

**GASKET DIMENSIONS FOR ASME/ANSI B16.5 CLASS 150 PIPE FLANGES  
AND FLANGED FITTINGS**

Nominal Pipe Size	Gasket ID	Flat Ring OD	Full Face Gasket				Nominal Pipe Size	Gasket ID	Flat Ring OD	Full Face Gasket			
			OD	No. of Holes	Hole Diameter	Bolt Circle Diameter				OD	No. of Holes	Hole Diameter	Bolt Circle Diameter
1/2	0.84	1.88	3.50	4	0.62	2.38	8	8.62	11.00	13.50	8	0.88	11.75
3/4	1.06	2.25	3.88	4	0.62	2.75	10	10.75	13.38	16.00	12	1.00	14.25
1	1.31	2.62	4.25	4	0.62	3.12	12	12.75	16.13	19.00	12	1.00	17.00
1 1/4	1.66	3.00	4.63	4	0.62	3.50	14	14.00	17.75	21.00	12	1.12	18.75
1 1/2	1.91	3.38	5.00	4	0.62	3.88	16	16.00	20.25	23.50	16	1.12	21.25
2	2.38	4.12	6.00	4	0.75	4.75	18	18.00	21.62	25.00	16	1.25	22.75
2 1/2	2.88	4.88	7.00	4	0.75	5.50	20	20.00	23.88	27.50	20	1.25	25.00
3	3.50	5.38	7.50	4	0.75	6.00	24	24.00	28.25	32.00	20	1.38	29.50
3 1/2	4.00	6.38	8.50	8	0.75	7.00							
4	4.50	6.88	9.00	8	0.75	7.50							
5	5.56	7.75	10.00	8	0.88	8.50							
6	6.62	8.75	11.00	8	0.88	9.50							

GENERAL NOTE: Dimensions are in inches.

**FLAT RING GASKET DIMENSIONS FOR ASME/ANSI B16.5 PIPE  
FLANGES AND FLANGED FITTINGS, CLASSES 300, 400, 600, AND 900**

Nominal Pipe Size	Gasket ID	Gasket OD			
		Class 300	Class 400	Class 600	Class 900
1/2	0.84	2.12	2.12	2.12	2.50
3/4	1.06	2.62	2.62	2.62	2.75
1	1.31	2.88	2.88	2.88	3.12
1 1/4	1.66	3.25	3.25	3.25	3.50
1 1/2	1.91	3.75	3.75	3.75	3.88
2	2.38	4.38	4.38	4.38	5.62
2 1/2	2.88	5.12	5.12	5.12	6.50
3	3.50	5.88	5.88	5.88	6.62
3 1/2	4.00	6.50	6.38	6.38	...
4	4.50	7.12	7.00	7.62	8.12
5	5.56	8.50	8.38	9.50	9.75
6	6.62	9.88	9.75	10.50	11.38
8	8.62	12.12	12.00	12.62	14.12
10	10.75	14.25	14.12	15.75	17.12
12	12.75	16.62	16.50	18.00	19.62
14	14.00	19.12	19.00	19.38	20.50
16	16.00	21.25	21.12	22.25	22.62
18	18.00	23.50	23.38	24.12	25.12
20	20.00	25.75	25.50	26.88	27.50
24	24.00	30.50	30.25	31.12	33.00

GENERAL NOTE: Dimensions are in inches.



