

GUIDE VALVE LIMITED

"Better by Design"



Distributors/Agents



Global Supply Line are Guide Valve stockists, distributing to Australia, NZ & PNG, and can automate, service & test in our Adelaide Lloyd's 9001 facility, approved by Guide Valve.

Contact us: sales@globalsupplyline.com.au

Stock lists at our website: www.globalsupplyline.com.au

Mission Statement

It is our mission to effectively and continuously engage in methods of technology and innovation to meet the organizational goals of GVL and "Better By Design" products, while at the same time, striving to exceed the needs and expectations of our clients.

Fostering a company environment for overall safety, continuous improvement and cultivating cooperation and mutual respect towards our environment, employees, suppliers, and customers.

CORPORATE VIDEO

<https://www.youtube.com/watch?v=DOPSxYN5Jrs>



CANADIAN HEAD OFFICE & PLANT



USA SALES OFFICE & WAREHOUSE



GUIDE VALVE

WUXI LIMITED



API 6D & API-6A CERTIFICATIONS



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 6D-1822

ORIGINAL

The American Petroleum Institute hereby grants to

GUIDE VALVE WUXI LIMITED
Building M, No. 30 Wanquan Road
Xishan District
Wuxi, Jiangsu
People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-6D** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **6D-1822**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Ball Valves, Plug Valves

QMS Exclusions: Servicing

Effective Date: JULY 16, 2024

Expiration Date: JULY 16, 2027

Senior Vice President of Global Industry Services

To verify the authenticity of this license, go to www.api.org/compositelist.



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 6A-2250

ORIGINAL

The American Petroleum Institute hereby grants to

GUIDE VALVE WUXI LIMITED
Building M, No. 30 Wanquan Road
Xishan District
Wuxi, Jiangsu
People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-6A** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **6A-2250**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Gate, Ball, Plug Valves at PSL 1, PSL 2, PSL 3, PSL 4

QMS Exclusions: Servicing

Effective Date: JULY 16, 2024

Expiration Date: JULY 16, 2027

Senior Vice President of Global Industry Services

To verify the authenticity of this license, go to www.api.org/compositelist.

API Q1 & APIQR-ISO CERTIFICATIONS



ISO CERTIFICATE



CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Guide Valve Limited

Main Site: 51 Terecar Drive, ,
Woodbridge, Ontario, L4L 0B5, Canada

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

The design and manufacturing of valves.

Certificate Number:
0052985

Initial Certification Date:
06 September 2016

Date of Certification Decision:
18 August 2025

Issuing Date:
18 August 2025

Valid Until:
05 September 2028



intertek

Rathin Grover
President, Business Assurance

Intertek Testing Services NA,
Inc. dba Intertek,
4700 Broadmoor SE Suite 200 Kentwood,
Michigan 49512, United States



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.



INTRODUCING SERIES T400



PATENTED – BLEED PORT



US00D748759S

(12) **United States Design Patent**
Lo Cicero
(10) **Patent No.:** **US D748,759 S**
(45) **Date of Patent:** **** Feb. 2, 2016**

(54) **VALVE FLANGE WITH BLEED PORT**

(71) Applicant: **Guide Valve Limited, Vaughan (CA)**
(72) Inventor: **Calogero Lo Cicero, Woodbridge (CA)**
(73) Assignee: **Guide Valve Limited, Vaughan, Ontario (CA)**

(**) Term: **14 Years**

(21) Appl. No.: **29/497,530**

(22) Filed: **Jul. 25, 2014**

(51) **LOC (10) CL** **23-01**

(52) **U.S. CL**
USPC **D23/233**

(58) **Field of Classification Search**
USPC D23/233–237, 244–249; 137/15.07,
137/15.08, 15.04; 251/214, 149.1, 273
CPC F16K 41/02; F16K 41/04; F16K 41/046;
F16K 41/00; F16K 1/2268
See application file for complete search history.

(56) **References Cited**

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OTHER PUBLICATIONS

No patent novelty search was performed in this case and neither the Applicant nor the undersigned are aware of any prior art devices or documents which they believe to be material to the invention as claimed. This document is being supplied for informational purposes to the Examiner and is evidence of our desire to comply with the duty of disclosure.

* cited by examiner

Primary Examiner – Cynthia Ramirez

(74) *Attorney, Agent, or Firm* — Emerson Thomson Bennett, LLC

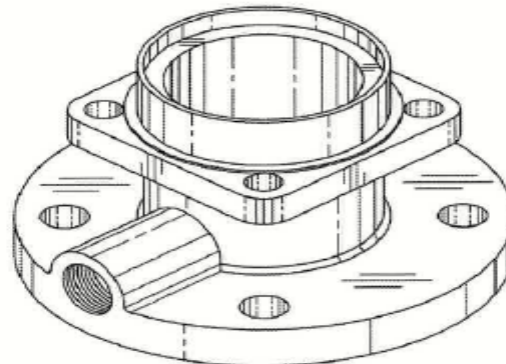
(57) **CLAIM**

The ornamental design for a valve flange with bleed port, as shown and described.

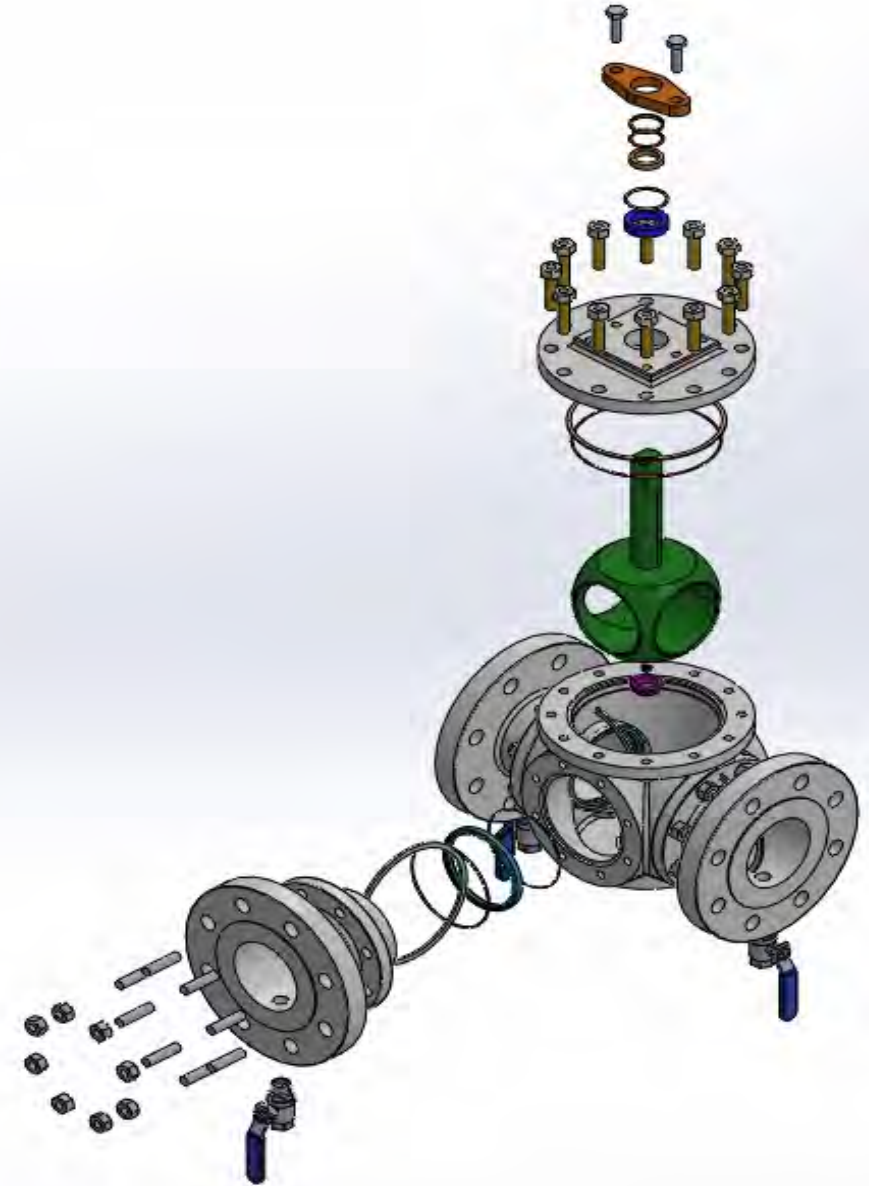
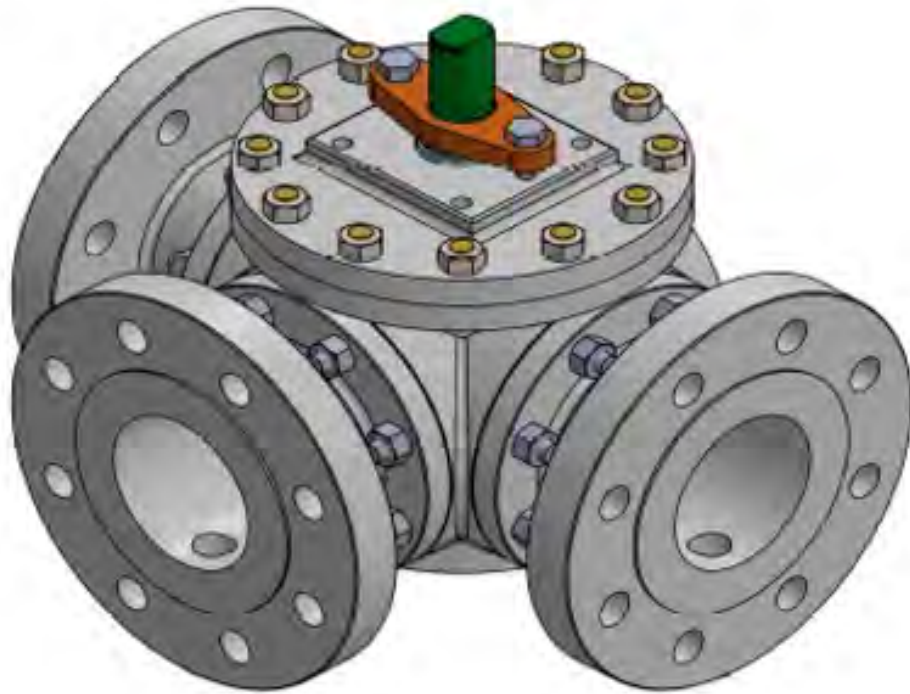
DESCRIPTION

