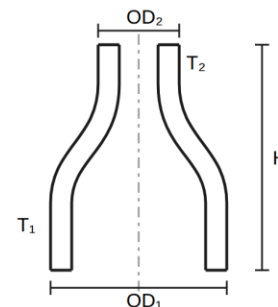


**NORMA DE DISEÑO:**  
ANSI/ASME B16.9  
**MATERIAL:**  
ACERO A234 WPB  
SCH-40, SCH-80



| MEDIDA          | DIÁMETRO EXTERIOR |        | ESPESOR DE PARED T1 |        | ESPESOR DE PARED T2 |        | FINAL A FINAL (H) | PESO APROX. (Kg) |        |
|-----------------|-------------------|--------|---------------------|--------|---------------------|--------|-------------------|------------------|--------|
|                 | O.D. 1            | O.D. 2 | SCH 40              | SCH 80 | SCH 40              | SCH 80 |                   | SCH 40           | SCH 80 |
| 3/4" x 1/2"     | 26.7              | 21.3   | 2.87                | 3.91   | 2.77                | 3.73   | 38.1              | 0.06             | 0.08   |
| 1" x 3/4"       | 33.4              | 26.7   | 3.38                | 4.55   | 2.87                | 3.91   | 50.8              | 0.12             | 0.15   |
| 1" x 1/2"       | 33.4              | 21.3   | 3.38                | 4.55   | 2.77                | 3.73   | 50.8              | 0.11             | 0.14   |
| 1 1/4" x 1"     | 42.2              | 33.4   | 3.56                | 4.85   | 3.38                | 4.55   | 50.8              | 0.16             | 0.21   |
| 1 1/4" x 3/4"   | 42.2              | 26.7   | 3.56                | 4.85   | 2.87                | 3.91   | 50.8              | 0.15             | 0.19   |
| 1 1/4" x 1/2"   | 42.2              | 21.3   | 3.56                | 4.85   | 2.77                | 3.73   | 50.8              | 0.14             | 0.18   |
| 1 1/2" x 1 1/4" | 48.3              | 42.2   | 3.68                | 5.08   | 3.56                | 4.85   | 63.5              | 0.25             | 0.33   |
| 1 1/2" x 1"     | 48.3              | 33.4   | 3.68                | 5.08   | 3.38                | 4.55   | 63.5              | 0.22             | 0.30   |
| 1 1/2" x 3/4"   | 48.3              | 26.7   | 3.68                | 5.08   | 2.87                | 3.91   | 63.5              | 0.21             | 0.27   |
| 2" x 1 1/2"     | 60.3              | 48.3   | 3.91                | 5.54   | 3.68                | 5.08   | 76.2              | 0.38             | 0.51   |
| 2" x 1 1/4"     | 60.3              | 42.2   | 3.91                | 5.54   | 3.56                | 4.85   | 76.2              | 0.36             | 0.48   |
| 2" x 1"         | 60.3              | 33.4   | 3.91                | 5.54   | 3.38                | 4.55   | 76.2              | 0.33             | 0.44   |
| 2 1/2" x 2"     | 73.0              | 60.3   | 5.16                | 7.01   | 3.91                | 5.54   | 88.9              | 0.73             | 0.95   |
| 2 1/2" x 1 1/2" | 73.0              | 48.3   | 5.16                | 7.01   | 3.68                | 5.08   | 88.9              | 0.67             | 0.87   |
| 2 1/2" x 1 1/4" | 73.0              | 42.2   | 5.16                | 7.01   | 3.56                | 4.85   | 88.9              | 0.64             | 0.83   |
| 3" x 2 1/2"     | 88.9              | 73.0   | 5.49                | 7.62   | 5.16                | 7.01   | 101.6             | 0.94             | 1.25   |
| 3" x 2"         | 88.9              | 60.3   | 5.49                | 7.62   | 3.91                | 5.54   | 101.6             | 0.85             | 1.13   |
| 3" x 1 1/2"     | 88.9              | 48.3   | 5.49                | 7.62   | 3.68                | 5.08   | 101.6             | 0.79             | 1.04   |
| 4" x 3"         | 114.3             | 88.9   | 6.02                | 8.56   | 5.49                | 7.62   | 101.6             | 1.45             | 2.02   |
| 4" x 2 1/2"     | 114.3             | 73.0   | 6.02                | 8.56   | 5.16                | 7.01   | 101.6             | 1.37             | 1.90   |
| 4" x 2"         | 114.3             | 60.3   | 6.02                | 8.56   | 3.91                | 5.54   | 101.6             | 1.27             | 1.76   |