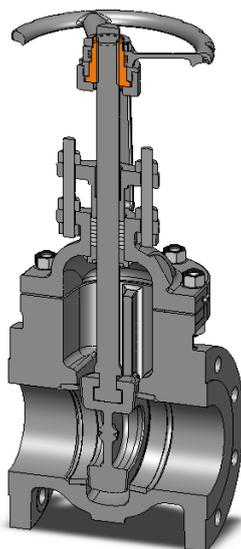


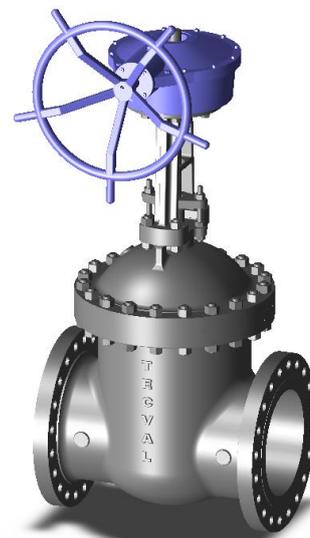
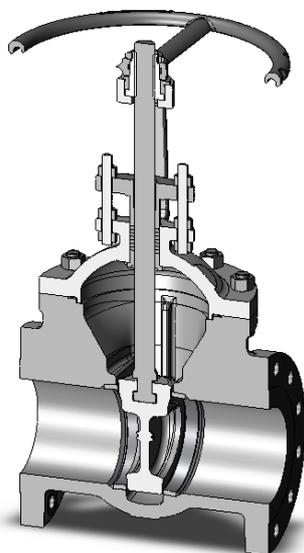
## PORTIFÓLIO

### 1) Válvula Gaveta

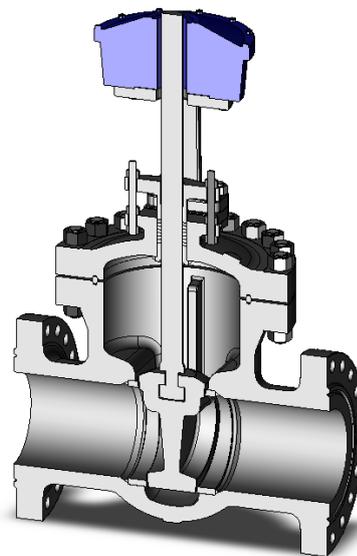
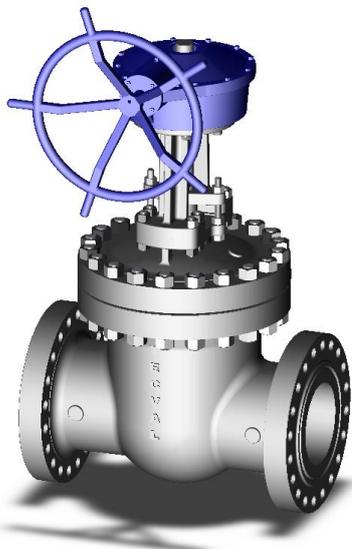
#### Válvula Gaveta Fundida Aparafusada Classe 150



#### Válvula Gaveta Fundida Aparafusada Classe 300 e 600

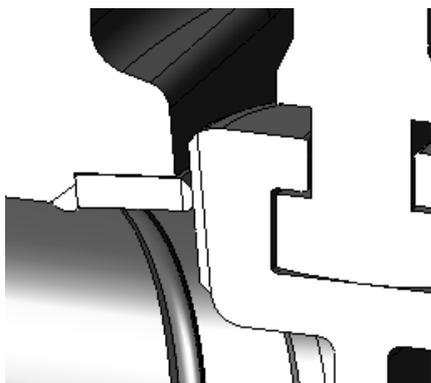


### Válvula Gaveta Fundida Aparafusada Classe 900, 1500 e 2500

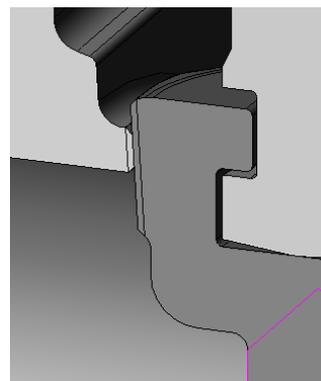


#### Opções de Sede

##### Soldado



##### Integral



*Válvulas acima 10" a vedação é com sede integral*

#### Linha de Fabricação:

Norma API 600/ ISO 10434

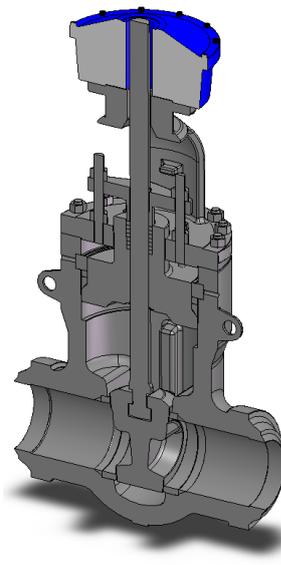
- ✓ Diâmetros 2" a 24" Classe 150, 300 e 600
- ✓ Diâmetros 2" a 20" Classe 900 e 1500
- ✓ Diâmetros 2" a 12" Classe 2500

Norma ASME B16.34

- ✓ Diâmetros 26" a 56" Classe 150, 300 e 600
- ✓ Diâmetros 22" a 24" Classe 900 e 1500
- ✓ Diâmetros 14" a 24" Classe 2500

O uso de Redutores é conforme norma ABNT NBR 15827.

