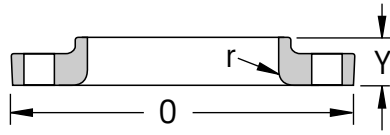


## LAP JOINT FLANGES



NOM. PIPE SIZE	150 LB.		300 LB.		400 LB.		600 LB.	
	O	Y <sup>(1)</sup>	O	Y <sup>(1)</sup>	O	Y <sup>(2)</sup>	O	Y <sup>(2)</sup>
1/2	3 1/2	5/8	3 3/4	7/8	For sizes 3 1/2	3 3/4	7/8	
3/4	3 7/8	5/8	4 5/8	1		4 5/8	1	
1	4 1/4	1 1/16	4 7/8	1 1/16		4 7/8	1 1/16	
1 1/4	4 5/8	1 3/16	5 1/4	1 1/16	and smaller use 600 LB. Standard	5 1/4	1 1/8	
1 1/2	5	7/8	6 1/8	1 3/16		6 1/8	1 1/4	
2	6	1	6 1/2	1 5/16		6 1/2	1 7/16	
2 1/2	7	1 1/8	7 1/2	1 1/2		7 1/2	1 5/8	
3	7 1/2	1 3/16	8 1/4	1 11/16		8 1/4	1 13/16	
3 1/2	8 1/2	1 1/4	9	1 3/4		9	1 15/16	
4	9	1 5/16	10	1 7/8	10	2	10 3/4	2 1/8
5	10	1 7/16	11	2	11	2 1/8	13	2 3/8
6	11	1 9/16	12 1/2	2 1/16	12 1/2	2 1/4	14	2 5/8
8	13 1/2	1 3/4	15	2 7/16	15	2 11/16	16 1/2	3
10	16	1 15/16	17 1/2	3 3/4	17 1/2	4	20	4 3/8
12	19	2 3/16	20 1/2	4	20 1/2	4 1/4	22	4 5/8
14	21	3 1/8	23	4 3/8	23	4 5/8	23 3/4	5
16	23 1/2	3 7/16	25 1/2	4 3/4	25 1/2	50	27	5 1/2
18	25	3 13/16	28	5 1/8	28	5 3/8	29 1/4	6
20	27 1/2	4 1/16	30 1/2	5 1/2	30 1/2	5 3/4	32	6 1/2
24	32	4 3/8	36	6	36	6 1/4	37	7 1/4

(1) The 1/16" raised face **is** included in length thru Hub, "Y".

(2) The 1/16" raised face **is not** included in length thru Hub, "Y".