/2}
5	10	1 ^{5/16}	11	1 ^{3/8}	11	1 ^{1/2}	13	1 ^{3/4}
6	11	1	12 ^{1/2}	1 ^{7/16}	12 ^{1/2}	1 ^{5/8}	14	1 ^{7/8}
8	13 ^{1/2}	1 ^{1/8}	15	1 ^{5/8}	15	1 ^{7/8}	16 ^{1/2}	2 ^{3/16}
10	16	1 ^{3/16}	17 ^{1/2}	1 ^{7/8}	17 ^{1/2}	2 ^{1/8}	20	2 ^{1/2}
12	19	1 ^{1/4}	20 ^{1/2}	2	20 ^{1/2}	1/4	22	2 ^{5/8}
14	21	1 ^{3/8}	23	2 ^{1/8}	23	2 ^{3/8}	23 ^{3/4}	2 ^{3/4}
16	23 ^{1/2}	1 ^{7/16}	25 ^{1/2}	2 ^{1/4}	25 ^{1/2}	2 ^{1/2}	27	3
18	25	1 ^{9/16}	28	2 ^{3/8}	28	2 ^{5/8}	29 ^{1/4}	3 ^{1/4}
20	27 ^{1/2}	1 ^{11/16}	30 ^{1/2}	2 ^{1/2}	30 ^{1/2}	2 ^{3/4}	32	3 ^{1/2}
22	29 ^{1/2}	1 ^{13/16}	33	2 ^{5/8}	33	2 ^{7/8}	34 ^{1/4}	3 ^{3/4}
24	32	1 ^{7/8}	36	2 ^{3/4}	36	3	37	4
26	34 ^{1/4}	2	38 ^{1/4}	3 ^{1/8}	38 ^{1/4}	3 ^{1/2}	40	4 ^{1/4}
30	38 ^{3/4}	2 ^{1/8}	43	3 ^{3/8}	43	4	44 ^{1/2}	4 ^{1/2}
34	43 ^{3/4}	2 ^{5/16}	47 ^{1/2}	4	47 ^{1/2}	4 ^{3/8}	49	4 ^{3/4}
36	46	2 ^{3/8}	50	4 ^{1/8}	50	4 ^{1/2}	51 ^{3/4}	4 ^{7/8}
42	53	2 ^{5/8}	57	4 ^{3/8}	57	5 ^{1/8}	58 ^{3/4}	5 ^{1/2}

(1) The 1/16" raised face is included in Thickness, "Y".

(2) The 1/4" raised face is not included in Thickness, "Y".