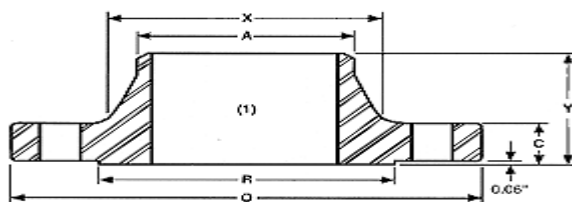


## CLASS 600

## WELDING NECK FLANGES



| Nominal size |        | Outside diam. of flange | Thick. of flange | Diam. of raised face | Diam of hub at base | Diam. of hub at point of welding | Length thru hub | No. of holes | Diam. of holes | Diam. of bolts | Diam. of bolt circle | Approx. weight pounds Kg |
|--------------|--------|-------------------------|------------------|----------------------|---------------------|----------------------------------|-----------------|--------------|----------------|----------------|----------------------|--------------------------|
|              |        | O                       | C                | R                    | X                   | A                                | Y               |              |                |                |                      |                          |
| in.          | 1/2"   | 3.75                    | 0.56             | 1.38                 | 1.50                | 0.84                             | 2.06            | 4            | 0.62           | 1/2            | 2.62                 | 2                        |
| mm.          |        | 95.3                    | 14.2             | 35.1                 | 38.1                | 21.3                             | 52.3            |              | 15.7           | 12.7           | 66.5                 | 1                        |
| in.          | 3/4"   | 4.62                    | 0.62             | 1.69                 | 1.88                | 1.05                             | 2.25            | 4            | 0.75           | 5/8            | 3.25                 | 4                        |
| mm.          |        | 117.3                   | 15.7             | 42.9                 | 47.8                | 26.7                             | 57.2            |              | 19.1           | 15.9           | 82.6                 | 2                        |
| in.          | 1"     | 4.88                    | 0.69             | 2.00                 | 2.12                | 1.32                             | 2.44            | 4            | 0.75           | 5/8            | 3.50                 | 4                        |
| mm.          |        | 124.0                   | 17.5             | 50.8                 | 53.8                | 33.5                             | 62.0            |              | 19.1           | 15.9           | 88.9                 | 2                        |
| in.          | 1 1/4" | 5.25                    | 0.81             | 2.50                 | 2.50                | 1.66                             | 2.62            | 4            | 0.75           | 5/8            | 3.88                 | 6                        |
| mm.          |        | 133.4                   | 20.6             | 63.5                 | 63.5                | 42.2                             | 66.5            |              | 19.1           | 15.9           | 98.6                 | 3                        |
| in.          | 1 1/2" | 6.12                    | 0.88             | 2.88                 | 2.75                | 1.90                             | 2.75            | 4            | 0.88           | 3/4            | 4.50                 | 8                        |
| mm.          |        | 155.4                   | 22.4             | 73.2                 | 69.9                | 48.3                             | 69.9            |              | 22.4           | 19.1           | 114.3                | 4                        |
| in.          | 2"     | 6.50                    | 1.00             | 3.62                 | 3.31                | 2.38                             | 2.88            | 8            | 0.75           | 5/8            | 5.00                 | 12                       |
| mm.          |        | 165.1                   | 25.4             | 91.9                 | 84.1                | 60.5                             | 73.2            |              | 19.1           | 15.9           | 127.0                | 5                        |
| in.          | 2 1/2" | 7.50                    | 1.12             | 4.12                 | 3.94                | 2.88                             | 3.12            | 8            | 0.88           | 3/4            | 5.88                 | 18                       |
| mm.          |        | 190.5                   | 28.4             | 104.6                | 100.1               | 73.2                             | 79.2            |              | 22.4           | 19.1           | 149.4                | 8                        |
| in.          | 3"     | 8.25                    | 1.25             | 5.00                 | 4.62                | 3.50                             | 3.25            | 8            | 0.88           | 3/4            | 6.62                 | 23                       |
| mm.          |        | 209.6                   | 31.8             | 127.0                | 117.3               | 88.9                             | 82.6            |              | 22.4           | 19.1           | 168.1                | 10                       |
| in.          | 3 1/2" | 9.00                    | 1.38             | 5.50                 | 5.25                | 4.00                             | 3.38            | 8            | 1.00           | 7/8            | 7.25                 | 26                       |
| mm.          |        | 228.6                   | 35.1             | 139.7                | 133.4               | 101.6                            | 85.9            |              | 25.4           | 22.2           | 184.2                | 12                       |
| in.          | 4"     | 10.75                   | 1.50             | 6.19                 | 6.00                | 4.50                             | 4.00            | 8            | 1.00           | 7/8            | 8.50                 | 42                       |
| mm.          |        | 273.1                   | 38.1             | 157.2                | 152.4               | 114.3                            | 101.6           |              | 25.4           | 22.2           | 215.9                | 19                       |
| in.          | 5"     | 13.00                   | 1.75             | 7.31                 | 7.44                | 5.56                             | 4.50            | 8            | 1.12           | 1              | 10.50                | 68                       |
| mm.          |        | 330.2                   | 44.5             | 185.7                | 189.0               | 141.2                            | 114.3           |              | 28.4           | 25.4           | 266.7                | 31                       |
| in.          | 6"     | 14.00                   | 1.88             | 8.50                 | 8.75                | 6.63                             | 4.62            | 12           | 1.12           | 1              | 11.50                | 81                       |
| mm.          |        | 355.6                   | 47.8             | 215.9                | 222.3               | 168.4                            | 117.3           |              | 28.4           | 25.4           | 292.1                | 37                       |

