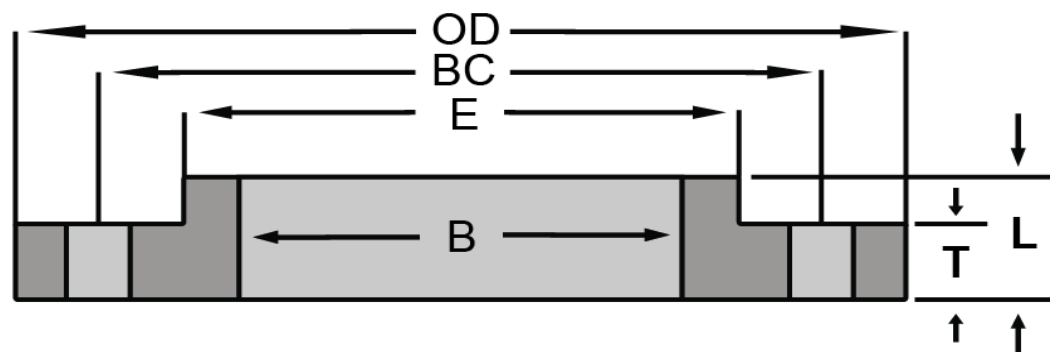




## ANSI B 16.1 CLASS 125 Slip On Flanges



| Nominal Size | Outside Diameter (OD) | Thickness (T) | Diameter at Base (E) | Bore (B) | LTH (L) | Drilling         |               | No. of Holes | Weight (lbs) |
|--------------|-----------------------|---------------|----------------------|----------|---------|------------------|---------------|--------------|--------------|
|              |                       |               |                      |          |         | Bolt Circle (BC) | Hole Diameter |              |              |
| 26           | 34.25                 | 2             | 28.5                 | 26.19    | 3.375   | 31.75            | 1.375         | 24           | 235          |
| 28           | 36.5                  | 2.062         | 30.75                | 28.19    | 3.438   | 34               | 1.375         | 28           | 269          |
| 30           | 38.75                 | 2.125         | 32.75                | 30.19    | 3.5     | 36               | 1.375         | 28           | 303          |
| 32           | 41.75                 | 2.25          | 35                   | 32.19    | 3.625   | 38.5             | 1.625         | 28           | 375          |
| 34           | 43.75                 | 2.312         | 37                   | 34.19    | 3.688   | 40.5             | 1.625         | 32           | 401          |
| 36           | 46                    | 2.375         | 39.25                | 36.19    | 3.75    | 42.75            | 1.625         | 32           | 452          |
| 38           | 48.75                 | 2.375         | 41.75                | 38.19    | 3.75    | 45.25            | 1.625         | 32           | 528          |
| 40           | 50.75                 | 2.5           | 43.75                | 40.19    | 3.875   | 47.25            | 1.625         | 36           | 573          |
| 42           | 53                    | 2.625         | 46                   | 42.19    | 4       | 49.5             | 1.625         | 36           | 648          |
| 44           | 55.25                 | 2.625         | 48                   | 44.19    | 4       | 51.75            | 1.625         | 40           | 688          |
| 46           | 57.25                 | 2.688         | 50                   | 46.19    | 4.062   | 53.75            | 1.625         | 40           | 733          |
| 48           | 59.5                  | 2.75          | 52.25                | 48.19    | 4.125   | 56               | 1.625         | 44           | 799          |
| 50           | 61.75                 | 2.75          | 54.25                | 50.19    | 4.125   | 58.25            | 1.875         | 44           | 827          |
| 52           | 64                    | 2.875         | 56.5                 | 52.19    | 4.25    | 60.5             | 1.875         | 44           | 922          |
| 54           | 66.25                 | 3             | 58.75                | 54.19    | 4.375   | 62.75            | 1.875         | 44           | 1024         |
| 60           | 73                    | 3.125         | 65.25                | 60.19    | 4.5     | 69.25            | 1.875         | 52           | 1253         |
| 66           | 80                    | 3.375         | 71.5                 | 66.19    | 4.875   | 76               | 1.875         | 52           | 1623         |
| 72           | 86.5                  | 3.5           | 78.5                 | 72.19    | 5       | 82.5             | 1.875         | 60           | 1922         |
| 78           | 93                    | 3.875         | 84.5                 | 78.19    | 5.375   | 89               | 2.125         | 64           | 2279         |
| 84           | 99.75                 | 3.875         | 90.5                 | 84.19    | 5.375   | 95.5             | 2.125         | 64           | 2586         |
| 90           | 106.5                 | 4.25          | 96.75                | 90.19    | 5.75    | 102              | 2.438         | 68           | 3061         |
| 96           | 113.25                | 4.25          | 102.75               | 96.19    | 5.75    | 108.5            | 2.438         | 68           | 3432         |

Dimensions are in inches.

ANSI B16.1 is a gray iron pipe flange and fitting specification.

