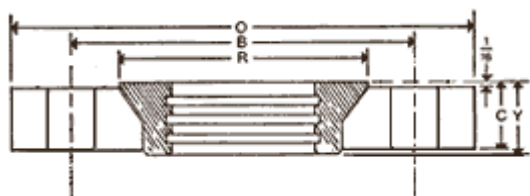
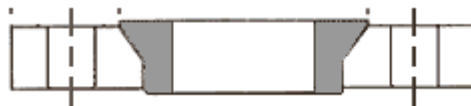


PRODUCTS: LONG TANGENT - BELLED END FITTINGS



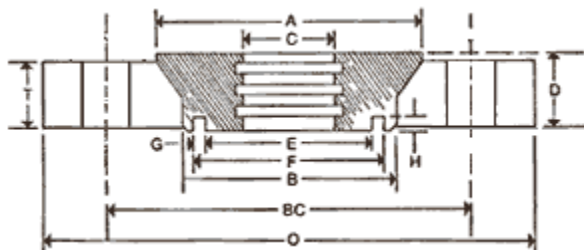
GROOVED STYLE



SLIP-ON STYLE

| INSERT FLANGES | | | | | | | | |
|----------------|----------------------------|-----------------------------|-----------------------------|---------------------------|--------------------------------|-----------|-------------|------------------|
| NOM. PIPE SIZE | OUTSIDE DIA. OF FLANGE "O" | DIAMETER OF BOLT CIRCLE "B" | DIAMETER OF RAISED FACE "R" | FACE TO HUB THICKNESS "Y" | FACE TO BACK OF FLANGE "C" (2) | BOLT DATA | | APPROX. WT. LBS. |
| | | | | | | No. | SIZE (1) | |
| 1/2 | 3 1/2 | 2 3/8 | 1 3/8 | 21/32 | 7/16 | 4 | 1/2 x 1 3/4 | .80 |
| 3/4 | 3 7/8 | 2 3/4 | 1 11/16 | 21/32 | 1/2 | 4 | 1/2 x 1 3/4 | 1.10 |
| 1 | 4 1/4 | 3 1/8 | 2 | 11/16 | 9/16 | 4 | 1/2 x 2 1/4 | 1.50 |
| 1 1/4 | 4 5/8 | 3 1/2 | 2 1/2 | 13/16 | 5/8 | 4 | 1/2 x 2 1/4 | 2.10 |
| 1 1/2 | 5 | 3 7/8 | 2 7/8 | 3/4 | 11/16 | 4 | 1/2 x 2 1/4 | 2.60 |
| 2 | 6 | 4 3/4 | 3 5/8 | 3/4 | 11/16 | 4 | 5/8 x 2 1/2 | 4.30 |
| 2 1/2 | 7 | 5 1/2 | 4 1/8 | 7/8 | 13/16 | 4 | 5/8 x 2 1/2 | 7.00 |
| 3 | 7 1/2 | 6 | 5 | 1 | 15/16 | 4 | 5/8 x 3 | 8.40 |
| 4 | 9 | 7 1/2 | 6 3/16 | 1 1/16 | 15/16 | 8 | 5/8 x 3 | 10.90 |
| 6 | 11 | 9 1/2 | 8 | 1 1/4 | 1 1/16 | 8 | 3/4 x 3 1/4 | 15.25 |
| 8 | 13 1/2 | 11 3/4 | 10 1/2 | 1 5/8 | 1 1/8 | 8 | 3/4 x 3 1/4 | 30.00 |
| 10 | 16 | 14 1/4 | 12 1/2 | 1 13/16 | 1 3/16 | 12 | 7/8 x 3 1/2 | 50.00 |

- (1) Diameter of bolt holes is 1/8" larger than diameter of bolts.
- (2) Includes 1/16" raised face of insert.



