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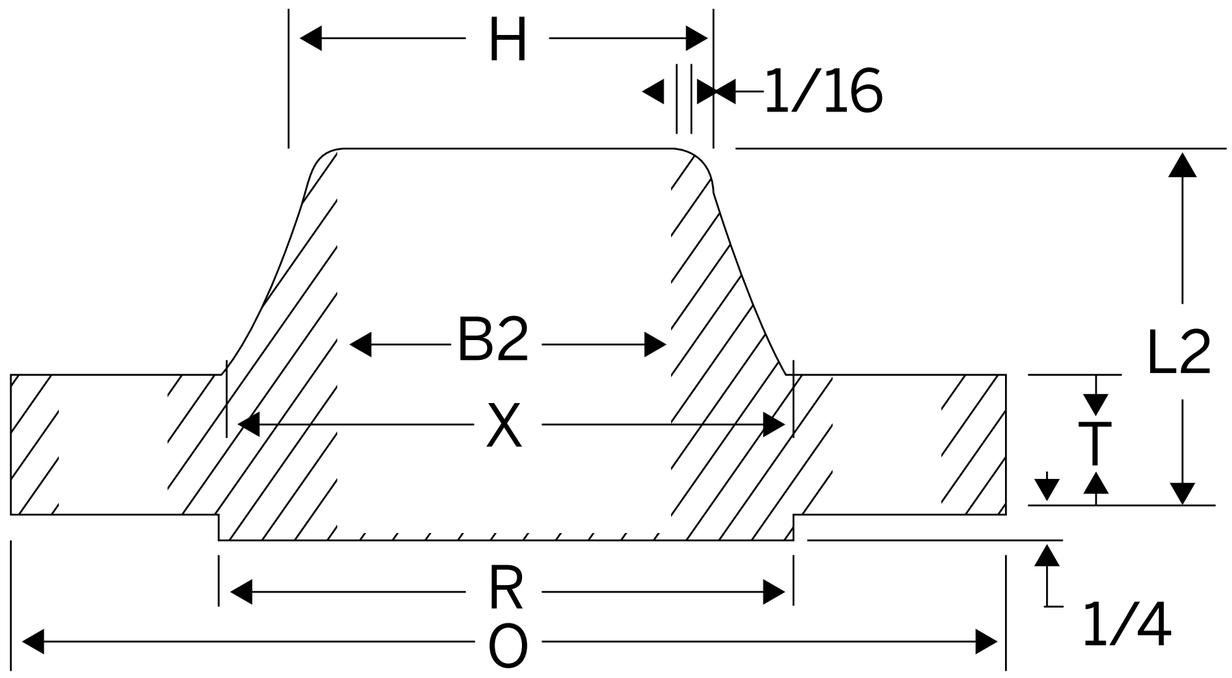
# FORGED FLANGES A105 WELDING NECK ANSI B16.5 CLASS 600




| Nom. Pipe Size | O | $T_1$ | R | X | Nº and Dia. Of Bolt Holes | Bolt Circle Dia. | $L2_1$ | H | $B_2$ |
|---|---|---|---|---|---|---|---|---|---|
| 1/2" | 3.75 | 0.56 | 1.38 | 1.5 | 4-0.62 | 2.62 | 2.06 | 0.84 | To Be Specified by purchaser |
| 3/4" | 4.62 | 0.62 | 1.69 | 1.88 | 4-0.75 | 3.25 | 2.25 | 1.05 | |
| 1" | 4.88 | 0.69 | 2 | 2.12 | 4-0.75 | 3.5 | 2.44 | 1.32 | |
| 1 1/4" | 5.25 | 0.81 | 2.5 | 2.5 | 4-0.75 | 3.88 | 2.62 | 1.66 | |
| 1 1/2" | 6.12 | 0.88 | 2.88 | 2.75 | 4-0.88 | 4.5 | 2.75 | 1.9 | |
| 2" | 6.5 | 1 | 3.62 | 3.31 | 8-0.75 | 5 | 2.88 | 2.38 | |
| 2 1/2" | 7.5 | 1.12 | 4.12 | 3.94 | 8-0.88 | 5.88 | 3.12 | 2.88 | |
| 3" | 8.25 | 1.25 | 5 | 4.62 | 8-0.88 | 6.62 | 3.25 | 3.5 | |
| 3 1/2" | 9 | 1.38 | 5.5 | 5.25 | 8-1.00 | 7.25 | 3.38 | 4 | |
| 4" | 10.75 | 1.5 | 6.19 | 6 | 8-1.00 | 8.5 | 4 | 4.5 | |
| 5" | 13 | 1.75 | 7.31 | 7.44 | 8-1.12 | 10.5 | 4.5 | 5.56 | |
| 6" | 14 | 1.88 | 8.5 | 8.75 | 12-1.12 | 11.5 | 4.62 | 6.63 | |
| 8" | 16.5 | 2.19 | 10.62 | 10.75 | 12-1.25 | 13.75 | 5.25 | 8.63 | |
| 10" | 20 | 2.5 | 12.75 | 13.5 | 16-1.38 | 17 | 6 | 10.75 | |
| 12" | 22 | 2.62 | 15 | 15.75 | 20-1.38 | 19.25 | 6.12 | 12.75 | |
| 14" | 23.75 | 2.75 | 16.25 | 17 | 20-1.50 | 20.75 | 6.5 | 14 | |
| 16" | 27 | 3 | 18.5 | 19.5 | 20-1.62 | 23.75 | 7 | 16 | |
| 18" | 29.25 | 3.25 | 21 | 21.5 | 20-1.75 | 25.75 | 7.25 | 18 | |
| 20" | 1455 | 3.5 | 23 | 24 | 24-1.75 | 28.5 | 7.5 | 20 | |
| 22" | 34.25 | 3.75 | 25.25 | 26.25 | 24-1.75 | 30.63 | 7.75 | 22 | |
| 24" | 37 | 4 | 27.25 | 28.25 | 24-2.00 | 33 | 8 | 24 | |

Dimensions in inches.

Sizes NPS 1/2 through 3-1/2 are same as Class 400 flanges.

1 - 1/4 in. raised facenot included in dimensions T, L and L2.

2- Bolt hole diameter 1/8 in. larger than bolt diameter.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