

REDI-FLANGE™

ANSI B16.1 Class 125
ANSI B16.5 Class 150

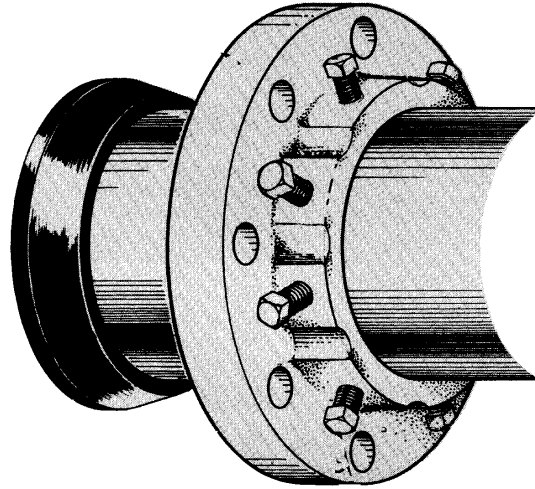
No Welding!
No Threading!

STANDARDS:

Ductile Iron - ASTM A536
Grade 65-45-12. Drilling to
ANSI B16.1 - 125 lb.
ANSI B16.5 - 150 lb.

SET SCREW: AISI
steel. Tensile 160,000
psi minimum.

GASKET: SBR (BUNA-N).



HYDROSTATIC TEST

PRESSURE:

MODEL - RFC-2 - 125 lb./150 lb.
2 in. - 8 in. 600 psi
10 in. - 12 in. 525 psi

MODEL - RFC-4 - 125 lb./150 lb.
3 in. - 12 in. 750 psi
14 in. - 24 in. 300 psi

The *Redi-Flange*™ joins valves, fittings and equipment with integral flanged ends to plain end pipe, without the need of pipe end preparation. Absolutely no threading, welding, or grooving is necessary. The working principle of the *Redi-Flange*™ is relatively simple. Slide the flange over plain end pipe and follow it with a standard mechanical joint gasket. When the *Redi-Flange*™ is brought to mate against an existing flange, and the flange bolts are tightened, a compression type seal is created against the mating flange and pipe surface. End restraint is provided when the set screws are tightened.

| Nom. Pipe Size | Part No. | D.I. Pipe O.D. RFC-2-D | Steel Pipe O.D. RFC-2-S | Flange O.D. | Bolt Circle | Bolt Hole Dia. | Set Screws | | Wgt. Approx. |
|----------------|----------|------------------------|-------------------------|-------------|-------------|----------------|------------|-------------|--------------|
| | | | | | | | No. | Size | |
| 2 | RFC-201 | 2.38 | 2.50 | 6 | 4 3/4 | 3/4 | 2 | 1/2 x 1 | 3.5 |
| 2 1/2 | RFC-202 | - | 2.88 | 7 | 5.5 | 3/4 | 4 | 1/2 x 1 | 4 |
| 3 | RFC-203 | 3.96 | 3.50 | 7 1/2 | 6 | 3/4 | 4 | 1/2 x 1 | 5 |
| 4 | RFC-204 | 4.80 | 4.50 | 9 | 7 1/2 | 3/4 | 4 | 1/2 x 1 | 8 |
| 5 | RFC-205 | - | 5.56 | 10 | 8 1/2 | 7/8 | 8 | 1/2 x 1 | 9 |
| 6 | RFC-206 | 6.90 | 6.625 | 11 | 9 1/2 | 7/8 | 8 | 1/2 x 1 | 10 |
| 8 | RFC-208 | 9.05 | 8.625 | 13 1/2 | 11 3/4 | 7/8 | 8 | 5/8 x 1 1/4 | 17 |
| 10 | RFC-210 | 11.10 | 10.75 | 16 | 14 1/4 | 1 | 12 | 5/8 x 1 1/4 | 22 |
| 12 | RFC-212 | 13.20 | 12.75 | 19 | 17 | 1 | 12 | 5/8 x 1 1/4 | 31 |

| Nom. Pipe Size | Part No. | D.I. Pipe O.D. RFC-4-D | Steel Pipe O.D. RFC-4-S | Flange O.D. | Bolt Circle | Bolt Hole Dia. | Set Screws | | Wgt. Approx. |
|----------------|----------|------------------------|-------------------------|-------------|-------------|----------------|------------|-------------|--------------|
| | | | | | | | No. | Size | |
| 3 | RFC-403 | 3.96 | 3.50 | 7 1/2 | 6 | 3/4 | 4 | 1/2 x 1 | 8 |
| 4 | RFC-404 | 4.80 | 4.50 | 9 | 7 1/2 | 3/4 | 4 | 1/2 x 1 | 11 |
| 6 | RFC-406 | 6.90 | 6.625 | 11 | 9 1/2 | 7/8 | 8 | 5/8 x 1 1/4 | 14 |
| 8 | RFC-408 | 9.05 | 8.625 | 13 1/2 | 11 3/4 | 7/8 | 8 | 5/8 x 1 1/4 | 21 |
| 10 | RFC-410 | 11.10 | 10.75 | 16 | 14 1/4 | 1 | 12 | 5/8 x 1 1/4 | 38 |
| 12 | RFC-412 | 13.20 | 12.75 | 19 | 17 | 1 | 12 | 5/8 x 1 1/4 | 56 |
| 14 | RFC-414 | 15.30 | NA | 21 | 18 3/4 | 1 1/8 | 12 | 5/8 x 1 1/4 | 70 |
| 16 | RFC-416 | 17.40 | NA | 23 1/2 | 21 1/4 | 1 1/8 | 16 | 5/8 x 1 1/4 | 79 |
| 18 | RFC-418 | 19.50 | NA | 25 | 22 3/4 | 1 1/4 | 16 | 3/4 x 2 | 90 |
| 20 | RFC-420 | 21.60 | NA | 27 1/2 | 25 | 1 1/4 | 20 | 3/4 x 2 | 145 |
| 24 | RFC-424 | 25.80 | NA | 32 | 29 1/2 | 1 3/8 | 20 | 3/4 x 2 | 175 |