|     |     |       |       |       |       |       |       |    |      |       |       |     |
|-----|-----|-------|-------|-------|-------|-------|-------|----|------|-------|-------|-----|
| in. | 8"  | 16.50 | 2.19  | 10.62 | 10.75 | 8.63  | 5.25  | 12 | 1.25 | 1 1/8 | 13.75 | 120 |
| mm. |     | 419.1 | 55.6  | 269.7 | 273.1 | 219.2 | 133.4 |    | 31.8 | 28.6  | 349.3 | 54  |
| in. | 10" | 20.00 | 2.50  | 12.75 | 13.50 | 10.75 | 6.00  | 16 | 1.38 | 1 1/4 | 17.00 | 190 |
| mm. |     | 508.0 | 63.5  | 323.9 | 342.9 | 273.1 | 152.4 |    | 35.1 | 31.8  | 431.8 | 86  |
| in. | 12" | 22.00 | 2.62  | 15.00 | 15.75 | 12.75 | 6.12  | 20 | 1.38 | 1 1/4 | 19.25 | 225 |
| mm. |     | 558.8 | 66.5  | 381.0 | 400.1 | 323.9 | 155.4 |    | 35.1 | 31.8  | 489.0 | 102 |
| in. | 14" | 23.75 | 2.75  | 16.25 | 17.00 | 14.00 | 6.50  | 20 | 1.50 | 1 3/8 | 20.75 | 280 |
| mm. |     | 603.3 | 69.9  | 412.8 | 431.8 | 355.6 | 165.1 |    | 38.1 | 34.9  | 527.1 | 127 |
| in. | 16" | 27.00 | 3.00  | 18.50 | 19.50 | 16.00 | 7.00  | 20 | 1.62 | 1 1/2 | 23.75 | 390 |
| mm. |     | 685.8 | 76.2  | 469.9 | 495.3 | 406.4 | 177.8 |    | 41.1 | 38.1  | 603.3 | 177 |
| in. | 18" | 29.25 | 3.25  | 21.00 | 21.50 | 18.00 | 7.25  | 20 | 1.75 | 1 5/8 | 25.75 | 475 |
| mm. |     | 743.0 | 82.6  | 533.4 | 546.1 | 457.2 | 184.2 |    | 44.5 | 41.3  | 654.1 | 215 |
| in. | 20" | 32.00 | 3.50  | 23.00 | 24.00 | 20.00 | 7.50  | 24 | 1.75 | 1 5/8 | 28.50 | 590 |
| mm. |     | 812.8 | 88.9  | 584.2 | 609.6 | 508.0 | 190.5 |    | 44.5 | 41.3  | 723.9 | 268 |
| in. | 24" | 37.00 | 4.00  | 27.25 | 28.25 | 24.00 | 8.00  | 24 | 2.00 | 1 7/8 | 33.00 | 830 |
| mm. |     | 939.8 | 101.6 | 692.2 | 717.6 | 609.6 | 203.2 |    | 50.8 | 47.6  | 838.2 | 376 |

✓ Flanges over diameter of 24 " shall be according to standard ASME B.16.47