



FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 150# FLANGE (INCHES)

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 150# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	5/6	3-1/2	2-3/8	5/8	4
3/4	1	3-7/8	2-3/4	5/8	4
1	1-1/3	4-1/4	3-1/8	5/8	4
1-1/4	1-2/3	4-5/8	3-1/2	5/8	4
1-1/2	2	5	3-7/8	5/8	4
2	2-3/8	6	4-3/4	3/4	4
2-1/2	2-7/8	7	5-1/2	3/4	4
3	3-1/2	7-1/2	6	3/4	4
3-1/2	4	8-1/2	7	3/4	8
4	4-1/2	9	7-1/2	3/4	8
5	5-5/9	10	8-1/2	7/8	8
6	6-5/8	11	9-1/2	7/8	8
8	8-5/8	13-1/2	11-3/4	7/8	8
10	10-3/4	16	14-1/4	1	12
12	12-3/4	19	17	1	12
14	14	21	18-3/4	1-1/8	12
16	16	23-1/2	21-1/4	1-1/8	16
18	18	25	22-3/4	1-1/4	16
20	20	27-1/2	25	1-1/4	20

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
24	24	32	29-1/2	1-3/8	20
26	26	34-1/4	31-3/4	1-3/8	24
28	28	36-1/2	34	1-3/8	28
30	30	38-3/4	36	1-3/8	28
32	32	41-3/4	38-1/2	1-5/8	28
34	34	43-3/4	40-1/2	1-5/8	32
36	36	46	42-3/4	1-5/8	32
38	38	48-3/4	45-1/4	1-5/8	32
40	40	50-3/4	47-1/4	1-5/8	36
42	42	53	49-1/2	1-5/8	36
44	44	55-1/4	51-3/4	1-5/8	40
46	46	57-1/4	53-3/4	1-5/8	40
48	48	59-1/2	56	1-5/8	44
50	50	61-3/4	58-1/4	1-7/8	44
52	52	64	60-1/2	1-7/8	44
54	54	66-1/4	62-3/4	1-7/8	44
56	56	68-3/4	65	1-7/8	48
58	58	71	67-1/4	1-7/8	48
60	60	73	69-1/4	1-7/8	52

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 300# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	5/6	3-3/4	2-5/8	5/8	4
3/4	1	4-5/8	3 1/4	3/4	4
1	1-1/3	4-7/8	3-1/2	3/4	4
1-1/4	1-2/3	5-1/4	3-7/8	3/4	4
1-1/2	2	6-1/8	4-1/2	7/8	4
2	2-3/8	6-1/2	5	3/4	8
2-1/2	2-7/8	7-1/2	5-7/8	7/8	8
3	3-1/2	8-1/4	6-5/8	7/8	8
3-1/2	4	9	7-1/4	7/8	8
4	4-1/2	10	7-7/8	7/8	8
5	5-5/9	11	9-1/4	7/8	8
6	6-5/8	12-1/2	10-5/8	7/8	12
8	8-5/8	15	13	1	12
10	10-3/4	17-1/2	15-1/4	1-1/8	16
12	12-3/4	20-1/2	17-3/4	1-1/4	16
14	14	23	20-1/4	1-1/4	20
16	16	25-1/2	22-1/2	1-3/8	20
18	18	28	24-3/4	1-3/8	24
20	20	30-1/2	27	1-3/8	24
24	24	36	32	1-5/8	24

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 300# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
26	26	38-1/4	34-1/2	1-3/4	28
28	28	40- 3/4	37	1 3/4	28
30	30	43	39-1/4	1-7/8	28
32	32	45-1/4	41-1/2	2	28
34	34	47-1/2	43-1/2	2	28
36	36	50	46	2-1/8	32
38	38	46	43	1-5/8	32
40	40	48-3/4	45-1/2	1-3/4	32
42	42	50-3/4	47-1/2	1-3/4	32
44	44	53-1/4	49-3/4	1-7/8	32
46	46	55-3/4	52	2	28
48	48	57-3/4	54	2	32
50	50	60-1/4	56-1/4	2-1/8	32
52	52	62 1/4	58 1/4	2-1/8	32
54	54	65 1/4	61	2-3/8	28
56	56	67 1/4	63	2-3/8	28
58	58	69 1/4	65	2-3/8	32
60	60	71 1/4	67	2-3/8	32