ORDERS FAX 800-807-2214

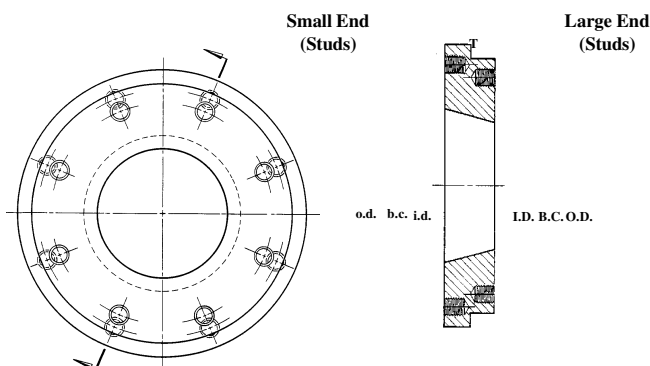
COMPACT FLANGE REDUCER

Class 125/150 Flanges

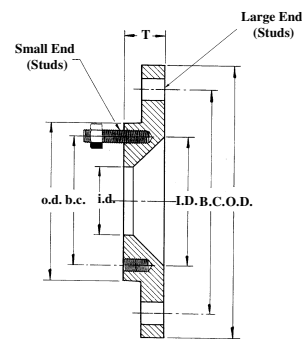
Mates with ANSI Class 125/150 flange drillings

