

# SERIES 150 FLANGES

Pipe	Wrench	Flange		Raised Face			Flange	Ring Joint		
		Bolts		Stud	Gasket			Dia.	Stud	Ring
		Quan.	Size		L'gth.	I.D.				
1/2	7/8	4	1/2	2 1/4	27/32	7/8	3 1/2	2 1/4	-	
3/4	7/8	4	1/2	2 1/2	1 1/16	2 1/4	3 7/8	2 1/2	-	
1	7/8	4	1/2	2 1/2	1 5/16	2 5/8	4 1/4	3	R15	
1 1/2	7/8	4	1/2	2 3/4	1 29/32	3 3/8	5	3 1/4	R19	
2	1 1/16	4	5/8	3 1/4	2 3/8	4 1/8	6	3 3/4	R22	
3	1 1/16	4	5/8	3 1/2	3 1/2	5 3/8	7 1/2	4	R29	
4	1 1/16	8	5/8	3 1/2	4 1/2	6 7/8	9	4	R36	
6	1 1/4	8	3/4	4	6 5/8	8 3/4	11	4 1/2	R43	
8	1 1/4	8	3/4	4 1/4	8 5/8	11	13 1/2	4 3/4	R48	
10	1 7/16	12	7/8	4 1/2	10 3/4	13 3/8	16	5	R52	
12	1 7/16	12	7/8	4 3/4	12 3/4	16 1/8	19	5 1/4	R56	
14	1 5/8	12	1	5 1/4	14	17 3/4	21	5 3/4	R59	
16	1 5/8	16	1	5 1/4	16	20 1/4	23 1/2	5 3/4	R64	
18	1 13/16	16	1 1/8	5 3/4	18	21 5/8	25	6 1/4	R68	
20	1 13/16	20	1 1/8	6 1/4	20	23 7/8	27 1/2	6 3/4	R72	
24	2	20	1 1/4	6 3/4	24	28 1/4	32	7 1/4	R76	
26A	2	24	1 1/4	9	26	30 1/2	34 1/4			
26B	1 1/4	36	3/4	5 3/4	26	28 9/16	30 15/16			
30A	2	28	1 1/4	9 1/2	30	34 3/4	38 3/4			
30B	1 1/4	44	3/4	6	30	32 9/16	34 15/16			
36A	2 3/8	32	1 1/2	11	36	41 1/4	46			
36B	1 7/16	44	7/8	6 3/4	36	38 7/8	41 5/8			
48A	2 3/8	44	1 1/2	12 1/2	48	54 1/2	59 1/2			
48B	1 13/16	44	1 1/8	8 1/4	48	51 7/16	54 13/16			

# SERIES 300 FLANGES

Pipe Size	Wrench Size	Flange		Raised Face			Flange Dia.	Ring Joint	
		Bolts		Stud L'gth.	Gasket			Stud L'gth.	Ring No.
		Quan.	Size		I.D.	O.D.			
1/2	7/8	4	1/2	2 1/2	27/32	2 1/8	3 3/4	3	R11
3/4	1 1/16	4	5/8	3	1 1/16	2 5/8	4 5/8	3 1/2	R13
1	1 1/16	4	5/8	3	1 15/16	2 7/8	4 7/8	3 1/2	R16
1 1/2	1 1/4	4	3/4	3 1/2	1 29/32	3 3/4	6 1/8	4	R20
2	1 1/16	8	5/8	3 1/2	2 3/8	4 3/8	6 1/2	4	R23
3	1 1/4	8	3/4	4 1/4	3 1/2	5 7/8	8 1/4	4 3/4	R31
4	1 1/4	8	3/4	4 1/2	4 1/2	7 1/8	10	5	R37
6	1 1/4	12	3/4	4 3/4	6 5/8	9 7/8	12.5	5 1/2	R45
8	1 7/16	12	7/8	5 1/2	8 5/8	12 1/8	15	6	R49
10	1 5/8	16	1	6 1/4	10 3/4	14 1/4	17 1/2	6 3/4	R53
12	1 13/16	16	1 1/8	6 3/4	12 3/4	16 5/8	20 1/2	7 1/4	R57
14	1 13/16	20	1 1/8	7	14	19 1/8	23	7 1/2	R61
16	2	20	1 1/4	7 1/2	16	21 1/4	25 1/2	8	R65
18	2	24	1 1/4	7 3/4	18	23 1/2	28	8 1/4	R69
20	2	24	1 1/4	8	20	25 3/4	30 1/2	8 3/4	R73
24	2 3/8	24	1 1/2	9	24	30 1/2	36	10	R77
26A	2 9/16	28	1 5/8	10 1/2	26	32 7/8	38 1/4		
26B	2	32	1 1/4	10 1/2	26	28 9/16	30 15/16		
30A	2 3/4	28	1 3/4	11 3/4	30	37 1/2	43		
30B	2 3/16	36	1 3/8	11 1/4	30	32 9/16	34 15/16		
36A	3 1/8	32	2	13 1/4	36	44	50		
36B	2 9/16	32	1 5/8	12 1/4	36	38 7/8	44 5/8		
48A	2 15/16	32	1 7/8	15 1/4	48	52 1/8	57 3/4		
48B	2 15/16	40	1 7/8	14 3/4	48	51 7/16	54 13/16		

