



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

ANSI B16.5 CLASS 1500 SOCKET-WELD FLANGES

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Raised Face Diameter (R)	Length Thru Hub (Y)	Hub Diameter (X)	Bore (B ₁)	Bore (B ₂)	Depth of Socket (D)	Number of Holes	Diameter of Holes	Bolt Circle (C)	Approximate Weight (lbs)
1/2	4.75	0.88	1.38	1.25	1.50	Specified by purchaser	0.88	0.38	4	0.88	3.25	4
3/4	5.13	1.00	1.69	1.38	1.75	Specified by purchaser	1.09	0.44	4	0.88	3.50	5
1	5.88	1.13	2.00	1.63	2.06	Specified by purchaser	1.36	0.50	4	1.00	4.00	8
1 1/4	6.25	1.13	2.50	1.63	2.50	Specified by purchaser	1.70	0.56	4	1.00	4.38	9
1 1/2	7.00	1.25	2.88	1.75	2.75	Specified by purchaser	1.95	0.63	4	1.13	4.88	12
2	8.50	1.50	3.63	2.25	4.13	Specified by purchaser	2.44	0.69	8	1.00	6.50	25
2 1/2	9.63	1.63	4.13	2.50	4.88	Specified by purchaser	2.94	0.75	8	1.13	7.50	36