



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

ANSI B16.5 CLASS 300 WELDING NECK FLANGES

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Raised Face Diameter (R)	Length Thru Hub (Y)	Point of Weld (A)	Hub Diameter (X)	Bore (B)	Number of Holes	Diameter of Holes	Bolt Circle (C)	Approximate Weight (lbs)
1/2	3.75	0.56	1.38	2.06	0.84	1.50	0.62	4	0.63	2.63	2
3/4	4.63	0.63	1.69	2.25	1.05	1.88	0.82	4	0.75	3.25	3
1	4.88	0.69	2.00	2.44	1.32	2.13	1.05	4	0.75	3.50	4
1 1/4	5.25	0.75	2.50	2.56	1.66	2.50	1.38	4	0.75	3.88	5
1 1/2	6.13	0.81	2.88	2.69	1.90	2.75	1.61	4	0.88	4.50	7
2	6.50	0.88	3.63	2.75	2.38	3.31	2.07	8	0.75	5.00	9
2 1/2	7.50	1.00	4.13	3.00	2.88	3.94	2.47	8	0.88	5.88	12
3	8.25	1.13	5.00	3.13	3.50	4.63	3.07	8	0.88	6.63	15
3 1/2	9.00	1.19	5.50	3.19	4.00	5.25	3.55	8	0.88	7.25	18
4	10.00	1.25	6.19	3.38	4.50	5.75	4.03	8	0.88	7.88	25
5	11.00	1.38	7.31	3.88	5.56	7.00	5.05	8	0.88	9.25	32
6	12.50	1.44	8.50	3.88	6.63	8.13	6.07	12	0.88	10.63	42
8	15.00	1.63	10.63	4.38	8.63	10.25	7.98	12	1.00	13.00	67
10	17.50	1.88	12.75	4.63	10.75	12.63	10.02	16	1.13	15.25	91
12	20.50	2.00	15.00	5.13	12.75	14.75	12.00	16	1.25	17.75	140
14	23.00	2.13	16.25	5.63	14.00	16.75	13.25	20	1.25	20.25	180
16	25.50	2.25	18.50	5.75	16.00	19.00	15.25	20	1.38	22.50	250
18	28.00	2.38	21.00	6.25	18.00	21.00	17.25	24	1.38	24.75	320
20	30.50	2.50	23.00	6.38	20.00	23.13	19.25	24	1.38	27.00	400
22	33.00	2.63	25.25	6.50	22.00	25.25	21.25	24	1.63	29.25	465
24	36.00	2.75	27.25	6.63	24.00	27.63	23.25	24	1.63	32.00	580