

FRACTIONS

FULL FACE GASKET DIMENSIONS

SERIES A

| NOMINAL SIZE (OLD STD) | ANSI I.D. (NEW STD) | 125# - 150# | | | | | 250# - 300# | | | | | | NOMINAL PIPE |
|---------------------------|------------------------|-------------------|--------------------|---------------------|---------------------|--------------|-------------------|--------------------|---------------------|---------------------|--------------|-----------|-----------------|
| | | O.D. OF FLANGE | NUMBER OF HOLES | DIAMETER OF HOLE | BOLT HOLE CIRCLE | BOLT SIZE | O.D. OF FLANGE | NUMBER OF HOLES | DIAMETER OF HOLE | BOLT HOLE CIRCLE | BOLT SIZE | | |
| 1/2 | 27/32 | 3-1/2 | 4 | 5/8 | 2-3/8 | 1/2 | 3-3/4 | 4 | 5/8 | 2-5/8 | 1/2 | 1/2 | |
| 3/4 | 1-1/16 | 3-7/8 | 4 | 5/8 | 2-3/4 | 1/2 | 4-5/8 | 4 | 3/4 | 3-1/4 | 5/8 | 3/4 | |
| 1 | 1-5/16 | 4-1/4 | 4 | 5/8 | 3-1/8 | 1/2 | 4-7/8 | 4 | 3/4 | 3-1/2 | 5/8 | 1 | |
| 1-1/4 | 1-21/32 | 4-5/8 | 4 | 5/8 | 3-1/2 | 1/2 | 5-1/4 | 4 | 3/4 | 3-7/8 | 5/8 | 1-1/4 | |
| 1-1/2 | 1-29/32 | 5 | 4 | 5/8 | 3-7/8 | 1/2 | 6-1/8 | 4 | 7/8 | 4-1/2 | 3/4 | 1-1/2 | |
| 2 | 2-3/8 | 6 | 4 | 3/4 | 4-3/4 | 5/8 | 6-1/2 | 8 | 7/8 | 5 | 3/4 | 2 | |
| 2-1/2 | 2-7/8 | 7 | 4 | 3/4 | 5-1/2 | 5/8 | 7-1/2 | 8 | 7/8 | 5-7/8 | 3/4 | 2-1/2 | |
| 3 | 3-1/2 | 7-1/2 | 4 | 3/4 | 6 | 5/8 | 8-1/4 | 8 | 7/8 | 6-5/8 | 3/4 | 3 | |
| 3-1/2 | 4 | 8-1/2 | 8 | 3/4 | 7 | 5/8 | 9 | 8 | 7/8 | 7-1/4 | 3/4 | 3-1/2 | |
| 4 | 4-1/2 | 9 | 8 | 3/4 | 7-1/2 | 5/8 | 10 | 8 | 7/8 | 7-7/8 | 3/4 | 4 | |
| 5 | 5-9/16 | 10 | 8 | 7/8 | 8-1/2 | 3/4 | 11 | 8 | 7/8 | 9-1/4 | 3/4 | 5 | |
| 6 | 6-5/8 | 11 | 8 | 7/8 | 9-1/2 | 3/4 | 12-1/2 | 12 | 7/8 | 10-5/8 | 3/4 | 6 | |
| 8 | 8-5/8 | 13-1/2 | 8 | 7/8 | 11-3/4 | 3/4 | 15 | 12 | 1 | 13 | 7/8 | 8 | |
| 10 | 10-3/4 | 16 | 12 | 1 | 14-1/4 | 7/8 | 17-1/2 | 16 | 1-1/8 | 15-1/4 | 1 | 10 | |
| 12 | 12-3/4 | 19 | 12 | 1 | 17 | 7/8 | 20-1/2 | 16 | 1-1/4 | 17-3/4 | 1-1/8 | 12 | |
| 14 | | 21 | 12 | 1-1/8 | 18-3/4 | 1 | 23 | 20 | 1-1/4 | 20-1/4 | 1-1/8 | 14 | |
