



# TEE

**Normas de Diseño :**  
ANSI / ASME B 16.9

**Material:**

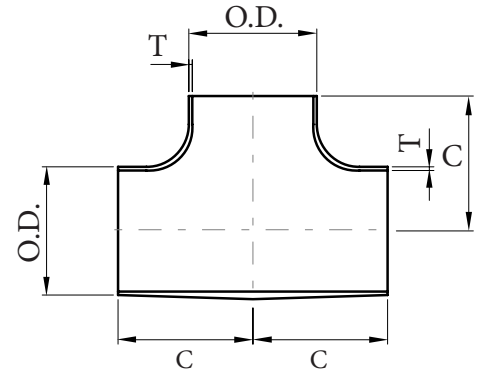
Acero A234 WPB

**Cédula:**

STD, SCH 40, XS, SCH 80,  
SCH 160

**Espesor Mínimo:**

-12.5% del valor nominal



**Unidad: Milímetros (mm)**

| MEDIDA | DIÁ-<br>METRO<br>EXTERIOR<br>(OD) | ESPESOR DE PARED (T) |           |      |           |            | CEN-<br>TRO A<br>FINAL<br>(C) | PESO APROX (Kg) |        |        |        |            |
|--------|-----------------------------------|----------------------|-----------|------|-----------|------------|-------------------------------|-----------------|--------|--------|--------|------------|
|        |                                   | STD                  | SCH<br>40 | XS   | SCH<br>80 | SCH<br>160 |                               | STD             | SCH 40 | XS     | SCH 80 | SCH<br>160 |
| 1/2"   | 21.3                              | 2.8                  | 2.8       | 3.7  | 3.7       | 4.8        | 25.4                          | 0.09            | 0.09   | 0.11   | 0.11   | -          |
| 3/4"   | 26.7                              | 2.9                  | 2.9       | 3.9  | 3.9       | 5.6        | 28.4                          | 0.13            | 0.13   | 0.17   | 0.17   | -          |
| 1"     | 33.5                              | 3.4                  | 3.4       | 4.5  | 4.5       | 6.4        | 38.1                          | 0.25            | 0.25   | 0.32   | 0.32   | -          |
| 1 1/4" | 42.2                              | 3.6                  | 3.6       | 4.9  | 4.9       | 6.4        | 47.8                          | 0.43            | 0.43   | 0.56   | 0.56   | -          |
| 1 1/2" | 48.3                              | 3.7                  | 3.7       | 3.7  | 3.7       | 7.1        | 57.2                          | 0.61            | 0.61   | 0.81   | 0.81   | -          |
| 2"     | 60.5                              | 3.9                  | 3.9       | 5.5  | 5.5       | 8.7        | 63.5                          | 0.88            | 0.88   | 1.20   | 1.20   | -          |
| 2 1/2" | 73.2                              | 5.2                  | 5.2       | 7.0  | 7.0       | 9.5        | 76.2                          | 1.74            | 1.74   | 2.28   | 2.28   | 3.63       |
| 3"     | 88.9                              | 5.5                  | 5.5       | 7.6  | 7.6       | 11.1       | 85.9                          | 2.41            | 2.41   | 3.25   | 3.25   | 5.87       |
| 4"     | 114.3                             | 6.0                  | 6.0       | 8.6  | 8.6       | 13.5       | 104.6                         | 4.12            | 4.12   | 5.77   | 5.77   | 9.76       |
| 5"     | 141.2                             | 6.6                  | 6.6       | 9.5  | 9.5       | 15.9       | 124.0                         | 6.54            | 6.54   | 9.20   | 9.20   | 22.2       |
| 6"     | 168.1                             | 7.1                  | 7.1       | 11.0 | 11.0      | 18.3       | 142.7                         | 9.58            | 9.58   | 14.5   | 14.5   | 31.4       |
| 8"     | 218.9                             | 8.2                  | 8.2       | 12.7 | 12.7      | 23.0       | 177.8                         | 17.9            | 17.9   | 27.1   | 27.1   | 50.7       |
| 10"    | 273.1                             | 9.3                  | 9.3       | 12.7 | 15.0      | 28.6       | 215.9                         | 41.0            | 41.0   | 58.40  | 60.8   | 96.7       |
| 12"    | 323.9                             | 9.5                  | 10.3      | 12.7 | 17.5      | 33.3       | 254.0                         | 65.0            | 70.5   | 78.0   | 95.8   | 155        |
| 14"    | 355.9                             | 9.5                  | 11.1      | 12.7 | 19.1      | 35.7       | 279.4                         | 85.0            | 105.0  | 108.9  | 129    | 201        |
| 16"    | 406.4                             | 9.5                  | 12.7      | 12.7 | 21.4      | 40.4       | 304.8                         | 110             | 129.80 | 138.50 | 173    | 334        |
| 18"    | 457.2                             | 9.5                  | 14.3      | 12.7 | 23.8      | 45.2       | 342.9                         | 105             | 156    | 130.8  | 253    | 470        |
| 20"    | 508.0                             | 9.5                  | 15.0      | 12.7 | 26.1      | 50.0       | 381.0                         | 130.4           | 204    | 159.7  | 353    | 631        |
| 22"    | 558.8                             | 9.5                  | -         | 12.7 | 28.6      | 54.0       | 419.1                         | 158.2           | -      | 196.6  | 453    | 835        |
| 24"    | 609.6                             | 9.5                  | 17.5      | 12.7 | 31.0      | 59.5       | 431.8                         | 175.3           | 299    | 218.0  | 548    | 1012       |