

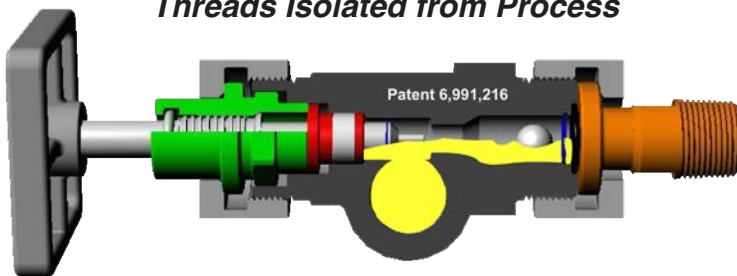
## Inferno FT15/FT25 “Free Turn” vs Conventional 330J/320J

### Unique Design “Free Turn”

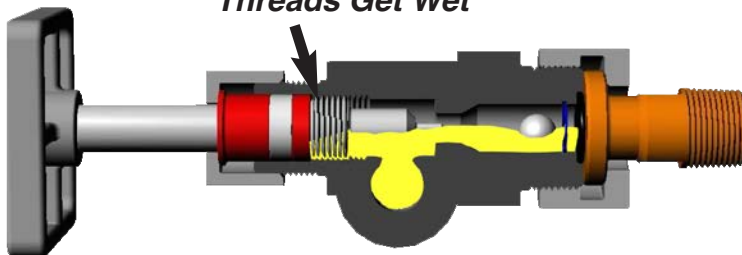
**Packing-Below-the-Threads**....Prevents process fluid from wetting the valve workings. Corrosive **salt water** and **H<sub>2</sub>S** are stopped at the packing- can't reach the internal threads.

*Attack! Killer Brine / H<sub>2</sub>S*

Inferno FT “Free Turn”  
**Threads Isolated from Process**



Conventional 330J  
**Threads Get Wet**



Internal threads get wet on conventional gage valves such as our competitor's 300 / 400 series. Corrosion product jams the internal threads of the body, leaving no room for valve stem to turn. Result: Seizure!

Unencumbered valve stem rotation is critical to performance. When stem is too hard to turn the

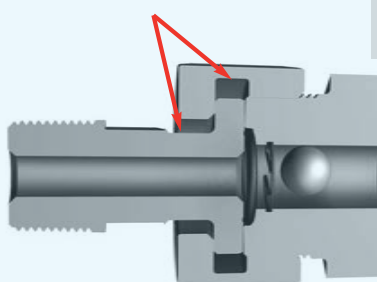


Drain and Blow Down operation is affected. Ball checks close during blow down and cannot be dislodged manually by the “pusher” on the end of the valve stem. Level does not reestablish normally in the sight glass, the Operators encounter confusing fluid behavior.

Using a wrench on the handwheel during operations, to break through the corrosion build-up, is UNSAFE. A stem can be twisted off- or a pipe nipple broken resulting in injury and product loss.

Unless the LG is double blocked the glass cannot be accessed for cleaning with swab or brush

Undercut in Shank and Nut- allows more “Float” off center than other brands



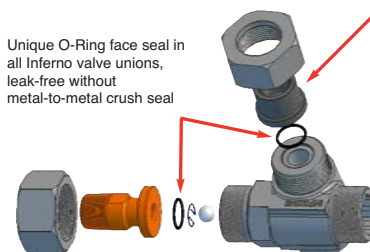
### O-Rings in all Inferno unions

up to 1/8” Float off center per union allows matching vessel C-C with ± 1/4” range

**Faster Installs...**

**Less Leakage Problems**

Unique O-Ring face seal in all Inferno valve unions, leak-free without metal-to-metal crush seal



Second union to Gage on model FT25 permits rotation of glass face during installation— maximum flexibility on “combos” made up at factory on your centers— we call this “Double Union”



DETAIL  
Dovetail groove holds O-ring in place during installation