FIG. 1 is a perspective view of the valve flange with bleed port;
FIG. 2 is a top plan view of the valve flange with bleed port;
FIG. 3 is a bottom plan view of the valve flange with bleed port;
FIG. 4 is a front view of the valve flange with bleed port;
FIG. 5 is a back view of the valve flange with bleed port;
FIG. 6 is a left side view of the valve flange with bleed port;
FIG. 7 is a right side view of the valve flange with bleed port;
FIG. 8 is a cross sectional view of the valve flange with bleed port taken along line 8-8 of FIG. 2; and,
FIG. 9 is a perspective view of the valve flange with bleed port shown in its environment.
The broken lines shown in FIG. 9 are included for the purpose of illustrating environment and form no part of the claimed design.

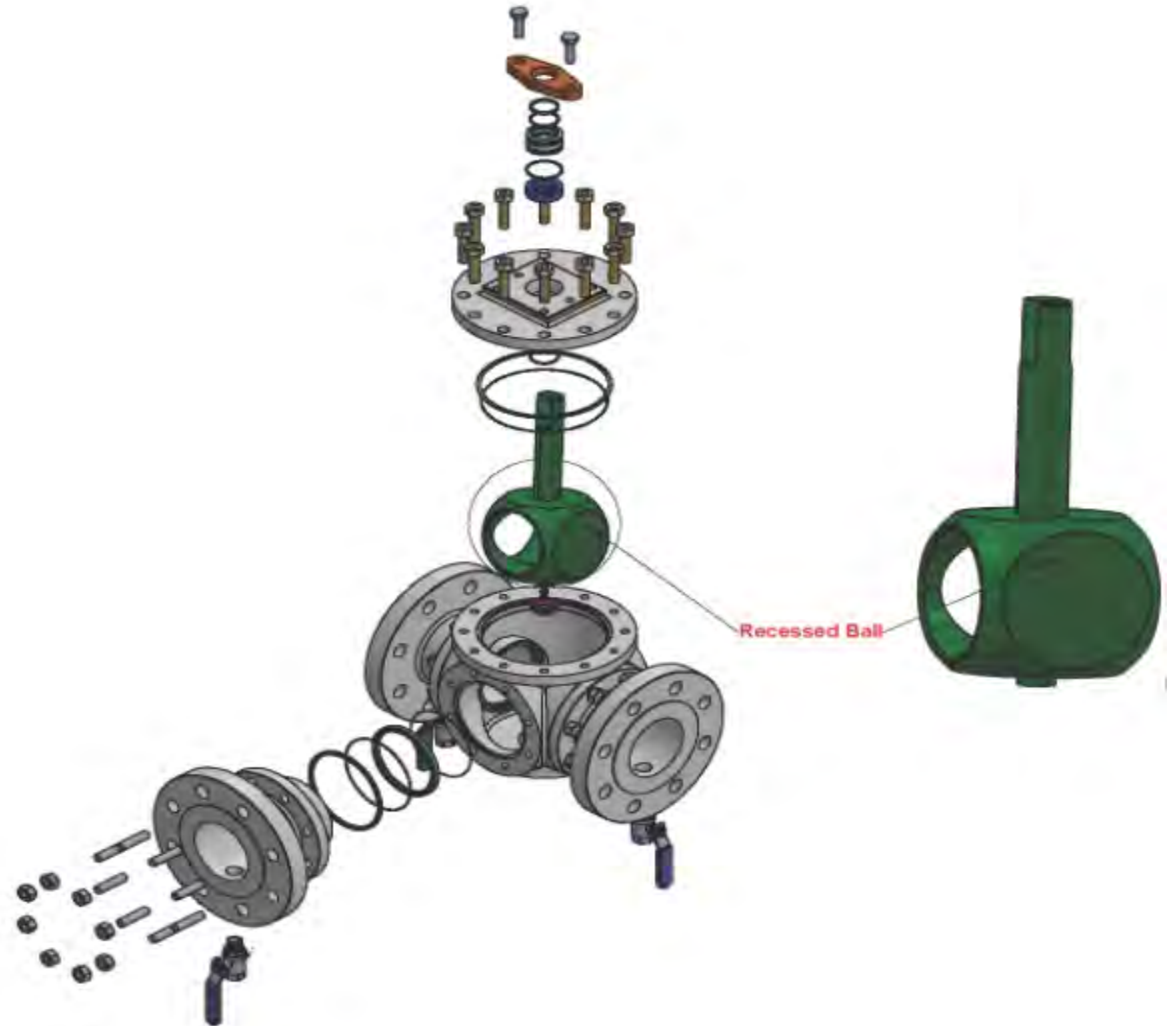
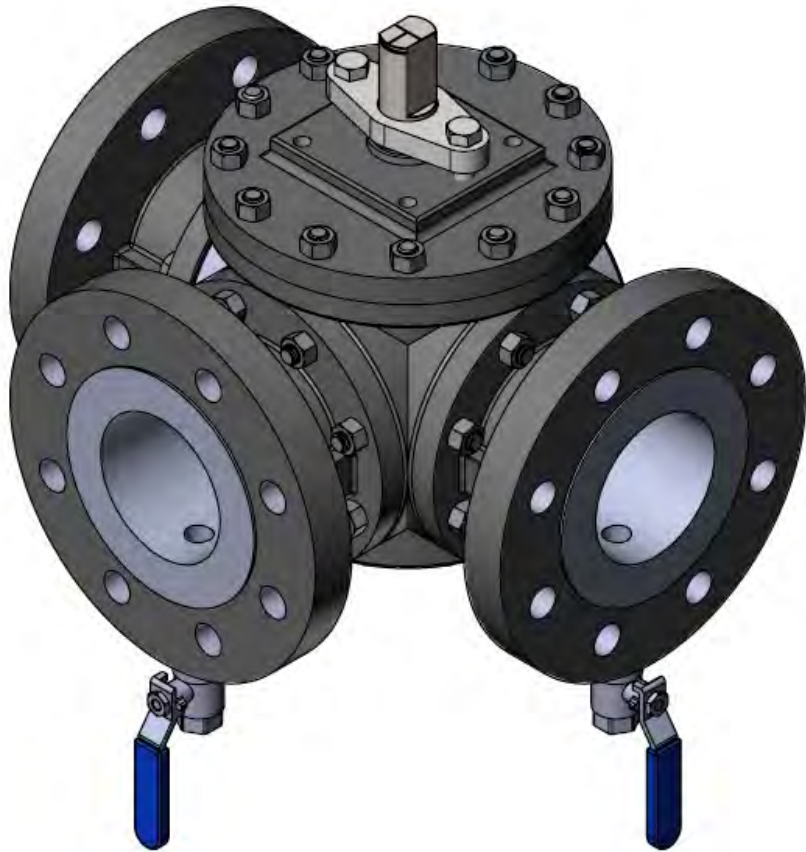
1 Claim, 3 Drawing Sheets



