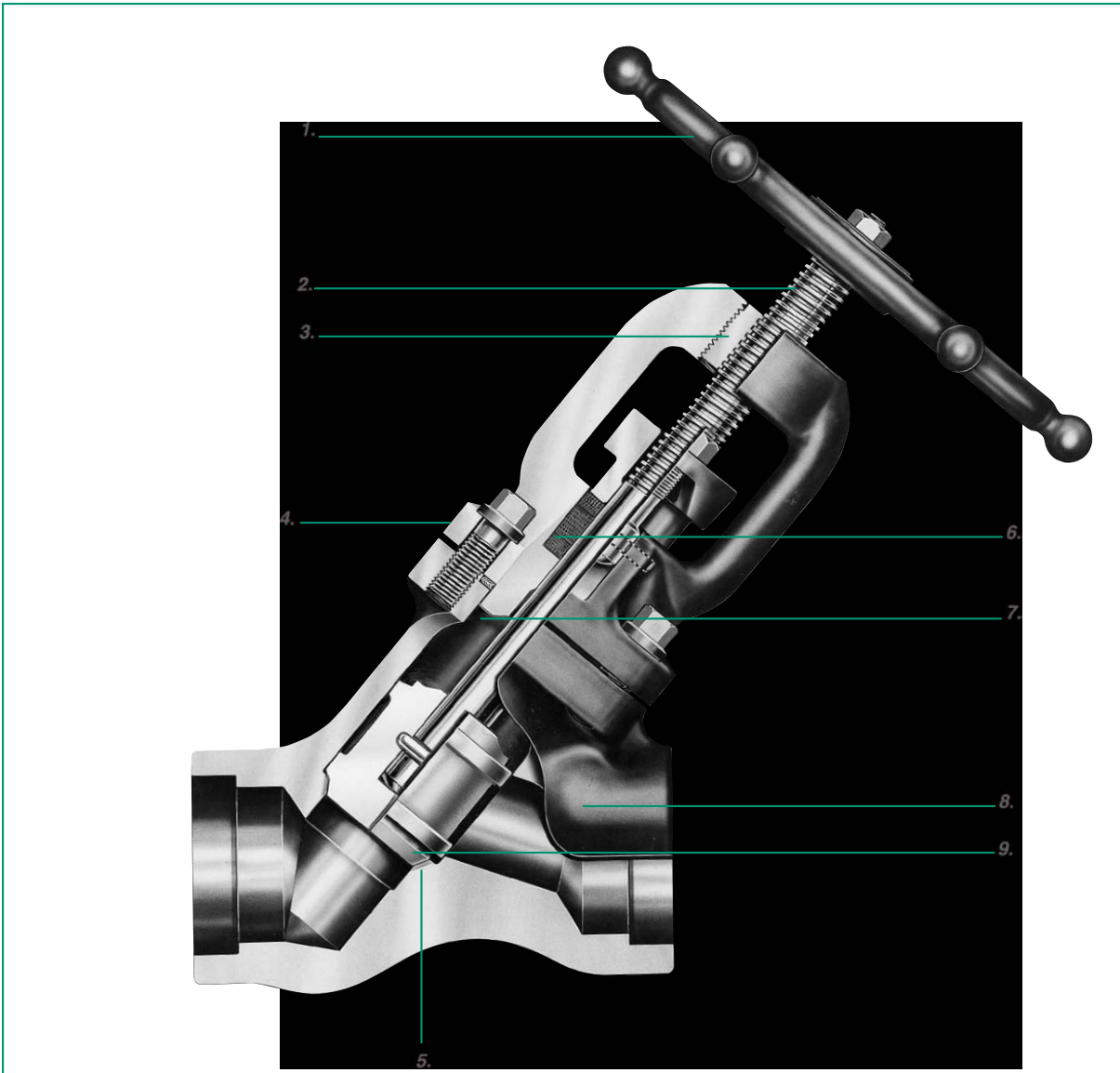


## Features and Description of Edward Bolted Bonnet Globe Valves



**1. Handwheel** is rugged and knobbed to provide sure grip even when wearing gloves.

**2. Stem** has ACME threads, is ground to a fine finish and is hardened to resist wear.

**3. Yoke bushing** material has low coefficient of friction which substantially reduces torque and stem wear and eliminates galling. Mechanical upset locks yoke bushing to yoke.

**4. Bolted Bonnet** joint utilizes a spiral wound gasket for positive sealing and four-bolt design for ease of assembly. Bonnet has pilot extension to insure proper alignment and positive metal to metal stop to prevent over-compression of gasket.

**5. Integral hardsurfaced seat** provides positive shutoff and long seat life.

**6. Stem packing system** utilizes flexible graphite packing material with anti-extrusion rings for optimum sealability and life.

**7. Integral backseat** provides a secondary stem seal backup for positive shutoff and leak protection.

**8. Body** utilizes optimized flow passages to minimize flow direction changes and reduce pressure drop.

**9. Body-guided disk** utilizes anti-thrust rings to eliminate misalignment, galling and stem bending.

## Part Specification List for Edward Bolted Bonnet Globe Valves

This is not a complete list. Construction and materials will vary between sizes and pressure classes and may be changed without notice. For a complete, accurate, and itemized description of a particular valve, contact your Edward Valves sales representative.

DESCRIPTION	BOLTED BONNET	
	ASTM NO.	ASTM NO.
Body/Bonnet	A-105 —	A-182 Grade F11
Disk	AISI 615 Stainless Steel	AISI 615 Stainless Steel
Body Seat	Stellite 21	Stellite 21
Stem	A-582 T-416	A-582 T-416
Cap Screws	A-193 Grade B-7	A-193 Grade B-7
Gasket	Spiral Wound Non Asbestos	Spiral Wound Non-Asbestos
Packing	Flexible Graphite System	Flexible Graphite System
Gland	A-536 GR. 80-55-06	A-536 GR. 80-55-06
Yoke Bushing	B-150 C61900 or C62300	B-150 C61900 or C62300
Handwheel/Handle	Malleable or Ductile Iron	Malleable or Ductile Iron
Stem Nut	Mild Steel-Plated	Mild Steel-Plated
Eye Bolt	A-582 T-416	A-582 T-416
Eye Bolt Nut	A-563 Grade A	A-563 Grade A
Eye Bolt Pin	AISI Grade 4140	AISI Grade 4140
Spring**	A-313 T302	A-313 T302
Ball**	A-276 T440 C	A-276 T440 C

**B**

\*\*Check valves only

NOTES: Parts shown above are not applicable to all Bolted Bonnet valves.  
Consult your Edward Valves sales representative for special applications.

