



All dimensions are in inches

**ANSI B16.5 CLASS 150 LAP JOINT FLANGES**

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Length Thru Hub (Y)	Hub Diameter (X)	Radius (r)	Number of Holes	Diameter of Holes	Bolt Circle (C)	Approximate Weight (lbs)
1/2	3.50	0.44	0.63	1.19	0.13	4	0.63	2.38	1
3/4	3.88	0.50	0.63	1.50	0.13	4	0.63	2.75	2
1	4.25	0.56	0.69	1.94	0.13	4	0.63	3.13	2
1 1/4	4.63	0.63	0.81	2.31	0.19	4	0.63	3.50	3
1 1/2	5.00	0.69	0.88	2.56	0.25	4	0.63	3.88	3
2	6.00	0.75	1.00	3.06	0.31	4	0.75	4.75	5
2 1/2	7.00	0.88	1.13	3.56	0.31	4	0.75	5.50	7
3	7.50	0.94	1.19	4.25	0.38	4	0.75	6.00	8
3 1/2	8.50	0.94	1.25	4.81	0.38	8	0.75	7.00	11
4	9.00	0.94	1.31	5.31	0.44	8	0.75	7.50	13
5	10.00	0.94	1.44	6.44	0.44	8	0.88	8.50	15
6	11.00	1.00	1.56	7.56	0.50	8	0.88	9.50	19
8	13.50	1.13	1.75	9.69	0.50	8	0.88	11.75	30
10	16.00	1.19	1.94	12.00	0.50	12	1.00	14.25	43
12	19.00	1.25	2.19	14.38	0.50	12	1.00	17.00	64
14	21.00	1.38	2.25	15.75	0.50	12	1.13	18.75	105
16	23.50	1.44	2.50	18.00	0.50	16	1.13	21.25	140
18	25.00	1.56	2.69	19.88	0.50	16	1.25	22.75	160
20	27.50	1.69	2.88	22.00	0.50	20	1.25	25.00	195
22	29.50	1.81	3.13	24.25	0.50	20	1.38	27.25	245
24	32.00	1.88	3.25	26.13	0.50	20	1.38	29.50	275