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 400# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	5/6	3-3/4	2-5/8	5/8	4
3/4	1	4-5/8	3-1/4	3/4	4
1	1-1/3	4-7/8	3-1/2	3/4	4
1-1/4	1-2/3	5-1/4	3-7/8	3/4	4
1-1/2	2	6-1/8	4-1/2	7/8	4
2	2-3/8	6-1/2	5	3/4	8
2-1/2	2-7/8	7-1/2	5-7/8	7/8	8
3	3-1/2	8-1/4	65/8	7/8	8
3-1/2	4	9	7-1/4	1	8
4	4-1/2	10	7-7/8	1	8
5	5-5/9	11	9-1/4	1	8
6	6-5/8	12-1/2	10-5/8	1	12
8	8-5/8	15	13	1-1/8	12
10	10-3/4	17-1/2	15-1/4	1-1/4	16
12	12-3/4	20-1/2	17-3/4	1-3/8	16
14	14	23	20-1/4	1-3/8	20
16	16	25-1/2	22-1/2	1-1/2	20
18	18	28	24-3/4	1-1/2	24
20	20	30-1/2	27	1-5/8	24

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 400# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
24	24	36	32	1-7/8	24
26	26	38-1/4	34-1/2	1-7/8	28
28	28	403/4	37	2	28
30	30	43	39-1/4	2-1/8	28
32	32	45-1/4	41-1/2	2-1/8	28
34	34	47-1/2	43-1/2	2-1/8	28
36	36	50	46	2-1/8	32
38	38	47-1/2	44	1-7/8	32
40	40	50	46-1/4	2	32
42	42	52	48-1/4	2	32
44	44	54-1/2	50-1/2	2-1/8	32
46	46	56-3/4	52-3/4	2-1/8	36
48	48	59-1/2	55-1/4	2-3/8	28
50	50	61-3/4	57-1/2	2-3/8	32
52	52	63-3/4	59-1/2	2-3/8	32
54	54	67	62-1/4	2-5/8	28
56	56	69	64-1/4	2-5/8	32
58	58	71	66-1/4	2-5/8	32
60	60	74-1/4	69	2-7/8	32

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 600# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	5/6	33/4	2-5/8	5/8	4
3/4	1	45/8	3-1/4	3/4	4
1	1-1/3	4-7/8	3-1/2	3/4	4
1-1/4	12/3	5-1/4	3-7/8	3/4	4
1-1/2	2	6-1/8	4-1/2	7/8	4
2	2-3/8	6-1/2	5	3/4	8
2-1/2	2-7/8	7-1/2	5-7/8	7/8	8
3	3-1/2	8-1/4	6-5/8	7/8	8
3-1/2	4	9	7-1/4	1	8
4	4-1/2	10-3/4	8-1/2	1	8
5	5-5/9	13	10-1/2	1-1/8	8
6	6-5/8	14	11-1/2	1-1/8	12
8	8-5/8	16-1/2	13-3/4	1-1/4	12
10	10-3/4	20	17	1-3/8	16
12	12-3/4	22	19-1/4	1-3/8	20
14	14	23-3/4	20-3/4	1-1/2	20
16	16	27	23-3/4	1-5/8	20
18	18	29-1/4	25-3/4	1-3/4	20
20	20	32	28-1/2	1-3/4	24
24	24	37	33	2	24

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 600# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
26	26	40	36	2	28
28	28	42-1/4	38	2-1/8	28
30	30	44-1/2	40-1/4	2-1/8	28
32	32	47	42-1/2	2-3/8	28
34	34	49	44-1/2	2-3/8	28
36	36	51-3/4	47	2-5/8	28
38	38	50	453/4	2-3/8	28
40	40	52	47-3/4	2-3/8	32
42	42	551/4	50-1/2	2-5/8	28
44	44	57-1/4	521/2	2-5/8	32
46	46	59-1/2	54-3/4	2-5/8	32
48	48	62-3/4	57-1/2	2-7/8	32
50	50	65-3/4	60	3-1/8	28
52	52	67-3/4	62	3-1/8	32
54	54	70	64-1/4	3-1/8	32
56	56	73	66-3/4	3-3/8	32
58	58	75	68-3/4	3-3/8	32
60	60	78-1/2	71-3/4	35/8	28