**Válvula Gaveta Fundida Pressure-Seal Classe 900, 1500 e 2500**

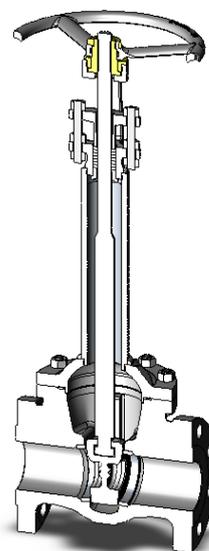


**Linha de Fabricação:**

Norma ASME B16.34

- ✓ Diâmetros 2" a 48" Classe 900
- ✓ Diâmetros 2" a 24" Classe 1500 e 2500

**Válvula Gaveta Fundida Criogênica Classe 150 e 300**

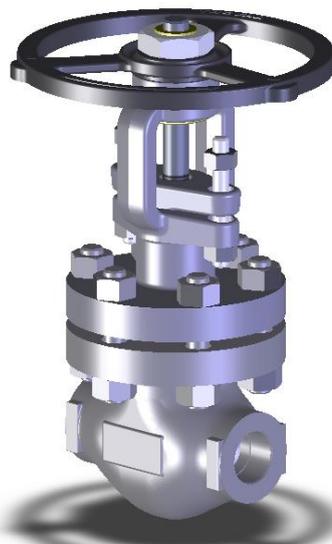
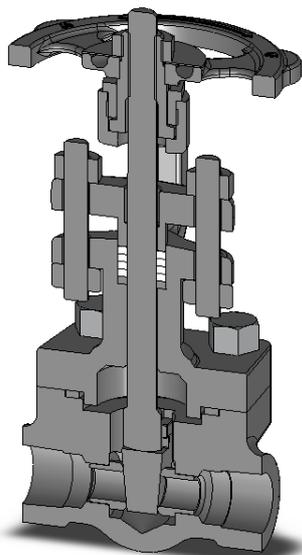
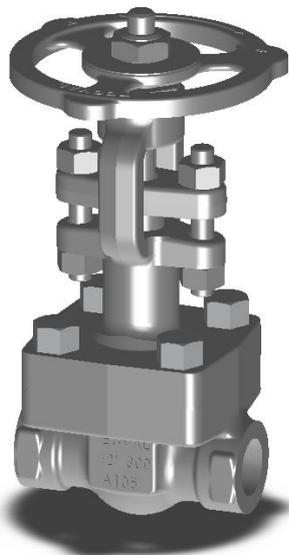


**Linha de Fabricação:**

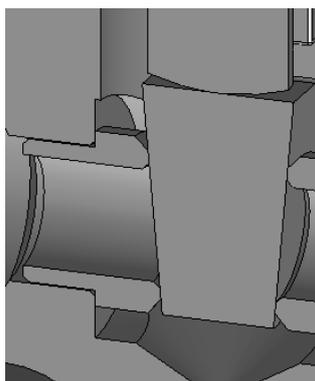
Norma API 600/ ISO 10434

- ✓ Diâmetros 2" a 30" Classe 150
- ✓ Diâmetros 2" a 12" Classe 300

**Válvula Gaveta Forjada Aparafusada Classe 800, 1500 e 2500**



**Modelo de Sede  
Expandido ao corpo**



**Linha de Fabricação:**

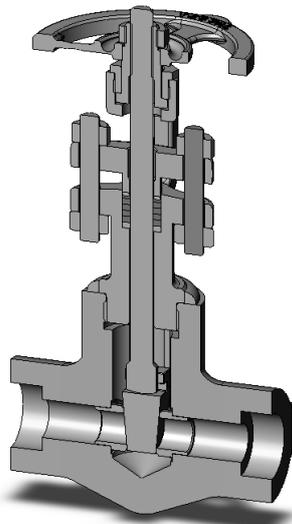
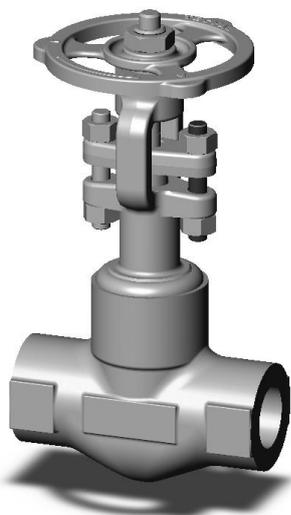
Norma API 602/ ISO 15761

- ✓ Diâmetros ¼" a 2" Classe 800 e 1500

Norma ASME B16.34

- ✓ Diâmetros ½" a 2" Classe 2500

**Válvula Gaveta Forjada Lip-Seal Classe 800, 1500 e 2500**

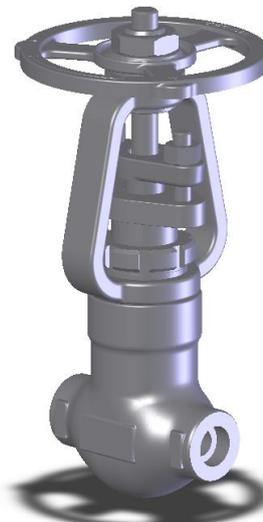
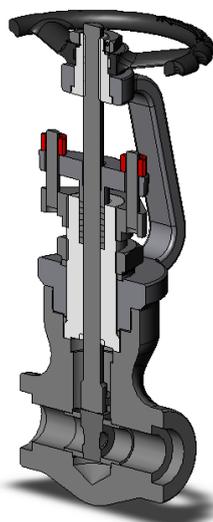


