



All dimensions are in inches.  
These flanges will be furnished with a 1/16" raised face unless otherwise specified.

**ANSI B16.5 CLASS 300 LAP JOINT FLANGES**

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Length Thru Hub (Y)	Hub Diameter (X)	Radius (r)	Bore (B)	Number of Holes	Diameter of Holes	Bolt Circle (C)	Approximate Weight (lbs)
1/2	3.75	0.56	0.88	1.50	0.13	0.90	4	0.63	2.63	2
3/4	4.63	0.63	1.00	1.88	0.13	1.11	4	0.75	3.25	3
1	4.88	0.69	1.06	2.13	0.13	1.38	4	0.75	3.50	3
1 1/4	5.25	0.75	1.06	2.50	0.19	1.72	4	0.75	3.88	4
1 1/2	6.13	0.81	1.19	2.75	0.25	1.97	4	0.88	4.50	6
2	6.50	0.88	1.31	3.31	0.31	2.46	8	0.75	5.00	7
2 1/2	7.50	1.00	1.50	3.94	0.31	2.97	8	0.88	5.88	10
3	8.25	1.13	1.69	4.63	0.38	3.60	8	0.88	6.63	13
3 1/2	9.00	1.19	1.75	5.25	0.38	4.10	8	0.88	7.25	17
4	10.00	1.25	1.88	5.75	0.44	4.60	8	0.88	7.88	22
5	11.00	1.38	2.00	7.00	0.44	5.69	8	0.88	9.25	28
6	12.50	1.44	2.06	8.13	0.50	6.75	12	0.88	10.63	39
8	15.00	1.63	2.44	10.25	0.50	8.75	12	1.00	13.00	58
10	17.50	1.88	3.75	12.63	0.50	10.92	16	1.13	15.25	91
12	20.50	2.00	4.00	14.75	0.50	12.92	16	1.25	17.75	140
14	23.00	2.13	4.38	16.75	0.50	14.18	20	1.25	20.25	190
16	25.50	2.25	4.75	19.00	0.50	16.19	20	1.38	22.50	250
18	28.00	2.38	5.13	21.00	0.50	18.20	24	1.38	24.75	295
20	30.50	2.50	5.50	23.13	0.50	20.25	24	1.38	27.00	370
22	33.00	2.63	5.75	25.25	0.50	22.25	24	1.63	29.25	435
24	36.00	2.75	6.00	27.63	0.50	24.25	24	1.63	32.00	550