



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

### ANSI B16.5 CLASS 900 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	9.50	1.50	5.00	4.00	4.00	5.00	Specified by purchaser	8	1.00	7.50	31
4	11.50	1.75	6.19	4.50	4.50	6.25	Specified by purchaser	8	1.25	9.25	53
5	13.75	2.00	7.31	5.00	5.56	7.50	Specified by purchaser	8	1.38	11.00	86
6	15.00	2.19	8.50	5.50	6.63	9.25	Specified by purchaser	12	1.25	12.50	110
8	18.50	2.50	10.63	6.38	8.63	11.75	Specified by purchaser	12	1.50	15.50	175
10	21.50	2.75	12.75	7.25	10.75	14.50	Specified by purchaser	16	1.50	18.50	260
12	24.00	3.13	15.00	7.88	12.75	16.50	Specified by purchaser	20	1.50	21.00	325
14	25.25	3.38	16.25	8.38	14.00	17.75	Specified by purchaser	20	1.63	22.00	400
16	27.75	3.50	18.50	8.50	16.00	20.00	Specified by purchaser	20	1.75	24.25	495
18	31.00	4.00	21.00	9.00	18.00	22.25	Specified by purchaser	20	2.00	27.00	680
20	33.75	4.25	23.00	9.75	20.00	24.50	Specified by purchaser	20	2.13	29.50	830
24	41.00	5.50	27.25	11.50	24.00	29.50	Specified by purchaser	20	2.63	35.50	1500