

COMMERCIAL FLANGE DIMENSIONS

RING GASKETS FOR 125/150# ANSI PIPE FLANGES (INCHES)

NOMINAL PIPE SIZE	ID	OD
1/2	27/32	1-7/8
3/4	1-1/16	2-1/4
1	1-5/16	2-5/8
1-1/4	1-21/32	3
1-1/2	1-29/32	3-3/8
2	2-3/8	4-1/8
2-1/2	2-7/8	4-7/8
3	3-1/2	5-3/8
3-1/2	4	6-3/8
4	4-1/2	6-7/8
4-1/2	5	7
5	5-9/16	7-3/4
6	6-5/8	8-3/4
7	7-5/8	10
8	8-5/8	11
10	10-3/4	13-3/8
12	12-3/4	16-1/8
14	14	17-3/4
16	16	20-1/4
18	18	21-5/8
20	20	23-7/8
22	22	26
24	24	28-1/4
26	26	30-1/2
28	28	32-3/4
30	30	34-3/4
32	32	37
34	34	39
36	36	41-1/4
38	38	43-5/8
40	40	45-5/8
42	42	48
46	46	52-1/8
48	48	54-1/2
50	50	56-1/2
52	52	58-3/4
54	54	61
60	60	67-1/2
66	66	74-1/4
72	72	80-3/4
84	84	93-1/2
96	96	106-1/4

RING GASKETS FOR 250/300# ANSI PIPE FLANGES (INCHES)

NOMINAL PIPE SIZE	ID	OD
1/2	27/32	2-1/8
3/4	1-1/16	2-5/8
1	1-5/16	2-7/8
1-1/4	1-21/32	3-1/4
1-1/2	1-29/32	3-3/4
2	2-3/8	4-3/8
2-1/2	2-7/8	5-1/8
3	3-1/2	5-7/8
3-1/2	4	6-1/2
4	4-1/2	7-1/8
4-1/2	5	7-5/8
5	5-9/16	8-1/2
6	6-5/8	9-7/8
7	7-5/8	10-7/8
8	8-5/8	12-1/8
10	10-3/4	14-1/4
12	12-3/4	16-5/8
14	14	19-1/8
15	15	20-1/8
16	16	21-1/4
18	18	23-1/2
20	20	25-3/4
22	22	27-5/8
24	24	30-1/2
30	30	37-1/2
36	36	44
42	42	50-3/4
48	48	58-3/4

* RAGCO supports the autonomy of its locations to select the best products to service their markets. Subtle variations of these specification may exist. Contact your RAGCO affiliate for confirmation.



COMMERCIAL FLANGE DIMENSIONS

FULL FACE GASKETS FOR 125/150# ANSI FLANGES (INCHES)

NOMINAL PIPE SIZE (INCHES)	GASKET ID	GASKET OD	# OF BOLTS	BOLT HOLE DIAMETER	BOLT CIRCLE
1/2	13/16	3-1/2	4	5/8	2-3/8
3/4	1-1/16	3-7/8	4	5/8	2-3/4
1	1-5/16	4-1/4	4	5/8	3-1/8
1-1/4	1-5/8	4-5/8	4	5/8	3-1/2
1-1/2	1-7/8	5	4	5/8	3-7/8
2	2-3/8	6	4	3/4	4-3/4
2-1/2	2-7/8	7	4	3/4	5-1/2
3	3-1/2	7-1/2	4	3/4	6
3-1/2	4	8-1/2	8	3/4	7
4	4-1/2	9	8	3/4	7-1/2
5	5-9/16	10	8	7/8	8-1/2
6	6-5/8	11	8	7/8	9-1/2
8	8-5/8	13-1/2	8	7/8	11-3/4
10	10-3/4	16	12	1	14-1/4
12	12-3/4	19	12	1	17
14	14	21	12	1-1/8	18-3/4
16	16	23-1/2	16	1-1/8	21-1/4
18	18	25	16	1-1/4	22-3/4
20	20	27-1/2	20	1-1/4	25
22	22	29-1/2	20	1-3/8	27-1/4
24	24	32	20	1-3/8	29-1/2
26	26	34-1/4	24	1-3/8	31-3/4
28	28	36-1/2	28	1-3/8	34
30	30	38-3/4	28	1-3/8	36
32	32	41-3/4	28	1-5/8	38-1/2
34	34	43-3/4	32	1-5/8	40-1/2
36	36	46	32	1-5/8	42-3/4
38	38	48-3/4	32	1-5/8	45-1/4
40	40	50-3/4	36	1-5/8	47-1/4
42	42	53	36	1-5/8	49-1/2
44	44	55-1/4	40	1-5/8	51-3/4
46	46	57-1/4	40	1-5/8	53-3/4
48	48	59-1/2	44	1-5/8	56
50	50	61-3/4	44	1-7/8	58-1/4
52	52	64	44	1-7/8	60-1/2
54	54	66-1/4	44	1-7/8	62-3/4
60	60	73	52	1-7/8	69-1/4
66	66	80	52	1-7/8	76
72	72	86-1/2	60	1-7/8	82-1/2
84	84	99-3/4	64	2-1/8	95-1/2
96	96	113-1/4	68	2-3/8	108-1/2