Material: Ductile Iron
ASTM A536 or ASTM A36
Steel

TYPE A



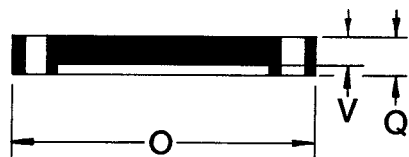
TYPE B



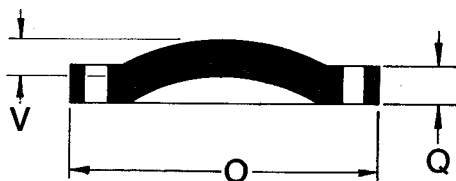
| Flange Size | Part No. | Large End | | | Small End | | | T | Type | Large End Studs | | Small End Studs | |
|---------------|-------------|-----------|-------|-------|-----------|-------|-------|------|------|-----------------|-------------|-----------------|-------------|
| | | I.D. | O.D. | B.C. | i.d. | o.d. | b.c. | | | Qty. | Size | Qty. | Size |
| | | | | | | | | | | | | | |
| 2 x 1 1/2 | 740-110-100 | 2.00 | 6.00 | 4.75 | 1.50 | 6.00 | 3.88 | 1.50 | A | 4 | 5/8 x 2 1/2 | 4 | 1/2 x 2 1/2 |
| 2 1/2 x 1 1/2 | 740-120-100 | 2.50 | 7.00 | 5.50 | 1.50 | 6.00 | 3.88 | 1.50 | A | 4 | 5/8 x 2 1/2 | 4 | 1/2 x 2 1/2 |
| 2 1/2 x 2 | 740-120-110 | 2.50 | 7.00 | 5.50 | 2.00 | 6.00 | 4.75 | 1.50 | A | 4 | 5/8 x 2 1/2 | 4 | 5/8 x 2 1/2 |
| 3 x 1 1/2 | 740-130-100 | 3.00 | 7.50 | 6.00 | 1.50 | 6.00 | 3.88 | 1.50 | A | 4 | 5/8 x 2 1/2 | 4 | 1/2 x 2 1/2 |
| 3 x 2 | 740-130-110 | 3.00 | 7.50 | 6.00 | 2.00 | 6.00 | 4.75 | 1.50 | A | 4 | 5/8 x 3 | 4 | 5/8 x 3 |
| 3 x 2 1/2 | 740-130-120 | 3.00 | 7.50 | 6.00 | 2.50 | 7.00 | 5.50 | 1.50 | A | 4 | 5/8 x 2 1/2 | 4 | 5/8 x 2 1/2 |
| 4 x 2 | 740-140-110 | 4.00 | 9.00 | 7.50 | 2.00 | 6.00 | 4.75 | 1.50 | A | 8 | 5/8 x 2 1/2 | 4 | 5/8 x 2 1/2 |
| 4 x 2 1/2 | 740-140-120 | 4.00 | 9.00 | 7.50 | 2.50 | 7.00 | 5.50 | 1.50 | A | 8 | 5/8 x 2 1/2 | 4 | 5/8 x 2 1/2 |
| 4 x 3 | 740-140-130 | 4.00 | 9.00 | 7.50 | 3.00 | 7.50 | 6.00 | 1.50 | A | 8 | 5/8 x 2 1/2 | 4 | 5/8 x 2 1/2 |
| 6 x 2 1/2 | 740-160-120 | 6.00 | 11.00 | 9.50 | 2.50 | 7.00 | 5.50 | 1.50 | B | - | - | 8 | 3/4 x 3 1/2 |
| 6 x 3 | 740-160-130 | 6.00 | 11.00 | 9.50 | 3.00 | 7.50 | 6.00 | 1.50 | B | - | - | 8 | 3/4 x 3 1/2 |
| 6 x 4 | 740-160-140 | 6.00 | 11.00 | 9.50 | 4.00 | 9.00 | 7.50 | 2.00 | A | 8 | 3/4 x 3 | 8 | 5/8 x 2 1/2 |
| 6 x 5 | 740-160-150 | 6.00 | 11.00 | 9.50 | 5.00 | 10.00 | 8.50 | 2.00 | A | 8 | 3/4 x 3 | 8 | 3/4 x 3 |
| 8 x 4 | 740-180-140 | 8.00 | 13.50 | 11.75 | 4.00 | 9.00 | 7.50 | 2.00 | B | - | - | 8 | 3/4 x 3 1/2 |
| 8 x 5 | 740-180-150 | 8.00 | 13.50 | 11.75 | 5.00 | 10.00 | 8.50 | 2.00 | A | 8 | 3/4 x 3 1/2 | 8 | 3/4 x 3 |
| 8 x 6 | 740-180-160 | 8.00 | 13.50 | 11.75 | 6.00 | 11.00 | 9.50 | 2.00 | A | 8 | 3/4 x 3 1/2 | 8 | 3/4 x 3 |
| 10 x 4 | 740-200-140 | 10.00 | 16.00 | 14.25 | 4.00 | 9.00 | 7.50 | 2.00 | B | - | - | 12 | 7/8 x 4 |
| 10 x 5 | 740-200-150 | 10.00 | 16.00 | 14.25 | 5.00 | 10.00 | 8.50 | 2.00 | B | - | - | 12 | 7/8 x 4 |
| 10 x 6 | 740-200-160 | 10.00 | 16.00 | 14.25 | 6.00 | 11.00 | 9.50 | 2.00 | A | 12 | 7/8 x 3 3/4 | 8 | 3/4 x 3 |
| 10 x 8 | 740-200-180 | 10.00 | 16.00 | 14.25 | 8.00 | 13.50 | 11.75 | 2.00 | A | 12 | 7/8 x 3 3/4 | 8 | 3/4 x 3 1/2 |
| 12 x 4 | 740-220-140 | 12.00 | 19.00 | 17.00 | 4.00 | 9.00 | 7.50 | 2.00 | B | - | - | 12 | 7/8 x 4 |
| 12 x 6 | 740-220-160 | 12.00 | 19.00 | 17.00 | 6.00 | 11.00 | 9.50 | 2.00 | B | - | - | 12 | 7/8 x 4 |
| 12 x 8 | 740-220-180 | 12.00 | 19.00 | 17.00 | 8.00 | 13.50 | 11.75 | 2.00 | A | 12 | 7/8 x 3 3/4 | 8 | 3/4 x 3 1/2 |
| 12 x 10 | 740-220-200 | 12.00 | 19.00 | 17.00 | 10.00 | 16.00 | 14.25 | 2.00 | A | 12 | 7/8 x 3 3/4 | 12 | 7/8 x 3 3/4 |
| 14 x 6 | 740-240-160 | 14.00 | 21.00 | 18.75 | 6.00 | 11.00 | 9.50 | 2.50 | B | - | - | 12 | 1 x 4 1/2 |
| 14 x 8 | 740-240-180 | 14.00 | 21.00 | 18.75 | 8.00 | 13.50 | 11.75 | 2.50 | B | - | - | 12 | 1 x 4 1/2 |
| 14 x 10 | 740-240-200 | 14.00 | 21.00 | 18.75 | 10.00 | 16.00 | 14.25 | 2.50 | A | 12 | 1 x 4 | 12 | 7/8 x 3 1/2 |
| 14 x 12 | 740-240-220 | 14.00 | 21.00 | 18.75 | 12.00 | 19.00 | 17.00 | 2.50 | A | 12 | 1 x 4 | 12 | 7/8 x 3 1/2 |
| 16 x 6 | 740-260-160 | 16.00 | 23.50 | 21.25 | 3.00 | 11.00 | 9.50 | 2.50 | B | - | - | 16 | 1 x 4 1/2 |
| 16 x 8 | 740-260-180 | 16.00 | 23.50 | 21.25 | 8.00 | 13.50 | 11.75 | 2.50 | B | - | - | 16 | 1 x 4 1/2 |
| 16 x 10 | 740-260-200 | 16.00 | 23.50 | 21.25 | 10.00 | 16.00 | 14.25 | 2.50 | B | - | - | 16 | 1 x 4 |
| 16 x 12 | 740-260-220 | 16.00 | 23.50 | 21.25 | 12.00 | 19.00 | 17.00 | 2.50 | A | 16 | 1 x 4 | 12 | 7/8 x 3 1/2 |
| 16 x 14 | 740-260-240 | 16.00 | 23.50 | 21.25 | 14.00 | 21.00 | 18.75 | 2.50 | A | 16 | 1 x 4 | 12 | 1 x 4 |

