



ASME B16.21 Gasket Dimensions for ASME B16.5 & B16.47 - 150# Flanges

150 lb. Ring

150 lb. Full Face

Pipe Size	Gasket I.D. & O.D.	Pipe Size	Gasket I.D. & O.D.	No. Holes	Dia. Holes	Bolt Circle
1/2"	27/32" x 1-7/8"	1/2"	27/32" x 3-1/2"	4	5/8"	2-3/8"
3/4"	1-1/16" x 2-1/4"	3/4"	1-1/16" x 3-7/8"	4	5/8"	2-3/4"
1"	1-5/16" x 2-5/8"	1"	1-5/16" x 4-1/4"	4	5/8"	3-1/8"
1-1/4"	1-21/32" x 3"	1-1/4"	1-21/32" x 4-5/8"	4	5/8"	3-1/2"
1-1/2"	1-29/32" x 3-3/8"	1-1/2"	1-29/32" x 5"	4	5/8"	3-7/8"
2"	2-3/8" x 4-1/8"	2"	2-3/8" x 6"	4	3/4"	4-3/4"
2-1/2"	2-7/8" x 4-7/8"	2-1/2"	2-7/8" x 7"	4	3/4"	5-1/2"
3"	3-1/2" x 5-3/8"	3"	3-1/2" x 7-1/2"	4	3/4"	6"
3-1/2"	4" x 6-3/8"	3-1/2"	4" x 8-1/2"	8	3/4"	7"
4"	4-1/2" x 6-7/8"	4"	4-1/2" x 9"	8	3/4"	7-1/2"
4-1/2"	5" x 7"	4-1/2"	5" x 9-1/4"	8	3/4"	7-3/4"
5"	5-9/16" x 7-3/4"	5"	5-9/16" x 10"	8	7/8"	8-1/2"
6"	6-5/8" x 8-3/4"	6"	6-5/8" x 11"	8	7/8"	9-1/2"
7"	7-5/8" x 10"	7"	7-5/8" x 12-1/2"	8	7/8"	10-3/4"
8"	8-5/8" x 11"	8"	8-5/8" x 13-1/2"	8	7/8"	11-3/4"
9"	9-5/8" x 12-1/2"	9"	9-5/8" x 15"	12	7/8"	13-1/4"
10"	10-3/4" x 13-3/8"	10"	10-3/4" x 16"	12	1"	14-1/4"
12"	12-3/4" x 16-1/8"	12"	12-3/4" x 19"	12	1"	17"
14"	14" x 17-3/4"	14"	14" x 21"	12	1-1/8"	18-3/4"
15"	15" x 19"	15"	15" x 22-1/4"	16	1-1/8"	20"
16"	16" x 20-1/4"	16"	16" x 23-1/2"	16	1-1/8"	21-1/4"
18"	18" x 21-5/8"	18"	18" x 25"	16	1-1/4"	22-3/4"
20"	20" x 23-7/8"	20"	20" x 27-1/2"	20	1-1/4"	25"
22"	22" x 26"	22"	22" x 29-1/2"	20	1-1/4"	27-1/4"
24"	24" x 28-1/4"	24"	24" x 32"	20	1-3/8"	29-1/2"

Series A

150 lb. Ring

150 lb. Full Face

Pipe Size	Gasket I.D. & O.D.	Pipe Size	Gasket I.D. & O.D.	No. Holes	Dia. Holes	Bolt Circle
26"	26" x 30-1/2"	26"	26" x 34-1/4"	24	1-3/8"	31-3/4"
28"	28" x 32-3/4"	28"	28" x 36-1/2"	28	1-3/8"	34"
30"	30" x 34-3/4"	30"	30" x 38-3/4"	28	1-3/8"	36"
32"	32" x 37"	32"	32" x 41-3/4"	28	1-5/8"	38-1/2"
34"	34" x 39"	34"	34" x 43-3/4"	32	1-5/8"	40-1/2"
36"	36" x 41-1/4"	36"	36" x 46"	32	1-5/8"	42-3/4"
38"	38" x 43-3/4"	38"	38" x 48-3/4"	32	1-5/8"	45-1/4"
40"	40" x 45-3/4"	40"	40" x 50-3/4"	36	1-5/8"	47-1/4"
42"	42" x 48"	42"	42" x 53"	36	1-5/8"	49-1/2"
44"	44" x 50-1/4"	44"	44" x 55-1/4"	40	1-5/8"	51-3/4"
46"	46" x 52-1/4"	46"	46" x 57-1/4"	40	1-5/8"	53-3/4"
48"	48" x 54-1/2"	48"	48" x 59-1/2"	44	1-5/8"	56"
50"	50" x 56-1/2"	50"	50" x 61-3/4"	44	1-7/8"	58-1/4"
52"	52" x 58-3/4"	52"	52" x 64"	44	1-7/8"	60-1/2"
54"	54" x 61"	54"	54" x 66-1/4"	44	1-7/8"	62-3/4"
56"	56" x 63-1/4"	56"	56" x 68-3/4"	48	1-7/8"	65"
58"	58" x 65-1/2"	58"	58" x 71"	48	1-7/8"	67-1/4"
60"	60" x 67-1/2"	60"	60" x 73"	52	1-7/8"	69-1/4"