T400 EXPLODED VIEW ANSI CLASS 150# & 300#



T400 EXPLODED VIEW ANSI CLASS 150# & 300#-RECESSED BALL

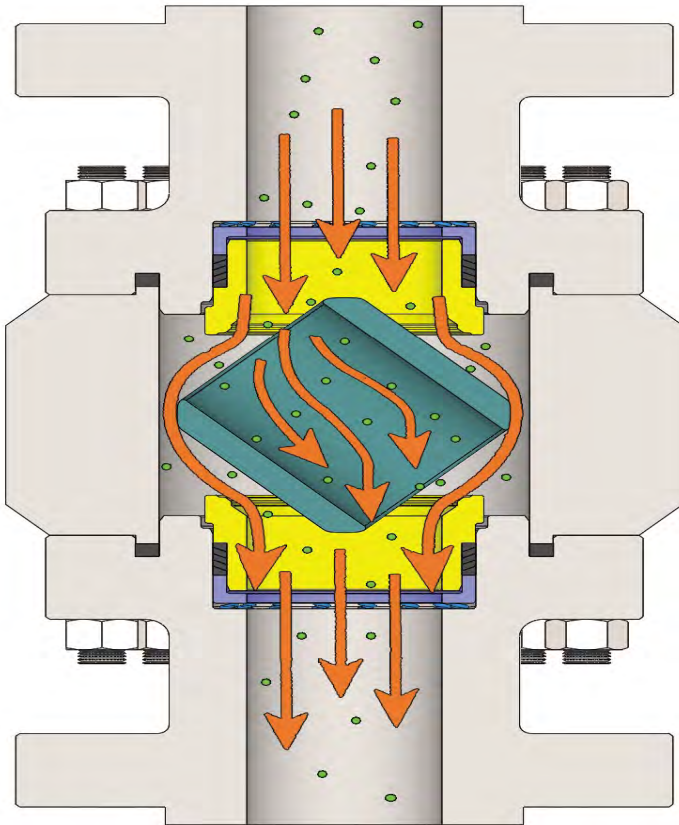


CONCEPT OF THE RECESSED BALL

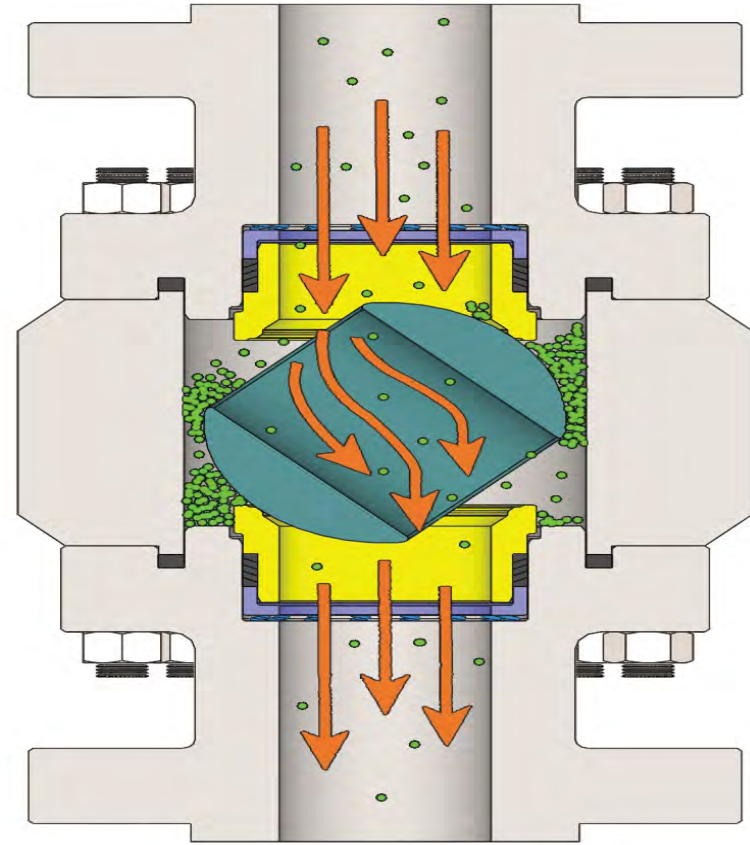
When a valve is handling fluids and gases that tend to leave a residue on the inner valve surfaces, it will affect its ability to operate and perform as intended. When the ball valve is in the closed position, the build-up of deposits adheres to the ball's outer surface within the seat boundaries, causing interference with the valve seats once the valve is cycled.

The build-up of deposits on the face of the ball therefore, over time, is expected to raise the torque as well as damage the valve's seat until the valve becomes inoperable; unable to seal or cycle.

A recessed ball along with a hard resin seat such as PEEK are recommended for such applications prone to fluid deposits.

