


**SPECIFICATIONS / Especificaciones**
**API / ASME**

| DESIGN<br>Diseño | FACE TO FACE<br>Cara a cara | CONNECTION END / Extremos |                             | MATERIAL    | TEST & CHECK<br>Prueba y Verificación | FIRE TEST<br>Prueba de fuego | SIZES<br>Rango          |
|------------------|-----------------------------|---------------------------|-----------------------------|-------------|---------------------------------------|------------------------------|-------------------------|
|                  |                             | FLANGED<br>Bridada        | BUTT WELD<br>Soldada a tope |             |                                       |                              |                         |
| API 608          | ASME B16.10                 | ASME B16.5                | ASME B16.25                 | NACE MR0175 | API 598                               | API 6FA<br>API 607           | 2" x 1 1/2" - 12" x 10" |
| API 6D           | API 6D                      | MSS SP-44                 |                             |             | API 6D                                |                              |                         |
| ASME B16.34      | ASME B16.10                 | ASME B16.47               |                             |             | ASME B16.34                           |                              |                         |

**MAIN PARTS MATERIAL / Material de las piezas principales**

| Nº | PART NAME<br>Nombre de pieza     | CARBON STEEL<br>Acero al Carbono  | LOW TEMPERATURE STEEL<br>Acero baja temperatura   | STAINLESS STEEL<br>Acero Inoxidable |
|----|----------------------------------|---|---|-------------------------------------|
| 1  | Body / Cuerpo                    | <b>A105</b>   | <b>A350 - LF2</b>   | <b>A182 - F304 / A182 - F316</b>    |
| 2  | Stud Nut / Tuerca Espárrago      | <b>A193 - B7 / A194 - 2H</b>  | <b>A320 - L7 / A194 - 4</b>   | <b>A193 - B8 / A194 - 8</b>         |
| 3  | Ball / Bola                      | <b>A105 + ENP</b>   | <b>A350 - LF2 + ENP</b>   | <b>A182 - F304 / A182 - F316</b>    |
| 4  | Stem / Vástago (1)               | <b>A276 - 410 / A276 - 420</b>  | <b>A350 - LF2 / A276 - 304</b>  | <b>A276 - 304 / A276 - 316</b>      |
| 4  | Stem / Vástago (2)               | <b>17 - 4PH</b>   | <b>For use at low temperatures resilient steels<br/>Usa a bajas temperaturas los aceros elásticos</b> | <b>A276 - 304 / A276 - 316</b>      |
| 5  | Seat / Asiento                   | <b>A105 + ENP</b>   | <b>A350 - LF2 + ENP</b>   | <b>A182 - F304 / A182 - F316</b>    |
| 6  | Seat insert / Inserto de asiento | <b>Standard: PTFE or Nylon - Special: Peek / Devlon / Viton / Estándar PTFE o Nilón - Especial: Peek / Devlon / Viton</b> |   |                                     |
| 7  | O-Ring                           | <b>NBR or Viton / NBR o Viton</b>   |   |                                     |
| 8  | Gasket / Junta                   | <b>Graphite + Stainless Steel / Grafito + Acero Inoxidable</b>  |   |                                     |

**MAIN EXTERNAL DIMENSIONS / Dimensiones externas principales**
**CLASS 2500 - PN420 (NPS 2" x 1 1/2" / 12" x 10")**

| Reduced bore / Paso reducido |              |           |            |             |     |      |     |     |     |     |                |                            |
|------------------------------|--------------|-----------|------------|-------------|-----|------|-----|-----|-----|-----|----------------|----------------------------|
| DN<br>(mm.)                  | NPS<br>(in.) | L<br>(RF) | L1<br>(BW) | L2<br>(RTJ) | MA  |      | GA  |     | C   | H   | W / P<br>(Kg.) | TORQUE(Nm)<br>Esf. torsión |
|                              |              |           |            |             | MH  | MP   | GH  | GV  |     |     |                |                            |
| 50x40                        | 2" x 1 1/2"  | 451       | 451        | 454         | 155 | 800  | -   | -   | 115 | 105 | 63             | 320                        |
| 80x50                        | 3" x 2"      | 578       | 578        | 584         | 168 | 800  | 170 | 350 | 120 | 125 | 158            | 589                        |
| 100x80                       | 4" x 3"      | 673       | 673        | 683         | 205 | 1000 | 250 | 500 | 175 | 200 | 270            | 1577                       |
| 150x100                      | 6" x 4"      | 914       | 914        | 927         | -   | -    | 290 | 500 | 225 | 230 | 517            | 1965                       |
| 200x150                      | 8" x 6"      | 1022      | 1022       | 1038        | -   | -    | 340 | 600 | 260 | 250 | 1098           | 5501                       |
| 250x200                      | 10" x 8"     | 1270      | 1270       | 1292        | -   | -    | 470 | 600 | 380 | 340 | 1667           | 11786                      |
| 300x250                      | 12" x 10"    | 1422      | 1422       | 1445        | -   | -    | 490 | 700 | 450 | 425 | 2867           | 13222                      |

**Notes / Notas:**

- **Approximate weights / Pesos aproximados.**
- **Larger diameters on request / Diámetros superiores bajo petición.**
- **Other material on request / Otros materiales bajo petición.**
- **(1) Conventional type / Tipo convencional**
- **(2) Sulfur resistant / Resistente al azufre**

**UNITS / Unidades mm**