| 16 | | 23-1/2 | 16 | 1-1/8 | 21-1/4 | 1 | 25-1/2 | 20 | 1-3/8 | 22-1/2 | 1-1/4 | 16 | |
| 18 | | 25 | 16 | 1-1/4 | 22-3/4 | 1-1/8 | 28 | 24 | 1-3/8 | 24-3/4 | 1-1/4 | 18 | |
| 20 | | 27-1/2 | 20 | 1-1/4 | 25 | 1-1/8 | 30-1/2 | 24 | 1-3/8 | 27 | 1-1/4 | 20 | |
| 22 | | 29-1/2 | 20 | 1-3/8 | 27-1/4 | 1-1/4 | 33 | 24 | 1-5/8 | 29-1/4 | 1-1/4 | 22 | |
| 24 | | 32 | 20 | 1-3/8 | 29-1/2 | 1-1/4 | 36 | 24 | 1-5/8 | 32 | 1-1/2 | 24 | |
| 26 | | 34-1/4 | 24 | 1-3/8 | 31-3/4 | 1-1/4 | 38-1/4 | 28 | 1-3/4 | 34-1/2 | 1-1/2 | 26 | |
| 28 | | 36-1/2 | 28 | 1-3/8 | 34 | 1-1/4 | 40-3/4 | 28 | 1-3/4 | 37 | 1-1/2 | 28 | |
| 30 | | 38-3/4 | 28 | 1-3/8 | 36 | 1-1/4 | 43 | 28 | 1-7/8 | 39-1/4 | 1-1/2 | 30 | |
| 32 | | 41-3/4 | 28 | 1-5/8 | 38-1/2 | 1-3/8 | 45-1/4 | 28 | 2 | 41-1/2 | 1-7/8 | 32 | |
| 34 | | 43-3/4 | 32 | 1-5/8 | 40-1/2 | 1-3/8 | 47-1/2 | 28 | 2 | 43-1/2 | 1-7/8 | 34 | |
| 36 | | 46 | 32 | 1-5/8 | 42-3/4 | 1-3/4 | 50 | 32 | 2-1/8 | 46 | 2 | 36 | |
| 38 | | 48-3/4 | 32 | 1-3/4 | 45-1/4 | 1-5/8 | 52-1/4 | 32 | 2-1/4 | 48 | 2-1/8 | 38 | |
| 40 | | 50-3/4 | 36 | 1-3/4 | 47-1/4 | 1-5/8 | 54-1/2 | 36 | 2-1/4 | 50-1/4 | 2-1/8 | 40 | |
| 42 | | 53 | 36 | 1-3/4 | 49-1/2 | 1-5/8 | 57 | 36 | 2-1/4 | 52-3/4 | 2-1/8 | 42 | |
| 44 | | 55-1/4 | 40 | 1-3/4 | 51-3/4 | 1-5/8 | 59-1/4 | 36 | 2-1/4 | 55 | 2-1/8 | 44 | |
| 46 | | 57-1/4 | 40 | 1-3/4 | 53-3/4 | 1-5/8 | 61-1/2 | 40 | 2-1/4 | 57-1/4 | 2-1/8 | 46 | |
| 48 | | 59-1/2 | 44 | 1-3/4 | 56 | 1-5/8 | 65 | 40 | 2-1/4 | 60-3/4 | 2-1/8 | 48 | |
| 50 | | 61-3/4 | 44 | 2 | 58-1/4 | 1-3/4 | | | | | | 50 | |
| 52 | | 64 | 44 | 2 | 60-1/2 | 1-3/4 | | | | | | 52 | |
| 54 | | 66-1/4 | 44 | 2 | 62-3/4 | 1-3/4 | | | | | | 54 | |
| 60 | | 73 | 52 | 2 | 69-1/4 | 1-3/4 | | | | | | 60 | |
| 66 | | 80 | 52 | 2 | 76 | 1-3/4 | | | | | | 66 | |
| 72 | | 86-1/2 | 60 | 2 | 82-1/2 | 1-3/4 | | | | | | 72 | |
| 84 | | 99-3/4 | 64 | 2-1/4 | 95-1/2 | 2 | | | | | | 84 | |
| 96 | | 113-1/4 | 68 | 2-1/2 | 108-1/2 | 2 | | | | | | 96 | |

Assume New Standard

>= 26" must ask if series A or B?

