



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 class 150#, 300#, 400#, 600#, 900#, 1500# and 2500#. We can manufacture replacement custom pipe flange gaskets from a sample or metal dimensions.

For information on pipe flange gaskets larger than 24", contact our representatives.

## 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

## 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

B.C.D. – Bolt Circle Diameter

**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

**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

B.C.D. – Bolt Circle Diameter

## 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

## 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

B.C.D. – Bolt Circle Diameter

## 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