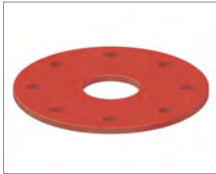


Raised Face Gasket
(RFG)



Full Face Gasket
(FFG)

Product Description

We utilize an extensive inventory of sheet material to rapidly manufacture gaskets for ASME B16.21 pipe flanges and flange fittings. Sizes are available for classes 150#, 300#, 400#, 600#, 900#, 1500#, and 2500#. We can manufacture custom replacement pipe flange gaskets from a sample or metal dimensions.

Contact us for information on pipe flange gaskets larger than 24".

Part Number:



RFG – Raised Face Gasket
FFG – Full Face Gasket

Example: RFG 3 3/4/600 RR 125 – Raised Face Gaskets, 3” Nom. Size, 300#, 400#, 600#, Red Rubber, 1/8” Thick

Example: FFG 075 150 BAU 125 – Full Face Gasket, 0.75” Nom. Size, 150#, BA-U, 1/8” Thick

Standard 150# Forged Steel Pipe Flange Gasket Dimensions

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
1/2	1 7/8	27/32	3 1/2	27/32	4	5/8	2 3/8
3/4	2 1/4	1 1/16	3 7/8	1 1/16	4	5/8	2 3/4
1	2 5/8	1 5/16	4 1/4	1 5/16	4	5/8	3 1/8
1 1/4	3	1 21/32	4 5/8	1 21/32	4	5/8	3 1/2
1 1/2	3 3/8	1 29/32	5	1 29/32	4	5/8	3 7/8
2	4 1/8	2 3/8	6	2 3/8	4	3/4	4 3/4
2 1/2	4 7/8	2 7/8	7	2 7/8	4	3/4	5 1/2
3	5 3/8	3 1/2	7 1/2	3 1/2	4	3/4	6
3 1/2	6 3/8	4	8 1/2	4	8	3/4	7
4	6 7/8	4 1/2	9	4 1/2	8	3/4	7 1/2
5	7 3/4	5 9/16	10	5 9/16	8	7/8	8 1/2
6	8 3/4	6 5/8	11	6 5/8	8	7/8	9 1/2
8	11	8 5/8	13 1/2	8 5/8	8	7/8	11 3/4
10	13 3/8	10 3/4	16	10 3/4	12	1	14 1/4
12	16 1/8	12 3/4	19	12 3/4	12	1	17
14	17 3/4	14	21	14	12	1 1/8	18 3/4
16	20 1/4	16	23 1/2	16	16	1 1/8	21 1/4
18	21 5/8	18	25	18	16	1 1/4	22 3/4
20	23 7/8	20	27 1/2	20	20	1 1/4	25
24	28 1/4	24	32	24	20	1 3/8	29 1/2

150# Flanges - Series A

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
26	30 1/2	26	34 1/4	26	24	1 3/8	31 3/4
28	32 3/4	28	36 1/2	28	28	1 3/8	34
30	34 3/4	30	38 3/4	30	28	1 3/8	36
32	37	32	41 3/4	32	28	1 5/8	38 1/2
34	39	34	43 3/4	34	32	1 5/8	40 1/2
36	41 1/4	36	46	36	32	1 5/8	42 3/4
38	43 3/4	38	48 3/4	38	32	1 5/8	45 1/4
40	45 3/4	40	50 3/4	40	36	1 5/8	47 1/4
42	48	42	53	42	36	1 5/8	49 1/2
44	50 1/4	44	55 1/4	44	40	1 5/8	51 3/4
46	52 1/4	46	57 1/4	46	40	1 5/8	53 3/4
48	54 1/2	48	59 1/2	48	44	1 5/8	56
50	56 1/2	50	61 3/4	50	44	1 7/8	58 1/4
52	58 3/4	52	64	52	44	1 7/8	60 1/2
54	61	54	66 1/4	54	44	1 7/8	62 3/4
56	63 1/4	56	68 3/4	56	48	1 7/8	65
58	65 1/2	58	71	58	48	1 7/8	67 1/4
60	67 1/2	60	73	60	52	1 7/8	69 1/4

