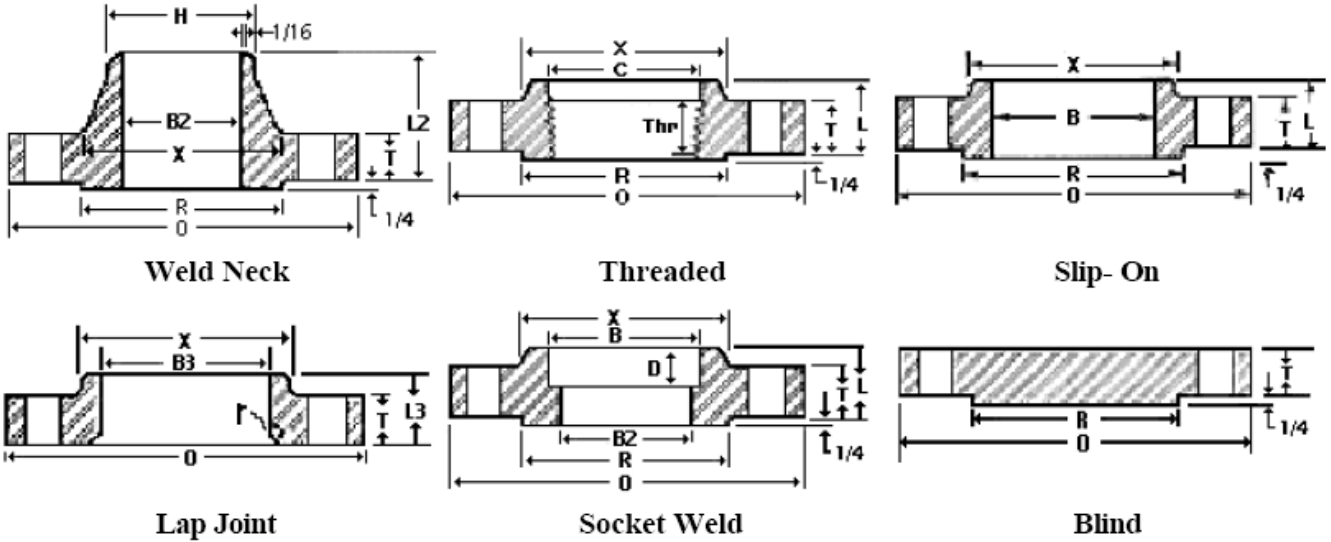


ANSI B16.5 Class 1500 Flanges



| Nom. Pipe Size | O | T1 | R | X | No.2& Dia. of Holes | Bolt Circle Dia. | L21 | H | B2 | L | B | r | L3 | D | B3 | THr |
|----------------|-------|------|-------|-------|---------------------|------------------|-------|-------|-------------------------------|------|-------|------|-------|------|-------|------|
| 1/2 | 4.75 | 0.88 | 1.38 | 1.50 | 4-0.88 | 3.25 | 2.38 | 0.84 | To be specified by purchaser. | 1.25 | 0.88 | 0.13 | 1.25 | 0.38 | 0.90 | 0.88 |
| 3/4 | 5.13 | 1.00 | 1.69 | 1.75 | 4-0.88 | 3.50 | 2.75 | 1.05 | | 1.38 | 1.09 | 0.13 | 1.38 | 0.44 | 1.11 | 1.00 |
| 1 | 5.88 | 1.13 | 2.00 | 2.06 | 4-1.00 | 4.00 | 2.88 | 1.32 | | 1.63 | 1.36 | 0.13 | 1.63 | 0.50 | 1.38 | 1.13 |
| 1-1/4 | 6.25 | 1.13 | 2.50 | 2.50 | 4-1.00 | 4.38 | 2.88 | 1.66 | | 1.63 | 1.70 | 0.19 | 1.63 | 0.56 | 1.72 | 1.19 |
| 1-1/2 | 7.00 | 1.25 | 2.88 | 2.75 | 4-1.13 | 4.88 | 3.25 | 1.90 | | 1.75 | 1.95 | 0.25 | 1.75 | 0.63 | 1.97 | 1.25 |
| 2 | 8.50 | 1.50 | 3.63 | 4.13 | 8-1.00 | 6.50 | 4.00 | 2.38 | | 2.25 | 2.44 | 0.31 | 2.25 | 0.69 | 2.46 | 1.50 |
| 2-1/2 | 9.63 | 1.63 | 4.13 | 4.88 | 8-1.13 | 7.50 | 4.13 | 2.88 | | 2.50 | 2.94 | 0.31 | 2.50 | 0.75 | 2.97 | 1.88 |
| 3 | 10.50 | 1.88 | 5.00 | 5.25 | 8-1.25 | 8.00 | 4.63 | 3.50 | | 2.88 | 3.57 | 0.38 | 2.88 | -- | 3.60 | 2.00 |
| 4 | 12.25 | 2.13 | 6.19 | 6.38 | 8-1.38 | 9.50 | 4.88 | 4.50 | | 3.56 | 4.57 | 0.44 | 3.56 | -- | 4.60 | 2.25 |
| 5 | 14.75 | 2.88 | 7.31 | 7.75 | 8-1.63 | 11.50 | 6.13 | 5.56 | | 4.13 | 5.66 | 0.44 | 4.13 | -- | 5.69 | 2.50 |
| 6 | 15.50 | 3.25 | 8.50 | 9.00 | 12-1.50 | 12.50 | 6.75 | 6.63 | | 4.69 | 6.72 | 0.50 | 4.69 | -- | 6.75 | 2.75 |
| 8 | 19.00 | 3.63 | 10.63 | 11.50 | 12-1.75 | 15.50 | 8.38 | 8.63 | | 5.63 | 8.72 | 0.50 | 5.63 | -- | 8.75 | 3.00 |
| 10 | 23.00 | 4.25 | 12.75 | 14.50 | 12-2.00 | 19.00 | 10.00 | 10.75 | | 6.25 | 10.88 | 0.50 | 7.00 | -- | 10.92 | 3.31 |
| 12 | 26.50 | 4.88 | 15.00 | 17.75 | 16-2.13 | 22.50 | 11.13 | 12.75 | | 7.13 | 12.88 | 0.50 | 8.63 | -- | 12.92 | 3.63 |
| 14 | 29.50 | 5.25 | 16.25 | 19.50 | 16-2.38 | 25.00 | 11.75 | 14.00 | | -- | -- | 0.50 | 9.50 | -- | 14.18 | -- |
| 16 | 32.50 | 5.75 | 18.50 | 21.75 | 16-2.63 | 27.75 | 12.25 | 16.00 | | -- | -- | 0.50 | 10.25 | -- | 16.19 | -- |
| 18 | 36.00 | 6.38 | 21.00 | 23.50 | 16-2.88 | 30.50 | 12.88 | 18.00 | | -- | -- | 0.50 | 10.88 | -- | 18.20 | -- |
| 20 | 38.75 | 7.00 | 23.00 | 25.25 | 16-3.13 | 32.75 | 14.00 | 20.00 | | -- | -- | 0.50 | 11.50 | -- | 20.25 | -- |
| 24 | 46.00 | 8.00 | 27.25 | 30.00 | 16-3.63 | 39.00 | 16.00 | 24.00 | | -- | -- | 0.50 | 13.00 | -- | 24.25 | -- |

Dimensions in inches.

- 1/4 in. raised face not included in dimensions T, L and L2.
- Bolt hole diameter 1/8 in. larger than bolt diameter.