# SERIES 600 FLANGES

Pipe Size	Wrench Size	Flange		Raised Face			Flange Dia.	Ring Joint	
		Bolts		Stud L'gth.	Gasket			Stud L'gth.	Ring No.
		Quan.	Size		I.D.	O.D.			
1/2	7/8	4	1/2	3	7/8	2 1/8	3 3/4	3	R11
3/4	1 1/16	4	5/8	3 1/2	1 1/16	2 5/8	4 5/8	3 1/2	R13
1	1 1/16	4	5/8	3 1/2	1 5/16	2 7/8	4 7/8	3 1/2	R16
1 1/2	1 1/4	4	3/4	4 1/4	1 29/32	3 3/4	6 1/8	4 1/4	R20
2	1 1/16	8	5/8	4 1/4	2 3/8	4 3/8	6 1/2	4 1/4	R23
3	1 1/4	8	3/4	5	3 1/2	5 7/8	8 1/4	5	R31
4	1 7/16	8	7/8	5 3/4	4 1/2	7 5/8	10 3/4	5 3/4	R37
6	1 5/8	12	1	6 3/4	6 5/8	10 1/2	14	6 3/4	R45
8	1 13/16	12	1 1/8	7 1/2	8 5/8	12 5/8	16 1/2	7 3/4	R49
10	2	16	1 1/4	8 1/2	10 3/4	15 3/4	20	8 1/2	R53
12	2	20	1 1/4	8 3/4	12 3/4	18	22	8 3/4	R57
14	2 3/16	20	1 3/8	9 1/2	14	19 3/8	23 3/4	9 1/4	R61
16	2 3/8	20	1 1/2	10	16	22 1/4	27	10	R65
18	2 9/16	20	1 5/8	10 3/4	18	24 1/8	29 1/4	10 3/4	R69
20	2 9/16	24	1 5/8	11 1/4	20	26 7/8	32	11 1/2	R73
24	2 15/16	24	1 7/8	13	24	31 1/8	37	13 1/4	R77
26A	2 15/16	28	1 7/8	13 3/4	26	34 1/8			
26B	2 9/16	28	1 5/8	13 1/2	26	30 1/8			
30A	3 1/8	28	2	14 1/2	30	38 1/4			
30B	2 15/16	28	1 7/8	15	30	44 1/2			
36A	3 7/8	28	2 1/2	16 1/4	36	41 1/4			
36B	3 1/2	28	2 1/4	17 1/2	36	54 3/4			
48A	4 1/4	32	2 3/4	21 3/4	48				
48B	4 1/4	32	2 3/4	21 3/4					

# SERIES 900 FLANGES

Pipe Size	Wrench Size	Flange		Raised Face			Flange Dia.	Ring Joint	
		Bolts		Stud L'gth.	Gasket			Stud L'gth.	Ring No.
		Quan.	Size		I.D.	O.D.			
1/2	1 1/4	4	3/4	4 1/4	7/8	2 1/2	4 3/4	4 1/4	R12
3/4	1 1/4	4	3/4	4 1/2	1 1/16	2 3/4	5 1/8	4 1/2	R14
1	1 7/16	4	7/8	5	1 5/16	3 1/8	5 7/8	5	R16
1 1/2	1 5/8	4	1	5 1/2	1 29/32	3 7/8	7	5 1/2	R20
2	1 7/16	8	7/8	5 3/4	2 3/8	5 1/2	8 1/2	5 3/4	R24
3	1 7/16	8	7/8	5 3/4	3 1/2	6 1/2	9 1/2	5 3/4	R31
4	1 13/16	8	1 1/8	6 3/4	4 1/2	8 1/2	11 1/2	6 3/4	R37
6	1 13/16	12	1 1/8	7 1/2	6 5/8	11 3/8	15	7 3/4	R45
8	2 3/16	12	1 3/8	8 3/4	8 5/8	14 1/2	18 1/2	8 3/4	R49
10	2 3/16	16	1 3/8	9 1/4	10 3/4	17 1/2	21 1/2	9 1/4	R53
12	2 3/16	20	1 3/8	10	12 3/4	19 5/8	24	10	R57
14	2 3/8	20	1 1/2	10 3/4	14	20 1/2	25 1/4	11	R62
16	2 9/16	20	1 5/8	11 1/4	16	22 5/8	27 3/4	11 1/2	R66
18	2 15/16	20	1 7/8	12 3/4	18	25 1/8	31	13 1/4	R70
20	3 1/8	20	2	13 3/4	20	27 1/2	33 3/4	14 1/4	R74
24	3 7/8	20	2 1/2	17 1/4	24	33	41	18	R78
26A	4 1/4	20	2 3/4	18					
26B	3 7/8	20	2 1/2	17					
30A	4 5/8	20	3	19 1/4					
30B	4 5/8	20	3	19 3/4					
36A	5 3/8	20	3 1/2	22					
36B	4 5/8	24	3	21					
48A	6 1/8	24	4	27 3/4					
48B	6 1/8	24	4	27 3/4					