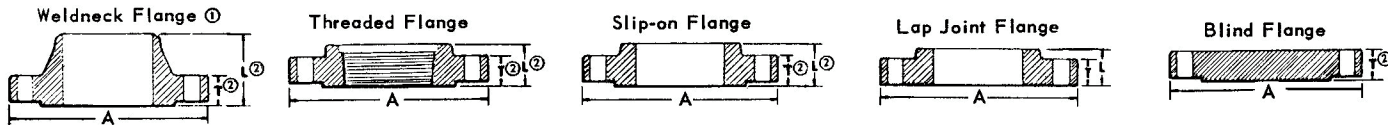


FLANGE DIMENSION CHART



Nom. Pipe Size	150 LB.							300 LB.							Nom. Pipe Size
	A	T	L			Bolt Circle	No. and Size of Holes	A	T	L			Bolt Circle	No. and Size of Holes	
			Weld Neck	Thrd. Slip on	Lap Joint					Weld Neck	Thrd. Slip on	Lap Joint			
1/2	3 1/2	3/16	1 1/8	3/8	3/8	2 3/8	4-3/8	3 3/4	9/16	2 1/16	7/8	7/8	2 3/8	4-3/8	1/2
3/4	3 3/8	1/2	2 1/16	3/8	3/8	2 3/4	4-3/8	4 5/8	3/8	2 1/4	1	1	3 1/4	4-3/4	3/4
1	4 1/4	5/8	2 3/16	1 1/16	1 1/16	3 3/4	4-3/8	4 7/8	1 1/16	2 3/16	1 1/16	1 1/16	3 1/2	4-3/4	1
1 1/4	4 5/8	5/8	2 1/4	1 3/16	1 3/16	3 1/2	4-3/8	5 1/4	3/4	2 3/8	1 1/16	1 1/16	3 3/8	4-3/4	1 1/4
1 1/2	5	1 1/16	2 3/16	7/8	7/8	3 3/8	4-3/8	6 1/8	1 1/16	2 1/16	1 3/16	1 3/16	4 1/2	4-3/4	1 1/2
2	6	3/4	2 1/2	1	1	4 3/4	4-3/4	6 1/2	1	2 3/4	1 1/2	1 1/2	5	8-3/4	2
2 1/2	7	7/8	2 3/4	1 1/8	1 1/8	5 1/2	4-3/4	7 1/2	3	3	1 1/2	1 1/2	5 1/2	8-3/8	2 1/2
3	7 1/2	1 1/16	2 3/4	1 3/16	1 3/16	6	4-3/4	8 1/4	1 1/8	3 1/8	1 11/16	1 11/16	6 3/8	8-7/8	3
3 1/2	8 1/2	1 3/16	2 3/4	1 1/4	1 1/4	7	8-3/4	9	1 3/16	3 3/16	1 3/8	1 3/8	7 1/4	8-7/8	3 1/2
4	9	1 3/8	3	1 3/8	1 3/8	7 1/2	8-3/4	10	1 1/4	3 3/8	1 7/8	1 7/8	7 7/8	8-7/8	4
5	10	1 1/2	3 1/2	1 7/8	1 7/8	8 1/2	8-7/8	11	1 3/8	3 3/4	2	2	9 1/4	8-7/8	5
6	11	1 5/8	3 3/2	1 7/8	1 7/8	9 1/2	8-7/8	12 1/2	1 7/8	3 3/4	2 1/8	2 1/8	10 3/4	12-7/8	6
8	13 1/2	1 7/8	4	1 3/4	1 3/4	11 3/4	8-7/8	15	1 5/8	4	2 1/8	2 1/8	13	12-1	8
10	16	1 3/4	4	1 5/8	1 5/8	14 1/4	12-1	17 1/2	1 7/8	4 1/2	2 3/4	2 3/4	15 1/4	16-1 1/8	10
12	19	1 1/4	4 1/2	2 1/16	2 1/16	17	12-1	20 1/2	2	5 1/4	2 7/8	2 7/8	17 3/4	16-1 1/4	12
14	21	1 3/8	5	2 1/4	2 1/4	18 3/4	12-1 1/8	23	2 1/8	5 3/8	3	4 3/8	20 1/4	20-1 1/4	14
16	23 1/2	1 7/8	5	2 1/2	2 1/2	21 1/4	16-1 1/4	25 1/2	2 1/4	5 3/4	3 1/4	4 3/4	22 1/2	20-1 3/4	16
18	25	1 3/4	5 1/2	2 1/2	2 1/2	22 3/4	16-1 1/4	28	2 3/8	6 1/2	3 1/2	5 1/2	24 3/4	24-1 3/8	18
20	27 1/2	1 11/16	5 1/16	2 5/8	2 5/8	25	20-1 1/4	30 1/2	2 1/2	6 3/4	3 3/4	5 1/2	27	24-1 1/2	20
24	32	1 7/8	6	3 1/4	3 1/4	29 1/2	20-1 3/8	36	2 3/4	6 3/4	4 1/8	6	32	24-1 1/2	24



