



All dimensions are in inches.

ANSI B16.5 CLASS 1500 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	4.75	0.88	1.25	1.50	0.90	0.13	4	0.88	3.25	4
3/4	5.13	1.00	1.38	1.75	1.11	0.13	4	0.88	3.50	5
1	5.88	1.13	1.63	2.06	1.38	0.13	4	1.00	4.00	8
1 1/4	6.25	1.13	1.63	2.50	1.72	0.19	4	1.00	4.38	9
1 1/2	7.00	1.25	1.75	2.75	1.97	0.25	4	1.13	4.88	12
2	8.50	1.50	2.25	4.13	2.46	0.31	8	1.00	6.50	25
2 1/2	9.63	1.63	2.50	4.88	2.97	0.31	8	1.13	7.50	35
3	10.50	1.88	2.88	5.25	3.60	0.38	8	1.25	8.00	47
4	12.25	2.13	3.56	6.38	4.60	0.38	8	1.38	9.50	75
5	14.75	2.88	4.13	7.75	5.69	0.44	8	1.63	11.50	140
6	15.50	3.25	4.69	9.00	6.75	0.44	12	1.50	12.50	170
8	19.00	3.63	5.63	11.50	8.75	0.50	12	1.75	15.50	285
10	23.00	4.25	7.00	14.50	10.92	0.50	12	2.00	19.00	485
12	26.50	4.88	8.63	17.75	12.92	0.50	16	2.13	22.50	630
14	29.50	5.25	9.50	19.50	14.18	0.50	16	2.38	25.00	890
16	32.50	5.75	10.25	21.75	16.19	0.50	16	2.63	27.75	1150
18	36.00	6.38	10.88	23.50	18.20	0.50	16	2.88	30.50	1475
20	38.75	7.00	11.50	25.25	20.25	0.50	16	3.13	32.75	1775
24	46.00	8.00	13.00	30.00	24.25	0.50	16	3.63	39.00	2825