

CLASS 150# FLANGE DIMENSIONS

ANSI B16.5 1/16" Raised Faced - Also Mate with ANSI B16.1 125# Flat Faced Flanges

Size	Flange Diameter		Flange Thickness		Bolt Circle Diameter		Bolt Hole Diameter		Number of Bolt Holes	Diameter of Bolts		Length of Stud Bolts	
	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal		Fraction	Decimal	Fraction	Decimal
2	6	6.0	5/8	0.6250	4-3/4	4.75	3/4	0.750	4	5/8	0.625	3-1/4	3.25
2-1/2	7	7.0	11/16	0.6875	5-1/2	5.50	3/4	0.750	4	5/8	0.625	3-1/2	3.50
3	7-1/2	7.5	3/4	0.7500	6	6.00	3/4	0.750	4	5/8	0.625	3-3/4	3.75
3-1/2	8-1/2	8.5	13/16	0.8125	7	7.00	3/4	0.750	8	5/8	0.625	3-3/4	3.75
4	9	9.0	15/16	0.9375	7-1/2	7.50	3/4	0.750	8	5/8	0.625	3-3/4	3.75
5	10	10.0	15/16	0.9375	8-1/2	8.50	7/8	0.875	8	3/4	0.750	4	4.00
6	11	11.0	1	1.000	9-1/2	9.50	7/8	0.875	8	3/4	0.750	4	4.00
8	13-1/2	13.5	1-1/8	1.1250	11-3/4	11.75	7/8	0.875	8	3/4	0.750	4-1/4	4.25
10	16	16.0	1-3/16	1.1875	14-1/4	14.25	1	1.000	12	7/8	0.875	4-3/4	4.75
12	19	19.0	1-1/4	1.2500	17	17.00	1	1.000	12	7/8	0.875	4-3/4	4.75
14	21	21.0	1-3/8	1.3750	18-3/4	18.75	1-1/8	1.125	12	1	1.000	5-1/4	5.25
16	23-1/2	23.5	1-7/16	1.4375	21-1/4	21.25	1-1/8	1.125	16	1	1.000	5-1/2	5.50
18	25	25.0	1-9/16	1.5625	22-3/4	22.75	1-1/4	1.250	16	1-1/8	1.125	6	6.00
20	27-1/2	27.5	1-11/16	1.6875	25	25.00	1-1/4	1.250	20	1-1/8	1.125	6-1/4	6.25
24	32	32.0	1-7/8	1.8750	29-1/2	29.50	1-3/8	1.375	20	1-1/4	1.250	7	7.00

CLASS 300# FLANGE DIMENSIONS

ANSI B16.5 1/16" Raised Faced - Also Mate with ANSI B16.1 250# Flat Faced Flanges

Size	Flange Diameter		Flange Thickness		Bolt Circle Diameter		Bolt Hole Diameter		Number of Bolt Holes	Diameter of Bolts		Length of Stud Bolts	
	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal		Fraction	Decimal	Fraction	Decimal
2	6-1/2	6.50	7/8	0.8750	5	5.000	3/4	0.750	8	5/8	0.625	3-1/2	3.50
2-1/2	7-1/2	7.50	1	1.0000	5-7/8	5.875	7/8	0.875	8	3/4	0.750	4	4.00
3	8-1/4	8.25	1-1/8	1.1250	6-5/8	6.625	7/8	0.875	8	3/4	0.750	4-1/4	4.25
3-1/2	9	9.00	1-3/16	1.1875	7-1/4	7.250	7/8	0.875	8	3/4	0.750	4-1/2	4.50
4	10	10.00	1-1/4	1.2500	7-7/8	7.875	7/8	0.875	8	3/4	0.750	4-1/2	4.50
5	11	11.00	1-3/8	1.3750	9-1/4	9.250	7/8	0.875	8	3/4	0.750	4-3/4	4.75
6	12-1/2	12.50	1-7/16	1.4375	10-5/8	10.625	7/8	0.875	12	3/4	0.750	5	5.00
8	15	15.00	1-5/8	1.6250	13	13.000	1	1.000	12	7/8	0.875	5-1/2	5.50
10	17-1/2	17.50	1-7/8	1.8750	15-1/4	15.250	1-1/8	1.125	16	1	1.000	6-1/4	6.25
12	20-1/2	20.50	2	2.0000	17-3/4	17.750	1-1/4	1.250	16	1-1/8	1.125	6-3/4	6.75
14	23	23.00	2-1/8	2.1250	20-1/4	20.250	1-1/4	1.250	20	1-1/8	1.125	7	7.00
16	25-1/2	25.50	2-1/4	2.2500	22-1/2	22.500	1-3/8	1.375	20	1-1/4	1.250	7-1/2	7.50
18	28	28.00	2-3/8	2.3750	24-3/4	24.750	1-3/8	1.375	24	1-1/4	1.250	7-3/4	7.75
20	30-1/2	30.50	2-1/2	2.5000	27	27.000	1-3/8	1.375	24	1-1/4	1.250	8-1/4	8.25
24	36	36.00	2-3/4	2.7500	32	32.000	1-5/8	1.625	24	1-1/2	1.500	9-1/4	9.25

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