COMMERCIAL FLANGE DIMENSIONS

FULL FACE GASKETS FOR 250/300# ANSI FLANGES (INCHES)

NOMINAL PIPE SIZE (INCHES)	GASKET ID	GASKET OD	# OF BOLTS	BOLT HOLE DIAMETER	BOLT CIRCLE
1	1-5/16	4-7/8	4	3/4	3-1/2
1-1/4	1-21/32	5-1/4	4	3/4	3-7/8
1-1/2	1-29/32	6-1/8	4	7/8	4-1/2
2	2-3/8	6-1/2	8	3/4	5
2-1/2	2-7/8	7-1/2	8	7/8	5-7/8
3	3-1/2	8-1/4	8	7/8	6-5/8
3-1/2	4	9	8	7/8	7-1/4
4	4-1/2	10	8	7/8	7-7/8
5	5-9/16	11	8	7/8	9-1/4
6	6-5/8	12-1/2	12	7/8	10-5/8
8	8-5/8	15	12	1	13
10	10-3/4	17-1/2	16	1-1/8	15-1/4
12	12-3/4	20-1/2	16	1-1/4	17-3/4
14	14	23	20	1-1/4	20-1/4
16	16	25-1/2	20	1-3/8	22-1/2
18	18	28	24	1-3/8	24-3/4
20	20	30-1/2	24	1-3/8	27
22	22	33	24	1-5/8	29-1/4
24	24	36	24	1-5/8	32
26	26	38-1/4	28	1-7/8	34-1/2
28	28	40-3/4	28	1-7/8	37
30	30	43	28	1-7/8	39-1/4
32	32	45-1/4	28	1-7/8	41-1/2
34	34	47-1/2	28	1-7/8	43-1/2
36	36	50	32	2-1/8	46
38	38	52-1/4	32	2-1/8	48
40	40	54-1/2	36	2-1/8	50-1/4
42	42	57	36	2-1/8	52-3/4
44	44	59-1/4	36	2-1/8	55
46	46	61-1/2	40	2-1/8	57-1/4
48	48	65	40	2-1/8	60-3/4

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COMMERCIAL FLANGE DIMENSIONS

GASKET DIMENSIONS FOR FULL FACE CLASS 400 (INCHES)

NOMINAL PIPE SIZE	GASKET ID	GASKET OD	# OF BOLTS	BOLT HOLE DIAMETER	BOLT CIRCLE
1/4		3 - 3/8	4	5/8	2 - 1/4
1/2	27/32	3 - 3/4	4	5/8	2 - 5/8
3/4	1 - 1/16	4 - 5/8	4	3/4	3 - 1/4
1	1 - 5/16	4 - 7/8	4	3/4	3 - 1/2
1 - 1/4	1 - 21/32	5 - 1/4	4	3/4	3 - 7/8
1 - 1/2	1 - 29/32	6 - 1/8	4	7/8	4 - 1/2
2	2 - 3/8	6 - 1/2	8	3/4	5
2 - 1/2	2 - 7/8	7 - 1/2	8	7/8	5 - 7/8
3	3 - 1/2	8 - 1/4	8	7/8	6 - 5/8
3 - 1/2	4	9	8	1	7 - 1/4
4	4 - 1/2	10	8	1	7 - 7/8
5	5 - 9/16	11	8	1	9 - 1/4
6	6 - 5/8	12 - 1/2	12	1	10 - 5/8
8	8 - 5/8	15	12	1 - 1/8	13
10	10 - 3/4	17 - 1/2	16	1/1/4	15 - 1/4
12	12 - 3/4	20 - 1/2	16	1 - 3/8	17 - 3/4
14	14	23	20	1 - 3/8	20 - 1/4
16	16	25 - 1/2	20	1 - 1/2	22 - 1/2
18	18	28	24	1 - 1/2	24 - 3/4
20	20	30 - 1/2	24	1 - 5/8	27
24	24	36	24	1 - 7/8	32

GASKET DIMENSIONS FOR FULL FACE CLASS 600 (INCHES)

