



All dimensions are in inches.

ANSI B16.5 CLASS 2500 LAP JOINT FLANGES

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Length Thru Hub (Y)	Hub Diameter (X)	Bore (B)	Radius (r)	Number of Holes	Diameter of Holes	Bolt Circle (C)	Approximate Weight (lbs)
1/2	5.25	1.19	1.56	1.69	0.90	0.13	4	0.88	3.50	7
3/4	5.50	1.25	1.69	2.00	1.11	0.13	4	0.88	3.75	8
1	6.25	1.38	1.88	2.25	1.38	0.13	4	1.00	4.25	11
1 1/4	7.25	1.50	2.06	2.88	1.72	0.19	4	1.13	5.13	16
1 1/2	8.00	1.75	2.38	3.13	1.97	0.25	4	1.25	5.75	22
2	9.25	2.00	2.75	3.75	2.46	0.31	8	1.13	6.75	37
2 1/2	10.50	2.25	3.13	4.50	2.97	0.31	8	1.25	7.75	53
3	12.00	2.63	3.63	5.25	3.60	0.38	8	1.38	9.00	80
4	14.00	3.00	4.25	6.50	4.60	0.38	8	1.63	10.75	120
5	16.50	3.63	5.13	8.00	5.69	0.44	8	1.88	12.75	205
6	19.00	4.25	6.00	9.25	6.75	0.44	8	2.13	14.50	315
8	21.75	5.00	7.00	12.00	8.75	0.50	12	2.13	17.25	470
10	26.50	6.50	9.00	14.75	10.92	0.50	12	2.63	21.25	900
12	30.00	7.25	10.00	17.38	12.92	0.50	12	2.88	24.38	1100