



All dimensions are in inches.
These flanges will be furnished with a 1/4" raised face unless otherwise specified.

ANSI B16.5 CLASS 600 LAP JOINT FLANGES

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Raised Face Diameter (R)	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	1.38	0.88	1.50	0.13	0.90	4	0.63	2.63	2
3/4	4.63	0.63	1.69	1.00	1.88	0.13	1.11	4	0.75	3.25	3
1	4.88	0.69	2.00	1.06	2.13	0.13	1.38	4	0.75	3.50	4
1 1/4	5.25	0.81	2.50	1.13	2.50	0.19	1.72	4	0.75	3.88	5
1 1/2	6.13	0.88	2.88	1.25	2.75	0.25	1.97	4	0.88	4.50	7
2	6.50	1.00	3.63	1.44	3.31	0.31	2.46	8	0.75	5.00	9
2 1/2	7.50	1.13	4.13	1.63	3.94	0.31	2.97	8	0.88	5.88	13
3	8.25	1.25	5.00	1.81	4.63	0.38	3.60	8	0.88	6.63	16
3 1/2	9.00	1.38	5.50	1.94	5.25	0.38	4.10	8	1.00	7.25	21
4	10.75	1.50	6.19	2.13	6.00	0.44	4.60	8	1.00	8.50	37
5	13.00	1.75	7.31	2.38	7.44	0.44	5.69	8	1.13	10.50	63
6	14.00	1.88	8.50	2.63	8.75	0.50	6.75	12	1.13	11.50	80
8	16.50	2.19	10.63	3.00	10.75	0.50	8.75	12	1.25	13.75	115
10	20.00	2.50	12.75	4.38	13.50	0.50	10.92	16	1.38	17.00	170
12	22.00	2.63	15.00	4.63	15.75	0.50	12.92	20	1.38	19.25	200
14	23.75	2.75	16.25	5.00	17.00	0.50	14.18	20	1.50	20.75	230
16	27.00	3.00	18.50	5.50	19.50	0.50	16.19	20	1.63	23.75	330
18	29.25	3.25	21.00	6.00	21.50	0.50	18.20	20	1.75	25.75	400
20	32.00	3.50	23.00	6.50	24.00	0.50	20.25	24	1.75	28.50	510
22	34.25	3.75	25.25	6.88	26.25	0.50	22.25	24	1.88	30.63	590
24	37.00	4.00	27.25	7.25	28.25	0.50	24.25	24	2.00	33.00	730