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 900# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	5/6	4-3/4	3-1/4	7/8	4
3/4	1	5 1/8	3-1/2	7/8	4
1	1-1/3	5-7/8	4	1	4
1-1/4	1-2/3	6-1/4	4-3/8	1	4
1-1/2	2	7	4-7/8	1-1/8	4
2	2-3/8	8-1/2	6-1/2	1	8
2-1/2	2-7/8	9-5/8	7-1/2	1-1/8	8
3	3-1/2	9-1/2	7-1/2	1	8
4	4-1/2	11-1/2	9-1/4	11/4	8
5	5-5/9	13-3/4	11	1-3/8	8
6	6-5/8	15	12-1/2	1-1/4	12
8	8-5/8	18-1/2	15-1/2	1-1/2	12
10	10-3/4	21-1/2	18-1/2	1-1/2	16
12	12-3/4	24	21	1-1/2	20
14	14	25-1/4	22	1-5/8	20
16	16	27-3/4	24-1/4	1-3/4	20
18	18	31	27	2	20
20	20	33-3/4	29-1/2	2-1/8	20
24	24	41	35-1/2	2-5/8	20

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 900# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
26	26	42-3/4	37-1/2	2-7/8	20
28	28	46	40-1/4	3-1/8	20
30	30	48-1/2	42-3/4	31/8	20
32	32	51-3/4	45-1/2	3-3/8	20
34	34	55	48-1/4	3-5/8	20
36	36	57-1/2	50-3/4	35/8	20
38	38	57-1/2	50-3/4	35/8	20
40	40	59-1/2	52-3/4	3-5/8	24
42	42	611/2	54-3/4	3-5/8	24
44	44	64-7/8	57-5/8	3-7/8	24
46	46	68-1/4	601/2	4-1/8	24
48	48	70 -/4	62-1/2	4-1/8	24

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 1500# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	5/6	4-3/4	3-1/4	7/8	4
3/4	1	5-1/8	3 1/2	7/8	4
1	1-1/3	5-7/8	4	1	4
1-1/4	1 2/3	6-1/4	4 3/8	1	4
1-1/2	2	7	4 7/8	1-1/8	4
2	2-3/8	8-1/2	6 1/2	1	8
2-1/2	2-7/8	9-5/8	7-1/2	1-1/8	8
3	3-1/2	10-1/2	8	1-1/4	8
4	4-1/2	12-1/4	9-1/2	1-3/8	8
5	5 5/9	14-3/4	11-1/2	1-5/8	8
6	6-5/8	15-1/2	12-1/2	1-1/2	12
8	8-5/8	19	15-1/2	1 3/4	12
10	10-3/4	23	19	2	12
12	12-3/4	26-1/2	22-1/2	2-1/8	16
14	14	29-1/2	25	2-3/8	16
16	16	32-1/2	27-3/4	2 5/8	16
18	18	36	30-1/2	2-7/8	16
20	20	38-3/4	32-3/4	3-1/8	16
24	24	46	39	3-5/8	16

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 2500# FLANGE (INCHES)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	5/6	5-1/4	3-1/2	7/8	4
3/4	1	5-1/2	3-3/4	7/8	4
1	1-1/3	6-1/4	4-1/4	1	4
1-1/4	1-2/3	7-1/4	5-1/8	1-1/8	4
1-1/2	2	8	5-3/4	1-1/4	4
2	2-3/8	9-1/4	6-3/4	1-1/8	8
2-1/2	2-7/8	10-1/2	7-3/4	1-1/4	8
3	3-1/2	12	9	1-3/8	8
4	4-1/2	14	10-3/4	1-5/8	8
5	5 5/9	16 1/2	12-3/4	1 7/8	8
6	6-5/8	19	14-1/2	2-1/8	8
8	8-5/8	21-3/4	17-1/4	2-1/8	12
10	10-3/4	26 1/2	21-1/4	2-5/8	12
12	12-3/4	30	24-3/8	2-7/8	12

*STANDARD AVAILABLE THICKNESSES - 1/16 , 1/8 , 1/4 INCHES
CUSTOM SIZE AVAILABLE ON REQUEST