BLIND FLANGES

ANSI B16.1 Class 125



SERIES 60 (1"-10")



SERIES 60 (12")

| Size | Part No. | O | Q | V | Weight |
|-------|------------|-------|------|------|--------|
| 1 | 60F-0100-G | 4.25 | .44 | .38 | 2 |
| 1 1/4 | 60F-0125-G | 4.62 | .50 | .44 | 2.25 |
| 1 1/2 | 60F-0150-G | 5.00 | .56 | .50 | 3.75 |
| 2 | 60F-0200-G | 6.00 | .62 | .62 | 5 |
| 2 1/2 | 60F-0250-G | 7.00 | .68 | .62 | 7 |
| 3 | 60F-0300-G | 7.50 | .75 | .69 | 9 |
| 3 1/2 | 60F-0350-G | 8.50 | .81 | .75 | 14 |
| 4 | 60F-0400-G | 9.00 | .94 | .88 | 16 |
| 5 | 60F-0500-G | 10.00 | .94 | .88 | 18 |
| 6 | 60F-0600-G | 11.00 | 1.00 | .94 | 25 |
| 8 | 60F-0800-G | 13.50 | 1.12 | 1.06 | 42 |
| 10 | 60F-1000-G | 16.00 | 1.19 | 1.12 | 62 |
| 12 | 60F-1200-G | 19.00 | 1.25 | .81 | 85 |
| 14* | 60F-1400-D | 21.00 | 1.38 | .88 | 120 |
| 16* | 60F-1600-D | 23.50 | 1.44 | 1.00 | 145 |
| 18* | 60F-1800-D | 25.00 | 1.56 | 1.06 | 185 |
| 20* | 60F-2000-D | 27.50 | 1.69 | 1.12 | 245 |
| 24* | 60F-2400-D | 32.00 | 1.88 | 1.25 | 370 |

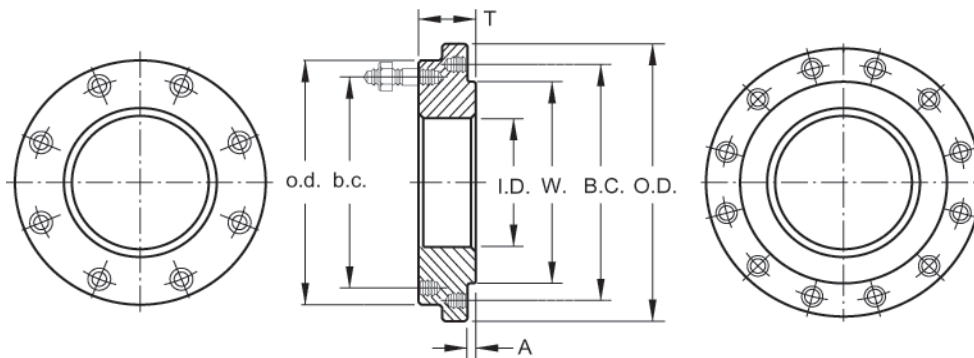
*14"-24" are made from high strength ductile iron to ANSI A21.10, AWWA C110, WWP 250.

FLANGE CONVERTERS

ANSI B16.1 Class 125

Class 125/150

Class 250/300

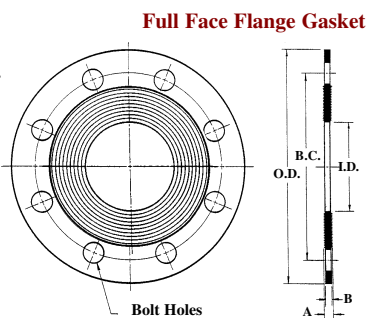


| Part No. | CLASS 125/150 | | | | | CLASS 250/300 | | | | | | | Weight |
|----------|------------------|------|-------|-------------------|----------------|---------------|-------|------|------|-------|-------------------|----------------|--------|
| | Flange Size/I.D. | o.d. | b.c. | No. of Bolt Holes | Stud Bolt Size | W | B.C. | O.D. | A | T | No. of Bolt Holes | Stud Bolt Size | |
| 840-140 | 4 | 9 | 7.5 | 8 | 5/8 x 2 1/2 | 6.94 | 7.88 | 10 | 0.06 | 2 | 8 | 3/4 x 3 1/2 | 28 |
| 840-150 | 5 | 10 | 8.5 | 8 | 3/4 x 3 | 8.31 | 9.25 | 11 | 0.06 | 2 | 8 | 3/4 x 3 1/2 | 32 |
| 840-160 | 6 | 11 | 9.5 | 8 | 3/4 x 3 | 9.69 | 10.62 | 12.5 | 0.06 | 2 | 12 | 3/4 x 3 1/2 | 42 |
| 840-180 | 8 | 13.5 | 11.75 | 8 | 3/4 x 3 1/2 | 11.94 | 13 | 15 | 0.06 | 2 1/4 | 12 | 7/8 x 4 | 66 |
| 840-200 | 10 | 16 | 14.25 | 12 | 7/8 x 3 1/2 | 14.06 | 15.25 | 17.5 | 0.06 | 2 3/4 | 16 | 1 x 4 1/2 | 100 |
| 840-220 | 12 | 19 | 17 | 12 | 7/8 x 3 1/2 | 16.44 | 17.75 | 20.5 | 0.06 | 2 3/4 | 16 | 1 1/8 x 5 | 160 |

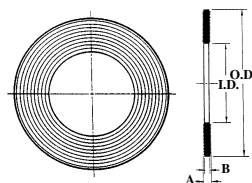
SEAL-TITE FLANGE GASKET

ANSI B16.1 Class 125

Low Torque!



