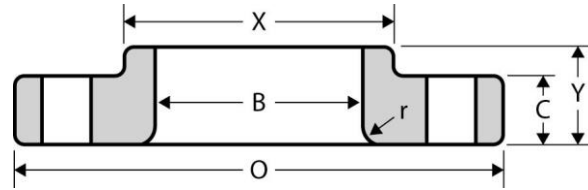




Lap Joint Flange  
**CLASS 150**  
Inches / Pounds



| Nominal Pipe Size | Outside Diam. of Flange (O) | Thick. of Flange (C) | Diam. of Hub at Base (X) | Length thru Hub (Y) | Diam. of Bore (B) | Fillet Radius (r) | No. of Holes | Diam. of Holes | Diam. of Bolts | Diam. of Bolt Circle | Approx. Weight (in Pounds) |
|-------------------|-----------------------------|----------------------|--------------------------|---------------------|-------------------|-------------------|--------------|----------------|----------------|----------------------|----------------------------|
| 1/2               | 3.50                        | 0.44                 | 1.19                     | 0.62                | 0.90              | 0.12              | 4            | 0.62           | 0.50           | 2.38                 | 1                          |
| 3/4               | 3.88                        | 0.50                 | 1.50                     | 0.62                | 1.11              | 0.12              | 4            | 0.62           | 0.50           | 2.75                 | 2                          |
| 1                 | 4.25                        | 0.56                 | 1.94                     | 0.69                | 1.38              | 0.12              | 4            | 0.62           | 0.50           | 3.12                 | 2                          |
| 1 1/4             | 4.62                        | 0.62                 | 2.31                     | 0.81                | 1.72              | 0.19              | 4            | 0.62           | 0.50           | 3.50                 | 3                          |
| 1 1/2             | 5.00                        | 0.69                 | 2.56                     | 0.88                | 1.97              | 0.25              | 4            | 0.62           | 0.50           | 3.88                 | 3                          |
| 2                 | 6.00                        | 0.75                 | 3.06                     | 1.00                | 2.46              | 0.31              | 4            | 0.75           | 0.62           | 4.75                 | 5                          |
| 2 1/2             | 7.00                        | 0.88                 | 3.56                     | 1.12                | 2.97              | 0.31              | 4            | 0.75           | 0.62           | 5.50                 | 7                          |
| 3                 | 7.50                        | 0.94                 | 4.25                     | 1.19                | 3.60              | 0.38              | 4            | 0.75           | 0.62           | 6.00                 | 8                          |
| 3 1/2             | 8.50                        | 0.94                 | 4.81                     | 1.25                | 4.10              | 0.38              | 8            | 0.75           | 0.62           | 7.00                 | 11                         |
| 4                 | 9.00                        | 0.94                 | 5.31                     | 1.31                | 4.60              | 0.44              | 8            | 0.75           | 0.62           | 7.50                 | 13                         |
| 5                 | 10.00                       | 0.94                 | 6.44                     | 1.44                | 5.69              | 0.44              | 8            | 0.88           | 0.75           | 8.50                 | 15                         |
| 6                 | 11.00                       | 1.00                 | 7.56                     | 1.56                | 6.75              | 0.50              | 8            | 0.88           | 0.75           | 9.50                 | 19                         |
| 8                 | 13.50                       | 1.12                 | 9.69                     | 1.75                | 8.75              | 0.50              | 8            | 0.88           | 0.75           | 11.75                | 30                         |
| 10                | 16.00                       | 1.19                 | 12.00                    | 1.94                | 10.92             | 0.50              | 12           | 1.00           | 0.88           | 14.25                | 43                         |
| 12                | 19.00                       | 1.25                 | 14.38                    | 2.19                | 12.92             | 0.50              | 12           | 1.00           | 0.88           | 17.00                | 64                         |
| 14                | 21.00                       | 1.38                 | 15.75                    | 3.12                | 14.18             | 0.50              | 12           | 1.12           | 1.00           | 18.75                | 105                        |
| 16                | 23.50                       | 1.44                 | 18.00                    | 3.44                | 16.19             | 0.50              | 16           | 1.12           | 1.00           | 21.25                | 140                        |
| 18                | 25.00                       | 1.56                 | 19.88                    | 3.81                | 18.20             | 0.50              | 16           | 1.25           | 1.12           | 22.75                | 160                        |
| 20                | 27.50                       | 1.69                 | 22.00                    | 4.06                | 20.25             | 0.50              | 20           | 1.25           | 1.12           | 25.00                | 195                        |
| 24                | 32.00                       | 1.88                 | 26.12                    | 4.38                | 24.25             | 0.50              | 20           | 1.38           | 1.25           | 29.50                | 275                        |

*\* Dimensions conform to ASTM A/SA-105; ASME B16.5*

**CLASS 125 (30" & 36" Industry Std)**

| Nominal Pipe Size | Outside Diam. of Flange (O) | Thick. of Flange (C) | Diam. of Hub at Base (X) | Length thru Hub (Y)** | Diam. of Bore (B) | No. of Holes | Diam. of Holes | Diam. of Bolt Circle | Approx. Weight (in Pounds) |
|-------------------|-----------------------------|----------------------|--------------------------|-----------------------|-------------------|--------------|----------------|----------------------|----------------------------|
| 30                | 38.75                       | 2.13                 | 32.75                    | 3.50**                | 30.25             | 28           | 1.38           | 36.00                | 319                        |
| 36                | 46.00                       | 2.38                 | 39.25                    | 3.75**                | 36.25             | 32           | 1.63           | 42.75                | 401                        |

*\* Dimensions conform to ASTM A/SA-105; ASME B16.1 Class 125*

*\*\* Length thru Hub (Y) Dimension is made to Slip-On Dimension*