**Linha de Fabricação:**

Norma ASME B16.34

- ✓ Diâmetros 1/4" a 2" Classe 800, 1500 e 2500

**Válvula Gaveta Forjada Pressure-Seal Classe 1500 e 2500**



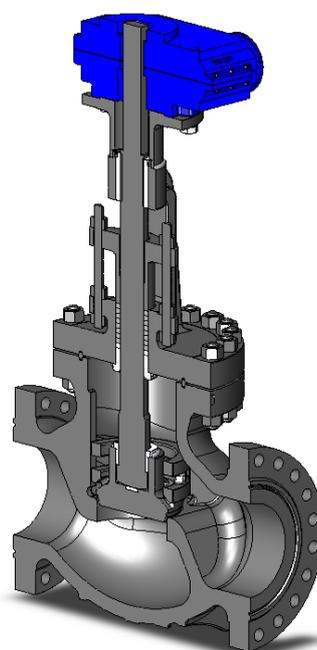
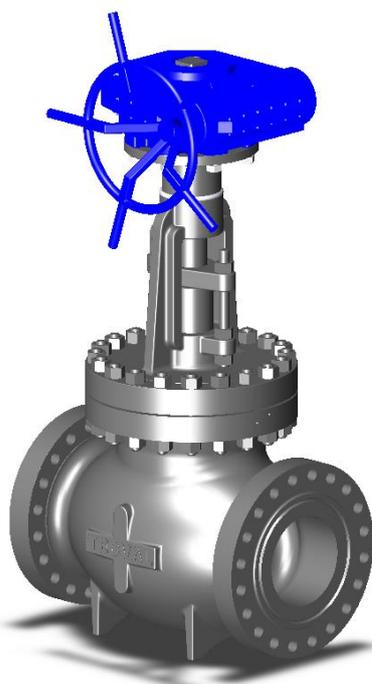
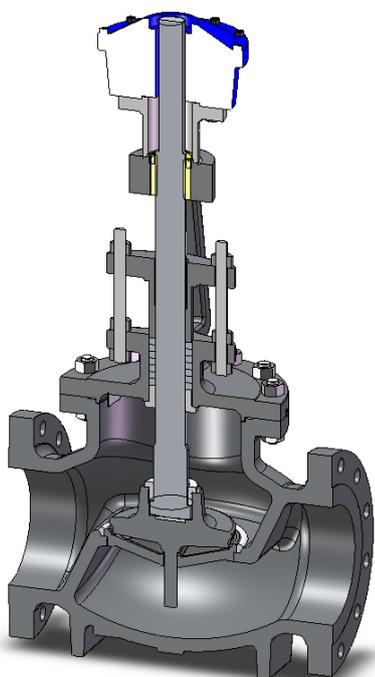
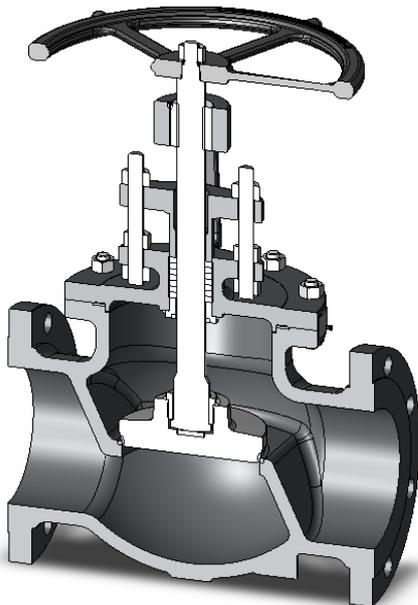
**Linha de Fabricação:**

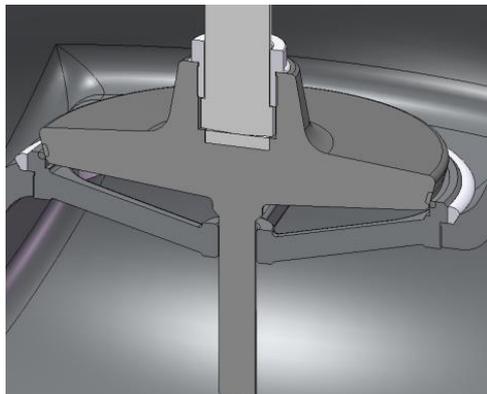
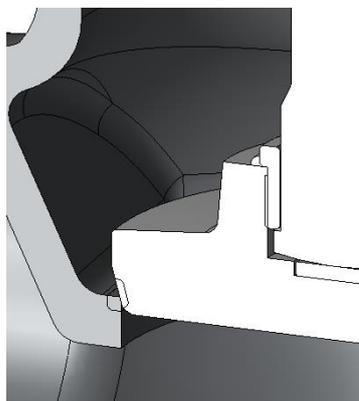
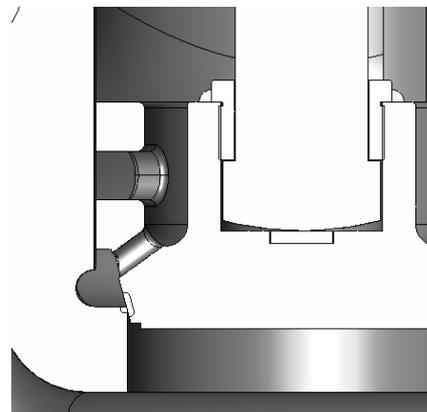
Norma ASME B16.34

- ✓ Diâmetros 1/4" a 2" Classe 1500 e 2500

2) Válvula Globo

Válvula Globo Fundida Aparafusada Classe 150 à 2500



**Opções de Sede**
**Soldado**

**Integral**

*Plug Guiado na Haste*

*Plug Guiado no Corpo*
**Linha de Fabricação:**
**Norma BS-1873**

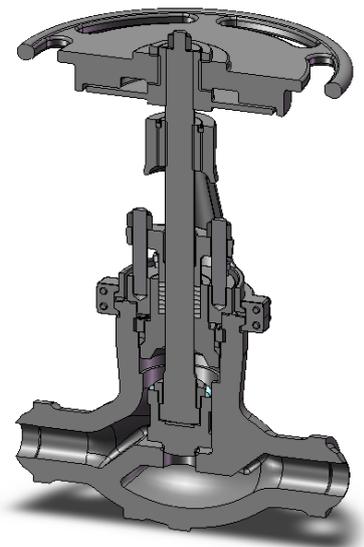
- ✓ Diâmetros 2" a 16" Classe 150
- ✓ Diâmetros 2" a 12" Classe 300 e 600
- ✓ Diâmetros 2" a 14" Classe 900 e 1500
- ✓ Diâmetros 2" a 12" Classe 2500

**Norma ASME B16.34**

- ✓ Diâmetros 18" a 36" Classe 150
- ✓ Diâmetros 14" a 36" Classe 300
- ✓ Diâmetros 14" a 24" Classe 600
- ✓ Diâmetros 16" a 24" Classe 900 e 1500
- ✓ Diâmetros 14" a 24" Classe 2500

O uso de Redutores é conforme norma ABNT NBR 15827.

