



All dimensions are in inches.
These flanges will be furnished with a 1/4" raised face unless otherwise specified.

ANSI B16.5 CLASS 1500 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	4.75	0.88	1.38	2.38	0.84	1.50	Specified by purchaser	4	0.88	3.25	5
3/4	5.13	1.00	1.69	2.75	1.05	1.75	Specified by purchaser	4	0.88	3.50	6
1	5.88	1.13	2.00	2.88	1.32	2.06	Specified by purchaser	4	1.00	4.00	9
1 1/4	6.25	1.13	2.50	2.88	1.66	2.50	Specified by purchaser	4	1.00	4.38	10
1 1/2	7.00	1.25	2.88	3.25	1.90	2.75	Specified by purchaser	4	1.13	4.88	13
2	8.50	1.50	3.63	4.00	2.38	4.13	Specified by purchaser	8	1.00	6.50	25
2 1/2	9.63	1.63	4.13	4.06	2.88	4.88	Specified by purchaser	8	1.13	7.50	36
3	10.50	1.88	5.00	4.63	3.50	5.25	Specified by purchaser	8	1.25	8.00	48
4	12.25	2.13	6.19	4.88	4.50	6.38	Specified by purchaser	8	1.38	9.50	73
5	14.75	2.88	7.31	6.13	5.56	7.75	Specified by purchaser	8	1.63	11.50	130
6	15.50	3.25	8.50	6.75	6.63	9.00	Specified by purchaser	12	1.50	12.50	165
8	19.00	3.63	10.63	8.38	8.63	11.50	Specified by purchaser	12	1.75	15.50	275
10	23.00	4.25	12.75	10.00	10.75	14.50	Specified by purchaser	12	2.00	19.00	455
12	26.50	4.88	15.00	11.13	12.75	17.75	Specified by purchaser	16	2.13	22.50	690
14	29.50	5.25	16.25	11.75	14.00	19.50	Specified by purchaser	16	2.38	25.00	940
16	32.50	5.75	18.50	12.25	16.00	21.75	Specified by purchaser	16	2.63	27.75	1250
18	36.00	6.38	21.00	12.88	18.00	23.50	Specified by purchaser	16	2.88	30.50	1625
20	38.75	7.00	23.00	14.00	20.00	25.25	Specified by purchaser	16	3.13	32.75	2050
24	46.00	8.00	27.25	16.00	24.00	30.00	Specified by purchaser	16	3.63	39.00	3325