NOMINAL PIPE SIZE	GASKET ID	GASKET OD	# OF BOLTS	BOLT HOLE DIAMETER	BOLT CIRCLE
1/4		3 - 3/8	4	5/8	2 - 1/4
1/2	27/32	3 - 3/4	4	5/8	2 - 5/8
3/4	1 - 1/16	4 - 5/8	4	3/4	3 - 1/4
1	1 - 5/16	4 - 7/8	4	3/4	3 - 1/2
1 - 1/4	1 - 21/32	5 - 1/4	4	3/4	3 - 7/8
1 - 1/2	1 - 29/32	6 - 1/8	4	7/8	4 - 1/2
2	2 - 3/8	6 - 1/2	8	3/4	5
2 - 1/2	2 - 7/8	7 - 1/2	8	7/8	5 - 7/8
3	3 - 1/2	8 - 1/4	8	7/8	6 - 5/8
3 - 1/2	4	9	8	1	7 - 1/4
4	4 - 1/2	10 - 3/4	8	1	8 - 1/2
5	5 - 9/16	13	8	1 - 1/8	10 - 1/2
6	6 - 5/8	14	12	1 - 1/8	11 - 1/2
8	8 - 5/8	16 - 1/2	12	1 - 1/4	13 - 3/4
10	10 - 3/4	20	16	1 - 3/8	17
12	12 - 3/4	22	20	1 - 3/8	19 - 1/4
14	14	23 - 3/4	20	1 - 1/2	20 - 3/4
16	16	27	20	1 - 5/8	23 - 3/4
18	18	29 - 1/4	20	1 - 3/4	25 - 3/4
20	20	32	24	1 - 3/4	28 - 1/2
24	24	37	24	2	33



COMMERCIAL FLANGE DIMENSIONS

FULL FACE FLANGE DIMENSIONS CLASS 900 (INCHES)

NOMINAL PIPE SIZE	DIAMETER OF FLANGE	# OF BOLTS	BOLT HOLE DIAMETER	BOLT CIRCLE
1/2	4-3/4	4	3/4	3-1/4
3/4	5-1/8	4	3/4	3-1/2
1	5-7/8	4	7/8	4
1-1/4	6-1/4	4	7/8	4-3/8
1-1/2	7	4	1	4-7/8
2	8-1/2	8	7/8	6-1/2
2-1/2	9-5/8	8	1	7-1/2
3	9-1/2	8	7/8	7-1/2
4	11-1/2	8	1-1/8	9-1/4
5	13-3/4	8	1-1/4	11
6	15	12	1-1/8	12-1/2
8	18-1/2	12	1-3/8	15-1/2
10	21-1/2	16	1-3/8	18-1/2
12	24	20	1-3/8	21
14	25-1/4	20	1-1/2	22
16	27-3/4	20	1-5/8	24-1/2
18	31	20	1-7/8	27
20	33-3/4	20	2	29-1/2
24	41	20	2-1/2	35-1/2

FULL FACE FLANGE DIMENSIONS CLASS 1500 (INCHES)

NOMINAL PIPE SIZE	DIAMETER OF FLANGE	# OF BOLTS	BOLT HOLE DIAMETER	BOLT CIRCLE
1/2	4-3/4	4	3/4	3-1/4
3/4	5-1/8	4	3/4	3-1/2
1	5-7/8	4	7/8	4
1-1/4	6-1/4	4	7/8	4-3/8
1-1/2	7	4	1	4-7/8
2	8-1/2	8	7/8	6-1/2
2-1/2	9-5/8	8	1	7-1/2
3	10-1/2	8	1-1/8	8
4	12-1/4	8	1-1/4	9-1/2
5	14-3/4	8	1-1/2	11-1/2
6	15-1/2	12	1-3/8	12-1/2
8	19	12	1-5/8	15-1/2
10	23	12	1-7/8	19
12	26-1/2	16	2	22-1/2
14	29-1/2	16	2-1/4	25
16	32-1/2	16	2-1/2	27-3/4
18	36	16	2-3/4	30-1/2
20	38-3/4	16	3	32-3/4
24	46	16	3-1/2	39

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COMMERCIAL FLANGE DIMENSIONS

FULL FACE FLANGE DIMENSIONS CLASS 2500 (INCHES)

NOMINAL PIPE SIZE	DIAMETER OF FLANGE	# OF BOLTS	BOLT HOLE DIAMETER	BOLT CIRCLE
1/2	5-1/4	4	3/4	3-1/2
3/4	5-1/2	4	3/4	3-3/4
1	6-1/4	4	7/8	4-1/4
1-1/4	7-1/4	4	1	5-1/8
1-1/2	8	4	1-1/8	5-3/4
2	9-1/4	8	1	6-3/4
2-1/2	10-1/2	8	1-1/8	7-3/4
3	12	8	1-1/4	9
4	14	8	1-1/2	10-3/4
5	16-1/2	8	1-3/4	12-3/4
6	19	8	2	14-1/2
8	21-3/4	12	2	17-1/4
10	26-1/2	12	2-1/2	21-1/4
12	30	12	2-3/4	24-3/8