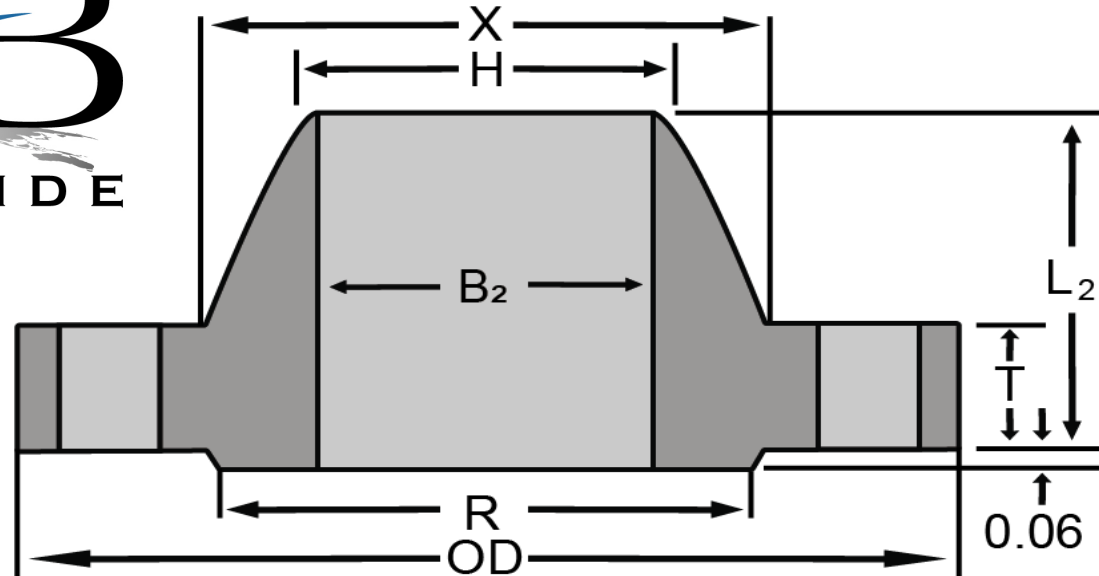
Steel flanges are occasionally produced to mate up with Class 125 and Class 250 valves.

These flange dimensions are provided for reference even though specification does not cover steel.

These flanges are typically supplied with a flat face.



# ANSI B 16.1 CLASS 125 Weldneck Flanges



| Nominal Size | Outside Diameter (OD) | Thickness (T) | Raised Face Dia. (R) | Diameter at Base (X) | Bore (B <sub>2</sub> )       | Diameter Bevel (H) | LTH (L <sub>2</sub> ) | Drilling    |               |              | Weight (lbs) |
|--------------|-----------------------|---------------|----------------------|----------------------|------------------------------|--------------------|-----------------------|-------------|---------------|--------------|--------------|
|              |                       |               |                      |                      |                              |                    |                       | Bolt Circle | Hole Diameter | No. of Holes |              |
| 26           | 34.25                 | 2             | 29.5                 | 28.5                 | To Be Specified By Purchaser | 26                 | 5                     | 31.75       | 1.38          | 24           | 265          |
| 28           | 36.5                  | 2.06          | 31.5                 | 30.75                |                              | 28                 | 5.06                  | 34          | 1.38          | 28           | 295          |
| 30           | 38.75                 | 2.13          | 33.75                | 32.75                |                              | 30                 | 5.13                  | 36          | 1.38          | 28           | 340          |
| 32           | 41.75                 | 2.25          | 36                   | 35                   |                              | 32                 | 5.25                  | 38.5        | 1.63          | 28           | 410          |
| 34           | 43.75                 | 2.31          | 38                   | 37                   |                              | 34                 | 5.31                  | 40.5        | 1.63          | 32           | 440          |
| 36           | 46                    | 2.38          | 40.25                | 39.25                |                              | 36                 | 5.38                  | 42.75       | 1.63          | 32           | 495          |
| 38           | 48.75                 | 2.38          | 42.25                | 41.75                |                              | 38                 | 5.38                  | 45.25       | 1.63          | 32           | 570          |
| 40           | 50.75                 | 2.5           | 44.25                | 43.75                |                              | 40                 | 5.5                   | 47.25       | 1.63          | 36           | 620          |
| 42           | 53                    | 2.63          | 47                   | 46                   |                              | 42                 | 5.63                  | 49.5        | 1.63          | 36           | 710          |
| 44           | 55.25                 | 2.63          | 49                   | 48                   |                              | 44                 | 5.63                  | 51.75       | 1.63          | 40           | 750          |
| 46           | 57.25                 | 2.69          | 51                   | 50                   |                              | 46                 | 5.68                  | 53.75       | 1.63          | 40           | 800          |
| 48           | 59.5                  | 2.75          | 53.5                 | 52.25                |                              | 48                 | 5.75                  | 56          | 1.63          | 44           | 870          |
| 50           | 61.75                 | 2.75          | 55.5                 | 54.25                |                              | 50                 | 5.75                  | 58.25       | 1.88          | 44           | 900          |
| 52           | 64                    | 2.88          | 57.5                 | 56.5                 |                              | 52                 | 5.88                  | 60.5        | 1.88          | 44           | 1000         |
| 54           | 66.25                 | 3             | 59.75                | 58.75                |                              | 54                 | 6                     | 62.75       | 1.88          | 44           | 1100         |
| 60           | 73                    | 3.13          | 66                   | 65.25                |                              | 60                 | 6.13                  | 69.25       | 1.88          | 52           | 1350         |
| 66           | 80                    | 3.38          | -                    | 71.5                 |                              | 66                 | 6.38                  | 76          | 1.88          | 52           | 1775         |
| 72           | 86.5                  | 3.5           | -                    | 78.5                 |                              | 72                 | 6.5                   | 82.5        | 1.88          | 60           | 2100         |
| 84           | 99.75                 | 3.88          | -                    | 90.5                 |                              | 84                 | 6.88                  | 95.5        | 2.13          | 64           | 2825         |
| 96           | 113.25                | 4.25          | -                    | 102.75               |                              | 96                 | 7.25                  | 108.5       | 2.44          | 68           | 3800         |

Dimensions are in inches.

ANSI B16.1 is a gray iron pipe flange and fitting specification.

Steel flanges are occasionally produced to mate up with Class 125 and Class 250 valves

These flange dimensions are provided for reference even though specification does not cover steel.

These flanges are typically supplied with a flat face.