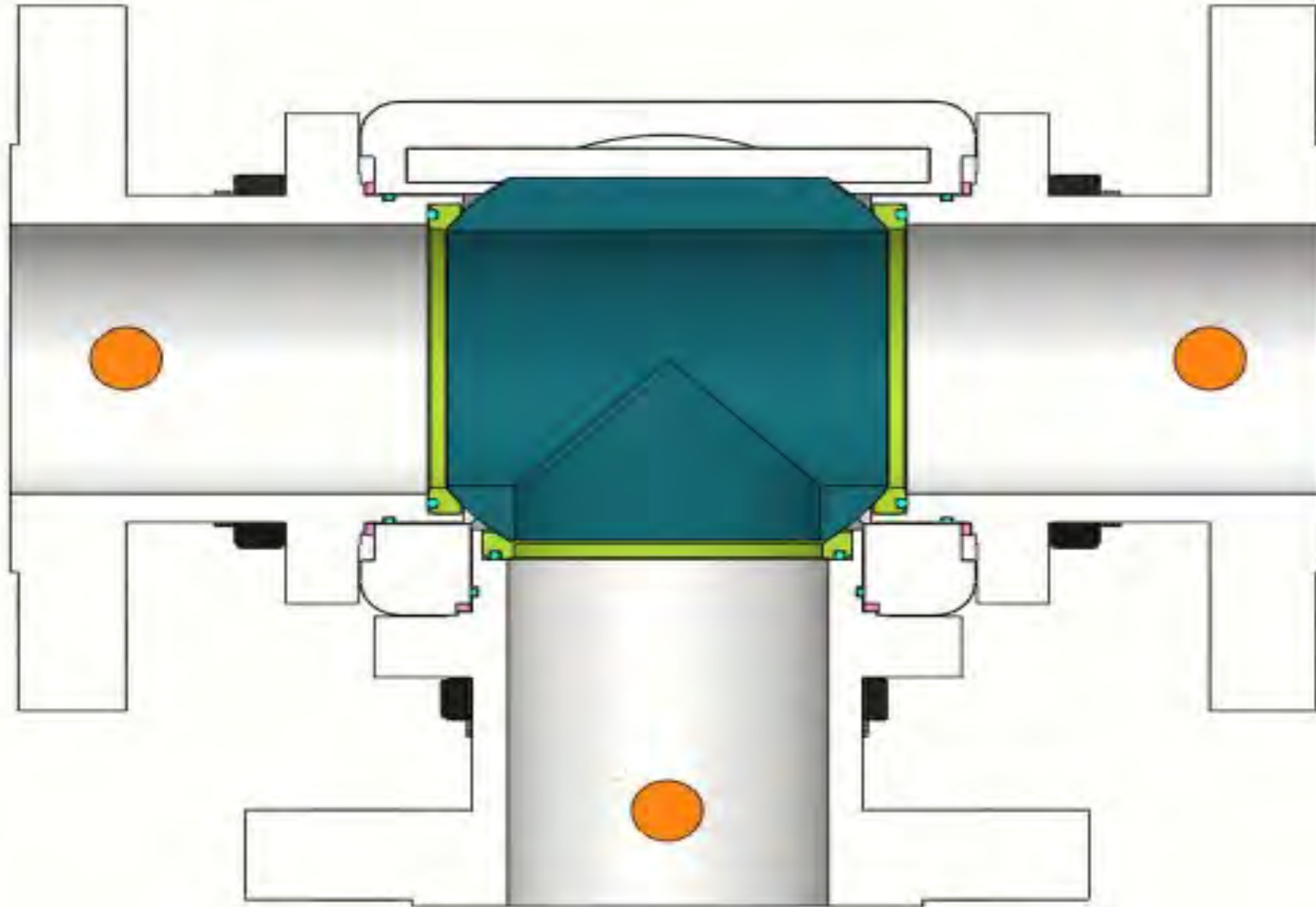


Recessed Ball Valve

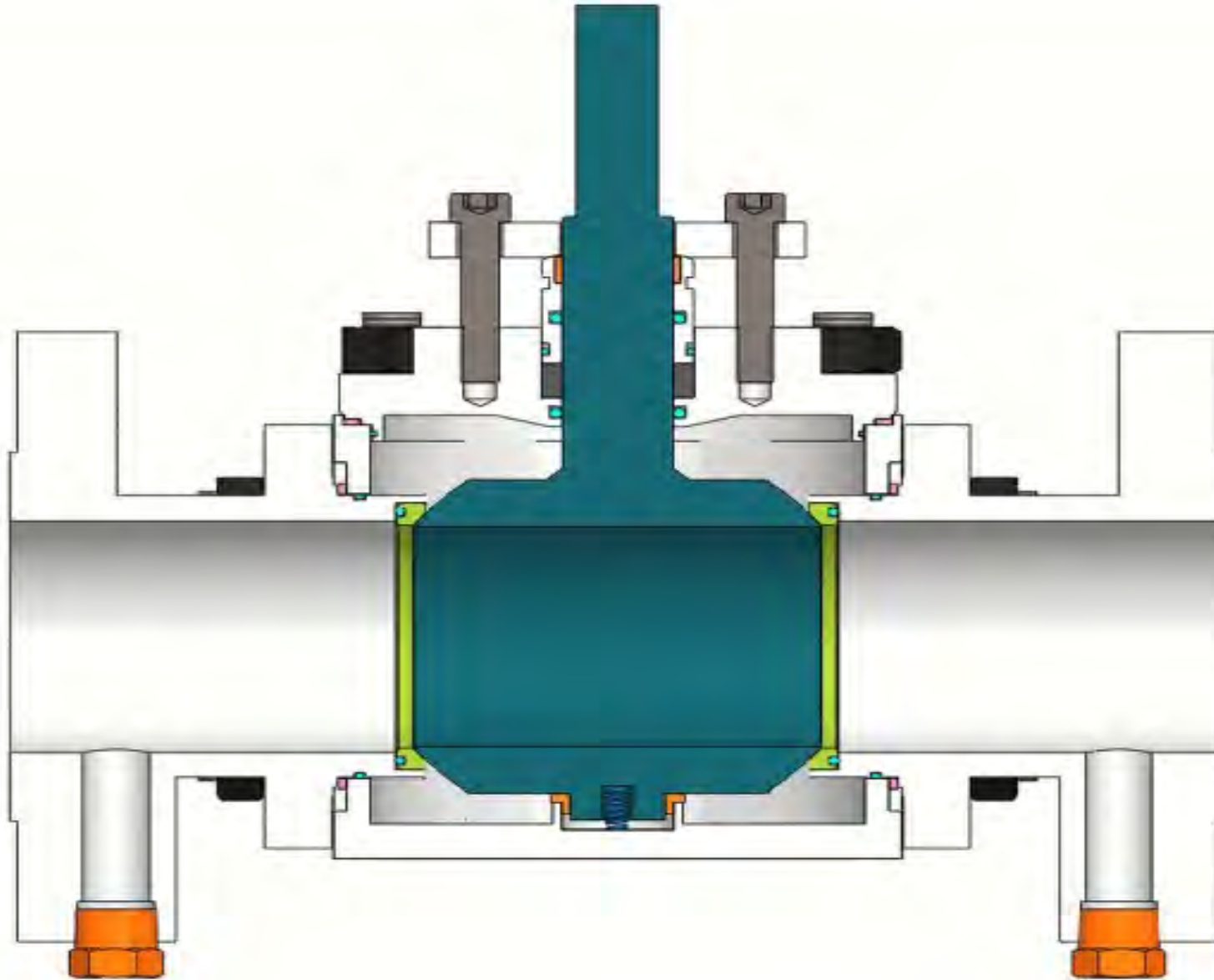


Typical Ball Valve

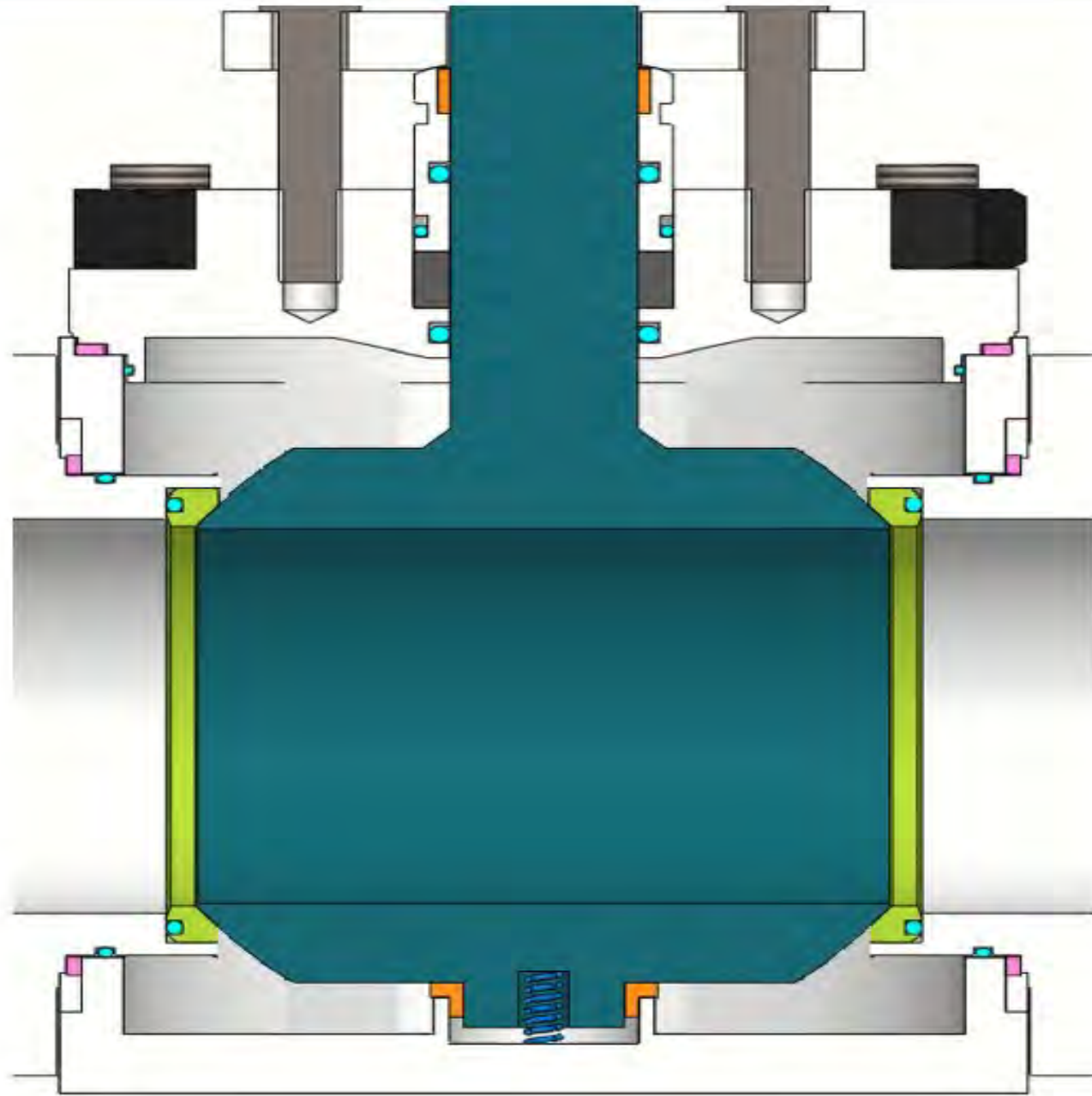
SECTIONAL VIEW ASSEMBLY-ANSI CLASS 150# & 300#



