



FLANGE DIMENSIONS

150# Flange Dimensions										
Nominal Pipe Size (in)	Flange OD (in)	Dia. of Bolt Circle (in)	Dia. of Bolts (in)	Number of Bolts	Length of Studs 1/16 Raised Face (in)	Bolt Length (in)	Length Through Hub			Blind Thickness (in)
							Weld Neck (in)	Slip On, Threaded, Socket Weld (in)	Lap Joint (in)	
1/2	3 1/2	2 3/8	1/2	4	2 1/4	1 3/4	1 7/8	5/8	5/8	7/16
3/4	3 7/8	2 3/4	1/2	4	2 1/4	2	2 1/16	5/8	5/8	1/2
1	4 1/4	3 1/8	1/2	4	2 1/2	2	2 3/16	11/16	11/16	9/16
1 1/4	4 5/8	3 1/2	1/2	4	2 1/2	2 1/4	2 1/4	13/16	13/16	5/8
1 1/2	5	3 7/8	1/2	4	2 3/4	2 1/4	2 7/16	7/8	7/8	11/16
2	6	4 3/4	5/8	4	3	2 3/4	2 1/2	1	1	3/4
2 1/2	7	5 1/2	5/8	4	3 1/4	3	2 3/4	1 1/8	1 1/8	7/8
3	7 1/2	6	5/8	4	3 1/2	3	2 3/4	1 3/16	1 3/16	15/16
3 1/2	8 1/2	7	5/8	8	3 1/2	3	2 13/16	1 1/4	1 1/4	15/16
4	9	7 1/2	5/8	8	3 1/2	3	3	1 5/16	1 5/16	15/16
5	10	8 1/2	3/4	8	3 3/4	3 1/4	3 1/2	1 7/16	1 7/16	15/16
6	11	9 1/2	3/4	8	3 3/4	3 1/4	3 1/2	1 9/16	1 9/16	1
8	13 1/2	11 3/4	3/4	8	4	3 1/2	4	1 3/4	1 3/4	1 1/8
10	16	14 1/4	7/8	12	4 1/2	3 3/4	4	1 15/16	1 15/16	1 3/16
12	19	17	7/8	12	4 1/2	4	4 1/2	2 3/16	2 3/16	1 1/4
14	21	18 3/4	1	12	5	4 1/4	5	2 1/4	3 1/8	1 3/8
16	23 1/2	21 1/4	1	16	5 1/4	4 1/2	5	2 1/2	3 7/16	1 7/16
18	15	22 3/4	1 1/8	16	5 3/4	4 3/4	5 1/2	2 11/16	3 13/16	1 9/16
20	17 1/2	25	1 1/8	20	6	5 1/4	5 11/16	2 7/8	-	1 11/16
22	29 1/2	27 1/4	1 1/4	20	6 1/2	5 1/2	5 7/8	3 1/8	-	1 13/16
24	32	29 1/2	1 1/4	20	6 3/4	5 3/4	6	3 1/4	-	1 7/8
26	34 1/4	31 3/4	1 1/4	24	7	6	5	3 3/8	-	2
30	38 3/4	36	1 1/4	28	7 1/4	6 1/4	5 1/8	3 1/2	-	2 1/8
34	43 3/4	40 1/2	1 1/2	32	8	7	5 5/16	3 11/16	-	2 5/16
36	46	42 3/4	1 1/2	32	8 1/4	7	5 3/8	3 3/4	-	2 3/8
42	53	49 1/2	1 1/2	36	8 3/4	7 1/2	5 5/8	4	-	2 5/8