**Válvula Globo Fundida Pressure-Seal Classe 900, 1500 e 2500**

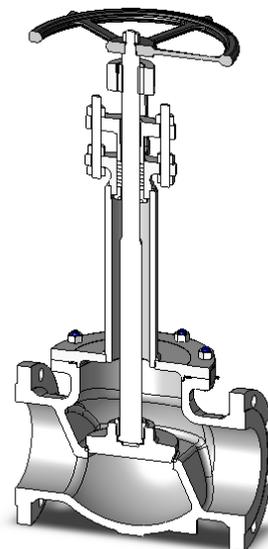
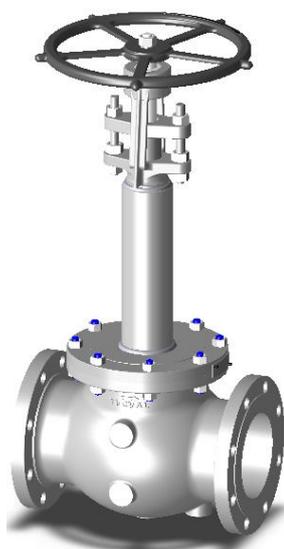


**Linha de Fabricação:**

Norma ASME B16.34

- ✓ Diâmetros 2" a 24" Classe 900, 1500 e 2500

**Válvula Globo Fundida Criogênica Classe 150 e 300**

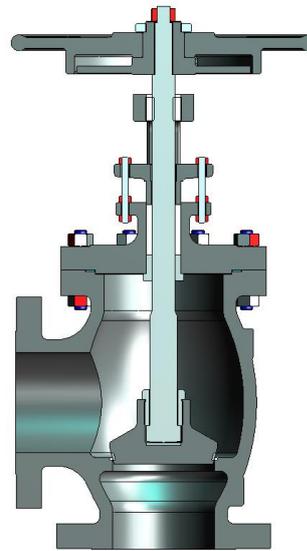
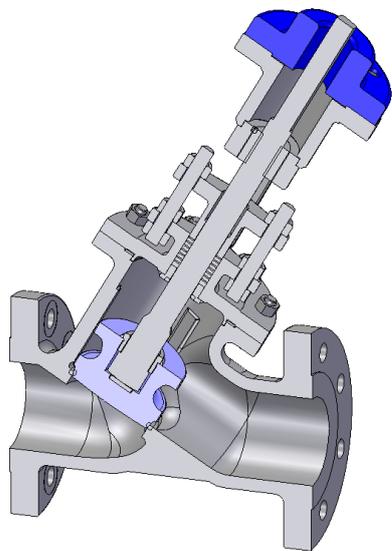


**Linha de Fabricação:**

Norma ASME B16.34

- ✓ Diâmetros 2" a 26" Classe 150
- ✓ Diâmetros 2" a 12" Classe 300

**Válvula Globo Fundida Angular e Y Classe 150 a 2500**



**Linha de Fabricação:**

**Norma BS-1873**

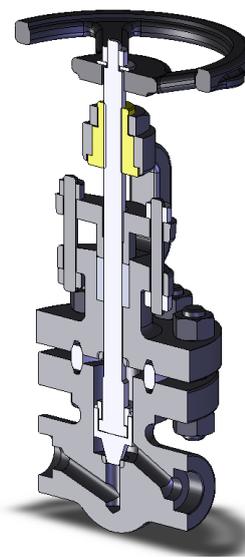
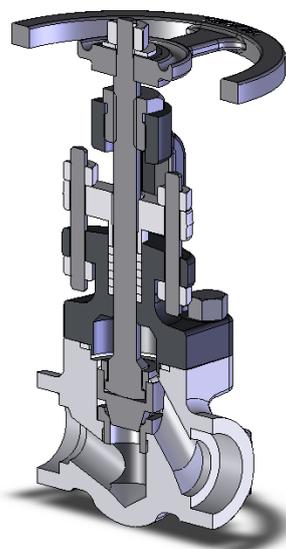
- ✓ Diâmetros 2" a 16" Classe 150
- ✓ Diâmetros 2" a 12" Classe 300 e 600
- ✓ Diâmetros 2" a 14" Classe 900 e 1500
- ✓ Diâmetros 2" a 12" Classe 2500

**Norma ASME B16.34**

- ✓ Diâmetros 18" a 24" Classe 150
- ✓ Diâmetros 14" a 24" Classe 300 e 600
- ✓ Diâmetros 16" a 24" Classe 900 e 1500
- ✓ Diâmetros 14" a 24" Classe 2500

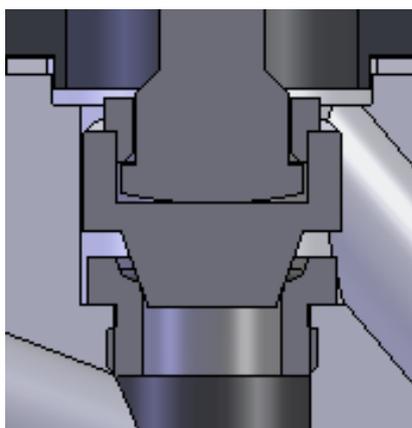
O uso de Redutores é conforme norma ABNT NBR 15827.