RING GASKET DIMENSIONS

| FRACTIONS | | STD RING SIZES 125# TO 2500# | | | | SERIES A | | |
|-----------------------------|---------------------|------------------------------|------------------|-----------|-----------|-----------|------------|------------|
| NOMINAL PIPE SIZE (OLD STD) | ANSI I.D. (NEW STD) | 125# - 150# O.D. | 250# - 300# O.D. | 400# O.D. | 600# O.D. | 900# O.D. | 1500# O.D. | 2500# O.D. |
| 1/2 | 27/32 | 1-7/8 | | 2-1/8 | | 2-1.2 | | 2-3/4 |
| 3/4 | 1-1/16 | 2-1/4 | | 2-5/8 | | 2-3/4 | | 3 |
| 1 | 1-5/16 | 2-5/8 | | 2-7/8 | | 3-1/8 | | 3-3/8 |
| 1-1/8 | 1-21/32 | 3 | | 3-1/4 | | 3-1/2 | | 4-1/8 |
| 1-1/2 | 1-29/32 | 3-3/8 | | 3-3/4 | | 3-7/8 | | 4-5/8 |
| 2 | 2-3/8 | 4-1/8 | | 4-3/8 | | 5-5/8 | | 5-3/4 |
| 2-1/2 | 2-7/8 | 4-7/8 | | 5-1/8 | | 6-1/2 | | 6-5/8 |
| 3 | 3-1/2 | 5-3/8 | | 5-7/8 | | 6-5/8 | | 7-3/4 |
| 3-1/2 | 4 | 6-3/8 | 6-1/2 | 6-3/8 | | | | |
| 4 | 4-1/2 | 6-7/8 | 7-1/8 | 7 | 7-5/8 | 8-1/8 | 8-1/4 | 9-1/4 |
| 5 | 5-9/16 | 7-3/4 | 8-1/2 | 8-3/8 | 9-1/2 | 9-3/4 | 10 | 11 |
| 6 | 6-5/8 | 8-3/4 | 9-7/8 | 9-3/4 | 10-1/2 | 11-3/8 | 11-1/8 | 12-1/2 |
| 8 | 8-5/8 | 11 | 11 | 12-1/8 | 12 | 14-1/4 | 13-7/8 | 15-1/4 |
| 10 | 10-3/4 | 13-3/8 | 14-1/4 | 14-1/8 | 15-3/4 | 17-1/8 | | 18-3/4 |
| 12 | 12-3/4 | 16-1/8 | 16-5/8 | 16-1/2 | 18 | 19-5/8 | 20-1/2 | 21-5/8 |
| 14 | | 17-3/4 | 19-1/8 | 19 | 19-3/8 | 20-1/2 | 22-7/8 | |
| 16 | | 20-1/4 | 21-1/8 | 21-1/8 | 22-1/4 | 22-5/8 | 25-1/4 | |
| 18 | | 21-5/8 | 23-1/2 | 23-2/8 | 24-1/8 | 25-1/8 | 27-3/4 | |
| 20 | | 23-7/8 | 25-3/4 | 25-1/2 | 26-7/8 | 27-1/2 | 29-3/4 | |
| 22 | | 26 | 27-5/8 | | 28-7/8 | | | |
| 24 | | 28-1/4 | 30-1/2 | 30-1/4 | 31-1/8 | 33 | 35-1/2 | |
| 26 | | 30-1/2 | 32-7/8 | 32-3/4 | 34-1/8 | 34-3/4 | | |
| 28 | | 32-3/4 | 35-3/8 | 35-1/8 | 36 | 37-1/4 | | |
| 30 | | 34-3/4 | 37-1/2 | 37-1/4 | 38-1/4 | 39-3/4 | | |
| 32 | | 37 | 39-5/8 | 39-1/2 | 40-1/4 | 41-1/4 | | |
| 34 | | 39 | 41-5/8 | 41-1/2 | 42-1/4 | 44-3/4 | | |
| 36 | | 41-1/4 | 44 | | 44-1/2 | 47-3/4 | | |
| 38 | | 43-5/8 | 45-7/8 | | | | | |
| 40 | | 45-5/8 | 48-1/8 | | | | | |
| 42 | | 47-7/8 | 50-3/4 | | | | | |
| 44 | | 50-1/8 | 52-7/8 | | | | | |
| 46 | | 52-1/8 | 55-1/8 | | | | | |
| 48 | | 54-3/4 | 58-3/4 | | | | | |
| 50 | | 56-3/8 | | | | | | |
| 52 | | 58-5/8 | | | | | | |
| 54 | | 60-7/8 | | | | | | |
| 60 | | 67-3/8 | | | | | | |
| 660 | | 74-1/8 | | | | | | |
| 72 | | 80-5/8 | | | | | | |
| 84 | | 93-3/8 | | | | | | |
| 96 | | 106-1/8 | | | | | | |

