



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

ANSI B16.5 CLASS 600 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	Specified by purchaser	4	0.63	2.63	2
3/4	4.63	0.63	1.69	2.25	1.05	1.88	Specified by purchaser	4	0.75	3.25	4
1	4.88	0.69	2.00	2.44	1.32	2.13	Specified by purchaser	4	0.75	3.50	4
1 1/4	5.25	0.81	2.50	2.63	1.66	2.50	Specified by purchaser	4	0.75	3.88	6
1 1/2	6.13	0.88	2.88	2.75	1.90	2.75	Specified by purchaser	4	0.88	4.50	8
2	6.50	1.00	3.63	2.88	2.38	3.31	Specified by purchaser	8	0.75	5.00	12
2 1/2	7.50	1.13	4.13	3.13	2.88	3.94	Specified by purchaser	8	0.88	5.88	18
3	8.25	1.25	5.00	3.25	3.50	4.63	Specified by purchaser	8	0.88	6.63	23
3 1/2	9.00	1.38	5.50	3.38	4.00	5.25	Specified by purchaser	8	1.00	7.25	26
4	10.75	1.50	6.19	4.00	4.50	6.00	Specified by purchaser	8	1.00	8.50	42
5	13.00	1.75	7.31	4.50	5.56	7.44	Specified by purchaser	8	1.13	10.50	68
6	14.00	1.88	8.50	4.63	6.63	8.75	Specified by purchaser	12	1.13	11.50	81
8	16.50	2.19	10.63	5.25	8.63	10.75	Specified by purchaser	12	1.25	13.75	120
10	20.00	2.50	12.75	6.00	10.75	13.50	Specified by purchaser	16	1.38	17.00	190
12	22.00	2.63	15.00	6.13	12.75	15.75	Specified by purchaser	20	1.38	19.25	225
14	23.75	2.75	16.25	6.50	14.00	17.00	Specified by purchaser	20	1.50	20.75	280
16	27.00	3.00	18.50	7.00	16.00	19.50	Specified by purchaser	20	1.63	23.75	390
18	29.25	3.25	21.00	7.25	18.00	21.50	Specified by purchaser	20	1.75	25.75	475
20	32.00	3.50	23.00	7.50	20.00	24.00	Specified by purchaser	24	1.75	28.50	590
22	34.25	3.75	25.25	7.75	22.00	26.25	Specified by purchaser	24	1.88	30.63	720
24	37.00	4.00	27.25	8.00	24.00	28.25	Specified by purchaser	24	2.00	33.00	830