Series B

150 lb. Ring

150 lb. Full Face

Pipe Size	Gasket I.D. & O.D.	Pipe Size	Gasket I.D. & O.D.	No. Holes	Dia. Holes	Bolt Circle
26"	26" x 28-9/16"	26"	26" x 30-15/16"	36	7/8"	29-5/16"
28"	28" x 30-9/16"	28"	28" x 32-15/16"	40	7/8"	31-5/16"
30"	30" x 32-9/16"	30"	30" x 34-15/16"	44	7/8"	33-5/16"
32"	32" x 34-11/16"	32"	32" x 37-1/16"	48	7/8"	35-7/16"
34"	34" x 36-13/16"	34"	34" x 39-9/16"	40	1"	37-11/16"
36"	36" x 38-7/8"	36"	36" x 41-5/8"	44	1"	39-3/4"
38"	38" x 41-1/8"	38"	38" x 44-1/4"	40	1-1/8"	42-1/8"
40"	40" x 43-1/8"	40"	40" x 46-1/4"	44	1-1/8"	44-1/8"
42"	42" x 45-1/8"	42"	42" x 48-1/4"	48	1-1/8"	46-1/8"
44"	44" x 47-1/8"	44"	44" x 50-1/4"	52	1-1/8"	48-1/8"
46"	46" x 49-7/16"	46"	46" x 52-13/16"	40	1-1/4"	50-9/16"
48"	48" x 51-7/16"	48"	48" x 54-13/16"	44	1-1/4"	52-9/16"
50"	50" x 53-7/16"	50"	50" x 56-13/16"	48	1-1/4"	54-9/16"
52"	52" x 55-7/16"	52"	52" x 58-13/16"	52	1-1/4"	56-9/16"
54"	54" x 57-5/8"	54"	54" x 61"	56	1-1/4"	58-3/4"
56"	56" x 59-5/8"	56"	56" x 63"	60	1-1/4"	60-3/4"
58"	58" x 62-3/16"	58"	58" x 65-15/16"	48	1-3/8"	63-7/16"
60"	60" x 64-3/16"	60"	60" x 67-15/16"	52	1-3/8"	65-7/16"



ASME B16.21 Gasket Dimensions for ASME B16.5 & B16.47 - 300# Flanges

300 lb. Ring

300 lb. Full Face

Pipe Size	Gasket I.D. & O.D.	Pipe Size	Gasket I.D. & O.D.	No. Holes	Dia. Holes	Bolt Circle
1/2"	27/32" x 2-1/8"	1/2"	27/32" x 3-3/4"	4	5/8"	2-5/8"
3/4"	1-1/16" x 2-5/8"	3/4"	1-1/16" x 4-5/8"	4	3/4"	3-1/4"
1"	1-5/16" x 2-7/8"	1"	1-5/16" x 4-7/8"	4	3/4"	3-1/2"
1-1/4"	1-21/32" x 3-1/4"	1-1/4"	1-21/32" x 5-1/4"	4	3/4"	3-7/8"
1-1/2"	1-29/32" x 3-3/4"	1-1/2"	1-29/32" x 6-1/8"	4	7/8"	4-1/2"
2"	2-3/8" x 4-3/8"	2"	2-3/8" x 6-1/2"	8	7/8"	5"
2-1/2"	2-7/8" x 5-1/8"	2-1/2"	2-7/8" x 7-1/2"	8	7/8"	5-7/8"
3"	3-1/2" x 5-7/8"	3"	3-1/2" x 8-1/4"	8	7/8"	6-5/8"
3-1/2"	4" x 6-1/2"	3-1/2"	4" x 9"	8	7/8"	7-1/4"
4"	4-1/2" x 7-1/8"	4"	4-1/2" x 10"	8	7/8"	7-7/8"
4-1/2"	5" x 7-5/8"	4-1/2"	5" x 10-1/2"	8	7/8"	8-1/2"
5"	5-9/16" x 8-1/2"	5"	5-9/16" x 11"	8	7/8"	9-1/4"
6"	6-5/8" x 9-7/8"	6"	6-5/8" x 12-1/2"	12	7/8"	10-5/8"
7"	7-5/8" x 10-7/8"	7"	7-5/8" x 14"	12	7/8"	11-7/8"
8"	8-5/8" x 12-1/8"	8"	8-5/8" x 15"	12	1"	13"
9"	9-5/8" x 12-7/8"	9"	9-5/8" x 16-1/4"	12	1"	14"
10"	10-3/4" x 14-1/4"	10"	10-3/4" x 17-1/2"	16	1-1/8"	15-1/4"
12"	12-3/4" x 16-5/8"	12"	12-3/4" x 20-1/2"	16	1-1/4"	17-3/4"
14"	14" x 19-1/8"	14"	14" x 23"	20	1-1/4"	20-1/4"
16"	16" x 21-1/4"	16"	16" x 25-1/2"	20	1-3/8"	20-1/2"
18"	18" x 23-1/2"	18"	18" x 28"	24	1-3/8"	24-3/4"
20"	20" x 25-3/4"	20"	20" x 30-1/2"	24	1-3/8"	27"
22"	22" x 27-3/4"	22"	22" x 33"	24	1-3/8"	29-1/4"
24"	24" x 30-1/2"	24"	24" x 36"	24	1-5/8"	32"

