



# NPS Gasket Dimensions

## New Ansi Class 150 Series B B16.47 Pipe Flanges

### Ring

| NPS & Class | ID      | OD      | # Bolts | Bolt Diameter |
|-------------|---------|---------|---------|---------------|
| 26" 150#    | 26.000" | 28.562" | 36      | 0.750"        |
| 28" 150#    | 28.000" | 30.562" | 40      | 0.750"        |
| 30" 150#    | 30.000" | 32.562" | 44      | 0.750"        |
| 32" 150#    | 32.000" | 34.687" | 48      | 0.750"        |
| 34" 150#    | 34.000" | 36.812" | 40      | 0.875"        |
| 36" 150#    | 36.000" | 38.875" | 44      | 0.875"        |
| 38" 150#    | 38.000" | 41.125" | 40      | 1.000"        |
| 40" 150#    | 40.000" | 43.125" | 44      | 1.000"        |
| 42" 150#    | 42.000" | 45.125" | 48      | 1.000"        |
| 44" 150#    | 44.000" | 47.125" | 52      | 0.875"        |
| 46" 150#    | 46.000" | 49.437" | 40      | 1.125"        |
| 48" 150#    | 48.000" | 51.437" | 44      | 1.125"        |
| 50" 150#    | 50.000" | 53.437" | 48      | 1.125"        |
| 52" 150#    | 52.000" | 55.437" | 52      | 1.125"        |
| 54" 150#    | 54.000" | 57.625" | 56      | 1.125"        |
| 56" 150#    | 56.000" | 59.625" | 60      | 1.125"        |
| 58" 150#    | 58.000" | 62.187" | 48      | 1.250"        |
| 60" 150#    | 60.000" | 64.187" | 52      | 1.250"        |

### Full-Face

| NPS & Class | ID      | OD      | Bolt Holes  | Bolt Circle |
|-------------|---------|---------|-------------|-------------|
| 26" 150#    | 26.000" | 30.937" | (36) 0.875" | 29.312"     |
| 28" 150#    | 28.000" | 32.937" | (40) 0.875" | 31.312"     |
| 30" 150#    | 30.000" | 34.937" | (44) 0.875" | 33.312"     |
| 32" 150#    | 32.000" | 37.062" | (48) 0.875" | 35.437"     |
| 34" 150#    | 34.000" | 39.562" | (40) 1.000" | 37.687"     |
| 36" 150#    | 36.000" | 41.625" | (44) 1.000" | 39.750"     |
| 38" 150#    | 38.000" | 44.250" | (40) 1.125" | 42.120"     |
| 40" 150#    | 40.000" | 46.250" | (44) 1.125" | 44.120"     |
| 42" 150#    | 42.000" | 48.250" | (48) 1.125" | 46.120"     |
| 44" 150#    | 44.000" | 50.250" | (52) 1.125" | 48.120"     |
| 46" 150#    | 46.000" | 52.812" | (40) 1.250" | 50.562"     |
| 48" 150#    | 48.000" | 54.812" | (44) 1.250" | 52.562"     |
| 50" 150#    | 50.000" | 56.812" | (48) 1.250" | 54.562"     |
| 52" 150#    | 52.000" | 58.812" | (52) 1.250" | 56.562"     |
| 54" 150#    | 54.000" | 61.000" | (56) 1.250" | 58.750"     |
| 56" 150#    | 56.000" | 63.000" | (60) 1.250" | 60.750"     |
| 58" 150#    | 58.000" | 65.937" | (48) 1.375" | 63.447"     |
| 60" 150#    | 60.000" | 67.937" | (52) 1.375" | 65.437"     |