Ring Type Flange Gasket



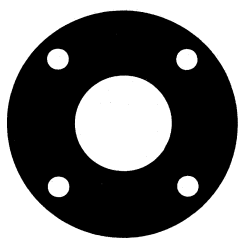
Serrated Face!

Material: Buna-N

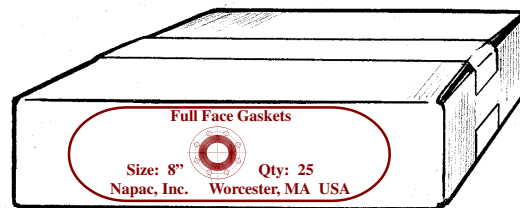
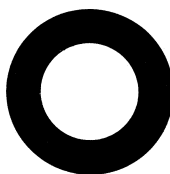
| Nominal Size | Part No. (Full Face) | Part No. (Ring) | ID | OD (Full Face) | OD (Ring) | A | B | BC (Full Face) | Box Quantity (Full Face) | Box Quantity (Ring) |
|--------------|----------------------|-----------------|-------|----------------|-----------|------|-----|----------------|--------------------------|---------------------|
| 2 | FFG-050-150 | RG-050-100 | 2.15 | 6.00 | 3.90 | 5/32 | 1/8 | 4.75 | 25 | 25 |
| 2 1/2 | FFG-065-175 | RG-065-120 | 2.73 | 7.00 | 4.70 | 5/32 | 1/8 | 5.50 | 25 | 25 |
| 3 | FFG-080-188 | RG-080-132 | 3.20 | 7.50 | 5.15 | 5/32 | 1/8 | 6.00 | 25 | 25 |
| 4 | FFG-100-210 | RG-100-162 | 3.98 | 9.00 | 6.30 | 5/32 | 1/8 | 7.50 | 25 | 25 |
| 5 | FFG-125-250 | RG-125-194 | 5.07 | 10.00 | 7.60 | 5/32 | 1/8 | 8.50 | 25 | 25 |
| 6 | FFG-150-275 | RG-150-218 | 6.01 | 11.00 | 8.50 | 5/32 | 1/8 | 9.50 | 25 | 25 |
| 8 | FFG-200-340 | RG-200-272 | 8.11 | 13.50 | 10.60 | 5/32 | 1/8 | 11.75 | 25 | 25 |
| 10 | FFG-250-400 | RG-250-328 | 10.06 | 16.00 | 12.80 | 5/32 | 1/8 | 14.25 | 25 | 25 |
| 12 | FFG-300-475 | RG-300-378 | 12.09 | 19.00 | 14.75 | 5/32 | 1/8 | 17.00 | 25 | 25 |
| 14 | FFG-350-525 | RG-350-445 | 14.12 | 21.00 | 17.15 | 5/32 | 1/8 | 18.75 | 20 | 25 |
| 16 | FFG-400-588 | RG-400-510 | 16.19 | 23.50 | 19.90 | 5/32 | 1/8 | 21.25 | 20 | 25 |
| 18 | FFG-450-625 | RG-450-542 | 18.25 | 25.00 | 21.15 | 5/32 | 1/8 | 22.75 | 20 | 20 |
| 20 | FFG-500-688 | RG-500-606 | 20.28 | 27.50 | 23.60 | 5/32 | 1/8 | 25.00 | 20 | 20 |
| 24 | FFG-600-800 | RG-600-717 | 24.34 | 32.00 | 27.95 | 5/32 | 1/8 | 29.50 | 20 | 20 |