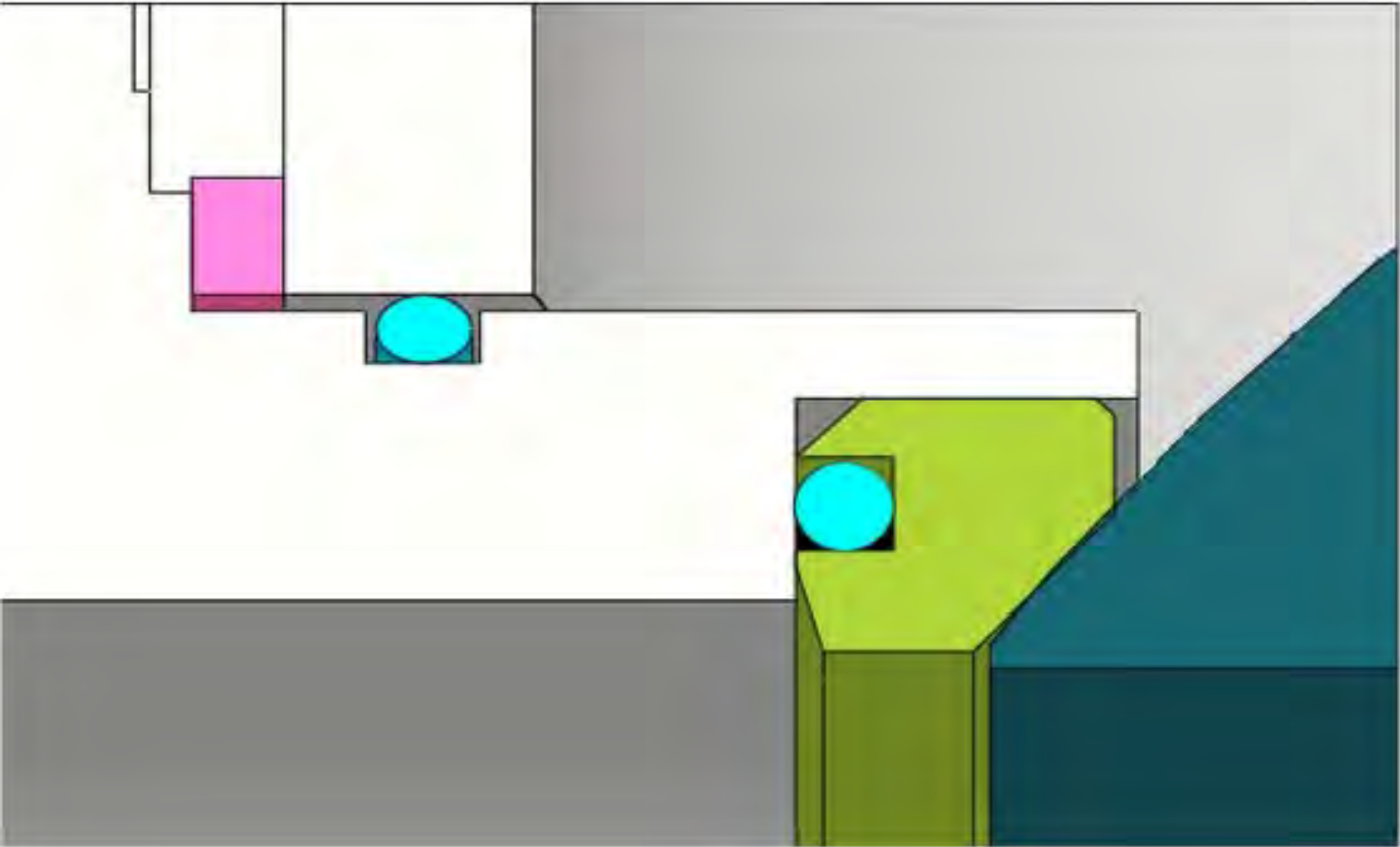
SECTIONAL VIEW – ANSI CLASS 150# & 300#



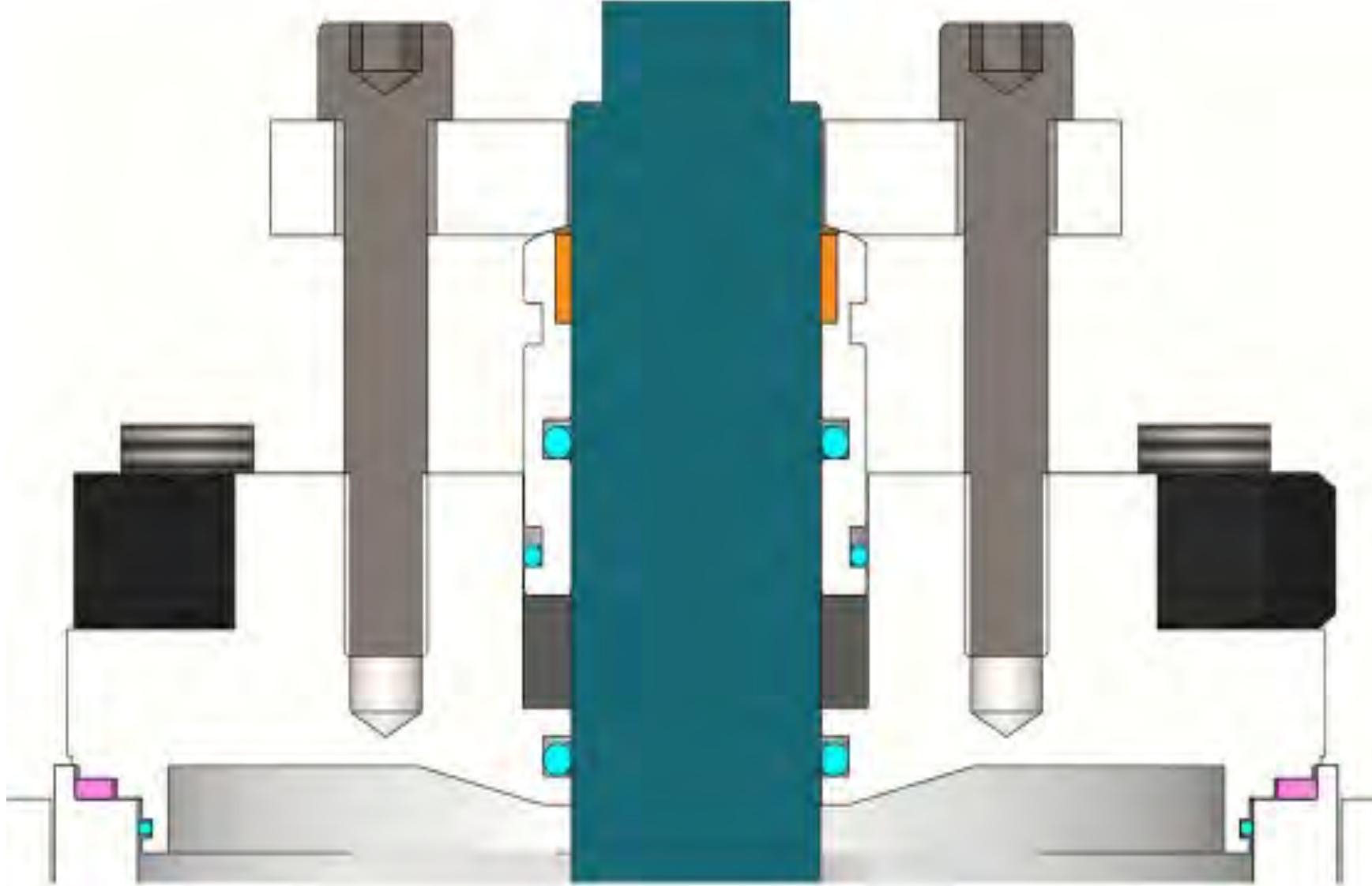
BALL ASSEMBLY – ANSI CLASS 150# & 300#



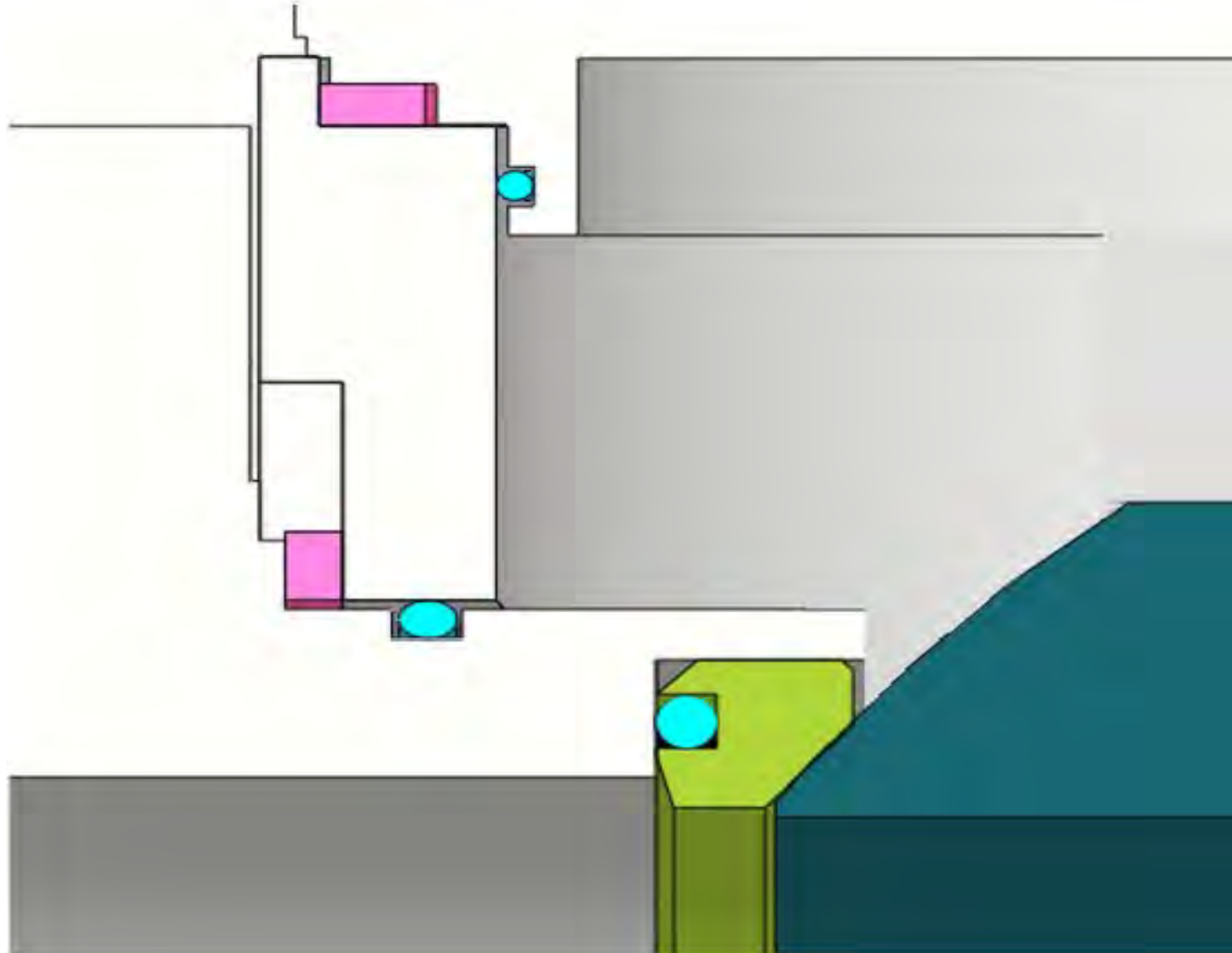
SEAT SEALING ASSEMBLY ANSI CLASS 150# & 300#



STEM SEALING – ANSI CLASS 150# & 300#



DUAL BODY SEALS – ANSI CLASS 150# & 300#

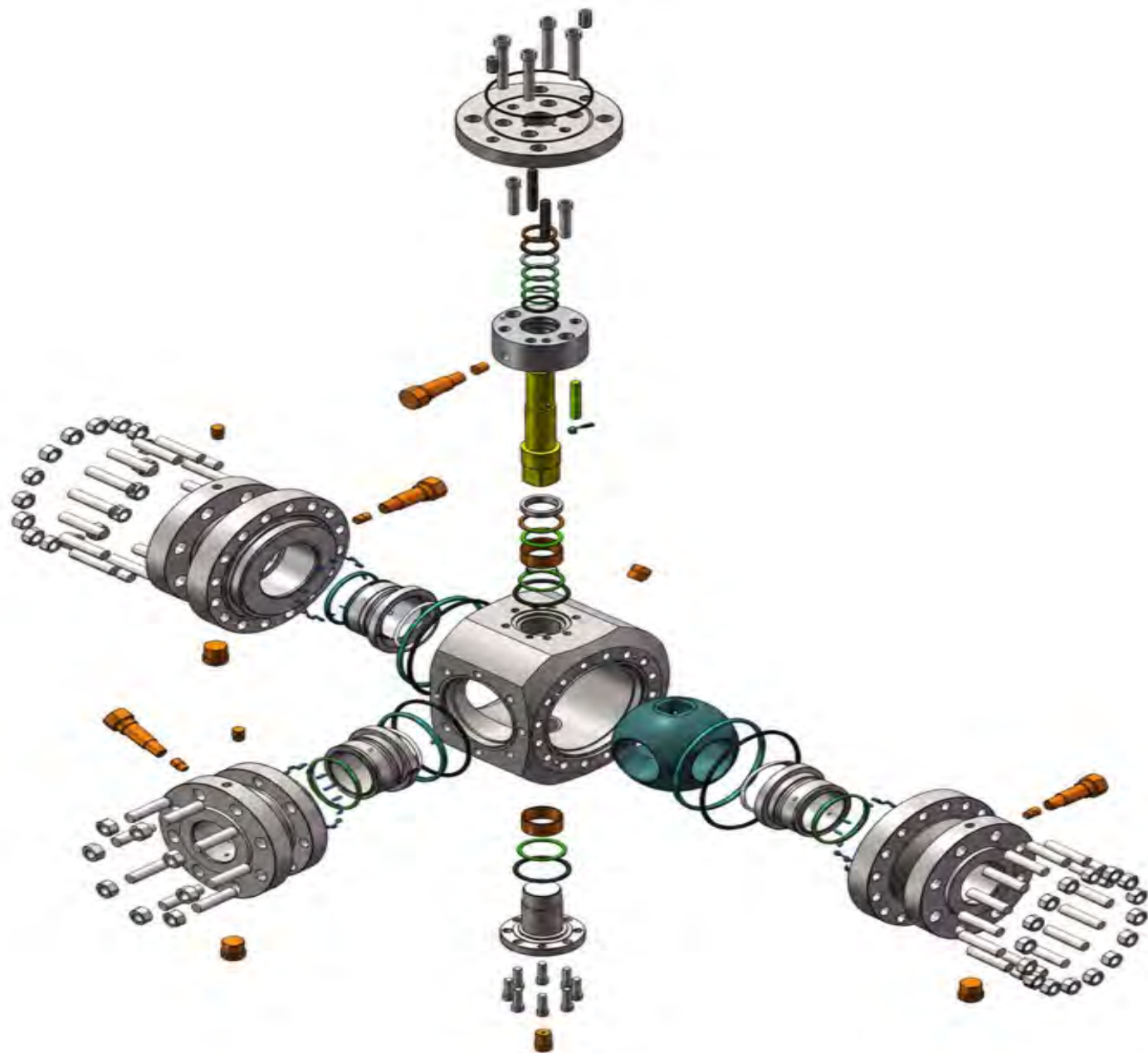


SERIES T400 – ANSI CLASS 150# & 300#

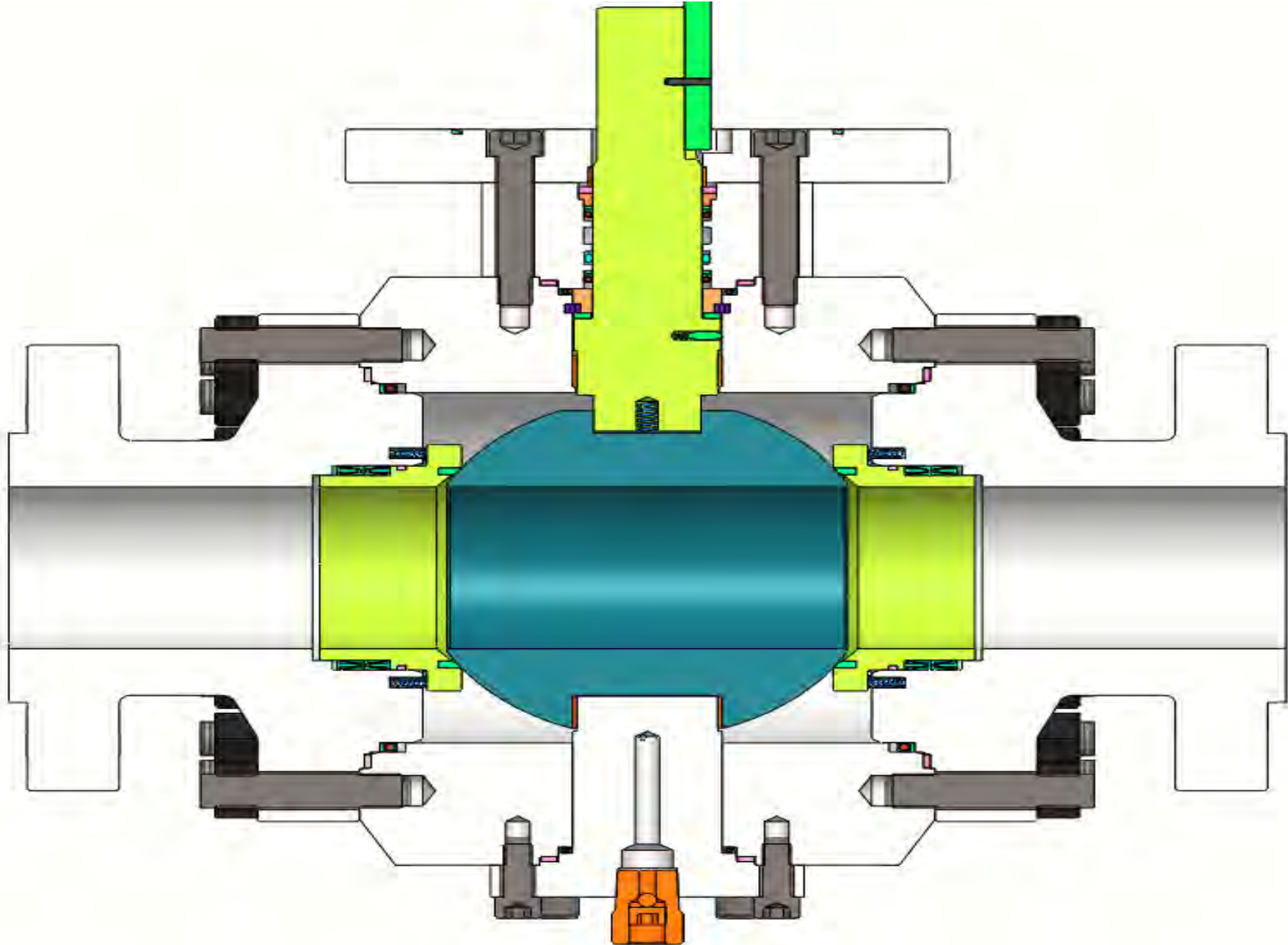
FEATURES and BENEFITS

- One piece Stem-Ball-Trunnion = Direct Torque Transfer for Actuation
- Live Loaded Resin Seats = Better Seat to Ball Shut-Off Performance & Longer in Service Life
- Trunnion and Stem Bearings = No Stem Side Loads Providing Lower Valve Torques
- Triple Stem Seals –Self Energized = Self Adjusting Stem Sealing
- Top Entry & Bolted Body Design = Provides Ease of Assembly & Disassembly - Repairs
- Fire Safe features/design = Safety
- Fugitive Emission Certified = Safety for the Environment
- Patented Built -in Bleed Feature = Eliminates the need for Bleed Ring Fittings & Gaskets
Creating Cost Savings & Less Potential Leak Points in Piping System

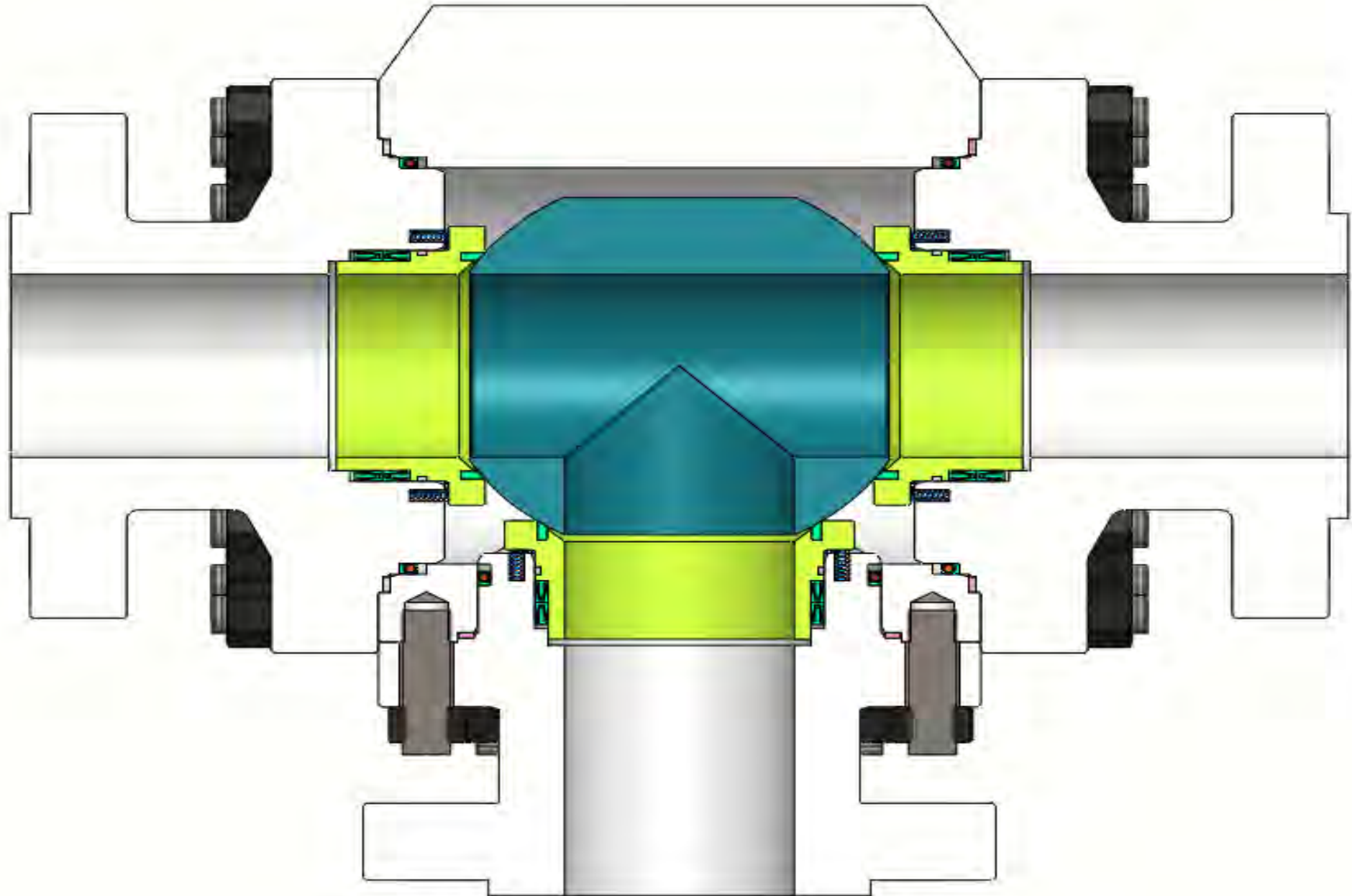
3 & 4 WAY-ANSI CLASS 600# & HIGHER



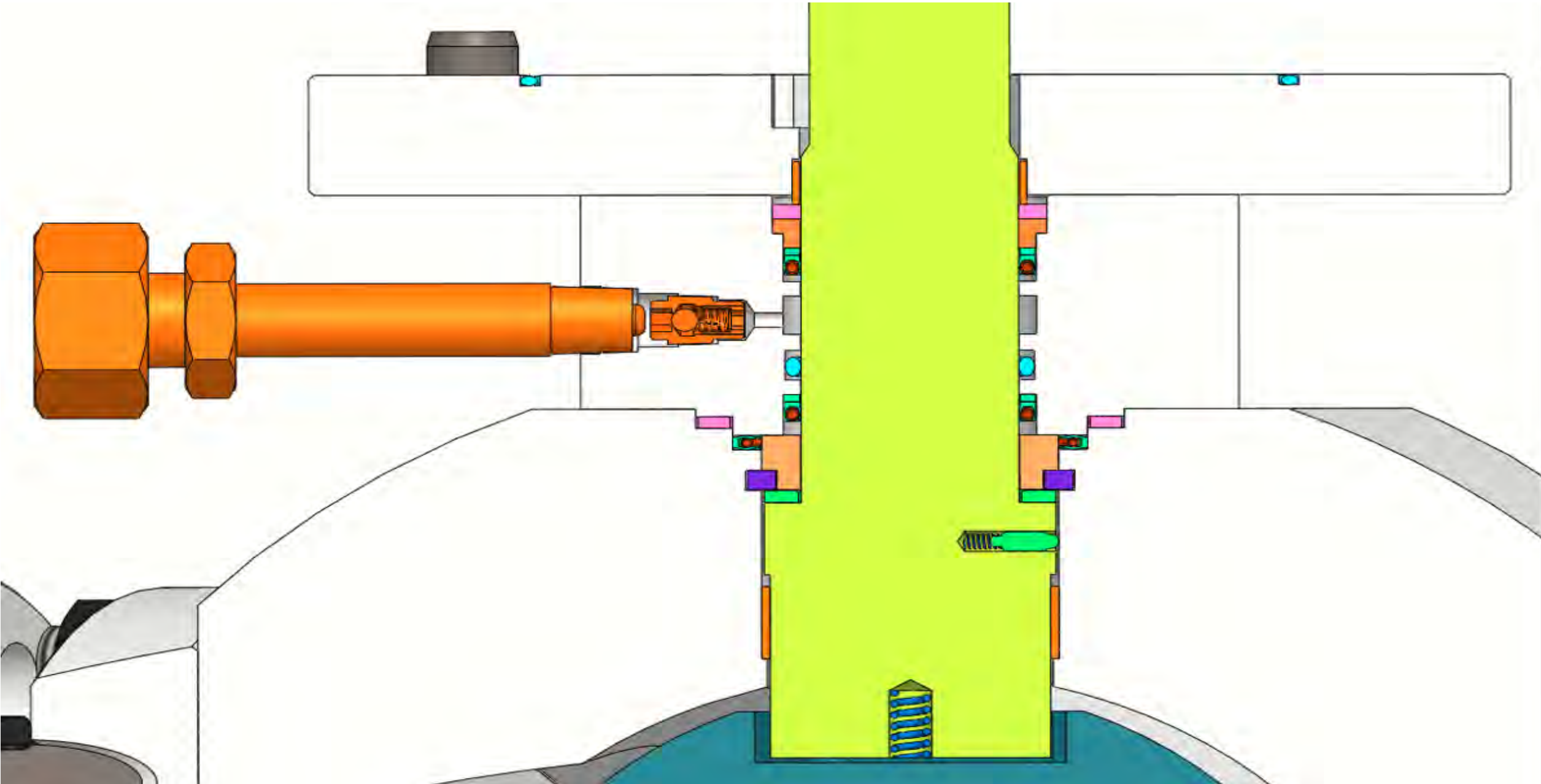
SECTIONAL VIEW – ANSI CLASS 600# & HIGHER



SECTIONAL VIEW – ANSI CLASS 600# & HIGHER

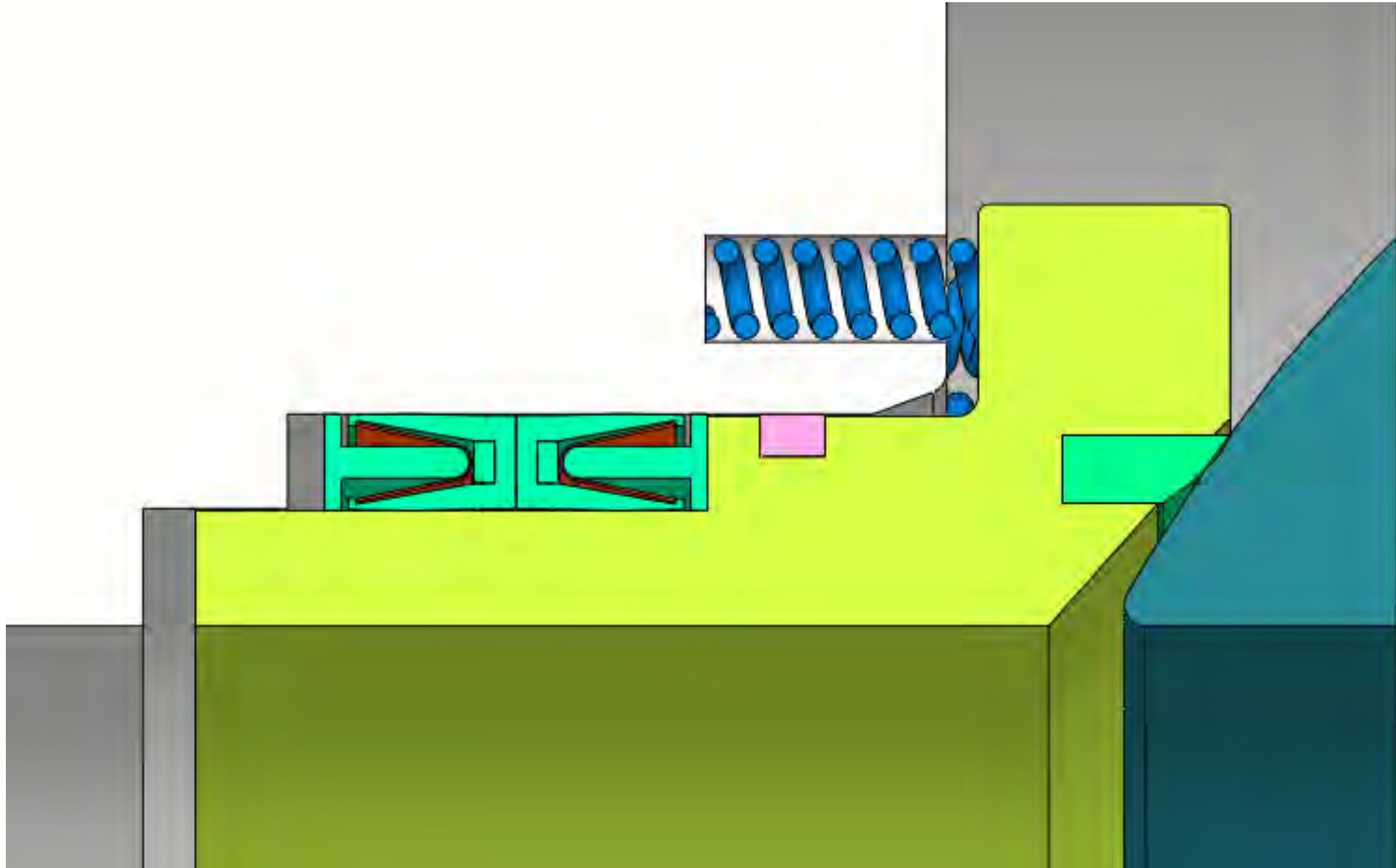


STEM SEALING – ANSI CLASS 600# & HIGHER

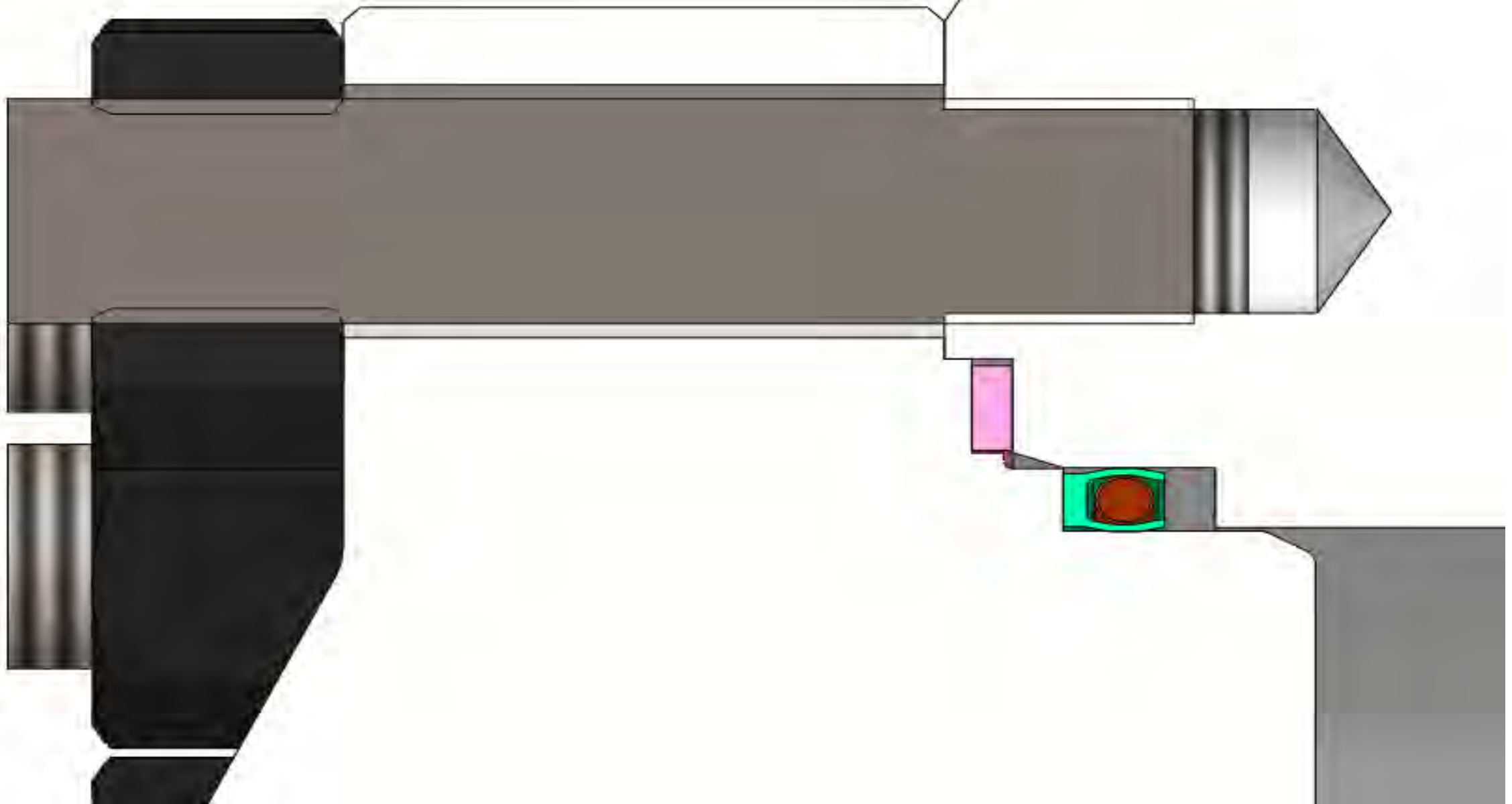


SEAT to BALL SEAL – ANSI CLASS 600# & HIGHER

SEATS ARE AVAILABLE IN DOUBLE PISTON EFFECT & SINGLE PISTON EFFECT



DUAL BODY SEALS – ANSI CLASS 600 & HIGHER



3-WAY ANSI CLASS 600#





SERIES T400 – ANSI CLASS 600# & HIGHER

FEATURES and BENEFITS

- Trunnion Mounted Ball Valve
 - Live Loaded Resin Seats
 - Trunnion and Stem Bearings
 - Multi- Stem Sealing System
 - Emergency Seat & Stem Grease Injection
 - Bolted Body Design
 - Fire Safe features/design
 - Patented Built -in Bleed Feature
- = Controlled Valve Torque(s)
 - = Better Seat to Ball Shut-Off Performance & Longer in Service Life
 - = No Stem Side Loads Providing Lower Valve Torques
 - = Self Adjusting Stem Sealing
 - = External Means of Seal Correction
 - = Provides Ease of Assembly & Disassembly - Repairs
 - = Safety
 - = Eliminates the need for Bleed Ring Fittings & Gaskets
Creating Cost Savings & Less Potential Leak Points in Piping System