



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 300 SOCKET-WELD FLANGES**

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Length Thru Hub (Y)	Hub Diameter (X)	Bore (B <sub>1</sub> )	Bore (B <sub>2</sub> )	Depth of Socket (D)	Number of Holes	Diameter of Holes	Bolt Circle (C)	Approximate Weight (lbs)
1/2	3.75	0.56	0.88	1.50	0.62	0.88	0.38	4	0.63	2.63	2
3/4	4.63	0.63	1.00	1.88	0.82	1.09	0.44	4	0.75	3.25	3
1	4.88	0.69	1.06	2.13	1.05	1.36	0.50	4	0.75	3.50	3
1 1/4	5.25	0.75	1.06	2.50	1.38	1.70	0.56	4	0.75	3.88	4
1 1/2	6.13	0.81	1.19	2.75	1.61	1.95	0.63	4	0.88	4.50	6
2	6.50	0.88	1.31	3.31	2.07	2.44	0.69	8	0.75	5.00	7
2 1/2	7.50	1.00	1.50	3.94	2.47	2.94	0.75	8	0.88	5.88	10
3	8.25	1.13	1.69	4.63	3.07	3.57	0.81	8	0.88	6.63	13