

ASTM A312/A358/A778, ASME B36.19M/ASME B36.10M

| Nominal Diameter | Outside Diameter | Nominal Wall Thickness (mm) |        |         |         |              |        |        |      |       |
|------------------|------------------|-----------------------------|--------|---------|---------|--------------|--------|--------|------|-------|
|                  |                  | ASME B36.19M                |        |         |         | ASME B36.10M |        |        |      |       |
| NPS              | (mm)             | SCH-5S                      | SCH-10 | SCH-40S | SCH-80S | SCH-5        | SCH-10 | SCH-20 | STD  | XS    |
| 0.25             | 13.7             | -                           | 1.65   | 2.24    | 3.02    | -            | 1.65   | -      | 2.24 | 3.02  |
| 0.38             | 17.1             | -                           | 1.65   | 2.31    | 3.2     | -            | 1.65   | -      | 2.31 | 3.2   |
| 0.50             | 21.3             | 1.65                        | 2.11   | 2.77    | 3.73    | 1.65         | 2.11   | -      | 2.77 | 3.73  |
| 0.75             | 26.7             | 1.65                        | 2.11   | 2.87    | 3.91    | 1.65         | 2.11   | -      | 2.87 | 3.91  |
| 1.00             | 33.4             | 1.65                        | 2.77   | 3.38    | 4.55    | 1.65         | 2.77   | -      | 3.38 | 4.55  |
| 1.25             | 42.2             | 1.65                        | 2.77   | 3.56    | 4.85    | 1.65         | 2.77   | -      | 3.56 | 4.85  |
| 1.50             | 48.3             | 1.65                        | 2.77   | 3.68    | 5.08    | 1.65         | 2.77   | -      | 3.68 | 5.08  |
| 2.00             | 60.3             | 1.65                        | 2.77   | 3.91    | 5.54    | 1.65         | 2.77   | -      | 3.91 | 5.54  |
| 2.50             | 73               | 2.11                        | 3.05   | 5.16    | 7.01    | 2.11         | 3.05   | -      | 5.16 | 7.01  |
| 3.00             | 88.9             | 2.11                        | 3.05   | 5.49    | 7.62    | 2.11         | 3.05   | -      | 5.49 | 7.62  |
| 3.50             | 101.6            | 2.11                        | 3.05   | 5.74    | 8.08    | 2.11         | 3.05   | -      | 5.74 | 8.08  |
| 4.00             | 114.3            | 2.11                        | 3.05   | 6.02    | 8.56    | 2.11         | 3.05   | -      | 6.02 | 8.56  |
| 5.00             | 141.3            | 2.77                        | 3.4    | 6.55    | 9.53    | 2.77         | 3.4    | -      | 6.55 | 9.53  |
| 6.00             | 168.3            | 2.77                        | 3.4    | 7.11    | 10.97   | 2.77         | 3.4    | -      | 7.11 | 10.97 |
| 8.00             | 219.1            | 2.77                        | 3.76   | 8.18    | 12.7    | 2.77         | 3.76   | 6.35   | 8.18 | 12.7  |
| 10.00            | 273.1            | 3.4                         | 4.19   | 9.27    | 12.7    | 3.4          | 4.19   | 6.35   | 9.27 | 12.7  |
| 12.00            | 323.9            | 3.96                        | 4.57   | 9.53    | 12.7    | 3.96         | 4.57   | 6.35   | 9.53 | 12.7  |
| 14.00            | 355.6            | 3.96                        | 4.78   | 9.53    | 12.7    | 3.96         | 6.35   | 7.92   | 9.53 | 12.7  |
| 16.00            | 406.4            | 4.19                        | 4.78   | 9.53    | 12.7    | 4.19         | 6.35   | 7.92   | 9.53 | 12.7  |
| 18.00            | 457              | 4.19                        | 4.78   | 9.53    | 12.7    | 4.19         | 6.35   | 7.92   | 9.53 | 12.7  |
| 20.00            | 508              | 4.78                        | 5.54   | 9.53    | 12.7    | 4.78         | 6.35   | 9.53   | 9.53 | 12.7  |
| 22.00            | 559              | 4.78                        | 5.54   | -       | -       | 4.78         | 6.35   | 9.53   | 9.53 | 12.7  |
| 24.00            | 610              | 5.54                        | 6.35   | 9.53    | 12.7    | 5.54         | 6.35   | 9.53   | 9.53 | 12.7  |
| 26.00            | 660              | -                           | -      | -       | -       | -            | 7.92   | 12.7   | 9.53 | 12.7  |
| 28.00            | 711              | -                           | -      | -       | -       | -            | 7.92   | 12.7   | 9.53 | 12.7  |
| 30.00            | 762              | 6.35                        | 7.92   | -       | -       | 6.35         | 7.92   | 12.7   | 9.53 | 12.7  |
| 32.00            | 812.8            | Thickness: 6.35~30mm        |        |         |         |              |        |        |      |       |
|                  |                  |                             |        |         |         |              |        |        |      |       |
| 84.00            | 2133.6           |                             |        |         |         |              |        |        |      |       |

