



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 150 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	3.50	0.44	1.38	1.88	0.84	1.19	0.62	4	0.63	2.38	2
3/4	3.88	0.50	1.69	2.06	1.05	1.50	0.82	4	0.63	2.75	2
1	4.25	0.56	2.00	2.19	1.32	1.94	1.05	4	0.63	3.13	3
1 1/4	4.63	0.63	2.50	2.25	1.66	2.31	1.38	4	0.63	3.50	3
1 1/2	5.00	0.69	2.88	2.44	1.90	2.56	1.61	4	0.63	3.88	4
2	6.00	0.75	3.63	2.50	2.38	3.06	2.07	4	0.75	4.75	6
2 1/2	7.00	0.88	4.13	2.75	2.88	3.56	2.47	4	0.75	5.50	8
3	7.50	0.94	5.00	2.75	3.50	4.25	3.07	4	0.75	6.00	10
3 1/2	8.50	0.94	5.50	2.81	4.00	4.81	3.55	8	0.75	7.00	12
4	9.00	0.94	6.19	3.00	4.50	5.31	4.03	8	0.75	7.50	15
5	10.00	0.94	7.31	3.50	5.56	6.44	5.05	8	0.88	8.50	19
6	11.00	1.00	8.50	3.50	6.63	7.56	6.07	8	0.88	9.50	24
8	13.50	1.13	10.63	4.00	8.63	9.69	7.98	8	0.88	11.75	39
10	16.00	1.19	12.75	4.00	10.75	12.00	10.02	12	1.00	14.25	52
12	19.00	1.25	15.00	4.50	12.75	14.38	12.00	12	1.00	17.00	80
14	21.00	1.38	16.25	5.00	14.00	15.75	13.25	12	1.13	18.75	110
16	23.50	1.44	18.50	5.00	16.00	18.00	15.25	16	1.13	21.25	140
18	25.00	1.56	21.00	5.50	18.00	19.88	17.25	16	1.25	22.75	150
20	27.50	1.69	23.00	5.69	20.00	22.00	19.25	20	1.25	25.00	180
22	29.50	1.81	25.25	5.88	22.00	24.25	21.25	20	1.38	27.25	225
24	32.00	1.88	27.25	6.00	24.00	26.13	23.25	20	1.38	29.50	260