FLAT FLANGE GASKET

Full Face



Ring Type



Material: Red Rubber
Non-Asbestos

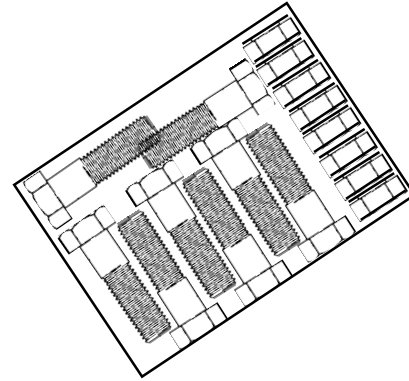
| Nominal Size | Part No. (Full Face) | Part No. (Ring) | OD (Full Face) | OD (Ring) | Thickness | Bolt Circle (Full Face) | Box Quantity (Full Face) | Box Quantity (Ring) |
|--------------|----------------------|-----------------|----------------|-----------|-----------|-------------------------|--------------------------|---------------------|
| 2 | FFF-050-150 | FRG-050-100 | 6.00 | 3.90 | 1/8 | 4.75 | 25 | 25 |
| 2 1/2 | FFF-065-175 | FRG-065-120 | 7.00 | 4.70 | 1/8 | 5.50 | 25 | 25 |
| 3 | FFF-080-188 | FRG-080-132 | 7.50 | 5.15 | 1/8 | 6.00 | 25 | 25 |
| 4 | FFF-100-210 | FRG-100-162 | 9.00 | 6.30 | 1/8 | 7.50 | 25 | 25 |
| 5 | FFF-125-250 | FRG-125-194 | 10.00 | 7.60 | 1/8 | 8.50 | 25 | 25 |
| 6 | FFF-150-275 | FRG-150-218 | 11.00 | 8.50 | 1/8 | 9.50 | 25 | 25 |
| 8 | FFF-200-340 | FRG-200-272 | 13.50 | 10.60 | 1/8 | 11.75 | 25 | 25 |
| 10 | FFF-250-400 | FRG-250-328 | 16.00 | 12.80 | 1/8 | 14.25 | 25 | 25 |
| 12 | FFF-300-475 | FRG-300-378 | 19.00 | 14.75 | 1/8 | 17.00 | 25 | 25 |
| 14 | FFF-350-525 | FRG-350-445 | 21.00 | 17.15 | 1/8 | 18.75 | 20 | 25 |
| 16 | FFF-400-588 | FRG-400-510 | 23.50 | 19.90 | 1/8 | 21.25 | 20 | 25 |
| 18 | FFF-450-625 | FRG-450-542 | 25.00 | 21.15 | 1/8 | 22.75 | 20 | 20 |
| 20 | FFF-500-688 | FRG-500-606 | 27.50 | 23.60 | 1/8 | 25.00 | 20 | 20 |
| 24 | FFF-600-800 | FRG-600-717 | 32.00 | 27.95 | 1/8 | 29.50 | 20 | 20 |

Bolt and Nut Packs for Class 125/150 Flanges

ANSI B16.1 Class 125
ANSI B16.5 Class 250

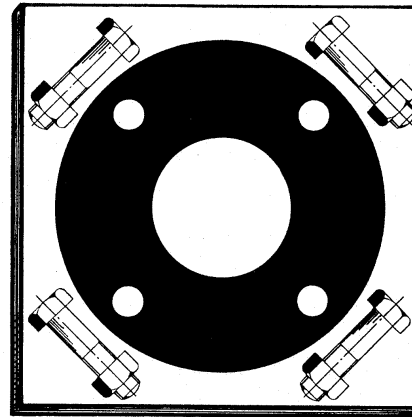
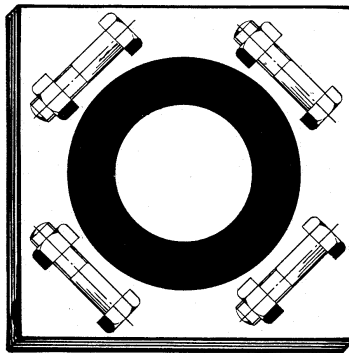
Heavy Hex Head Bolts (ANSI B18.2.1/ASTM-A307 Grade B)
Heavy Hex Nuts (ANSI B18.2.2/ASTM-A563 Grade A)

| Part No. | Class 125/150 Flange Size | Bolt Diameter and Length | No. of Bolts per Poly Bag | Master Box (Qty. of Sets) | Master Box Weight (Lbs.) |
|----------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|
| | 2 | | | | |
| FBZ03 | 2 1/2 | 5/8 x 2 1/2 | 4 | 32 | 50 |
| | 3 | | | | |
| FBZ04 | 4 | 5/8 x 3 | 8 | 16 | 55 |
| | 5 | | | | |
| FBZ08 | 6 | 3/4 x 3 1/2 | 8 | 8 | 50 |
| | 8 | | | | |
| FBZ12 | 10 | 7/8 x 4 | 12 | 4 | 55 |
| | 12 | | | | |
| FBZ14 | 14 | 1 x 4 1/2 | 12 | 2 | 40 |
| FBZ16 | 16 | 1 x 4 1/2 | 16 | 2 | 52 |
| FBZ18 | 18 | 1 1/8 x 5 | 16 | 1 | 37 |
| FBZ20 | 20 | 1 1/8 x 5 | 20 | 1 | 44 |
| FBZ24 | 24 | 1 1/4 x 5 1/2 | 20 | 1 | 70 |



Available—plain, zinc plated, hot dipped galvanized, and type 304 stainless steel.