**GASKET DIMENSIONS FOR ASME/ANSI B16.5 CLASS 150 PIPE FLANGES  
AND FLANGED FITTINGS**

Nominal Pipe Size	Gasket ID	Class 150 Gaskets				Class 300 Gaskets			
		OD	Number of Holes	Hole Diameter	Bolt Circle Diameter	OD	Number of Holes	Hole Diameter	Bolt Circle Diameter
1/2	0.84	3.50	4	0.62	2.38	3.75	4	0.62	2.62
3/4	1.06	3.88	4	0.62	2.75	4.62	4	0.75	3.25
1	1.31	4.25	4	0.62	3.12	4.88	4	0.75	3.50
1 1/4	1.66	4.62	4	0.62	3.50	5.25	4	0.75	3.88
1 1/2	1.91	5.00	4	0.62	3.88	6.12	4	0.88	4.50
2	2.38	6.00	4	0.75	4.75	6.50	8	0.75	5.00
2 1/2	2.88	7.00	4	0.75	5.50	7.50	8	0.88	5.88
3	3.50	7.50	4	0.75	6.00	8.25	8	0.88	6.62
3 1/2	4.00	8.50	8	0.75	7.00	9.00	8	0.88	7.25
4	4.50	9.00	8	0.75	7.50	10.00	8	0.88	7.88
5	5.56	10.00	8	0.88	8.50	11.00	8	0.88	9.25
6	6.62	11.00	8	0.88	9.50	12.50	12	0.88	10.63
8	8.62	13.50	8	0.88	11.75	15.00	12	1.00	13.00
10	10.75	16.00	12	1.00	14.25	...	...	...	...
12	12.75	19.00	12	1.00	17.00	...	...	...	...

GENERAL NOTE: Dimensions are in inches.

**FLAT RING GASKET DIMENSIONS FOR ASME B16.47 SERIES A  
LARGE DIAMETER STEEL FLANGES, CLASSES 150, 300, 400, AND 600**

Nominal Pipe Size	ID	OD			
		Class 150	Class 300	Class 400	Class 600
22 (1)	22.00	26.00	27.75	27.63	28.88
26	26.00	30.50	32.88	32.75	34.12
28	28.00	32.75	35.38	35.12	36.00
30	30.00	34.75	37.50	37.25	38.25
32	32.00	37.00	39.62	39.50	40.25
34	34.00	39.00	41.62	41.50	42.25
36	36.00	41.25	44.00	44.00	44.50
38	38.00	43.75	41.50	42.26	43.50
40	40.00	45.75	43.88	44.58	45.50
42	42.00	48.00	45.88	46.38	48.00
44	44.00	50.25	48.00	48.50	50.00
46	46.00	52.25	50.12	50.75	52.26
48	48.00	54.50	52.12	53.00	54.75
50	50.00	56.50	54.25	55.25	57.00
52	52.00	58.75	56.25	57.26	59.00
54	54.00	61.00	58.75	59.75	61.25
56	56.00	63.25	60.75	61.75	63.50
58	58.00	65.50	62.75	63.75	65.50
60	60.00	67.50	64.75	66.25	67.75

GENERAL NOTE: Dimensions are in inches.

NOTE:

(1) NPS 22 for reference only. Size not listed in ASME B16.47.

**FLAT RING GASKET DIMENSIONS FOR ASME B16.47  
SERIES B LARGE DIAMETER STEEL FLANGES,  
CLASSES 75, 150, 300, 400, AND 600**

Nominal Pipe Size	Gasket ID	Gasket OD				
		Class 75	Class 150	Class 300	Class 400	Class 600
26	26.00	27.88	28.56	30.38	29.38	30.12
28	28.00	29.88	30.56	32.50	31.50	32.25
30	30.00	31.88	32.56	34.88	33.75	34.62
32	32.00	33.88	34.69	37.00	35.88	36.75
34	34.00	35.88	36.81	39.12	37.88	39.25
36	36.00	38.31	38.88	41.25	40.25	41.25
38	38.00	40.31	41.12	43.25	...	...
40	40.00	42.31	43.12	45.25	...	...
42	42.00	44.31	45.12	47.25	...	...
44	44.00	46.50	47.12	49.25	...	...
46	46.00	48.50	49.44	51.88	...	...
48	48.00	50.50	51.44	53.88	...	...
50	50.00	52.50	53.44	55.88	...	...
52	52.00	54.62	55.44	57.88	...	...
54	54.00	56.62	57.62	61.25	...	...
56	56.00	58.88	59.62	62.75	...	...
58	58.00	60.88	62.19	65.19	...	...
60	60.00	62.88	64.19	67.12	...	...

GENERAL NOTE: Dimensions are in inches.