**Válvula Globo Forjada Aparafusada Classe 800, 1500 e 2500**



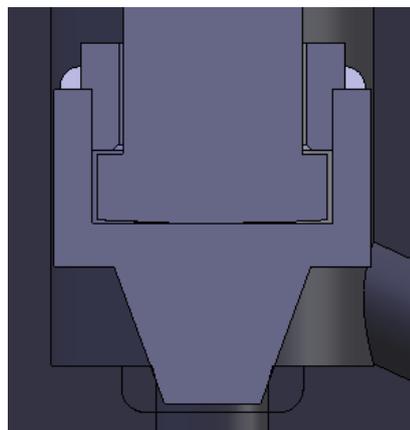
**Modelo de Sede**

**Roscado**



*Somente Classe 800 até 1"  
(material carbono/liga)*

**Integral**



**Linha de Fabricação:**

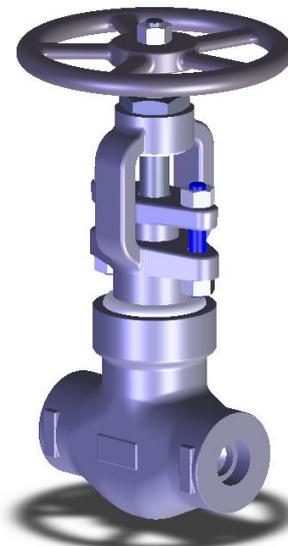
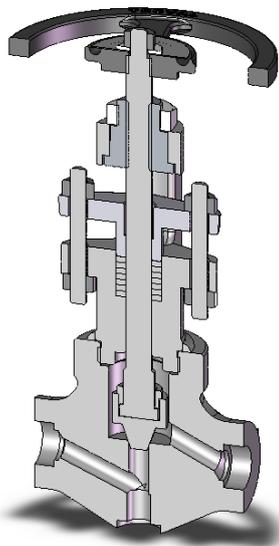
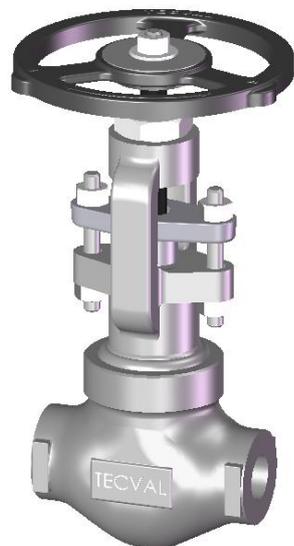
Norma API 602/ ISO 15761

- ✓ Diâmetros 1/4" a 2" Classe 800 e 1500

Norma ASME B16.34

- ✓ Diâmetros 1/2" a 2" Classe 2500

**Válvula Globo Forjada Lip-Seal Classe 800, 1500 e 2500**

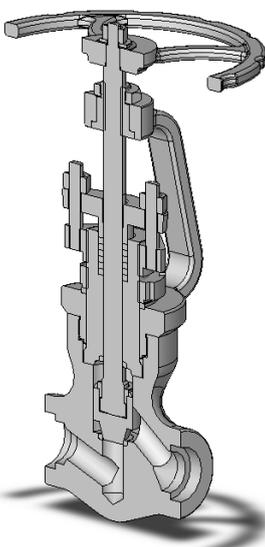


**Linha de Fabricação:**

Norma ASME B16.34

- ✓ Diâmetros 1/4" a 2" Classe 800, 1500 e 2500

**Válvula Globo Forjada Pressure-Seal Classe 1500 e 2500**

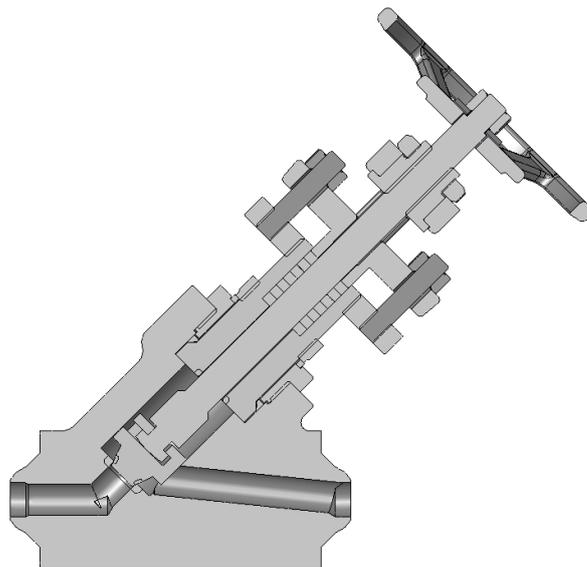
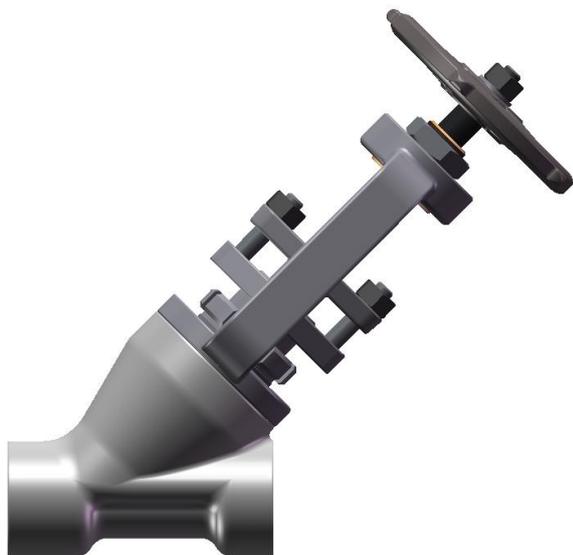