Assume New Standard

>= 26" must ask if series A or B?

DECIMAL

FULL FACE GASKET DIMENSIONS

SERIES A

| NOMINAL SIZE (OLD STD) | ANSI I.D. (NEW STD) | 125# - 150# | | | | | 250# - 300# | | | | |
|---------------------------|------------------------|-------------------|--------------------|---------------------|---------------------|--------------|-------------------|--------------------|---------------------|---------------------|--------------|
| | | O.D. OF FLANGE | NUMBER OF HOLES | DIAMETER OF HOLE | BOLT HOLE CIRCLE | BOLT SIZE | O.D. OF FLANGE | NUMBER OF HOLES | DIAMETER OF HOLE | BOLT HOLE CIRCLE | BOLT SIZE |
| 0.500 | 0.844 | 3.500 | 4 | 0.625 | 2.375 | 0.500 | 3.750 | 4 | 0.625 | 2.625 | 0.500 |
| 0.750 | 1.063 | 3.875 | 4 | 0.625 | 2.750 | 0.625 | 4.625 | 4 | 0.750 | 3.250 | 0.625 |
| 1.000 | 1.313 | 4.250 | 4 | 0.625 | 3.125 | 0.625 | 4.875 | 4 | 0.750 | 3.500 | 0.625 |
| 1.250 | 1.656 | 4.625 | 4 | 0.625 | 3.500 | 0.625 | 5.250 | 4 | 0.750 | 3.875 | 0.625 |
| 1.500 | 1.906 | 5.000 | 4 | 0.625 | 3.875 | 0.750 | 6.125 | 4 | 0.875 | 4.500 | 0.750 |
| 2.000 | 2.375 | 6.000 | 4 | 0.750 | 4.750 | 0.750 | 6.500 | 8 | 0.875 | 5.000 | 0.750 |
| 2.500 | 2.875 | 7.000 | 4 | 0.750 | 5.500 | 0.750 | 7.500 | 8 | 0.875 | 5.875 | 0.750 |
| 3.000 | 3.500 | 7.500 | 8 | 0.750 | 6.000 | 0.750 | 8.250 | 8 | 0.875 | 6.625 | 0.750 |
| 3.500 | 4.000 | 8.500 | 8 | 0.750 | 7.000 | 0.750 | 9.000 | 8 | 0.875 | 7.250 | 0.750 |
| 4.000 | 4.500 | 9.000 | 8 | 0.750 | 7.500 | 0.750 | 10.000 | 8 | 0.875 | 7.875 | 0.750 |
| 5.000 | 5.563 | 10.000 | 8 | 0.875 | 8.500 | 0.750 | 11.000 | 8 | 0.875 | 9.250 | 0.750 |
| 6.000 | 6.625 | 11.000 | 8 | 0.875 | 9.500 | 0.750 | 12.500 | 12 | 0.875 | 10.625 | 0.750 |
| 8.000 | 8.625 | 13.500 | 12 | 0.875 | 11.750 | 0.750 | 15.000 | 12 | 1.000 | 13.000 | 0.875 |
| 10.000 | 10.750 | 16.000 | 12 | 1.000 | 14.250 | 0.875 | 17.500 | 16 | 1.125 | 15.250 | 1.000 |
| 12.000 | 12.750 | 19.000 | 12 | 1.000 | 17.000 | 0.875 | 20.500 | 16 | 1.250 | 17.750 | 1.125 |