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Industrial Distributor of
Pipe, Valves, and Fittings
Since 1949

Nom. Pipe Size	600 LB.							900 LB.							1500 LB.							
	A	T	L			Bolt Circle	No. and Size of Holes	A	T	L			Bolt Circle	No. and Size of Holes	A	T	L			Bolt Circle	No. and Size of Holes	
			Weld Neck	Thrd. Slip on	Lap Joint					Weld Neck	Thrd. Slip on	Lap Joint					Weld Neck	Thrd. Slip on	Lap Joint			
1/2	3 3/4	9/16	2 1/16	7/8	7/8	2 5/8	4-3/8	4 3/4	7/8	2 3/8	1 1/4	1 1/4	3 1/4	4-7/8	4 3/4	7/8	2 3/8	1 1/4	1 1/4	3 1/4	4-7/8	1/2
3/4	4 3/8	3/8	2 1/4	1	1	3 1/4	4-3/4	5 1/8	1	2 1/4	1 1/8	1 1/8	3 3/2	4-7/8	5 1/8	1	2 1/4	1 1/8	1 1/8	3 3/2	4-7/8	3/4
1	4 7/8	1 1/16	2 7/16	1 1/16	1 1/16	3 3/2	4-3/4	5 7/8	1 1/8	2 3/4	1 1/8	1 1/8	4	4-1	5 7/8	1 1/8	2 3/4	1 1/8	1 1/8	4	4-1	1
1 1/4	5 1/4	1 3/16	2 5/8	1 1/8	1 1/8	3 3/4	4-3/4	6 1/4	1 1/8	2 7/8	1 1/8	1 1/8	4 1/4	4-1	6 1/4	1 1/8	2 7/8	1 1/8	1 1/8	4 1/4	4-1	1 1/4
1 1/2	6 1/8	7/8	2 3/4	1 1/4	1 1/4	4 1/2	4-7/8	7	1 1/4	3 1/4	1 3/4	1 3/4	4 3/8	4-1 1/8	7	1 1/4	3 1/4	1 3/4	1 3/4	4 3/8	4-1 1/8	1 1/2
2	6 1/2	1	2 7/8	1 3/16	1 3/16	5	8-3/4	8 1/2	1 1/2	4	2 1/4	2 1/4	6 1/2	8-1	8 1/2	1 1/2	4	2 1/4	2 1/4	6 1/2	8-1	2
2 1/2	7 1/2	1 1/8	3 3/8	1 3/8	1 3/8	5 7/8	8-7/8	9 5/8	1 3/8	4 1/8	2 1/2	2 1/2	7 1/2	8-1 1/8	9 5/8	1 3/8	4 1/8	2 1/2	2 1/2	7 1/2	8-1 1/8	2 1/2
3	8 1/4	1 1/4	3 3/4	1 13/16	1 13/16	6 3/8	8-7/8	9 1/2	1 1/2	4	2 3/8	2 3/8	7 7/8	8-1	10 1/2	1 1/2	4 3/8	2 3/8	2 3/8	8	8-1 1/4	3
3 1/2	9	1 3/8	3 3/8	1 15/16	1 15/16	7 1/4	8-1	10 1/4	1 3/4	4 1/2	2 3/4	2 3/4	9 1/4	8-1 1/4	12 1/4	1 3/4	4 3/4	2 3/4	2 3/4	9 1/2	8-1 3/8	3 1/2
4	10 3/4	1 1/2	4	2 1/8	2 1/8	8 1/2	8-1	11 1/2	1 3/4	4 1/2	2 3/4	2 3/4	9 3/4	8-1 1/4	12 1/4	1 3/4	4 3/4	3 3/8	3 3/8	9 1/2	8-1 3/8	4
5	13	1 3/4	4 1/2	2 3/8	2 3/8	10 1/2	8-1 1/8	13 3/4	2	5	3 1/8	3 1/8	11	8-1 1/8	14 3/4	2 3/4	6 1/4	4 1/8	4 1/8	11 1/2	8-1 1/2	5
6	14	1 7/8	4 5/8	2 3/4	2 3/4	11 1/2	12-1 1/8	15	2 1/8	5 1/2	3 3/8	3 3/8	12 1/2	12-1 1/8	15 1/2	3 1/4	6 3/4	4 1 1/16	4 1 1/16	12 1/2	12-1 1/2	6
8	16 1/2	2 1/8	5 1/4	3	3	13 3/4	12-1 1/4	18 1/2	2 1/2	6 3/4	4	4 1/2	15 1/2	12-1 1/2	19	3 3/8	8 3/8	5 5/8	5 5/8	15 1/2	12-1 3/4	8
10	20	2 1/2	6	3 3/8	4 1/8	17	16-1 3/8	21 1/2	2 3/4	7 1/4	4 1/4	5	18 1/2	16-1 1/2	23	4 1/4	10	6 1/4	7	19	12-2	10
12	22	2 3/8	6 1/8	3 3/4	4 3/8	19 1/4	20-1 3/8	24	3 1/8	7 3/4	4 3/4	5 1/2	21	20-1 1/2	26 1/2	4 3/4	11 1/8	7 3/8	8 3/8	22 1/2	16-2 1/8	12
14	23 3/4	2 3/4	6 1/2	3 11/16	5	20 3/4	20-1 1/2	25 1/4	3 3/8	8 3/8	5 1/8	6 1/8	22	20-1 3/8	29 1/2	5 1/4	11 3/4	9 1/2	9 1/2	25	16-2 3/8	14
16	27	3	7	4 1/8	5 1/2	23 3/4	20-1 3/8	27 3/4	3 1/2	8 1/2	5 1/4	6 1/2	24 1/4	20-1 3/4	32 1/2	5 3/4	12 1/4	10 1/4	10 1/4	27 3/4	16-2 1/2	16
18	29 1/4	3 1/4	7 1/4	4 5/8	6 25/64	25 3/4	20-1 3/4	31	4	9	6	7 1/2	27	20-2	36	6 3/8	12 3/4	10 7/8	30 1/2	16-2 7/8	18	
20	32	3 1/2	7 1/2	5	6 1/2	28 1/2	24-1 3/4	33 3/4	4 1/4	9 3/4	6 1/4	8 1/4	29 1/2	20-2 1/8	38 3/4	7	14	11 1/4	32 3/4	16-3 1/2	20	
24	37	4	8	5 1/2	7 1/4	33	24-2	41	5 1/2	11 1/2	8	10 1/2	35 1/2	20-2 3/8	46	8	16	13	39	16-3 3/8	24	