300# Flange Dimensions										
Nominal Pipe Size (in)	Flange OD (in)	Dia. of Bolt Circle (in)	Dia. of Bolts (in)	Number of Bolts	Length of Studs 1/16 Raised Face (in)	Bolt Length (in)	Length Through Hub			Blind Thickness (in)
							Weld Neck (in)	Slip On, Threaded, Socket Weld	Lap Joint (in)	
1/2	3 3/4	2 5/8	1/2	4	2 1/2	2	2 1/16	7/8	7/8	9/16
3/4	4 5/8	3 1/4	5/8	4	2 3/4	2 1/2	2 1/4	1	1	5/8
1	4 7/8	3 1/2	5/8	4	3	25 1/2	2 7/16	1 1/16	1 1/16	11/16
1 1/4	5 1/4	3 7/8	5/8	4	3	2 3/4	2 9/16	1 1/16	1 1/16	3/4
1 1/2	6 1/8	4 1/2	3/4	4	3 1/2	3	2 11/16	1 3/16	1 3/16	13/16
2	6 1/2	5	5/8	8	3 1/4	3	2 3/4	1 5/16	1 5/16	7/8
2 1/2	7 1/2	5 7/8	3/4	8	3 3/4	3 1/4	3	1 1/2	1 1/2	1
3	8 1/4	6 5/8	3/4	8	4	3 1/2	3 1/8	1 11/16	1 11/16	1 1/8
3 1/2	9	7 1/4	3/4	8	4 1/4	3 3/4	3 3/16	1 3/4	1 3/4	1 3/16
4	10	7 7/8	3/4	8	4 1/4	3 3/4	3 3/8	1 7/8	1 7/8	1 1/4
5	11	9 1/4	3/4	8	4 1/2	4	3 7/8	2	2	1 3/8
6	12 1/2	10 5/8	3/4	12	4 3/4	4 1/4	3 7/8	2 1/16	2 1/16	1 7/16
8	15	13	7/8	12	5 1/4	4 3/4	4 3/8	2 7/16	2 7/16	1 5/8
10	17 1/2	15 1/4	1	16	6	5 1/4	4 5/8	2 5/8	3 3/4	1 7/8
12	20 1/2	17 3/4	1 1/8	16	6 1/2	5 3/4	5 1/8	2 7/8	4	2
14	23	20 1/4	1 1/8	20	6 3/4	6	5 5/8	3	4 3/8	2 1/8
16	25 1/2	22 1/2	1 1/4	20	7 1/4	6 1/2	5 3/4	3 1/4	4 3/4	2 1/4
18	28	24 3/4	1 1/4	24	7 1/2	6 3/4	6 1/4	3 1/2	5 1/8	2 3/8
20	30 1/2	27	1 1/4	24	8	7	6 3/8	3 3/4	5 1/2	2 1/2
22	33	29 1/4	1 1/2	24	8 3/4	7 1/2	6 1/2	4	6	2 5/8
24	36	32	1 1/2	24	9	7 3/4	6 5/8	4 3/16	-	2 3/4
26	38 1/4	34 1/2	1 5/8	28	10	8 3/4	7 1/4	7 1/4	-	3 1/8
30	43	39 1/4	1 3/4	28	11 1/4	10	8 1/4	8 1/4	-	3 5/8
34	47 1/2	43 1/2	1 7/8	28	12 1/4	10 3/4	9 1/8	9 1/8	-	4
36	50	46	2	32	12 3/4	11 1/4	9 1/2	9 1/2	-	4 1/8
42	57	52 3/4	2	36	13 3/4	13 1/2	10 7/8	10 7/8	-	4 5/8





600# Flange Dimensions									
Nominal Pipe Size (in)	Flange OD (in)	Dia. of Bolt Circle (in)	Dia. of Bolts (in)	Number of Bolts	Length of Studs 1/4 Raised Face (in)	Length Through Hub			Blind Thickness (in)
						Weld Neck (in)	Slip On, Threaded, Socket Weld (in)	Lap Joint (in)	
1/2	3 3/4	2 5/8	1/2	4	3	2 1/16	7/8	7/8	9/16
3/4	4 5/8	3 1/4	5/8	4	3 1/4	2 1/4	1	1	5/8
1	4 7/8	3 1/2	5/8	4	3 1/2	2 7/16	1 1/16	1 1/6	11/16
1 1/4	5 1/4	3 7/8	5/8	4	3 3/4	2 5/8	1 1/8	1 1/8	13/16
1 1/2	6 1/8	4 1/2	3/4	4	4	2 3/4	1 1/4	1 1/4	7/8
2	6 1/2	6	5/8	8	4	2 7/8	1 7/16	1 7/16	1
2 1/2	7 1/2	5 7/8	3/4	8	4 1/2	3 1/8	1 5/8	1 5/8	1 1/8
3	8 1/4	6 5/8	3/4	8	4 3/4	3 1/4	1 13/16	1 13/16	1 1/4
3 1/2	9	7 1/4	7/8	8	5 1/4	3 3/8	1 15/16	1 15/16	1 3/8
4	10 3/4	8 1/2	7/8	8	5 1/2	4	2 1/8	2 1/8	1 1/2
5	13	10 1/2	1	8	6 1/4	4 1/2	2 3/8	2 3/8	1 3/4
6	14	11 1/2	1	12	6 1/2	4 5/8	2 5/8	2 5/8	1 7/8
8	16 1/2	13 3/4	1 1/8	12	7 1/2	5 1/4	3	3	2 3/16
10	20	17	1 1/4	16	8 1/4	6	3 3/8	4 3/8	2 1/2
12	22	19 1/4	1 1/4	20	8 1/2	6 1/8	3 5/8	4 5/8	2 5/8
14	23 3/4	20 3/4	1 3/8	20	9	6 1/2	3 11/16	5	2 3/4
16	27	23 3/4	1 1/2	20	9 3/4	7	4 3/16	5 1/2	3
18	29 1/4	25 3/4	1 5/8	20	10 1/2	7 1/4	4 5/8	6	3 1/4
20	32	28 1/2	1 5/8	24	11 1/4	7 1/2	5	6 1/2	3 1/2
22	34 1/4	30 5/8	1 3/4	24	12	7 3/4	5 1/4	-	3 3/4
24	37	33	1 7/8	24	12 3/4	8	5 1/2	7 1/4	4
26	40	36	1 7/8	28	13 1/4	8 3/4	8 3/4	-	4 1/4
30	44 1/2	40 1/4	2	28	14	9 3/4	9 3/4	-	4 1/2
34	49	44 1/2	2 1/4	28	15	10 5/8	10 5/8	-	4 3/4
36	51 3/4	47	2 1/2	28	15 3/4	11 1/8	11 1/8	-	4 7/8
42	58 3/4	53 3/4	2 3/4	28	17 1/2	12 3/4	-	-	5 1/2

