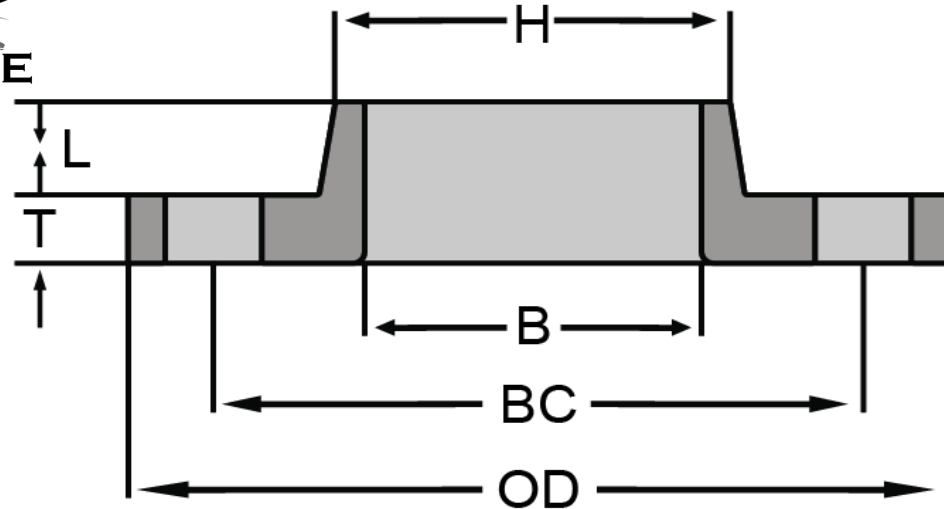




# Forged Steel 150# Lap-Joint Flanges (Slip On Length through Hub)



| Nominal Size | Outside Diameter (OD) | Bore Diameter (B) | No. of Bolt Holes | Diameter Of Holes | Bolt Circle (BC) | Thickness (T) | Hub Length (L) | Hub Diameter (H) | Lap Radius (R) | Weight Each (lbs) |
|--------------|-----------------------|-------------------|-------------------|-------------------|------------------|---------------|----------------|------------------|----------------|-------------------|
| 1            | 4.25                  | 1.38              | 4                 | 0.625             | 3.13             | 0.563         | 0.688          | 1.938            | 0.13           | 2                 |
| 1 1/4        | 4.63                  | 1.72              | 4                 | 0.625             | 3.50             | 0.625         | 0.813          | 2.312            | 0.19           | 3                 |
| 1 1/2        | 5.00                  | 1.97              | 4                 | 0.625             | 3.88             | 0.688         | 0.875          | 2.563            | 0.25           | 3                 |
| 2            | 6.00                  | 2.46              | 4                 | 0.750             | 4.75             | 0.750         | 1.000          | 3.063            | 0.31           | 5                 |
| 2 1/2        | 7.00                  | 2.97              | 4                 | 0.750             | 5.50             | 0.875         | 1.125          | 3.563            | 0.31           | 7                 |
| 3            | 7.50                  | 3.60              | 4                 | 0.750             | 6.00             | 0.938         | 1.188          | 4.250            | 0.38           | 8                 |
| 3 1/2        | 8.50                  | 4.10              | 8                 | 0.750             | 7.00             | 0.938         | 1.250          | 4.812            | 0.38           | 11                |
| 4            | 9.00                  | 4.60              | 8                 | 0.750             | 7.50             | 0.938         | 1.312          | 5.312            | 0.44           | 13                |
| 5            | 10.00                 | 5.69              | 8                 | 0.875             | 8.50             | 0.938         | 1.438          | 6.438            | 0.44           | 15                |
| 6            | 11.00                 | 6.75              | 8                 | 0.875             | 9.50             | 1.000         | 1.562          | 7.562            | 0.50           | 18                |
| 8            | 13.50                 | 8.75              | 8                 | 0.875             | 11.75            | 1.125         | 1.750          | 9.688            | 0.50           | 30                |
| 10           | 16.00                 | 10.92             | 12                | 1.000             | 14.25            | 1.188         | 1.938          | 12.000           | 0.50           | 42                |
| 12           | 19.00                 | 12.92             | 12                | 1.000             | 17.00            | 1.250         | 2.188          | 14.375           | 0.50           | 64                |
| 14           | 21.00                 | 14.19             | 12                | 1.125             | 18.75            | 1.375         | 2.250          | 15.750           | 0.50           | 90                |
| 16           | 23.50                 | 16.19             | 16                | 1.125             | 21.25            | 1.438         | 2.500          | 18.000           | 0.50           | 98                |
| 18           | 25.00                 | 18.20             | 16                | 1.250             | 22.75            | 1.562         | 2.688          | 19.875           | 0.50           | 125               |
| 20           | 27.50                 | 20.25             | 20                | 1.250             | 25.00            | 1.688         | 2.875          | 22.000           | 0.50           | 160               |
| 24           | 32.00                 | 24.25             | 20                | 1.375             | 29.50            | 1.875         | 3.250          | 26.125           | 0.50           | 212               |
| 30**         | 38.75                 | 30.25             | 28                | 1.375             | 36.00            | 2.125         | 3.500          | 32.750           | 0.50           | 305               |
| 36**         | 46.00                 | 36.25             | 32                | 1.625             | 42.75            | 2.375         | 3.750          | 39.250           | 0.50           | 440               |

## DIMENSIONS IN INCHES

### ANSI B16.5 150# SO Drill Pattern

Bore Diameters listed above are stocked by CAB as standard. Larger or special bores are available on application.

Hub lengths shown for 14" - 24" sizes are standard 150# S/O dimension. They do not conform to full ANSI B16.5 Hub Length dimensions which are available on application.

Bores are finished with a lap joint radius

\*\* 30/36" sizes listed are Class 125 (Full Weight) S/O pattern with Lap-Joint ID. Sizes larger than 24" are not covered by ANSI B16.5.