| 14 | | 21.900 | 12 | 1.125 | 18.750 | 1.000 | 23.000 | 20 | 1.250 | 20.250 | 1.125 |
| 16 | | 23.500 | 16 | 1.125 | 21.250 | 1.000 | 25.500 | 20 | 1.375 | 22.500 | 1.250 |
| 18 | | 25.000 | 16 | 1.250 | 22.750 | 1.125 | 28.000 | 24 | 1.375 | 24.750 | 1.250 |
| 20 | | 27.500 | 20 | 1.250 | 25.000 | 1.125 | 30.500 | 24 | 1.375 | 27.000 | 1.250 |
| 22 | | 29.500 | 20 | 1.375 | 27.250 | 1.250 | 33.000 | 24 | 1.625 | 29.250 | 1.250 |
| 24 | | 32.000 | 20 | 1.375 | 29.500 | 1.250 | 36.000 | 24 | 1.625 | 32.000 | 1.500 |
| 26 | | 34.250 | 24 | 1.375 | 31.750 | 1.250 | 38.250 | 28 | 1.750 | 34.500 | 1.500 |
| 28 | | 36.500 | 28 | 1.375 | 34.000 | 1.250 | 40.750 | 28 | 1.750 | 37.000 | 1.500 |
| 30 | | 38.750 | 28 | 1.375 | 36.000 | 1.250 | 43.000 | 28 | 1.875 | 39.250 | 1.500 |
| 32 | | 41.750 | 28 | 1.625 | 38.500 | 1.375 | 45.250 | 28 | 2.000 | 41.500 | 1.875 |
| 34 | | 43.750 | 32 | 1.625 | 40.500 | 1.375 | 47.500 | 28 | 2.000 | 43.500 | 1.875 |
| 36 | | 46.000 | 32 | 1.625 | 42.750 | 1.750 | 50.000 | 32 | 2.125 | 46.000 | 2.000 |
| 38 | | 48.750 | 32 | 1.750 | 45.250 | 1.625 | 52.250 | 32 | 2.250 | 48.000 | 2.125 |
| 40 | | 50.750 | 36 | 1.750 | 47.250 | 1.625 | 54.500 | 36 | 2.250 | 50.250 | 2.125 |
| 42 | | 53.000 | 36 | 1.750 | 49.500 | 1.625 | 57.000 | 36 | 2.250 | 52.750 | 2.125 |
| 44 | | 55.250 | 40 | 1.750 | 51.750 | 1.625 | 59.250 | 36 | 2.250 | 55.000 | 2.125 |
| 46 | | 57.250 | 40 | 1.750 | 53.750 | 1.625 | 61.500 | 40 | 2.250 | 57.250 | 2.125 |
| 48 | | 59.500 | 44 | 1.750 | 56.000 | 1.625 | 65.000 | 40 | 2.250 | 60.750 | 2.125 |
| 50 | | 61.750 | 44 | 2.000 | 58.250 | 1.750 | | | | | |
| 52 | | 64.000 | 44 | 2.000 | 60.500 | 1.750 | | | | | |
| 54 | | 66.250 | 44 | 2.000 | 62.750 | 1.750 | | | | | |
| 60 | | 73.000 | 52 | 2.000 | 69.250 | 1.750 | | | | | |
| 66 | | 80.000 | 52 | 2.000 | 76.000 | 1.750 | | | | | |
| 72 | | 86.500 | 60 | 2.000 | 82.500 | 1.750 | | | | | |
| 84 | | 99.750 | 64 | 2.250 | 95.500 | 2.000 | | | | | |
| 96 | | 113.250 | 68 | 2.500 | 108.500 | 2.000 | | | | | |

Assume New Standard

>= 26" must ask if series A or B?