Nom. Pipe Size	2500 LB.						
	A	T	L			Bolt Circle	No. and Size of Holes
			Weld Neck	Thrd. Slip on	Lap Joint		
1/2	5 1/4	1 3/16	2 7/8	1 1/8	1 1/8	3 1/2	4-7/8
3/4	5 1/2	1 1/4	3 1/8	1 1 1/16	1 1 1/16	3 3/4	4-7/8
1	6 1/4	1 3/8	3 1/2	1 1/8	1 1/8	4 1/4	4-1
1 1/4	7 1/4	1 1/2	3 3/4	2 1/8	2 1/8	5 1/8	4-1 1/4
1 1/2	8	1 3/4	4 1/8	2 3/8	2 3/8	5 3/4	4-1 1/4
2	9 3/4	2	5	2 3/4	2 3/4	6 3/4	8-1 1/8
2 1/2	10 1/2	2 1/4	5 5/8	3 3/8	3 3/8	7 3/4	8-1 1/4
3	12	2 3/8	6 3/8	3 3/8	3 3/8	9	8-1 1/2
4	14	3	7 1/2	4 1/4	4 1/4	10 3/4	8-1 1/2
5	16 1/2	3 3/8	9	5 1/4	5 1/4	12 3/4	8-1 1/2
6	19	4 1/4	10 3/4	6	6	14 1/2	8-2 1/4
8	21 3/4	5	12 1/2	7	7	17 1/4	12-2 1/4
10	26 3/8	6 1/2	16 1/2	9	9	21 1/4	12-2 3/8
12	30	7 1/4	18 1/4	10	10	24 3/4	12-2 3/8

WELDNECK FLANGE BORES

Nom. Pipe Size	Outside Diameter	Sched.														Double Extra Strong	
		10	20	30	Standard Wall	40	60	Extra Strong	80	100	120	140	160				
1/2	0.840				0.622	0.622		0.546	0.546							0.466	0.252
3/4	1.050				0.824	0.824		0.742	0.742							0.614	0.434
1	1.315				1.049	1.049		0.957	0.957							0.815	0.599
1 1/4	1.660				1.380	1.380		1.278	1.278							1.160	0.896
1 1/2	1.900				1.610	1.610		1.500	1.500							1.338	1.100
2	2.375				2.067	2.067		1.939	1.939							1.689	1.503
2 1/2	2.875				2.469	2.469		2.323	2.323							2.125	1.771
3	3.500				3.068	3.068		2.900	2.900							2.624	2.300
3 1/2	4.000				3.548	3.548		3.364	3.364								
4	4.500				4.026	4.026		3.826	3.826							3.438	3.152
5	5.563				5.047	5.047		4.813	4.813							4.563	4.063
6	6.625				6.065	6.065		5.761	5.761							5.501	5.189
8	8.625				8.125	8.071		7.813	7.813							7.625	7.001
10	10.750				10.250	10.136		10.020	10.020							9.624	9.064
12	12.750				12.250	12.090		12.000	11.938							11.064	10.500
14	14.000	13.500	13.375	13.250	13.250	13.124	12.814	12.814	12.814	12.500	12.500	12.126	11.814	11.500	11.188	11.188	11.188
16	16.000	15.500	15.375	15.250													