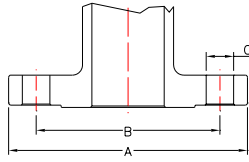
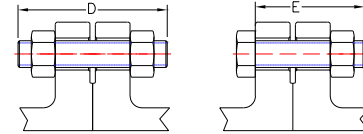


Flanged Dimensions and Drilling Templates



CLASS 150, 300 STEEL FLANGED VALVES ASME B16.5-1996



Class 150 Flanges

Nominal Pipe Size	Outside Diameter of Flange	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Length of Stud Bolts with 2 Nuts	Length of Bolts
	A	B	C			D	E
1/2"	3.50	2.38	0.62	4	1/2	2.25	2.00
3/4"	3.88	2.75	0.62	4	1/2	2.50	2.00
1"	4.25	3.12	0.62	4	1/2	2.50	2.25
1 1/2"	5.00	3.88	0.62	4	1/2	2.75	2.50
2"	6.00	4.75	0.75	4	5/8	3.25	2.75
2 1/2"	7.00	5.50	0.75	4	5/8	3.50	3.00
3"	7.50	6.00	0.75	4	5/8	3.50	3.00
4"	9.00	7.50	0.75	8	5/8	3.50	3.00
6"	11.00	9.50	0.88	8	3/4	4.00	3.25
8"	13.50	11.75	0.88	8	3/4	4.25	3.50
10"	16.00	14.25	1.00	12	7/8	4.50	4.00
12"	19.00	17.00	1.00	12	7/8	4.75	4.00

Class 300 Flanges

Nominal Pipe Size	Outside Diameter of Flange	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Length of Stud Bolts with 2 Nuts	Length of Bolts
	A	B	C			D	E
1/2"	3.75	2.62	0.62	4	1/2	2.50	2.25
3/4"	4.62	3.25	0.75	4	5/8	3.00	2.50
1"	4.88	3.50	0.75	4	5/8	3.00	2.50
1 1/2"	6.12	4.50	0.88	4	3/4	3.50	3.00
2"	6.50	5.00	0.75	8	5/8	3.50	3.00
2 1/2"	7.50	5.88	0.88	8	3/4	4.00	3.25
3"	8.25	6.62	0.88	8	3/4	4.25	3.50
4"	10.00	7.88	0.88	8	3/4	4.50	3.75
6"	12.50	10.62	0.88	12	3/4	4.75	4.25
8"	15.00	13.00	1.00	12	7/8	5.50	4.75
10"	17.50	15.25	1.12	16	1	6.25	5.50
12"	20.50	17.75	1.25	16	1 1/8	6.75	5.75