

Steel Pipe Dimensions Chart ANSI B36.10 & 36.19

| Nominal Pipe Size |      | Outside Diameter (mm) | Nominal Wall Thickness Schedule |        |         |        |        |        |         |         |        |        |         |        |        |         |         |         |         |         |
|-------------------|------|-----------------------|---------------------------------|--------|---------|--------|--------|--------|---------|---------|--------|--------|---------|--------|--------|---------|---------|---------|---------|---------|
| NPS               | DN   |                       | OD                              | SCH 5s | SCH 10s | SCH 10 | SCH 20 | SCH 30 | SCH 40s | SCH STD | SCH 40 | SCH 60 | SCH 80s | SCH XS | SCH 80 | SCH 100 | SCH 120 | SCH 140 | SCH 160 | SCH XXS |
| 1/8               | 6    | 10.3                  |                                 | 1.24   |         |        |        | 1.73   | 1.73    | 1.73    |        | 2.41   | 2.41    | 2.41   |        |         |         |         |         |         |
| 1/4               | 8    | 13.7                  |                                 | 1.65   |         |        |        | 2.24   | 2.24    | 2.24    |        | 3.02   | 3.02    | 3.02   |        |         |         |         |         |         |
| 3/8               | 10   | 17.1                  |                                 | 1.65   |         |        |        | 2.31   | 2.31    | 2.31    |        | 3.20   | 3.20    | 3.20   |        |         |         |         |         |         |
| 1/2               | 15   | 21.3                  | 1.65                            | 2.11   |         |        |        | 2.77   | 2.77    | 2.77    |        | 3.73   | 3.73    | 3.73   |        |         |         |         | 4.78    | 7.47    |
| 3/4               | 20   | 26.7                  | 1.65                            | 2.11   |         |        |        | 2.87   | 2.87    | 2.87    |        | 3.91   | 3.91    | 3.91   |        |         |         |         | 5.56    | 7.82    |
| 1                 | 25   | 33.4                  | 1.65                            | 2.77   |         |        |        | 3.38   | 3.38    | 3.38    |        | 4.55   | 4.55    | 4.55   |        |         |         |         | 6.35    | 9.09    |
| 1 1/4             | 32   | 42.2                  | 1.65                            | 2.77   |         |        |        | 3.56   | 3.56    | 3.56    |        | 4.85   | 4.85    | 4.85   |        |         |         |         | 6.35    | 9.70    |
| 1 1/2             | 40   | 48.3                  | 1.65                            | 2.77   |         |        |        | 3.68   | 3.68    | 3.68    |        | 5.08   | 5.08    | 5.08   |        |         |         |         | 7.14    | 10.15   |
| 2                 | 50   | 60.3                  | 1.65                            | 2.77   |         |        |        | 3.91   | 3.91    | 3.91    |        | 5.54   | 5.54    | 5.54   |        |         |         |         | 8.74    | 11.07   |
| 2 1/2             | 65   | 73                    | 2.11                            | 3.05   |         |        |        | 5.16   | 5.16    | 5.16    |        | 7.01   | 7.01    | 7.01   |        |         |         |         | 9.53    | 14.02   |
| 3                 | 80   | 88.9                  | 2.11                            | 3.05   |         |        |        | 5.49   | 5.49    | 5.49    |        | 7.62   | 7.62    | 7.62   |        |         |         |         | 11.13   | 15.24   |
| 3 1/2             | 90   | 101.6                 | 2.11                            | 3.05   |         |        |        | 5.74   | 5.74    | 5.74    |        | 8.08   | 8.08    | 8.08   |        |         |         |         |         |         |
| 4                 | 100  | 114.3                 | 2.11                            | 3.05   |         |        |        | 6.02   | 6.02    | 6.02    |        | 8.56   | 8.56    | 8.56   |        | 11.13   |         |         | 13.49   | 17.12   |
| 5                 | 125  | 141.3                 | 2.77                            | 3.40   |         |        |        | 6.55   | 6.55    | 6.55    |        | 9.53   | 9.53    | 9.53   |        | 12.70   |         |         | 15.88   | 19.05   |
| 6                 | 150  | 168.3                 | 2.77                            | 3.40   |         |        |        | 7.11   | 7.11    | 7.11    |        | 10.97  | 10.97   | 10.97  |        | 14.27   |         |         | 18.26   | 21.95   |
| 8                 | 200  | 219.1                 | 2.77                            | 3.76   |         | 6.35   | 7.04   | 8.18   | 8.18    | 8.18    | 10.31  | 12.70  | 12.70   | 12.70  | 15.09  | 18.26   | 20.62   | 23.01   | 22.23   |         |
| 10                | 250  | 273.1                 | 3.40                            | 4.19   |         | 6.35   | 7.80   | 9.27   | 9.27    | 9.27    | 12.70  | 12.70  | 12.70   | 15.09  | 18.26  | 21.44   | 25.40   | 28.58   | 25.40   |         |
| 12                | 300  | 323.9                 | 3.96                            | 4.57   |         | 6.35   | 8.38   | 9.53   | 9.53    | 10.31   | 14.27  | 12.70  | 12.70   | 17.48  | 21.44  | 25.40   | 28.58   | 33.32   | 25.40   |         |