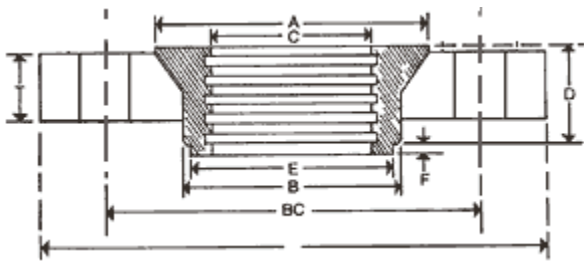
GROOVED STYLE



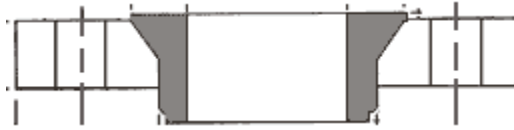
SLIP-ON STYLE

| 150# JACKETED PIPING INSERT FLANGES | | | | | | | | | | | |
|--------------------------------------|--------|--------|--------|---------|--------|--------|------|------|--------|--------|--------|
| FLANGE SIZE SAME AS JACKET PIPE SIZE | | | | | | | | | | | |
| PIPE SIZE | "A" | "B" | "C" | "D" | "E" | "F" | "G" | "H" | O | BC | T |
| 1/2 x 1 x 1 | 2 | 1.750 | .860 | 11/16 | 1.024 | 1.340 | .158 | 1/8 | 4 1/4 | 3 1/8 | 9/16 |
| 3/4 x 1 1/2 x 1 1/2 | 2 7/8 | 2.562 | 1.070 | 7/8 | 1.585 | 1.925 | .170 | 1/8 | 5 | 3 7/8 | 11/16 |
| 1 x 2 x 2 | 3 5/8 | 3.000 | 1.335 | 7/8 | 2.042 | 2.400 | .179 | 1/8 | 6 | 4 3/4 | 3/4 |
| 1 1/2 x 2 1/2 x 2 1/2 | 4 1/8 | 3.500 | 1.920 | 1 | 2.444 | 2.900 | .228 | 1/8 | 7 | 5 1/2 | 7/8 |
| 2 x 3 x 3 | 5 | 4.187 | 2.400 | 1 1/16 | 3.043 | 3.525 | .241 | 1/8 | 7 1/2 | 6 | 15/16 |
| 3 x 4 x 4 | 6 3/16 | 5.250 | 3.536 | 1 3/16 | 4.000 | 4.525 | .263 | 3/16 | 9 | 7 1/2 | 15/16 |
| 4 x 6 x 6 | 8 3/8 | 7.500 | 4.536 | 1 3/8 | 6.040 | 6.660 | .305 | 3/16 | 11 | 9 1/2 | 1 |
| 6 x 8 x 8 | 10 1/2 | 9.625 | 6.665 | 1 3/4 | 7.956 | 8.650 | .347 | 3/16 | 13 1/2 | 11 3/4 | 1 1/8 |
| 8 x 10 x 10 | 12 1/2 | 11.687 | 8.655 | 1 15/16 | 9.995 | 10.775 | .390 | 3/16 | 16 | 14 1/4 | 1 3/16 |
| 10 x 12 x 12 | 15 | 14.312 | 10.780 | 2 | 11.975 | 12.775 | .400 | 3/16 | 19 | 17 | 1 3/16 |

Note: All dimensions are in inches.
 Flange size same as jacket size (150#).
 Inner pipe Sch. 10 T316-jacket size Sch. 40.
 Also available in 300#.



GROOVED STYLE



SLIP-ON STYLE

| 150# JACKETED PIPING INSERT FLANGES | | | | | | | | | |
|-------------------------------------|--------|--------|--------|--------|--------|------|--------|--------|--------|
| FLANGE SIZE SAME AS INNER PIPE SIZE | | | | | | | | | |
| PIPE SIZE | "A" | "B" | "C" | "D" | "E" | "F" | O | BC | T |
| 1/2 x 1 x 1/2 | 1 5/8 | 1.149 | .860 | 1 1/16 | 1.024 | 1/8 | 3 1/2 | 2 3/8 | 7/16 |
| 3/4 x 1 1/2 x 3/4 | 2 | 1.710 | 1.070 | 1 1/8 | 1.585 | 1/8 | 3 7/8 | 2 3/4 | 1/2 |
| 1 x 2 x 1 | 2 3/8 | 2.167 | 1.335 | 1 1/4 | 2.042 | 1/8 | 4 1/4 | 3 1/8 | 9/16 |
| 1 1/2 x 2 1/2 x 1 1/2 | 3 1/4 | 2.569 | 1.920 | 1 3/8 | 2.444 | 1/8 | 5 | 3 7/8 | 11/16 |
| 2 x 3 x 2 | 3 7/8 | 3.168 | 2.400 | 1 7/16 | 3.043 | 1/8 | 6 | 4 3/4 | 3/4 |
| 3 x 4 x 3 | 5 1/8 | 4.125 | 3.536 | 1 5/8 | 4.000 | 3/16 | 7 1/2 | 6 | 15/16 |
| 4 x 6 x 4 | 6 5/8 | 6.165 | 4.536 | 2 1/4 | 6.040 | 3/16 | 9 | 7 1/2 | 15/16 |
| 6 x 8 x 6 | 8 1/2 | 8.080 | 6.665 | 2 3/8 | 7.956 | 3/16 | 11 | 9 1/2 | 1 |
| 8 x 10 x 8 | 10 3/4 | 10.120 | 8.655 | 2 1/2 | 9.995 | 3/16 | 13 1/2 | 11 3/4 | 1 1/8 |
| 10 x 12 x 10 | 13 | 12.100 | 10.780 | 2 5/8 | 11.975 | 3/16 | 16 | 14 1/4 | 1 3/16 |

Note: All dimensions are in inches.
 Flange size same as inner pipe size (150#).
 Inner pipe Sch. 10-jacket size Sch. 40.
 Also available in 300#.

BACK

FOR AVAILABLE PRODUCTS [CLICK HERE](#)