RING GASKET DIMENSIONS

| NOMINAL PIPE SIZE (OLD STD) | DECIMAL | STD RING SIZES 125# TO 2500# | | | | SERIES A | | |
|-----------------------------|---------------------|------------------------------|------------------|-----------|-----------|-----------|------------|------------|
| | ANSI I.D. (NEW STD) | 125# - 150# O.D. | 250# - 300# O.D. | 400# O.D. | 600# O.D. | 900# O.D. | 1500# O.D. | 2500# O.D. |
| 0.5000 | 0.8438 | 1.8750 | | 2.1250 | | 2.5000 | | 2.7500 |
| 0.7500 | 1.0625 | 2.2500 | | 2.6250 | | 2.7500 | | 3.0000 |
| 1.0000 | 1.3125 | 2.6250 | | 2.8750 | | 3.1250 | | 3.3750 |
| 1.1250 | 1.6563 | 3.0000 | | 3.2500 | | 3.5000 | | 4.1250 |
| 1.5000 | 1.9063 | 3.3750 | | 3.7500 | | 3.8750 | | 4.6250 |
| 2.0000 | 2.3750 | 4.1250 | | 4.3750 | | 5.6250 | | 5.7500 |
| 2.5000 | 2.8750 | 4.8750 | | 5.1250 | | 6.5000 | | 6.6250 |
| 3.0000 | 3.5000 | 5.3750 | | 5.8750 | | 6.6250 | | 7.7500 |
| 3.5000 | 4.0000 | 6.3750 | 6.5000 | 6.3750 | | | | |
| 4.0000 | 4.5000 | 6.8750 | 7.1250 | 7.0000 | 7.6250 | 8.1250 | 8.2500 | 9.2500 |
| 5.0000 | 5.5625 | 7.7500 | 8.5000 | 8.3750 | 9.5000 | 9.7500 | 10.0000 | 11.0000 |
| 6.0000 | 6.6250 | 8.7500 | 9.8750 | 9.7500 | 10.5000 | 11.3750 | 11.1250 | 12.5000 |
| 8.0000 | 8.6250 | 11.0000 | 11.0000 | 12.1250 | 12.0000 | 14.2500 | 13.8750 | 15.2500 |
| 10.0000 | 10.7500 | 13.3750 | 14.2500 | 14.1250 | 15.7500 | 17.2500 | | 18.7500 |
| 12.0000 | 12.7500 | 16.1250 | 16.6250 | 16.5000 | 18.0000 | 19.6250 | 20.5000 | 21.6250 |
| 14 | | 17.7500 | 19.1250 | 19.0000 | 19.3750 | 20.5000 | 22.8750 | |
| 16 | | 20.2500 | 21.2500 | 21.1250 | 22.2500 | 22.6250 | 25.2500 | |
| 18 | | 21.6250 | 23.5000 | 23.3750 | 24.1250 | 25.1250 | 27.7500 | |
| 20 | | 23.8750 | 25.7500 | 25.5000 | 26.8750 | 27.5000 | 29.7500 | |
| 22 | | 26.0000 | 27.8750 | 28.8750 | | | | |
| 24 | | 28.2500 | 30.5000 | 30.2500 | 31.1250 | 33.0000 | 35.5000 | |
| 26 | | 30.5000 | 32.8750 | 32.7500 | 34.1250 | 34.7500 | | |
| 28 | | 32.7500 | 35.3750 | 35.1250 | 36.0000 | 37.2500 | | |
| 30 | | 34.7500 | 37.5000 | 37.2500 | 38.2500 | 39.7500 | | |
| 32 | | 37.0000 | 39.6250 | 39.5000 | 40.2500 | 41.2500 | | |
| 34 | | 39.0000 | 41.6250 | 41.5000 | 42.2500 | 44.7500 | | |
| 36 | | 41.2500 | 44.0000 | | | 47.7500 | | |
| 38 | | 43.6250 | 45.8750 | | | | | |
| 40 | | 45.6250 | 48.1250 | | | | | |
| 42 | | 47.8750 | 50.7500 | | | | | |
| 44 | | 50.1250 | 52.8750 | | | | | |
| 46 | | 52.1250 | 55.1250 | | | | | |
| 48 | | 54.7500 | 58.7500 | | | | | |
| 50 | | 56.3750 | | | | | | |
| 52 | | 58.6250 | | | | | | |
| 54 | | 60.8750 | | | | | | |
| 60 | | 67.3750 | | | | | | |
| 66 | | 74.1250 | | | | | | |
| 72 | | 80.6250 | | | | | | |
| 84 | | 93.3750 | | | | | | |
| 96 | | 106.1250 | | | | | | |

Assume New Standard

>= 26" ASK Series A or B?