B.C.D. – Bolt Circle Diameter

150# Flanges - Series B

Series B Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
26	28 9/16	26	30 15/16	26	36	29 5/16	7/8
28	30 9/16	28	32 15/16	28	40	31 5/16	7/8
30	32 9/16	30	34 15/16	30	44	33 5/16	7/8
32	34 11/16	32	37 1/16	32	48	35 7/16	7/8
34	36 13/16	34	39 9/16	34	40	37 11/16	1
36	38 7/8	36	41 5/8	36	44	39 3/4	1
38	41 1/8	38	44 1/4	38	40	42 1/8	1 1/8
40	43 1/8	40	46 1/4	40	44	44 1/8	1 1/8
42	45 1/8	42	48 1/4	42	48	46 1/8	1 1/8
44	47 1/8	44	50 1/4	44	52	48 1/8	1 1/8
46	49 7/16	46	52 13/16	46	40	50 9/16	1 1/4
48	51 7/16	48	54 13/16	48	44	52 9/16	1 1/4
50	53 7/16	50	56 13/16	50	48	54 9/16	1 1/4
52	55 7/16	52	58 13/16	52	52	56 9/16	1 1/4
54	57 5/8	54	61	54	56	58 3/4	1 1/4
56	59 5/8	56	63	56	60	60 3/4	1 1/4
58	62 3/16	58	65 15/16	58	48	63 7/16	1 3/8
60	64 3/16	60	67 15/16	60	52	65 7/16	1 3/8

Pipe Flange Gaskets

Standard 300# Forged Steel Pipe Flange Gasket Dimensions

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
1/2	2 1/8	27/32	3 3/4	27/32	4	5/8	2 5/8
3/4	2 5/8	1 1/16	4 5/8	1 1/16	4	3/4	3 1/4
1	2 7/8	1 5/16	4 7/8	1 5/16	4	3/4	3 1/2
1 1/4	3 1/4	1 21/32	5 1/4	1 21/32	4	3/4	3 7/8
1 1/2	3 3/4	1 29/32	6 1/8	1 29/32	4	7/8	4 1/2
2	4 3/8	2 3/8	6 1/2	2 3/8	8	3/4	5
2 1/2	5 1/8	2 7/8	7 1/2	2 7/8	8	7/8	5 7/8
3	5 7/8	3 1/2	8 1/4	3 1/2	8	7/8	6 5/8
3 1/2	6 1/2	4	9	4	8	7/8	7 1/4
4	7 1/8	4 1/2	10	4 1/2	8	7/8	7 7/8
5	8 1/2	5 9/16	11	5 9/16	8	7/8	9 1/4
6	9 7/8	6 5/8	12 1/2	6 5/8	12	7/8	10 5/8
8	12 1/8	8 5/8	15	8 5/8	12	1	13
10	14 1/4	10 3/4	17 1/2	10 3/4	16	1 1/8	15 1/4
12	16 5/8	12 3/4	20 1/2	12 3/4	16	1 1/4	17 3/4
14	19 1/8	14	23	14	20	1 1/4	20 1/4
16	21 1/4	16	25 1/2	16	20	1 3/8	22 1/2
18	23 1/2	18	28	18	24	1 3/8	24 3/4
20	25 3/4	20	30 1/2	20	24	1 3/8	27
24	30 1/2	24	36	24	24	1 5/8	32

300# Flanges - Series A

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
26	32 7/8	26	38 1/4	26	28	1 3/4	34 1/2
28	35 3/8	28	40 3/4	28	28	1 3/4	37
30	37 1/2	30	43	30	28	1 7/8	39 1/4
32	39 5/8	32	45 1/4	32	28	2	41 1/2
34	41 5/8	34	47 1/2	34	28	2	43 1/2
36	44	36	50	36	32	2 1/8	46
38	41 1/2	38	46	38	32	1 5/8	43
40	43 7/8	40	48 3/4	40	32	1 3/4	45 1/2
42	45 7/8	42	50 3/4	42	32	1 3/4	47 1/2
44	48	44	53 1/4	44	32	1 7/8	49 3/4
46	50 1/8	46	55 3/4	46	28	2	52
48	52 1/8	48	57 3/4	48	32	2	54
50	54 1/4	50	60 1/4	50	32	2 1/8	56 1/4
52	56 1/4	52	62 1/4	52	32	2 1/8	58 1/4
54	58 3/4	54	65 1/4	54	28	2 3/8	61
56	60 3/4	56	67 1/4	56	28	2 3/8	63
58	62 3/4	58	69 1/4	58	32	2 3/8	65
60	64 3/4	60	71 1/4	60	32	2 3/8	67

B.C.D. – Bolt Circle Diameter

300# Flanges - Series B

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
26	30 3/8	26	34 1/8	26	32	1 3/8	31 5/8
28	32 1/2	28	36 1/4	28	36	1 3/8	33 3/4
30	34 7/8	30	39	30	36	1 1/2	36 1/4
32	37	32	41 1/2	32	32	1 5/8	38 1/2
34	39 1/8	34	43 5/8	34	36	1 5/8	40 5/8
36	41 1/4	36	46 1/8	36	32	1 3/4	42 7/8
38	43 1/4	38	48 1/8	38	36	1 3/4	44 7/8
40	45 1/4	40	50 1/8	40	40	1 3/4	46 7/8
42	47 1/4	42	52 1/2	42	36	1 7/8	49
44	49 1/4	44	54 1/2	44	40	1 7/8	51
46	51 7/8	46	57 1/2	46	36	2	53 3/4
48	53 7/8	48	59 1/2	48	40	2	55 3/4
50	55 7/8	50	61 1/2	50	44	2	57 3/4
52	57 7/8	52	63 1/2	52	48	2	59 3/4
54	61 1/4	54	65 7/8	54	48	2	62 1/8
56	62 3/4	56	69 1/2	56	36	2 3/8	65
58	65 3/16	58	71 15/16	58	40	2 3/8	67 7/16
60	67 1/8	60	73 15/16	60	40	2 3/8	69 7/16