**Linha de Fabricação:**

Norma ASME B16.34

- ✓ Diâmetros 1/4" a 2" Classe 1500 e 2500

### Válvula Globo Forjada Pressure-Seal Y Classe 1500 e 2500

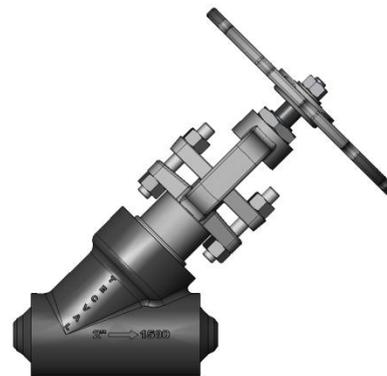
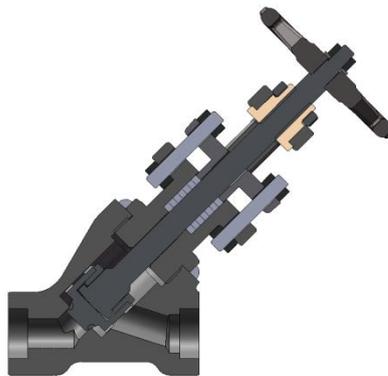


#### Linha de Fabricação:

Norma ASME B16.34

- ✓ Diâmetros 1/4" a 2" Classe 1500 e 2500

### Válvula Globo Forjada Lip-Seal Y Classe 800, 1500 e 2500

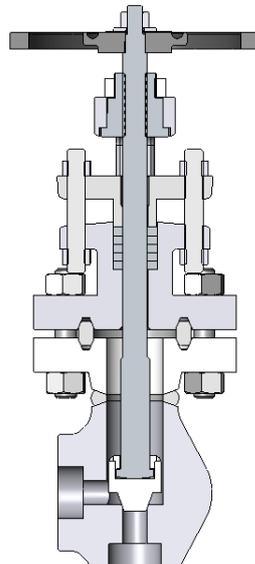
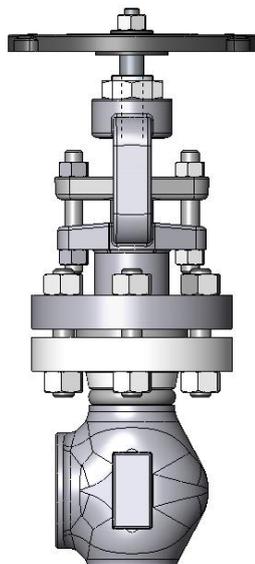


#### Linha de Fabricação:

Norma ASME B16.34

- ✓ Diâmetros 1/4" a 2" Classe 800, 1500 e 2500

**Válvula Globo Forjada Angular Classe 800 e 1500**

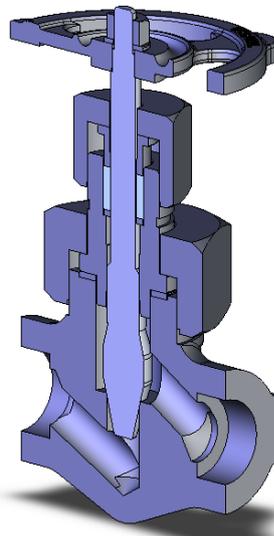
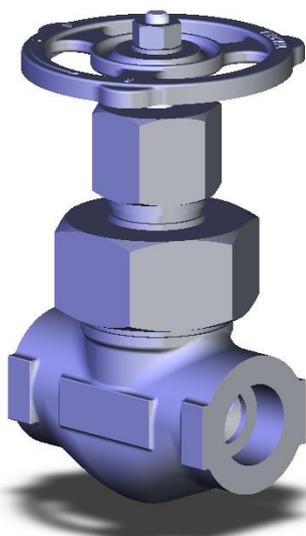


**Linha de Fabricação:**

Norma ASME B16.34

✓ Diâmetros 1/4" a 2" Classe 800 e 1500

**Válvula Globo Forjada WOG - Pressão Máxima 3000 e 5000**



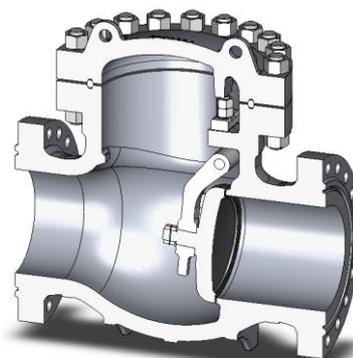
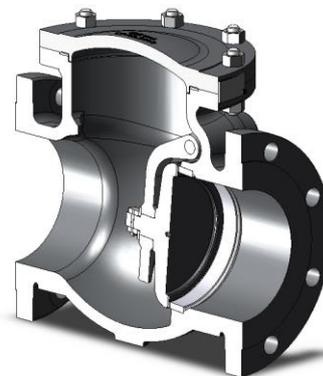
**Linha de Fabricação:**

Norma ASME B16.34

✓ Diâmetros 1/2" a 2"