FLANGE ACCESSORY PACKS



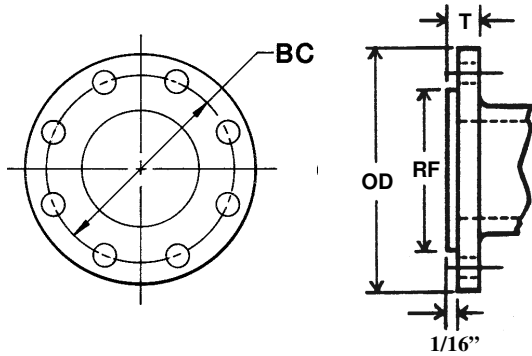
| Class 125/150 Flange Size | 1/8" Full Face Seal-Tite (Serrated) | 1/8" Ring Type Seal-Tite (Serrated) | 1/8" Full Face Red Rubber | 1/8" Ring Type Red Rubber | 1/8" Full Face Non-Asbestos | 1/8" Ring Type Non-Asbestos |
|---------------------------|-------------------------------------|-------------------------------------|---------------------------|---------------------------|-----------------------------|-----------------------------|
| 2 | FBR-020-* | RBP-020-* | FRP-020-* | RRP-020-* | FNP-020-* | RNP-020-* |
| 2 1/2 | FBR-020-025- | RBP-020-025- | FRP-020-025- | RRP-020-025- | FNP-020-025- | RNP-020-025- |
| 3 | FBR-030- | RBP-030- | FRP-030- | RRP-030- | FNP-030- | RNP-030- |
| 4 | FBR-040- | RBP-040- | FRP-040- | RRP-040- | FNP-040- | RNP-040- |
| 5 | FBR-050- | RBP-050- | FRP-050- | RRP-050- | FNP-050- | RNP-050- |
| 6 | FBR-060- | RBP-060- | FRP-060- | RRP-060- | FNP-060- | RNP-060- |
| 8 | FBR-080- | RBP-080- | FRP-080- | RRP-080- | FNP-080- | RNP-080- |
| 10 | FBR-100- | RBP-100- | FRP-100- | RRP-100- | FNP-100- | RNP-100- |
| 12 | FBR-120- | RBP-120- | FRP-120- | RRP-120- | FNP-120- | RNP-120- |
| 14 | FBR-140- | RBP-140- | FRP-140- | RRP-140- | FNP-140- | RNP-140- |
| 16 | FBR-160- | RBP-160- | FRP-160- | RRP-160- | FNP-160- | RNP-160- |
| 18 | FBR-180- | RBP-180- | FRP-180- | RRP-180- | FNP-180- | RNP-180- |
| 20 | FBR-200- | RBP-200- | FRP-200- | RRP-200- | FNP-200- | RNP-200- |
| 24 | FBR-240- | RBP-240- | FRP-240- | RRP-240- | FNP-240- | RNP-240- |

Zinc plated bolts and nuts.

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FLANGE DETAILS - Class 250

ANSI B16.1 Class 250

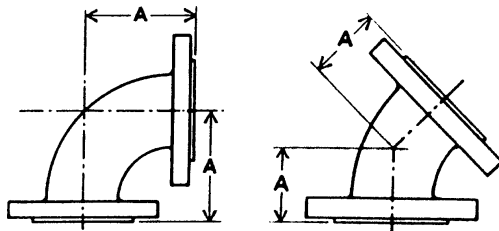


| Size | OD | T | RF | BC | Bolt Hole Dia. | Bolt Dia. & Length | No. of Bolts |
|------|--------|---------|----------|--------|----------------|--------------------|--------------|
| 4 | 10 | 1 3/4 | 6 15/16 | 7 7/8 | 7/8 | 3/4 x 3 3/4 | 8 |
| 5 | 11 | 1 7/8 | 8 5/16 | 8 5/16 | 7/8 | 3/4 x 4 | 8 |
| 6 | 12 1/2 | 1 15/16 | 9 11/16 | 10 5/8 | 7/8 | 3/4 x 4 | 12 |
| 8 | 15 | 2 3/16 | 11 15/16 | 13 | 1 | 7/8 x 4 1/2 | 12 |
| 10 | 17 1/2 | 2 3/8 | 14 1/16 | 15 1/4 | 1 1/8 | 1 x 5 1/4 | 16 |
| 12 | 20 1/2 | 2 9/16 | 16 7/16 | 17 3/4 | 1 1/4 | 1 1/8 x 5 1/2 | 16 |

All dimensional data in inches and lbs.

ELBOWS

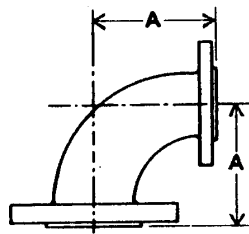
ANSI B16.1 Class 250



| Size | 90° Elbow | | | 45° Elbow | | |
|------|-------------|--------|------|-------------|-------|------|
| | Part No. | A | Wgt. | Part No. | A | Wgt. |
| 4 | 100F-0404-G | 7 | 66 | 110F-0404-G | 4 1/2 | 60 |
| 6 | 100F-0606-G | 8 1/2 | 124 | 110F-0606-G | 5 1/2 | 103 |
| 8 | 100F-0808-G | 10 | 192 | 110F-0808-G | 6 | 158 |
| 10 | 100F-1010-G | 11 1/2 | 311 | 110F-1010-G | 7 | 247 |
| 12 | 100F-1212-G | 13 | 430 | 110F-1212-G | 8 | 355 |

90° REDUCING ELBOW

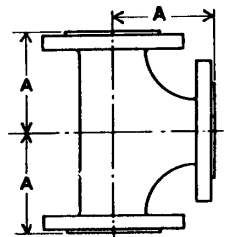
ANSI B16.1 Class 250



| Size | Part No. | A | Weight |
|--------|-------------|--------|--------|
| 6 x 4 | 100F-0604-G | 8 1/2 | 95 |
| 8 x 6 | 100F-0806-G | 10 | 161 |
| 10 x 8 | 100F-1008-G | 11 1/2 | 240 |