Series A

300 lb. Ring

300 lb. Full Face

Pipe Size	Gasket I.D. & O.D.	Pipe Size	Gasket I.D. & O.D.	No. Holes	Dia. Holes	Bolt Circle
26"	26" x 32-7/8"	26"	26" x 38-1/4"	28	1-3/4"	34-1/2"
28"	28" x 35-3/8"	28"	28" x 40-3/4"	28	1-3/4"	37"
30"	30" x 37-1/2"	30"	30" x 43"	28	1-7/8"	39-1/4"
32"	32" x 39-5/8"	32"	32" x 45-1/4"	28	2"	41-1/2"
34"	34" x 41-5/8"	34"	34" x 47-1/2"	28	2"	43-1/2"
36"	36" x 44"	36"	36" x 50"	32	2-1/8"	46"
38"	38" x 41-1/2"	38"	38" x 46"	32	1-5/8"	43"
40"	40" x 43-7/8"	40"	40" x 48-3/4"	32	1-3/4"	45-1/2"
42"	42" x 45-7/8"	42"	42" x 50-3/4"	32	1-3/4"	47-1/2"
44"	44" x 48"	44"	44" x 53-1/4"	32	1-7/8"	49-3/4"
46"	46" x 50-1/8"	46"	46" x 55-3/4"	28	2"	52"
48"	48" x 52-1/8"	48"	48" x 57-3/4"	32	2"	54"
50"	50" x 54-1/4"	50"	50" x 60-1/4"	32	2-1/8"	56-1/4"
52"	52" x 56-1/4"	52"	52" x 62-1/4"	32	2-1/8"	58-1/4"
54"	54" x 58-3/4"	54"	54" x 65-1/4"	28	2-3/8"	61"
56"	56" x 60-3/4"	56"	56" x 67-1/4"	28	2-3/8"	63"
58"	58" x 62-3/4"	58"	58" x 69-1/4"	32	2-3/8"	65"
60"	60" x 64-3/4"	60"	60" x 71-1/4"	32	2-3/8"	67"

Series B

300 lb. Ring

300 lb. Full Face

Pipe Size	Gasket I.D. & O.D.	Pipe Size	Gasket I.D. & O.D.	No. Holes	Dia. Holes	Bolt Circle
26"	26" x 30-3/8"	26"	26" x 34-1/8"	32	1-3/8"	31-5/8"
28"	28" x 32-1/2"	28"	28" x 36-1/4"	36	1-3/8"	33-3/4"
30"	30" x 34-7/8"	30"	30" x 39"	36	1-1/2"	36-1/4"
32"	32" x 37"	32"	32" x 41-1/2"	32	1-5/8"	38-1/2"
34"	34" x 39-1/8"	34"	34" x 43-5/8"	36	1-5/8"	40-5/8"
36"	36" x 41-1/4"	36"	36" x 46-1/8"	32	1-3/4"	42-7/8"
38"	38" x 43-1/4"	38"	38" x 48-1/8"	36	1-3/4"	44-7/8"
40"	40" x 45-1/4"	40"	40" x 50-1/8"	40	1-3/4"	46-7/8"
42"	42" x 47-1/4"	42"	42" x 52-1/2"	36	1-7/8"	49"
44"	44" x 49-1/4"	44"	44" x 54-1/2"	40	1-7/8"	51"
46"	46" x 51-7/8"	46"	46" x 57-1/2"	36	2"	53-3/4"
48"	48" x 53-7/8"	48"	48" x 59-1/2"	40	2"	55-3/4"
50"	50" x 55-7/8"	50"	50" x 61-1/2"	44	2"	57-3/4"
52"	52" x 57-7/8"	52"	52" x 63-1/2"	48	2"	59-3/4"
54"	54" x 61-1/4"	54"	54" x 65-7/8"	48	2"	62-1/8"
56"	56" x 62-3/4"	56"	56" x 69-1/2"	36	2-3/8"	65"
58"	58" x 65-3/16"	58"	58" x 71-15/16"	40	2-3/8"	67-7/16"
60"	60" x 67-1/8"	60"	60" x 73-15/16"	40	2-3/8"	69-7/16"