| 14                | 350  | 355.6                 | 3.96                            | 4.78   | 6.35    | 7.92   | 9.53   |        | 9.53    | 11.13   | 15.09  |        | 12.70   | 19.05  | 23.83  | 27.79   | 31.75   | 35.71   |         |         |
| 16                | 400  | 406.4                 | 4.19                            | 4.78   | 6.35    | 7.92   | 9.53   |        | 9.53    | 12.70   | 16.66  |        | 12.70   | 21.44  | 26.19  | 30.96   | 36.53   | 40.49   |         |         |
| 18                | 450  | 457.2                 | 4.19                            | 4.78   | 6.35    | 7.92   | 11.13  |        | 9.53    | 14.27   | 19.05  |        | 12.70   | 23.83  | 29.36  | 34.93   | 39.67   | 45.24   |         |         |
| 20                | 500  | 508                   | 4.78                            | 5.54   | 6.35    | 9.53   | 12.70  |        | 9.53    | 15.09   | 20.62  |        | 12.70   | 26.19  | 32.54  | 38.10   | 44.45   | 50.01   |         |         |
| 22                |      | 559                   | 4.78                            | 5.54   | 6.35    | 9.53   | 12.70  |        | 9.53    |         | 22.23  |        | 12.70   | 28.58  | 34.93  | 41.28   | 47.63   | 53.98   |         |         |
| 24                | 600  | 610                   | 5.54                            | 6.35   | 6.35    | 9.53   | 14.27  |        | 9.53    | 17.48   | 24.61  |        | 12.70   | 30.96  | 38.89  | 46.02   | 52.37   | 59.54   |         |         |
| 26                |      | 660                   |                                 |        | 7.92    | 12.70  |        |        | 9.53    |         |        |        | 12.70   |        |        |         |         |         |         |         |
| 28                | 700  | 711                   |                                 |        | 7.92    | 12.70  | 15.88  |        | 9.53    |         |        |        | 12.70   |        |        |         |         |         |         |         |
| 30                |      | 762                   | 6.35                            | 7.92   | 7.92    | 12.70  | 15.88  |        | 9.53    |         |        |        | 12.70   |        |        |         |         |         |         |         |
| 32                | 800  | 813                   |                                 |        | 7.92    | 12.70  | 15.88  |        | 9.53    | 17.48   |        |        | 12.70   |        |        |         |         |         |         |         |
| 34                |      | 884                   |                                 |        | 7.92    | 12.70  | 15.88  |        | 9.53    | 17.48   |        |        | 12.70   |        |        |         |         |         |         |         |
| 36                | 900  | 914                   |                                 |        | 7.92    | 12.70  | 15.88  |        | 9.53    | 19.05   |        |        | 12.70   |        |        |         |         |         |         |         |
| 38                |      | 965                   |                                 |        |         |        |        |        | 9.53    |         |        |        | 12.70   |        |        |         |         |         |         |         |
| 40                | 1000 | 1016                  |                                 |        |         |        |        | 9.53   |         | 12.70   |        |        |         |        |        |         |         |         |         |         |
| 42                |      | 1067                  |                                 |        |         | 12.70  | 15.88  |        | 9.53    | 19.05   |        |        | 12.70   |        |        |         |         |         |         |         |
| 44                | 1100 | 1118                  |                                 |        |         |        |        |        | 9.53    |         |        |        | 12.70   |        |        |         |         |         |         |         |
| 46                |      | 1168                  |                                 |        |         |        |        |        | 9.53    |         |        |        | 12.70   |        |        |         |         |         |         |         |
| 48                | 1200 | 1219                  |                                 |        |         |        |        |        | 9.53    |         |        | 12.70  |         |        |        |         |         |         |         |         |
| 52                |      | 1321                  |                                 |        |         |        |        |        |         |         |        |        |         |        |        |         |         |         |         |         |
| 56                | 1422 |                       |                                 |        |         |        |        |        |         |         |        |        |         |        |        |         |         |         |         |         |
| 60                | 1524 |                       |                                 |        |         |        |        |        |         |         |        |        |         |        |        |         |         |         |         |         |

For pipe schedule chart in inch and more explanations please visit: <http://www.botopsteelpipe.com>