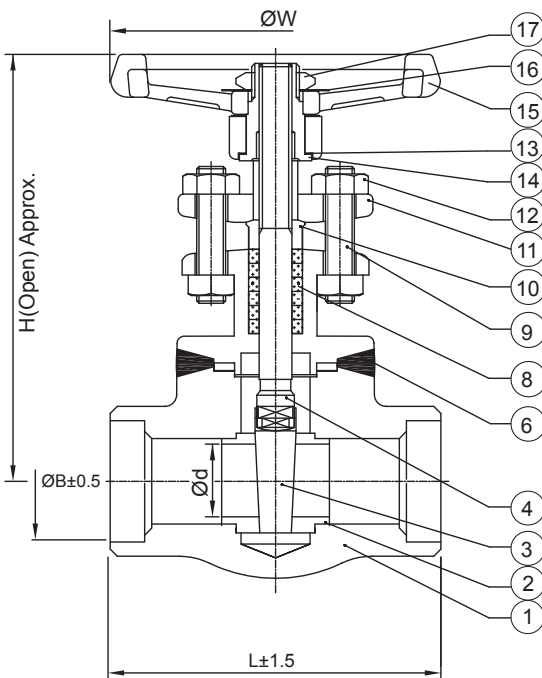




| Standard Material Specifications | | |
|----------------------------------|---------------|-------------------|
| No. | Part Name | Materials (ASTM) |
| 1 | Body | A182-F22 |
| 2 | Seat Ring | A276-410 HF No.6 |
| 3 | Wedge | A182-F6a HF No.6 |
| 4 | Stem | A182-F6a |
| 6 | Bonnet | A182-F22 |
| 8 | Gland Packing | Flexible Graphite |
| 9 | Gland Bolt | A193-B16 |
| 10 | Gland | A276-410 |
| 11 | Gland Flange | A182-F22 |
| 12 | Gland Nut | A194-4 |
| 13 | Sleeve Washer | Stainless Steel |
| 14 | Stem Sleeve | A276-410 |
| 15 | Handwheel | A197 |
| 16 | Nameplate | SS 304 |
| 17 | H/W Nut | A194-4 |



| Dimensions (mm) | | | | | | |
|-----------------|-----|-----|-----------------|-----------------|-----------------|----|
| NPS (inch) | H | L | $\varnothing W$ | $\varnothing d$ | $\varnothing B$ | C |
| 1/2" | 162 | 92 | 100 | 10 | 21.8 | 10 |
| 3/4" | 197 | 111 | 120 | 13.5 | 27.2 | 13 |
| 1" | 219 | 118 | 150 | 17.5 | 33.9 | 13 |
| 1-1/4" | 243 | 118 | 150 | 22.5 | 42.7 | 13 |
| 1-1/2" | 265 | 132 | 150 | 28.6 | 48.8 | 13 |
| 2" | 315 | 150 | 200 | 36.5 | 61.2 | 16 |

*last updated 03/16