Standard 400# Pipe Flange Gasket Dimensions

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
1/2	2 1/8	27/32	3 3/4	27/32	4	5/8	2 5/8
3/4	2 5/8	1 1/16	4 5/8	1 1/16	4	3/4	3 1/4
1	2 7/8	1 5/16	4 7/8	1 5/16	4	3/4	3 1/2
1 1/4	3 1/4	1 21/32	5 1/4	1 21/32	4	3/4	3 7/8
1 1/2	3 3/4	1 29/32	6 1/8	1 29/32	4	7/8	4 1/2
2	4 3/8	2 3/8	6 1/2	2 3/8	8	3/4	5
2 1/2	5 1/8	2 7/8	7 1/2	2 7/8	8	7/8	5 7/8
3	5 7/8	3 1/2	8 1/4	3 1/2	8	7/8	6 5/8
3 1/2	6 3/8	4	9	4	8	1	7 1/4
4	7	4 1/2	10	4 1/2	8	1	7 7/8
5	8 3/8	5 9/16	11	5 9/16	8	1	9 1/4
6	9 3/4	6 5/8	12 1/2	6 5/8	12	1	10 5/8
8	12	8 5/8	15	8 5/8	12	1 1/8	13
10	14 1/8	10 3/4	17 1/2	10 3/4	16	1 1/4	15 1/4
12	16 1/2	12 3/4	20 1/2	12 3/4	16	1 3/8	17 3/4
14	19	14	23	14	20	1 3/8	20 1/4
16	21 1/8	16	25 1/2	16	20	1 1/2	22 1/2
18	23 3/8	18	28	18	24	1 1/2	24 3/4
20	25 1/2	20	30 1/2	20	24	1 5/8	27
24	30 1/4	24	36	24	24	1 7/8	32

B.C.D. – Bolt Circle Diameter

Standard 600# Pipe Flange Gasket Dimensions

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
1/2	2 1/8	27/32	3 3/4	27/32	4	5/8	2 5/8
3/4	2 5/8	1 1/32	4 5/8	1 1/16	4	3/4	3 1/4
1	2 7/8	1 5/16	4 7/8	1 5/16	4	3/4	3 1/2
1 1/4	3 1/4	1 21/32	5 1/4	1 21/32	4	3/4	3 7/8
1 1/2	3 3/4	1 29/32	6 1/8	1 29/32	4	7/8	4 1/2
2	4 3/8	2 3/8	6 1/2	2 3/8	8	3/4	5
2 1/2	5 1/8	2 7/8	7 1/2	2 7/8	8	7/8	5 7/8
3	5 7/8	3 1/2	8 1/4	3 1/2	8	7/8	6 5/8
3 1/2	6 3/8	4	9	4	8	1	7 1/4
4	7 5/8	4 1/2	10 3/4	4 1/2	8	1	8 1/2
5	9 1/2	5 9/16	13	5 9/16	8	1 1/8	10 1/2
6	10 1/2	6 5/8	14	6 5/8	12	1 1/8	11 1/2
8	12 5/8	8 5/8	16 1/2	8 5/8	12	1 1/4	13 3/4
10	15 3/4	10 3/4	20	10 3/4	16	1 3/8	17
12	18	12 3/4	22	12 3/4	20	1 3/8	19 1/4
14	19 3/8	14	23 3/4	14	20	1 1/2	20 3/4
16	22 1/4	16	27	16	20	1 5/8	23 3/4
18	24 1/8	18	29 1/4	18	20	1 3/4	25 3/4
20	26 7/8	20	32	20	24	1 3/4	28 1/2
24	31 1/8	24	37	24	24	2	33

