

BOLTING DIMENSIONS FOR 400 LB./600LB. STEEL FLANGE

Nom Pipe Size	400 LB. STEEL FLANGES				600 LB. STEEL FLANGES			
	Diam of Bolt Circle	Diam of Bolts	No. of Bolts	Length of Studs 1/4" Raised Face	Diam of Bolt Circle	Diam of Bolts	No of Bolts	Length of Studs 1/4" Raised Face
1/2	2 ⁵ / ₈	1/2	4	3	2 ⁵ / ₈	1/2	4	3
3/4	3 ¹ / ₄	5/8	4	3 ¹ / ₄	3 ¹ / ₄	5/8	4	3 ¹ / ₄
1	3 ¹ / ₂	5/8	4	3 ¹ / ₂	3 ¹ / ₂	5/8	4	3 ¹ / ₂
1 ¹ / ₄	3 ⁷ / ₈	5/8	4	3 ³ / ₄	3 ⁷ / ₈	5/8	4	3 ³ / ₄
1 ¹ / ₂	4 ¹ / ₂	3/4	4	4	4 ¹ / ₂	3/4	4	4
2	5	5/8	8	4	5	5/8	8	4
2 ¹ / ₂	5 ⁷ / ₈	3/4	8	4 ¹ / ₂	5 ⁷ / ₈	3/4	8	4 ¹ / ₄
3	6 ⁵ / ₈	3/4	8	4 ³ / ₄	6 ⁵ / ₈	3/4	8	4 ³ / ₄
3 ¹ / ₂	7 ¹ / ₄	7/8	8	5 ¹ / ₄	7 ¹ / ₄	7/8	8	5 ¹ / ₄
4	7 ⁷ / ₈	7/8	8	5 ¹ / ₄	8 ¹ / ₂	7/8	8	5 ¹ / ₂
5	9 ¹ / ₄	7/8	8	6 ¹ / ₂	10 ¹ / ₂	1	8	6 ¹ / ₄
6	10 ⁵ / ₈	7/8	12	5 ³ / ₄	11 ¹ / ₂	1	12	6 ¹ / ₂
8	13	1	12	6 ¹ / ₂	13 ³ / ₄	1 ¹ / ₈	12	7 ¹ / ₂
10	15 ¹ / ₄	1 ¹ / ₈	16	7 ¹ / ₄	17	1 ¹ / ₄	16	8 ¹ / ₄
12	17 ³ / ₄	1 ¹ / ₄	16	7 ³ / ₄	19 ¹ / ₄	1 ¹ / ₄	20	8 ¹ / ₂
14	20 ¹ / ₄	1 ¹ / ₄	20	8	20 ³ / ₄	1 ³ / ₈	20	9
16	22 ¹ / ₂	1 ³ / ₈	20	8 ¹ / ₂	23 ³ / ₄	1 ¹ / ₂	20	9 ³ / ₄
18	24 ³ / ₄	1 ³ / ₈	24	8 ³ / ₄	25 ³ / ₄	1 ⁵ / ₈	20	10 ¹ / ₂

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20	27	1 ¹ / ₂	24	9 ¹ / ₂	28 ¹ / ₂	1 ⁵ / ₈	24	11 ¹ / ₄
22	29 ¹ / ₄	1 ⁵ / ₈	24	10	30 ⁵ / ₈	1 ³ / ₄	24	12
24	32	1 ³ / ₄	24	10 ¹ / ₂	33	1 ⁷ / ₈	24	12 ³ / ₄
26	34 ¹ / ₂	1 ³ / ₄	28	11 ¹ / ₂	36	1 ⁷ / ₈	28	13 ¹ / ₄
30	39 ¹ / ₄	2	28	13	40 ¹ / ₄	2	28	14
34	43 ¹ / ₂	2	28	13 ³ / ₄	44 ¹ / ₂	2 ¹ / ₄	28	15
36	46	2	32	14	47	2 ¹ / ₂	28	15 ³ / ₄
42	52 ³ / ₄	2 ¹ / ₂	32	16 ¹ / ₄	53 ³ / ₄	2 ³ / ₄	28	17 ¹ / ₂

Stud lengths for lap joint flanges are equal to lengths shown minus 1/2" plus the thickness of two laps of the stub ends.