

| STEEL PIPE DEMENSIONS ANSI STANDARD | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--------|-------|--------------------------|---------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|-------|------|-------|-------|
| Inch | DN | OD mm | 壁厚标准 Thickness SCH TO MM | | | | | | | | | | | | | | | |
| | | | SCH 5s | SCH 10S | SCH 10 | SCH 20 | SCH 30 | SCH 40 | SCH 60 | SCH 80 | SCH 100 | SCH 120 | SCH 140 | SCH 160 | STD | XS | XXS | |
| 1/8 | DN6 | 10.3 | - | 1.24 | - | - | - | - | 1.73 | - | 2.42 | - | - | - | - | 1.73 | 2.41 | - |
| 1/4 | DN8 | 13.7 | - | 1.65 | - | - | - | - | 2.24 | - | 3.02 | - | - | - | - | 2.24 | 3.02 | - |
| 3/8 | DN10 | 17.1 | - | 1.65 | - | - | - | - | 2.31 | - | 3.2 | - | - | - | - | 2.31 | 3.2 | - |
| 1/2 | DN15 | 21.3 | 1.65 | 2.11 | - | - | - | - | 2.77 | - | 3.73 | - | - | - | 4.78 | 2.77 | 3.73 | 7.47 |
| 3/4 | DN20 | 26.7 | 1.65 | 2.11 | - | - | - | - | 2.87 | - | 3.91 | - | - | - | 5.56 | 2.87 | 3.91 | 7.82 |
| 1 | DN25 | 33.4 | 1.65 | 2.77 | - | - | - | - | 3.38 | - | 4.55 | - | - | - | 6.35 | 3.38 | 4.55 | 9.09 |
| 1.1/4 | DN32 | 42.2 | 1.65 | 2.77 | - | - | - | - | 3.56 | - | 4.85 | - | - | - | 6.35 | 3.58 | 4.85 | 9.7 |
| 1.1/2 | DN40 | 48.3 | 1.65 | 2.77 | - | - | - | - | 3.68 | - | 5.05 | - | - | - | 7.14 | 3.68 | 5.08 | 10.15 |
| 2 | DN50 | 60.3 | 1.65 | 2.77 | - | - | - | - | 3.91 | - | 5.54 | - | - | - | 8.74 | 3.91 | 5.54 | 11.07 |
| 2.1/2 | DN65 | 73 | 2.11 | 3.05 | - | - | - | - | 5.16 | - | 7.01 | - | - | - | 9.53 | 5.16 | 7.01 | 14.02 |
| 3 | DN80 | 88.9 | 2.11 | 3.05 | - | - | - | - | 5.49 | - | 7.62 | - | - | - | 11.13 | 5.49 | 7.52 | 15.24 |
| 3.1/2 | DN90 | 101.6 | 2.11 | 3.05 | - | - | - | - | 5.74 | - | 8.08 | - | - | - | - | 5.74 | 8.08 | - |
| 4 | DN100 | 114.3 | 2.11 | 3.05 | - | - | - | - | 6.02 | - | 8.58 | - | 11.13 | - | 13.49 | 6.02 | 8.56 | 17.12 |
| 5 | DN125 | 141.3 | 2.77 | 3.4 | - | - | - | - | 6.55 | - | 9.53 | - | 12.7 | - | 15.88 | 6.55 | 9.53 | 18.05 |
| 6 | DN150 | 168.3 | 2.77 | 3.4 | - | - | - | - | 7.11 | - | 10.97 | - | 14.27 | - | 18.26 | 7.11 | 10.97 | 21.95 |
| 8 | DN200 | 219.1 | 2.77 | 3.76 | - | 6.35 | 7.04 | 8.18 | 10.31 | 12.7 | 15.09 | 18.26 | 20.62 | 23.01 | 8.18 | 12.7 | 22.23 | - |
| 10 | DN250 | 273.1 | 3.4 | 4.19 | - | 6.35 | 7.8 | 9.27 | 12.7 | 15.09 | 18.26 | 21.44 | 25.4 | 28.58 | 9.27 | 12.7 | 25.4 | - |
| 12 | DN300 | 323.9 | 3.96 | 4.57 | - | 6.35 | 8.38 | 10.31 | 14.27 | 17.48 | 21.44 | 25.4 | 28.58 | 33.32 | 9.35 | 12.7 | 25.4 | - |
| 14 | DN350 | 355.5 | 3.96 | 4.78 | 6.35 | 7.92 | 9.53 | 11.13 | 15.09 | 19.05 | 23.83 | 27.79 | 31.75 | 35.71 | 9.53 | 12.7 | - | - |
| 16 | DN400 | 406.4 | 4.19 | 4.78 | 6.35 | 7.92 | 9.53 | 12.7 | 16.66 | 21.44 | 26.19 | 30.96 | 36.53 | 40.49 | 9.53 | 12.7 | - | - |
| 18 | DN450 | 457 | 4.19 | 4.78 | 6.35 | 7.92 | 11.13 | 14.27 | 19.05 | 23.83 | 29.36 | 34.93 | 39.67 | 45.24 | 9.53 | 12.7 | - | - |
| 20 | DN500 | 508 | 4.78 | 5.54 | 6.35 | 9.53 | 12.7 | 15.09 | 20.62 | 26.19 | 32.54 | 38.1 | 44.45 | 50.01 | 9.53 | 12.7 | - | - |
| 22 | DN550 | 559 | 4.78 | 5.54 | 6.35 | 9.53 | 12.7 | - | 22.23 | 28.58 | 34.93 | 41.28 | 47.63 | 53.98 | 9.53 | 12.7 | - | - |
| 24 | DN600 | 610 | 5.54 | 6.35 | 6.35 | 9.53 | 14.27 | 17.48 | 24.61 | 30.96 | 38.89 | 46.02 | 52.37 | 59.54 | 9.53 | 12.7 | - | - |
| 26 | DN650 | 660 | - | - | 7.92 | 12.7 | - | - | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 28 | DN700 | 711 | - | - | 7.92 | 12.7 | 15.88 | - | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 30 | DN750 | 762 | 6.35 | 7.92 | 7.92 | 12.7 | 15.88 | - | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 32 | DN800 | 813 | - | - | 7.92 | 12.7 | 15.88 | 17.48 | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 34 | DN850 | 864 | - | - | 7.92 | 12.7 | 15.88 | 17.48 | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 36 | DN900 | 914 | - | - | 7.92 | 12.7 | 15.88 | 19.05 | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 38 | DN950 | 965 | - | - | - | - | - | - | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 40 | DN1000 | 1015 | - | - | - | - | - | - | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 42 | DN1050 | 1067 | - | - | - | - | - | - | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 44 | DN1100 | 1118 | - | - | - | - | - | - | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 46 | DN1150 | 1188 | - | - | - | - | - | - | - | - | - | - | - | - | 9.53 | 12.7 | - | - |
| 48 | DN1200 | 1219 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |