

# Cam-Tite®

Top Entry Metal  
Ball Valves for  
Severe Service  
Applications



**ITT Industries**

*Engineered for life*

## 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.

# ENGINEERED VALVES

For additional information on *ENGINEERED VALVES* products as referenced, call 1-800-2ITT-FTC, (1-800-248-8382) or contact the nearest regional office listed below.



**PURE-FLO®**  
High Purity  
Diaphragm Valves



**RICHTER®**  
Lined Valves For  
Corrosive Applications



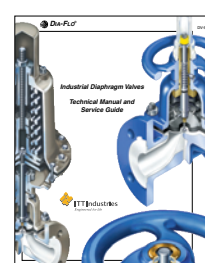
**SKOTCH®**  
Burner Shut-Off Valves



**CAM-LINE®**  
Lined Ball Valves



**FABRI-VALVE®**  
Knife Gate and Special  
Fabricated Valves



**DIA-FLO®**  
Industrial  
Diaphragm Valves

## Industrial Group

For more information write to:

### Engineered Valves Headquarters

33 Centerville Road, P.O. Box 6164

Lancaster, PA 17603-2064 USA

or call: (800) 366-1111

(717) 509-2200

Fax: (717) 509-2336

Website: [www.engvalves.com](http://www.engvalves.com)

E-mail: [engvalves.custserv@itt.com](mailto:engvalves.custserv@itt.com)

## REGIONAL OFFICES

### ATLANTIC – USA

Phone 800-231-0328

Phone (717) 509-2200

Fax 800-231-0330

Fax (717) 509-2336

### CENTRAL – USA

Phone 800-366-4770

Phone (717) 509-2200

Fax 800-231-0330

Fax (717) 509-2336

### PACIFIC – USA

725 E. Cochran Street, Unit E

Simi Valley, CA 93065

Phone 800-926-8884

Phone (805) 520-7200

Fax (805) 520-7205

### SOUTH AMERICA

Av. 11 de Septiembre #1363

Of. 1403 Providencia

Santiago - Chile

Phone +56-2-264-9491

(9637)

Fax +56-2-236-1799

### MEXICO

Insurgentes Sur No.600-4°P

Col. Del Valle

C.P. 03100 Mexico D.F.

Phone +52-5-669-5002

Fax +52-5-669-5289

### PUERTO RICO

P.O. Box 1225

Hato Rey, PR 00919

Phone/Fax (787) 703-0402

### EUROPE

Richards Street

Kirkham, Lancashire

PR4 2HU, England

Phone +44-1772-682696

Fax +44-1772-686006

### HONG KONG

Units 1903-04 CRE Centre

928-930 Cheung Sha Wah Road

Kowloon, Hong Kong

Phone +852-2741-6302

Fax +852-2741-6605



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