

Stud Reference Charts

Use these charts to determine the number and the size of studs you may need. The length listed is the overall length and is intended for Flange to Flange - Standard Facing and Standard Pressure ratings.

Forged Steel Flanges 150 lb.

Pipe Size	No. of Studs	Dia. x Length
1/2	4	1/2 x 2-1/2
3/4	4	1/2 x 2-1/2
1	4	1/2 x 2-3/4
1-1/4	4	1/2 x 2-3/4
1-1/2	4	1/2 x 3
2	4	5/8 x 3-1/2
2-1/2	4	5/8 x 3-3/4
3	4	5/8 x 3-3/4
3-1/2	8	5/8 x 3-3/4
4	8	5/8 x 3-3/4
5	8	3/4 x 4
6	8	3/4 x 4-1/4
8	8	3/4 x 4-1/2
10	12	7/8 x 4-3/4
12	12	7/8 x 5
14	12	1 x 5-1/2
16	16	1 x 5-1/2
18	16	1-1/8 x 6
20	20	1-1/8 x 6-1/2
24	20	1-1/4 x 7

Forged Steel Flanges 300 lb.

Pipe Size	No. of Studs	Dia. x Length
1/2	4	1/2 x 2-3/4
3/4	4	5/8 x 3-1/4
1	4	5/8 x 3-1/4
1-1/4	4	5/8 x 3-1/2
1-1/2	4	3/4 x 3-3/4
2	8	5/8 x 3-3/4
2-1/2	8	3/4 x 4-1/4
3	8	3/4 x 4-1/2
3-1/2	8	3/4 x 4-1/2
4	8	3/4 x 4-3/4
5	8	3/4 x 5
6	12	3/4 x 5
8	12	7/8 x 5-3/4
10	16	1 x 6-1/2
12	16	1-1/8 x 7
14	20	1-1/8 x 7-1/4
16	20	1-1/4 x 7-3/4
18	24	1-1/4 x 8
20	24	1-1/4 x 8-1/4
24	24	1-1/2 x 9-1/4

Forged Steel Flanges 400 lb.

Pipe Size	No. of Studs	Dia. x Length
1/2	4	1/2 x 3-1/4
3/4	4	5/8 x 3-3/4
1	4	5/8 x 3-3/4
1-1/4	4	5/8 x 4

Forged Steel Flanges 600 lb.

Pipe Size	No. of Studs	Dia. x Length
1/2	4	1/2 x 3-1/4
3/4	4	5/8 x 3-3/4
1	4	5/8 x 3-3/4
1-1/4	4	5/8 x 4

1-1/2	4	3/4 x 4-1/2
2	8	5/8 x 4-1/2
2-1/2	8	3/4 x 5
3	8	3/4 x 5-1/4
3-1/2	8	7/8 x 5-3/4
4	8	7/8 x 5-3/4
5	8	7/8 x 6
6	12	7/8 x 6-1/4
8	12	1 x 7
10	16	1-1/8 x 7-3/4
12	16	1-1/4 x 8-1/4
14	20	1-1/4 x 8-1/2
16	20	1-3/8 x 9
18	24	1-3/8 x 9-1/4
20	24	1-1/2 x 9-3/4
24	24	1-3/4 x 10-3/4

1-1/2	4	3/4 x 4-1/2
2	8	5/8 x 4-1/2
2-1/2	8	3/4 x 5
3	8	3/4 x 5-1/4
3-1/2	8	7/8 x 5-3/4
4	8	7/8 x 6
5	8	1 x 6-3/4
6	12	1 x 7
8	12	1-1/8 x 7-3/4
10	16	1-1/4 x 8-3/4
12	20	1-1/4 x 9
14	20	1-3/8 x 9-1/2
16	20	1-1/2 x 10-1/4
18	20	1-5/8 x 11
20	24	1-5/8 x 11-1/2
24	24	1-7/8 x 13

Forged Steel Flanges 900 lb.

Forged Steel Flanges 1500 lb.

Pipe Size	No. of Studs	Dia. x Length
1/2	4	3/4 x 4-1/2
3/4	4	3/4 x 4-3/4
1	4	7/8 x 5-1/4
1-1/4	4	7/8 x 5-1/4
1-1/2	4	1 x 5-3/4
2	8	7/8 x 6
2-1/2	8	1 x 6-1/2
3	8	7/8 x 6
3-1/2		
4	8	1-1/8 x 7
5	8	1-1/4 x 7-3/4
6	12	1-1/8 x 7-3/4
8	12	1-3/8 x 9
10	16	1-3/8 x 9-1/2
12	20	1-3/8 x 10-1/4
14	20	1-1/2 x 11
16	20	1-5/8 x 11-1/2
18	20	1-7/8 x 13
20	20	2 x 14
24	20	2-1/2 x 17-1/2

Pipe Size	No. of Studs	Dia. x Length
1/2	4	3/4 x 4-1/2
3/4	4	3/4 x 4-3/4
1	4	7/8 x 5-1/4
1-1/4	4	7/8 x 5-1/4
1-1/2	4	1 x 5-3/4
2	8	7/8 x 6
2-1/2	8	1 x 6-1/2
3	8	1-1/8 x 7-1/4
3-1/2		
4	8	1-1/4 x 8
5	8	1-1/2 x 10
6	12	1-3/8 x 10-1/2
8	12	1-5/8 x 11-3/4
10	12	1-7/8 x 13-1/2
12	16	2 x 15
14	16	2-1/4 x 16-12
16	16	2-1/2 x 18
18	16	2-3/4 x 19-12
20	16	3 x 21-1/2
24	16	3-1/2 x 24-1/2

Forged Steel Flanges 2500 lb.

Pipe Size	No. of Studs	Dia. x Length
1/2	4	3/4 x 5
3/4	4	3/4 x 5-1/4
1	4	7/8 x 5-3/4
1-1/4	4	1 x 6-1/4
1-1/2	4	1-1/8 x 7
2	8	1 x 7-1/4
2-1/2	8	1-1/8 x 8
3	8	1-1/4 x 9
3-1/2		
4	8	1-1/2 x 10-1/4
5	8	1-3/4 x 12
6	12	2 x 14
8	12	2 x 15-1/2
10	12	2-1/2 x 19-1/2
12	12	2-3/4 x 21-1/2
14		
16		
18		
20		
24		

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