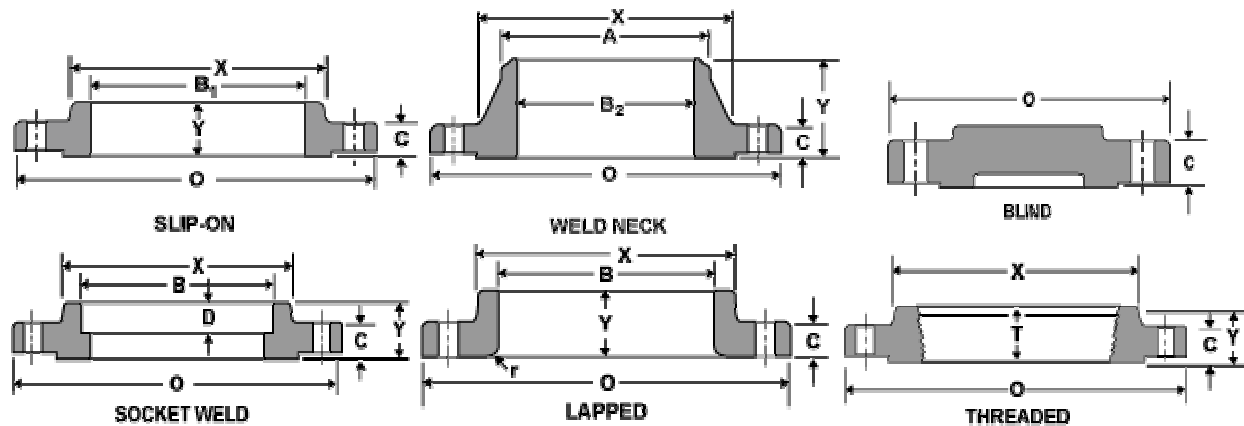




## Class 150 Steel Pipe Flanges

### DIMENSIONAL SPECIFICATION



| Pipe Size | O                          | C                              | X                  | A                     | Y                | Y         | Y         | T                                      | B1               | B                  | B2                      | r                       | D               |
|-----------|----------------------------|--------------------------------|--------------------|-----------------------|------------------|-----------|-----------|--|------------------|--------------------|-------------------------|-------------------------|-----------------|
|           | Outside Diameter of Flange | * Thickness of Flange, Minimum | ** Diameter of Hub | Diameter of Weld neck | Threaded Slip-On | Lap-Joint | Weld Neck | Thread Length Threaded Flange, Minimum | Slip-On, Minimum | Lap-Joint, Minimum | Weld neck / Socket weld | Lap-Joint Flange Radius | Depth of Socket |

|       |       |      |       |       |      |      |      |      |       |       |       |      |      |
|-------|-------|------|-------|-------|------|------|------|------|-------|-------|-------|------|------|
| 1/2   | 3.50  | 0.44 | 1.19  | 0.84  | 0.62 | 0.62 | 1.88 | 0.62 | 0.88  | 0.90  | 0.62  | 0.12 | 0.38 |
| 3/4   | 3.88  | 0.50 | 1.50  | 1.05  | 0.62 | 0.62 | 2.06 | 0.62 | 1.09  | 1.11  | 0.82  | 0.12 | 0.44 |
| 1     | 4.25  | 0.56 | 1.94  | 1.32  | 0.69 | 0.69 | 2.19 | 0.69 | 1.36  | 1.38  | 1.05  | 0.12 | 0.50 |
| 1 1/4 | 4.62  | 0.62 | 2.31  | 1.66  | 0.81 | 0.81 | 2.25 | 0.81 | 1.70  | 1.72  | 1.38  | 0.19 | 0.56 |
| 1 1/2 | 5.00  | 0.69 | 2.56  | 1.90  | 0.88 | 0.88 | 2.44 | 0.88 | 1.95  | 1.97  | 1.61  | 0.25 | 0.62 |
| 2     | 6.00  | 0.75 | 3.06  | 2.38  | 1.00 | 1.00 | 2.50 | 1.00 | 2.44  | 2.46  | 2.07  | 0.31 | 0.69 |
| 2 1/2 | 7.00  | 0.88 | 3.56  | 2.88  | 1.12 | 1.12 | 2.75 | 1.12 | 2.94  | 2.97  | 2.47  | 0.31 | 0.75 |
| 3     | 7.50  | 0.94 | 4.25  | 3.50  | 1.19 | 1.19 | 2.75 | 1.19 | 3.57  | 3.60  | 3.07  | 0.38 | 0.81 |
| 3 1/2 | 8.50  | 0.94 | 4.81  | 4.00  | 1.25 | 1.25 | 2.81 | 1.25 | 4.07  | 4.10  | 3.55  | 0.38 | ...  |
| 4     | 9.00  | 0.94 | 5.31  | 4.50  | 1.31 | 1.31 | 3.00 | 1.31 | 4.57  | 4.60  | 4.03  | 0.44 | ...  |
| 5     | 10.00 | 0.94 | 6.44  | 5.56  | 1.44 | 1.44 | 3.50 | 1.44 | 5.66  | 5.69  | 5.05  | 0.44 | ...  |
| 6     | 11.00 | 1.00 | 7.56  | 6.63  | 1.56 | 1.56 | 3.50 | 1.56 | 6.72  | 6.75  | 6.07  | 0.50 | ...  |
| 8     | 13.50 | 1.12 | 9.69  | 8.63  | 1.75 | 1.75 | 4.00 | 1.75 | 8.72  | 8.75  | 7.98  | 0.50 | ...  |
| 10    | 16.00 | 1.19 | 12.00 | 10.75 | 1.94 | 1.94 | 4.00 | 1.94 | 10.88 | 10.92 | 10.02 | 0.50 | ...  |
| 12    | 19.00 | 1.25 | 14.38 | 12.75 | 2.19 | 2.19 | 4.50 | 2.19 | 12.88 | 12.92 | 12.00 | 0.50 | ...  |
| 14    | 21.00 | 1.38 | 15.75 | 14.00 | 2.25 | 3.12 | 5.00 | 2.25 | 14.14 | 14.18 | 13.25 | 0.50 | ...  |
| 16    | 23.50 | 1.44 | 18.00 | 16.00 | 2.50 | 3.44 | 5.00 | 2.50 | 16.16 | 16.19 | 15.25 | 0.50 | ...  |
| 18    | 25.00 | 1.56 | 19.88 | 18.00 | 2.69 | 3.81 | 5.50 | 2.69 | 18.18 | 18.20 | 17.25 | 0.50 | ...  |
| 20    | 27.50 | 1.69 | 22.00 | 20.00 | 2.88 | 4.06 | 5.69 | 2.88 | 20.20 | 20.25 | 19.25 | 0.50 | ...  |
| 24    | 32.00 | 1.88 | 26.12 | 24.00 | 3.25 | 4.38 | 6.00 | 3.25 | 24.25 | 24.25 | 23.25 | 0.50 | ...  |

- All dimensions are in inches