

FLOW COMPONENTS

& INDUSTRIAL SUPPLY

BOLTING DATA FOR ANSI B16.5 FLANGES

Nominal Pipe Size (inches)	Class 150				Nominal Pipe Size (inches)	Class 300				Nominal Pipe Size (inches)	Class 400				Nominal Pipe Size (inches)	Class 600			
	Flange Diam. (inches)	No. Of Bolts	Bolt Diam. (inches)	B.C. Diam (inches)		Flange Diam. (inches)	No. Of Bolts	Bolt Diam. (inches)	B.C. Diam (inches)		Flange Diam. (inches)	No. Of Bolts	Bolt Diam. (inches)	B.C. Diam (inches)		Flange Diam. (inches)	No. Of Bolts	Bolt Diam. (inches)	B.C. Diam (inches)
1/4"	3-3/8"	4	1/2"	2-1/4"	1/4"	3-3/8"	4	1/2"	2-1/4"	1/4"	3-3/8"	4	1/2"	2-1/4"	1/4"	3-3/8"	4	1/2"	2-1/4"
1/2"	3-1/2"	4	1/2"	2-3/8"	1/2"	3-3/4"	4	1/2"	2-5/8"	1/2"	3-3/4"	4	1/2"	2-5/8"	1/2"	3-3/4"	4	1/2"	2-5/8"
3/4"	3-7/8"	4	1/2"	2-3/4"	3/4"	4-5/8"	4	5/8"	3-1/4"	3/4"	4-5/8"	4	5/8"	3-1/4"	3/4"	4-5/8"	4	5/8"	3-1/4"
1"	4-1/4"	4	1/2"	3-1/8"	1"	4-7/8"	4	5/8"	3-1/2"	1"	4-7/8"	4	5/8"	3-1/2"	1"	4-7/8"	4	5/8"	3-1/2"
1-1/4"	4-5/8"	4	1/2"	3-1/2"	1-1/4"	5-1/4"	4	5/8"	3-7/8"	1-1/4"	5-1/4"	4	5/8"	3-7/8"	1-1/4"	5-1/4"	4	5/8"	3-7/8"
1-1/2"	5"	4	1/2"	3-7/8"	1-1/2"	6-1/8"	4	3/4"	4-1/2"	1-1/2"	6-1/8"	4	3/4"	4-1/2"	1-1/2"	6-1/8"	4	3/4"	4-1/2"
2"	6"	4	5/8"	4-3/4"	2"	6-1/2"	8	5/8"	5"	2"	6-1/2"	8	5/8"	5"	2"	6-1/2"	8	5/8"	5"
2-1/2"	7"	4	5/8"	5-1/2"	2-1/2"	7-1/2"	8	3/4"	5-7/8"	2-1/2"	7-1/2"	8	3/4"	5-7/8"	2-1/2"	7-1/2"	8	3/4"	5-7/8"
3"	7-1/2"	4	5/8"	6"	3"	8-1/4"	8	3/4"	6-5/8"	3"	8-1/4"	8	3/4"	6-5/8"	3"	8-1/4"	8	3/4"	6-5/8"
3-1/2"	8-1/2"	8	5/8"	7"	3-1/2"	9"	8	3/4"	7-1/4"	3-1/2"	9"	8	7/8"	7-1/4"	3-1/2"	9"	8	7/8"	7-1/4"
4"	9"	8	5/8"	7-1/2"	4"	10"	8	3/4"	7-7/8"	4"	10"	8	7/8"	7-7/8"	4"	10-3/4"	8	7/8"	8-1/2"
5"	10"	8	3/4"	8-1/2"	5"	11"	8	3/4"	9-1/4"	5"	11"	8	7/8"	9-1/4"	5"	13"	8	1"	10-1/2"
6"	11"	8	3/4"	9-1/2"	6"	12-1/2"	12	3/4"	10-5/8"	6"	12-1/2"	12	7/8"	10-5/8"	6"	14"	12	1"	11-1/2"
8"	13-1/2"	8	3/4"	11-3/4"	8"	15"	12	7/8"	13"	8"	15"	12	1"	13"	8"	16-1/2"	12	1-1/8"	13-3/4"
10"	16"	12	7/8"	14-1/4"	10"	17-1/2"	16	1"	15-1/4"	10"	17-1/2"	16	1-1/8"	15-1/4"	10"	20"	16	1-1/4"	17"
12"	19"	12	7/8"	17"	12"	20-1/2"	16	1-1/8"	17-3/4"	12"	20-1/2"	16	1-1/4"	17-3/4"	12"	22"	20	1-1/4"	19-1/4"
14"	21"	12	1"	18-3/4"	14"	23"	20	1-1/8"	20-1/4"	14"	23"	20	1-1/4"	20-1/4"	14"	23-3/4"	20	1-3/8"	20-3/4"
16"	23-1/2"	16	1"	21-1/4"	16"	25-1/2"	20	1-1/4"	22-1/2"	16"	25-1/2"	20	1-3/8"	22-1/2"	16"	27"	20	1-1/2"	23-3/4"
18"	25"	16	1-1/8"	22-3/4"	18"	28"	24	1-1/4"	24-3/4"	18"	28"	24	1-3/8"	24-3/4"	18"	29-1/4"	20	1-5/8"	25-3/4"
20"	27-1/2"	20	1-1/8"	25"	20"	30-1/2"	24	1-1/4"	27"	20"	30-1/2"	24	1-1/2"	27"	20"	32"	24	1-5/8"	28-1/2"
24"	32"	20	1-1/4"	29-1/2"	24"	36"	24	1-1/2"	32"	24"	36"	24	1-3/4"	32"	24"	37"	24	1-7/8"	33"