TEES

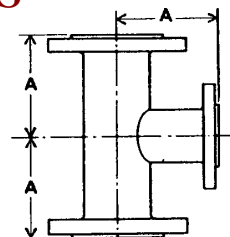
ANSI B16.1 Class 250



| Size | Part No. | A | Weight |
|------|-------------|--------|--------|
| 4 | 200F-0404-G | 7 | 98 |
| 6 | 200F-0606-G | 8 1/2 | 184 |
| 8 | 200F-0808-G | 10 | 280 |
| 10 | 200F-1010-G | 11 1/2 | 435 |
| 12 | 200F-1212-G | 13 | 599 |

REDUCING TEES

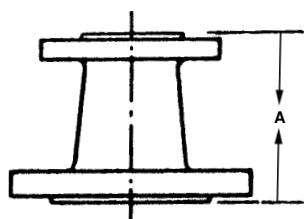
ANSI B16.1 Class 250



| Size | Part No. | A | Weight |
|-----------|---------------|-------|--------|
| 6 x 6 x 4 | 260F-060604-G | 8 1/2 | 150 |
| 8 x 8 x 6 | 260F-080806-G | 10 | 246 |

REDUCERS

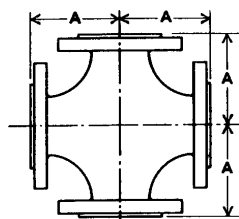
ANSI B16.1 Class 250



| Size | Part No. | A | Weight |
|--------|-------------|----|--------|
| 4 x 3 | 500F-0403-G | 7 | 40 |
| 6 x 4 | 500F-0604-G | 9 | 77 |
| 6 x 5 | 500F-0605-G | 9 | 85 |
| 8 x 6 | 500F-0806-G | 11 | 142 |
| 10 x 8 | 500F-1008-G | 12 | 196 |

CROSSES

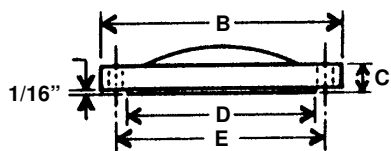
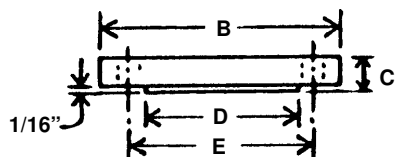
ANSI B16.1 Class 250



| Size | Part No. | A | Weight |
|------|-------------|-------|--------|
| 4 | 350F-0404-G | 7 | 139 |
| 6 | 350F-0606-G | 8 1/2 | 228 |
| 8 | 350F-0808-G | 10 | 370 |

BLIND FLANGES

ANSI B16.1 Class 250

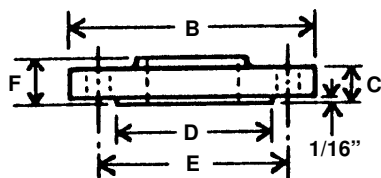


Dished faces for use with 10" and 12" extra heavy Blind Flanges.

| Nominal Pipe Size | Flange Size | Part No. | C | B | D | E | Weight |
|-------------------|-------------|-------------|--------|--------|----------|--------|--------|
| 4 | 4 x 10 | 600F-0404-G | 1 1/4 | 10 | 6 15/16 | 7 7/8 | 25 |
| 6 | 6 x 12 1/2 | 600F-0606-G | 1 7/16 | 12 1/2 | 9 11/16 | 10 5/8 | 43 |
| 8 | 8 x 15 | 600F-0808-G | 1 5/8 | 15 | 11 15/16 | 13 | 69 |
| 10 | 10 x 17 1/2 | 600F-1010-G | 1 7/8 | 17 1/2 | 14 1/16 | 15 1/4 | 100 |
| 12 | 12 x 20 1/2 | 600F-1212-G | 2 | 20 1/2 | 16 7/16 | 17 3/4 | 148 |

THREADED FLANGES

ANSI B16.1 Class 250



| Nominal Pipe Size | Flange Size | Part No. | C | B | D | E | F | Weight |
|-------------------|-------------|-------------|--------|--------|----------|--------|---------|--------|
| 4 | 4 x 10 | 760F-0404-G | 1 1/4 | 10 | 6 15/16 | 7 7/8 | 1 3/4 | 21 |
| 6 | 6 x 12 1/2 | 760F-0606-G | 1 7/16 | 12 1/2 | 9 11/16 | 10 5/8 | 1 15/16 | 33 |
| 8 | 8 x 15 | 760F-0808-G | 1 5/8 | 15 | 11 15/16 | 13 | 2 3/16 | 51 |
| 10 | 10 x 17 1/2 | 760F-1010-G | 1 7/8 | 17 1/2 | 14 1/16 | 15 1/4 | 2 3/8 | 77 |
| 12 | 12 x 20 1/2 | 760F-1212-G | 2 | 20 1/2 | 16 7/16 | 17 3/4 | 2 9/16 | 103 |



Napac, Inc.

**75 Southwest Cutoff (Route 20)
Worcester, Massachusetts 01604 USA
Tel.: 800-807-2215
Fax: 800-807-2214**