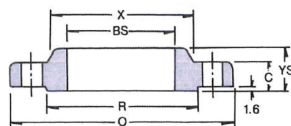




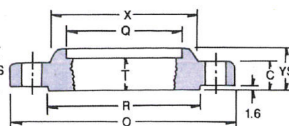
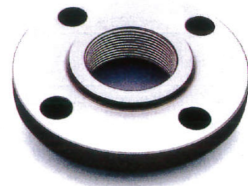
# ANSI FLANGE 300 LB.

## ANSI B16.5 FORGED FLANGES

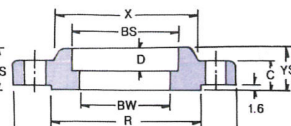
SLIP-ON



SCREWED



SOCKET WELDING



(Dimensions in mm)

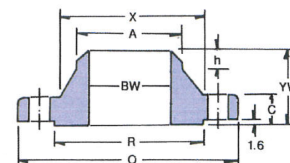
| Nominal Size (B) | O     | C    | X     | R     | A     | YS    | YW    | YL    | BS    | BW    | BL    |
|------------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1/2              | 95.3  | 14.3 | 38.1  | 34.9  | 21.3  | 22.2  | 52.4  | 22.2  | 22.4  | 15.7  | 22.9  |
| 3/4              | 117.5 | 15.9 | 47.6  | 42.9  | 26.7  | 25.4  | 57.2  | 25.4  | 27.7  | 20.8  | 28.2  |
| 1                | 123.8 | 17.5 | 54.0  | 50.8  | 33.5  | 27.0  | 61.9  | 27.0  | 34.5  | 26.7  | 35.1  |
| 1 1/4            | 133.4 | 19.1 | 63.5  | 63.5  | 42.2  | 27.0  | 65.1  | 27.0  | 43.2  | 35.1  | 43.7  |
| 1 1/2            | 155.6 | 20.7 | 69.9  | 73.0  | 48.3  | 30.2  | 68.3  | 30.2  | 49.5  | 40.9  | 50.0  |
| 2                | 165.1 | 22.3 | 84.1  | 92.1  | 60.5  | 33.3  | 69.9  | 33.3  | 62.0  | 52.6  | 62.5  |
| 2 1/2            | 190.5 | 25.4 | 100.0 | 104.8 | 73.2  | 38.1  | 76.2  | 38.1  | 74.7  | 62.7  | 75.4  |
| 3                | 209.6 | 28.6 | 117.5 | 127.0 | 88.9  | 42.9  | 79.4  | 42.9  | 90.7  | 78.0  | 91.4  |
| 3 1/2            | 228.6 | 30.2 | 133.4 | 139.7 | 101.6 | 44.5  | 81.0  | 44.5  | 103.4 | 90.2  | 104.1 |
| 4                | 254.0 | 31.8 | 146.1 | 157.2 | 114.3 | 47.6  | 85.7  | 47.6  | 116.1 | 102.4 | 116.8 |
| 5                | 279.4 | 35.0 | 177.8 | 185.7 | 141.2 | 50.8  | 98.4  | 50.8  | 143.8 | 128.3 | 144.5 |
| 6                | 317.5 | 36.6 | 206.4 | 215.9 | 168.4 | 52.4  | 98.4  | 52.4  | 170.7 | 154.2 | 171.5 |
| 8                | 381.0 | 41.3 | 260.4 | 269.9 | 219.2 | 61.9  | 111.1 | 61.9  | 221.5 | 202.7 | 222.3 |
| 10               | 444.5 | 47.7 | 320.7 | 323.9 | 273.1 | 66.7  | 117.5 | 66.7  | 276.4 | 254.5 | 277.4 |
| 12               | 520.7 | 50.8 | 374.7 | 381.0 | 323.9 | 73.0  | 130.2 | 73.0  | 327.2 | 304.8 | 328.2 |
| 14               | 584.2 | 54.0 | 425.5 | 412.8 | 355.6 | 76.2  | 142.9 | 111.0 | 359.2 | 336.6 | 360.2 |
| 16               | 647.7 | 57.2 | 482.6 | 469.9 | 406.4 | 82.6  | 146.1 | 120.7 | 410.5 | 387.4 | 411.2 |
| 18               | 711.2 | 60.4 | 533.4 | 533.4 | 457.2 | 88.9  | 158.8 | 130.2 | 461.8 | 438.2 | 462.3 |
| 20               | 774.7 | 63.5 | 587.4 | 584.2 | 508.0 | 95.3  | 161.9 | 139.7 | 513.1 | 489.0 | 514.4 |
| 24               | 914.4 | 69.9 | 701.7 | 692.2 | 609.6 | 106.4 | 168.3 | 152.4 | 616.0 | 590.6 | 616.0 |