Standard 900# Pipe Flange Gasket Dimensions

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
1/2	2 1/2	27/32	4 3/4	27/32	4	7/8	3 1/4
3/4	2 3/4	1 1/16	5 1/8	1 1/16	4	7/8	3 1/2
1	3 1/8	1 5/16	5 7/8	1 5/16	4	1	4
1 1/4	3 1/2	1 21/32	6 1/4	1 21/32	4	1	4 3/8
1 1/2	3 7/8	1 29/32	7	1 29/32	4	1 1/8	4 7/8
2	5 5/8	2 3/8	8 1/2	2 3/8	8	1	6 1/2
2 1/2	6 1/2	2 7/8	9 5/8	2 7/8	8	1 1/8	7 1/2
3	6 5/8	3 1/2	9 1/2	3 1/2	8	1	7 1/2
3 1/2	–	–	–	–	–	–	–
4	8 1/8	4 1/2	11 1/2	4 1/2	8	1 1/4	9 1/4
5	9 3/4	5 9/16	13 3/4	5 9/16	8	1 3/8	11
6	11 3/8	6 5/8	15	6 5/8	12	1 1/4	12 1/2
8	14 1/8	8 5/8	18 1/2	8 5/8	12	1 1/2	15 1/2
10	17 1/8	10 3/4	21 1/2	10 3/4	16	1 1/2	18 1/2
12	19 5/8	12 3/4	24	12 3/4	20	1 1/2	21
14	20 1/2	14	25 1/4	14	20	1 5/8	22
16	22 5/8	16	27 3/4	16	20	1 3/4	24 1/4
18	25 1/8	18	31	18	20	2	27
20	27 1/2	20	33 3/4	20	20	2 1/8	29 1/2
24	33	24	41	24	20	2 5/8	35 1/2

B.C.D. – Bolt Circle Diameter

Standard 1500# Pipe Flange Gasket Dimensions

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
1/2	2 1/2	27/32	4 3/4	27/32	4	7/8	3 1/4
3/4	2 3/4	1 1/16	5 1/8	1 1/16	4	7/8	3 1/2
1	3 1/8	1 5/16	5 7/8	1 5/16	4	1	4
1 1/4	3 1/2	1 21/32	6 1/4	1 21/32	4	1	4 3/8
1 1/2	3 7/8	1 29/32	7	1 29/32	4	1 1/8	4 7/8
2	5 5/8	2 3/8	8 1/2	2 3/8	8	1	6 1/2
2 1/2	6 1/2	2 7/8	9 5/8	2 7/8	8	1 1/8	7 1/2
3	6 7/8	3 1/2	10 1/2	3 1/2	8	1 1/4	8
3 1/2	—	—	—	—	—	—	—
4	8 1/8	4 1/2	12 1/4	4 1/2	8	1 3/8	9 1/2
5	10	5 9/16	14 3/4	5 9/16	8	1 5/8	11 1/2
6	11 1/8	6 5/8	15 1/2	6 5/8	12	1 1/2	12 1/2
8	13 7/8	8 5/8	19	8 5/8	12	1 3/4	15 1/2
10	17 1/8	10 3/4	23	10 3/4	12	2	19
12	20 1/2	12 3/4	26 1/2	12 3/4	16	2 1/8	22 1/2
14	22 3/4	14	29 1/2	14	16	2 3/8	25
16	25 1/4	16	32 1/2	16	16	2 5/8	27 3/4
18	27 3/4	18	36	18	16	2 7/8	30 1/2
20	29 3/4	20	38 3/4	20	16	3 1/8	32 3/4
24	35 1/2	24	46	24	16	3 5/8	39

Standard 2500# Pipe Flange Gasket Dimensions

Nominal Size	Raised Face Gasket		Full Face Gasket				
	O.D.	I.D.	O.D.	I.D.	# of Bolts	Hole Diameter	B.C.D.
1/2	2 3/4	27/32	5 1/4	27/32	4	7/8	3 1/2
3/4	3	1 1/16	5 1/2	1 1/16	4	7/8	3 3/4
1	3 3/8	1 5/16	6 1/4	1 5/16	4	1	4 1/4
1 1/4	4 1/4	1 21/32	7 1/4	1 21/32	4	1	5 1/8
1 1/2	4 5/8	1 29/32	8	1 29/32	4	1 1/4	5 3/4
2	5 3/4	2 3/8	9 1/4	2 3/8	8	1 1/8	6 3/4
2 1/2	6 5/8	2 7/8	10 1/2	2 7/8	8	1 1/4	7 3/4
3	7 3/4	3 1/2	12	3 1/2	8	1 3/8	9
3 1/2	—	—	—	—	—	—	—
4	9 1/4	4 1/2	14	4 1/2	8	1 5/8	10 3/4
5	11	5 9/16	16 1/2	5 9/16	8	1 7/8	12 3/4
6	12 1/2	6 5/8	19	6 5/8	8	2 1/8	14 1/2
8	15 1/4	8 5/8	21 3/4	8 5/8	12	2 1/8	17 1/4
10	18 3/4	10 3/4	26 1/2	10 3/4	12	2 5/8	21 1/4
12	21 5/8	12 3/4	30	12 3/4	12	2 7/8	24 3/8
14	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—

B.C.D. – Bolt Circle Diameter