Nominal Pipe Size (inches)	Class 900				Nominal Pipe Size (inches)	Class 1500				Nominal Pipe Size (inches)	Class 2500				Nominal Pipe Size (inches)	Class 3500			
	Flange Diameter (inches)	No. of Bolts	Bolt Diameter (inches)	B.C. Diameter (inches)		Flange Diameter (inches)	No. of Bolts	Bolt Diameter (inches)	B.C. Diameter (inches)		Flange Diameter (inches)	No. of Bolts	Bolt Diameter (inches)	B.C. Diameter (inches)		Flange Diameter (inches)	No. of Bolts	Bolt Diameter (inches)	B.C. Diameter (inches)
1/2"	4-3/4"	4	3/4"	3-1/4"	1/2"	4-3/4"	4	3/4"	3-1/4"	1/2"	5-1/4"	4	3/4"	3-1/2"	1/2"	5-1/4"	4	3/4"	3-1/2"
3/4"	5-1/8"	4	3/4"	3-1/2"	3/4"	5-1/8"	4	3/4"	3-1/2"	3/4"	5-1/2"	4	3/4"	3-3/4"	3/4"	5-1/2"	4	3/4"	3-3/4"
1"	5-7/8"	4	7/8"	4"	1"	5-7/8"	4	7/8"	4"	1"	6-1/4"	4	7/8"	4-1/4"	1"	6-1/4"	4	7/8"	4-1/4"
1-1/4"	6-1/4"	4	7/8"	4-3/8"	1-1/4"	6-1/4"	4	7/8"	4-3/8"	1-1/4"	7-1/4"	4	7/8"	5-1/8"	1-1/4"	7-1/4"	4	7/8"	5-1/8"
1-1/2"	7"	4	1"	4-7/8"	1-1/2"	7"	4	1"	4-7/8"	1-1/2"	8"	4	1-1/8"	5-3/4"	1-1/2"	8"	4	1-1/8"	5-3/4"
2"	8-1/2"	8	7/8"	6-1/2"	2"	8-1/2"	8	7/8"	6-1/2"	2"	9-1/4"	8	1"	6-3/4"	2"	9-1/4"	8	1"	6-3/4"
2-1/2"	9-5/8"	8	1"	7-1/2"	2-1/2"	9-5/8"	8	1"	7-1/2"	2-1/2"	10-1/2"	8	1-1/8"	7-3/4"	2-1/2"	10-1/2"	8	1-1/8"	7-3/4"
3"	9-1/2"	8	7/8"	7-1/2"	3"	10-1/2"	8	1-1/8"	8"	3"	12"	8	1-1/4"	9"	3"	12"	8	1-1/4"	9"
4"	11-1/2"	8	1-1/8"	9-1/4"	4"	12-1/4"	8	1-1/4"	9-1/2"	4"	14"	8	1-1/2"	10-3/4"	4"	14"	8	1-1/2"	10-3/4"
5"	13-3/4"	8	1-1/4"	11"	5"	14-3/4"	8	1-1/2"	11-1/2"	5"	16-1/2"	8	1-3/4"	12-3/4"	5"	16-1/2"	8	1-3/4"	12-3/4"
6"	15"	12	1-1/8"	12-1/2"	6"	15-1/2"	12	1-3/8"	12-1/2"	6"	19"	8	2"	14-1/2"	6"	19"	8	2"	14-1/2"
8"	18-1/2"	12	1-3/8"	15-1/2"	8"	19"	12	1-5/8"	15-1/2"	8"	21-3/4"	12	2"	17-1/4"	8"	21-3/4"	12	2"	17-1/4"
10"	21-1/2"	16	1-3/8"	18-1/2"	10"	23"	12	1-7/8"	19"	10"	26-1/2"	12	2-1/2"	21-1/4"	10"	26-1/2"	12	2-1/2"	21-1/4"
12"	24"	20	1-3/8"	21"	12"	26-1/2"	16	2"	22-1/2"	12"	30"	12	2-3/4"	24-3/8"	12"	30"	12	2-3/4"	24-3/8"
14"	25-1/4"	20	1-1/2"	22"	14"	29-1/2"	16	2-1/4"	25"	14"	-	-	-	-	14"	-	-	-	-
16"	27-3/4"	20	1-5/8"	24-1/4"	16"	32-1/2"	16	2-1/2"	27-3/4"	16"	-	-	-	-	16"	-	-	-	-
18"	31"	20	1-7/8"	27"	18"	36"	16	2-3/4"	30-1/2"	18"	-	-	-	-	18"	-	-	-	-
20"	33-3/4"	20	2"	29-1/2"	20"	38-3/4"	16	3"	32-3/4"	20"	-	-	-	-	20"	-	-	-	-
24"	41"	20	2-1/2"	35-1/2"	24"	46"	16	3-1/2"	39"	24"	-	-	-	-	24"	-	-	-	-