# ANSI FLANGE 300 LB.

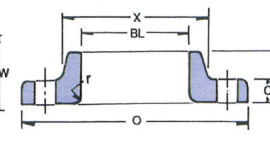
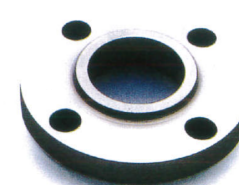


## ANSI B16.5 FORGED FLANGES

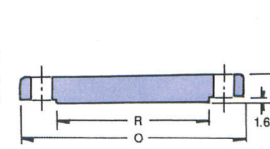
WELDING NECK



LAP JOINT



BLIND



(Dimensions in mm)

| h  | r    | T    | D    | Diameter of Bolt Circle | Number of Bolts | Diameter of Bolts | Diameter of Bolt Holes | Q     | kg / pc |       |       | Nominal Size (B) |
|----|------|------|------|-------------------------|-----------------|-------------------|------------------------|-------|---------|-------|-------|------------------|
|    |      |      |      |                         |                 |                   |                        |       | SO      | WN    | BL    |                  |
| 9  | 3.2  | 15.9 | 9.5  | 66.7                    | 4               | 1/2               | 15.9                   | 23.6  | 0.6     | 0.8   | 0.9   | 1/2              |
| 9  | 3.2  | 15.9 | 11.1 | 82.6                    | 4               | 5/8               | 19.1                   | 29.0  | 1.1     | 1.3   | 1.4   | 3/4              |
| 9  | 3.2  | 17.5 | 12.7 | 88.9                    | 4               | 5/8               | 19.1                   | 35.8  | 1.4     | 1.7   | 1.6   | 1                |
| 9  | 4.8  | 20.6 | 14.3 | 98.4                    | 4               | 5/8               | 19.1                   | 44.5  | 1.7     | 2.1   | 2.0   | 1 1/4            |
| 9  | 6.4  | 22.2 | 15.9 | 114.3                   | 4               | 3/4               | 22.2                   | 50.5  | 2.5     | 3.0   | 2.7   | 1 1/2            |
| 9  | 7.9  | 28.6 | 17.5 | 127.0                   | 8               | 5/8               | 19.1                   | 63.5  | 3.3     | 3.6   | 3.6   | 2                |
| 12 | 7.9  | 31.8 | 19.1 | 149.2                   | 8               | 3/4               | 22.2                   | 76.2  | 4.2     | 5.3   | 5.4   | 2 1/2            |
| 12 | 9.5  | 31.8 | 20.6 | 168.3                   | 8               | 3/4               | 22.2                   | 92.2  | 5.9     | 7.2   | 7.3   | 3                |
| 12 | 9.5  | 36.5 | —    | 184.2                   | 8               | 3/4               | 22.2                   | 104.9 | 7.4     | 9.2   | 10.0  | 3 1/2            |
| 14 | 11.1 | 36.5 | —    | 200.0                   | 8               | 3/4               | 22.2                   | 117.6 | 9.7     | 11.9  | 12.3  | 4                |
| 18 | 11.1 | 42.9 | —    | 235.0                   | 8               | 3/4               | 22.2                   | 144.5 | 13.2    | 16.4  | 16.8  | 5                |
| 18 | 12.7 | 46.0 | —    | 269.9                   | 12              | 3/4               | 22.2                   | 171.5 | 15.9    | 20.8  | 22.7  | 6                |
| 20 | 12.7 | 50.8 | —    | 330.2                   | 12              | 7/8               | 25.4                   | 222.3 | 24.7    | 32.2  | 36.7  | 8                |
| 20 | 12.7 | 55.6 | —    | 387.4                   | 16              | 1                 | 28.6                   | 276.4 | 35.7    | 46.6  | 56.7  | 10               |
| 25 | 12.7 | 60.3 | —    | 450.9                   | 16              | 1 1/8             | 31.8                   | 328.7 | 51.6    | 69.0  | 83.9  | 12               |
| 25 | 12.7 | 63.5 | —    | 514.4                   | 20              | 1 1/8             | 31.8                   | 360.4 | 69.8    | 93.4  | 113.4 | 14               |
| 25 | 12.7 | 68.3 | —    | 571.5                   | 20              | 1 1/4             | 34.9                   | 411.2 | 87.6    | 119.6 | 133.8 | 16               |
| 30 | 12.7 | 69.9 | —    | 628.7                   | 24              | 1 1/4             | 34.9                   | 462.0 | 108.7   | 150.5 | 179.2 | 18               |
| 30 | 12.7 | 73.0 | —    | 685.8                   | 24              | 1 1/4             | 34.9                   | 512.8 | 134.5   | 184.4 | 229.1 | 20               |
| 30 | 12.7 | 82.6 | —    | 812.8                   | 24              | 1 1/2             | 41.3                   | 614.4 | 203.0   | 274.7 | 358.3 | 24               |