

Ceramic Ball

The Cam-Tite ceramic ball is an advanced engineering oxide ceramic, magnesia-partially stabilized zirconia (Mg-PSZ) which has extremely high strength and fracture toughness.

Features:

- Corrosion resistant*
- Impervious to gases
- Impact resistant
- Withstands high temperature
- High thermal shock resistance
- Impervious to build-up on the ball
- Excellent choice where ferric chloride build-up is a problem



The ceramic ball can be used with any combination of the available stem and body materials for the Cam-Tite Ball Valve.

Caged Bonnet Option

The patented “Caged Bonnet” was specifically designed to meet the needs of those hazardous applications where a quick and easy turnaround during scheduled maintenance is required. The uniquely designed caged bonnet assembly allows the repair and replacement of all internal components simply by removing the bonnet bolts and lifting off the bonnet assembly.

The caged device is available on all bonnet configurations (standard, extended, severe service and bellows) in both nuclear and commercial configurations. The device utilizes a captured (caged) metal saddle that holds the ball, seat rings, seats, grounding springs and cover gasket (nuclear model only) in place. This device allows the removal and replacement of all components utilizing one subassembly.



*Caged bonnet shown on a standard bonnet
U.S. Patent 5, 152,502*

*Consult factory for specific applications.