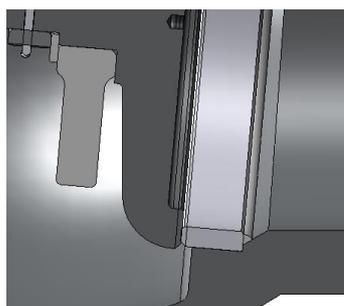
### 3) Válvula Retenção

#### Válvula Retenção Fundida Aparafusada Classe 150 à 2500

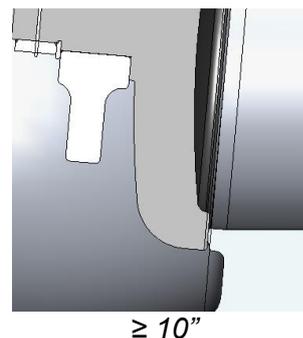


#### Opções de Sede

##### Soldado



##### Integral



#### Linha de Fabricação:

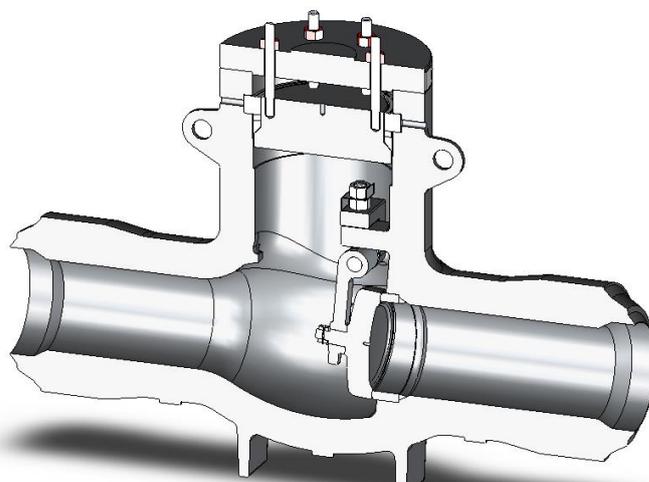
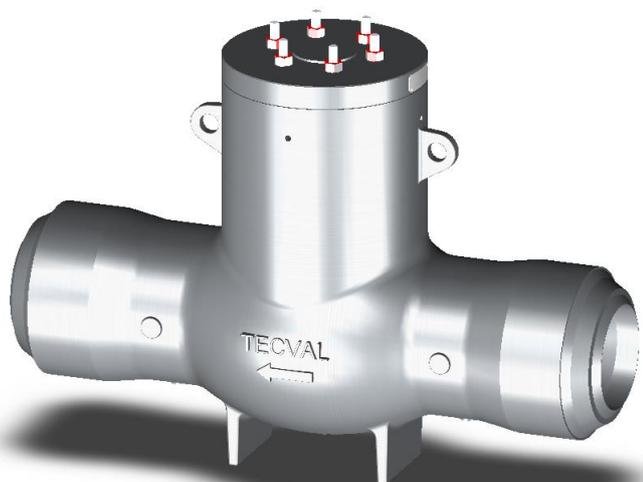
Norma BS-1868

- ✓ Diâmetros 2" a 24" Classe 150, 300, 600, 900 e 1500
- ✓ Diâmetros 2" a 12" Classe 2500

Norma ASME B16.34

- ✓ Diâmetros 14" a 18" Classe 2500

**Válvula Retenção Fundida Pressure-Seal Classe 900, 1500 e 2500**

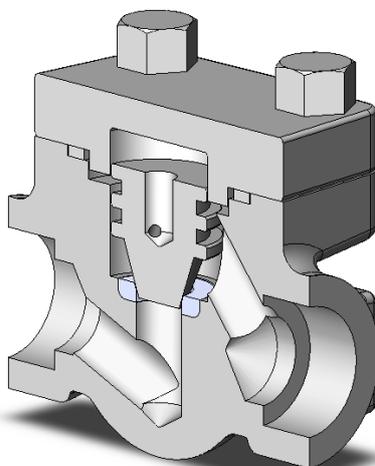
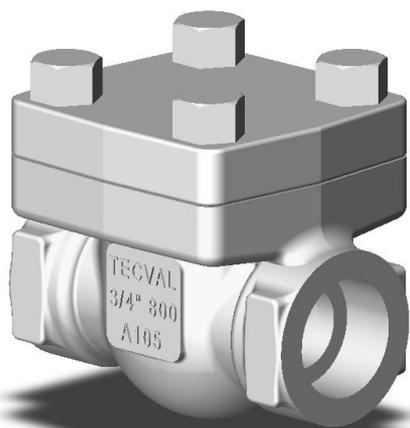


