



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

## ANSI B16.5 CLASS 400 WELDING NECK FLANGES

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Raised Face Diameter (R)	Length Thru Hub (Y)	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	1.50	Specified by purchaser	4	0.63	2.63	2
3/4	4.63	0.63	1.69	2.25	1.88	Specified by purchaser	4	0.75	3.25	4
1	4.88	0.69	2.00	2.44	2.13	Specified by purchaser	4	0.75	3.50	4
1 1/4	5.25	0.81	2.50	2.63	2.50	Specified by purchaser	4	0.75	3.88	6
1 1/2	6.13	0.88	2.88	2.75	2.75	Specified by purchaser	4	0.88	4.50	8
2	6.50	1.00	3.63	2.88	3.31	Specified by purchaser	8	0.75	5.00	12
2 1/2	7.50	1.13	4.13	3.13	3.94	Specified by purchaser	8	0.88	5.88	18
3	8.25	1.25	5.00	3.25	4.63	Specified by purchaser	8	0.88	6.63	23
3 1/2	9.00	1.38	5.50	3.38	5.25	Specified by purchaser	8	1.00	7.25	26
4	10.00	1.38	6.19	3.50	5.75	Specified by purchaser	8	1.00	7.88	35
5	11.00	1.50	7.31	4.00	7.00	Specified by purchaser	8	1.00	9.25	43
6	12.50	1.63	8.50	4.06	8.13	Specified by purchaser	12	1.00	10.63	57
8	15.00	1.88	10.63	4.63	10.25	Specified by purchaser	12	1.13	13.00	89
10	17.50	2.13	12.75	4.88	12.63	Specified by purchaser	16	1.25	15.25	125
12	20.50	2.25	15.00	5.38	14.75	Specified by purchaser	16	1.38	17.75	175
14	23.00	2.38	16.25	5.88	16.75	Specified by purchaser	20	1.38	20.25	230
16	25.50	2.50	18.50	6.00	19.00	Specified by purchaser	20	1.50	22.50	295
18	28.00	2.63	21.00	6.50	21.00	Specified by purchaser	24	1.50	24.75	350
20	30.50	2.75	23.00	6.63	23.13	Specified by purchaser	24	1.63	27.00	425
22	33.00	2.88	25.25	6.75	25.25	Specified by purchaser	24	1.75	29.25	505
24	36.00	3.00	27.25	6.88	27.63	Specified by purchaser	24	1.88	32.00	620