**Linha de Fabricação:**

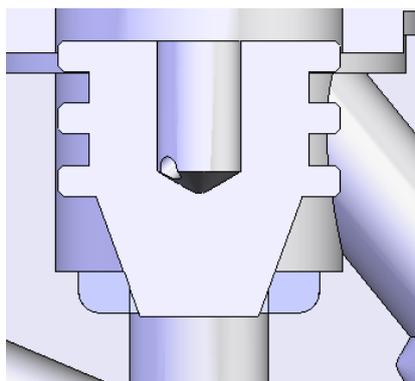
Norma ASME B16.34

- ✓ Diâmetros 2" a 24" Classe 900, 1500 e 2500

**Válvula Retenção Forjada Aparafusada Classe 800, 1500 e 2500**



**Modelo de Sede  
Integral**



**Linha de Fabricação:**

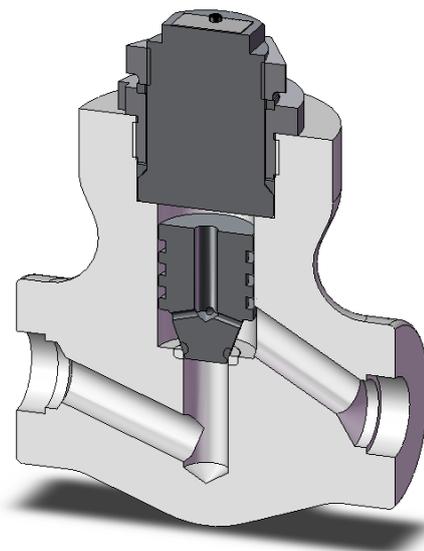
Norma API 602/ ISO 15761

- ✓ Diâmetros 1/4" a 2" Classe 800 e 1500

Norma ASME B16.34

- ✓ Diâmetros 1/2" a 2" Classe 2500

**Válvula Retenção Forjada Pressure-Seal Classe 1500 e 2500**

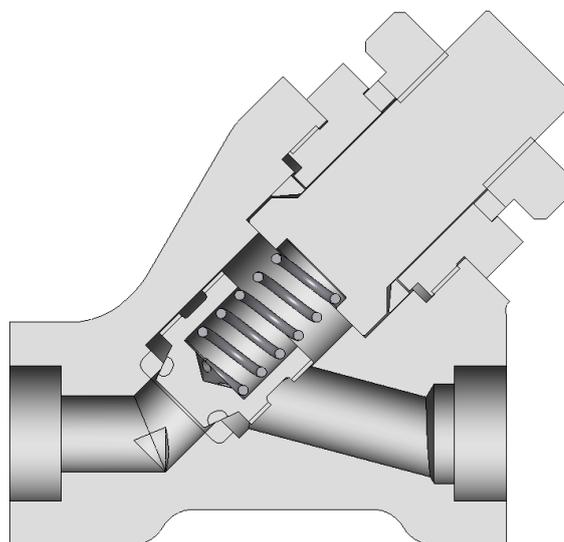


**Linha de Fabricação:**

Norma ASME B16.34

- ✓ Diâmetros 1/4" a 2" Classe 1500 e 2500

**Válvula Retenção Forjada Pressure-Seal Y Classe 1500 e 2500**

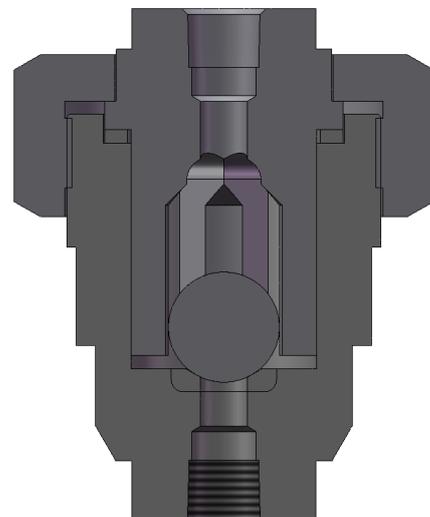
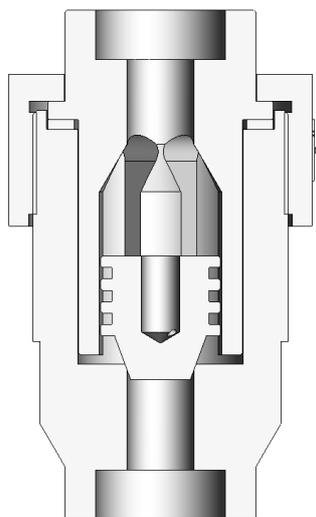
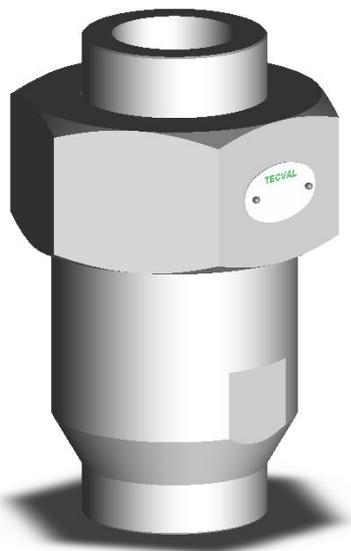


**Linha de Fabricação:**

Norma ASME B16.34

- ✓ Diâmetros 1/4" a 2" Classe 1500 e 2500

### Válvula Retenção Forjada Vertical Classe 800

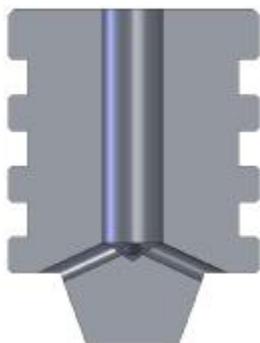


#### Linha de Fabricação:

Norma ASME B16.34  
 ✓ Diâmetros 1/4" a 2" Classe 800

#### Tipos de Obturadores

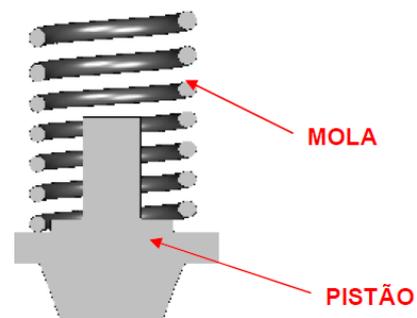
**Pistão Cônico**



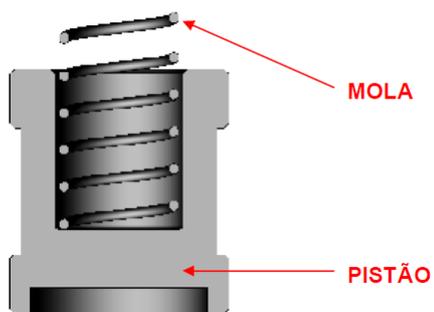
**Pistão Plano**



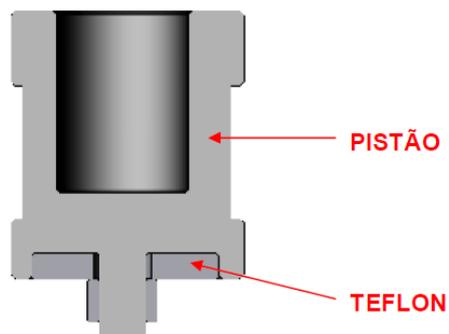
**Pistão Cônico com Mola**



**Pistão Plano com Mola**



**Pistão Plano com Teflon**



**Pistão Plano com Teflon e Mola**

