



## Rod-Out Tool Operating Instructions

**Rod- Out Tools can be used while the process is in service, under pressure, with flow in the line.**

**Caution:** Do not exceed pressure or temperature rating of tool – refer to data plate. If data plate is missing or cannot be read, do not use tool. Replace or return to the factory for new plate.

**Warnings:** Do not flow hot process material through 1/4 turn ball valve with process valve open. (Pressure and temperature rating are based on zero process flow through the tool.)  
Do not use a hammer or any other tool to strike or add leverage to handle or push rod.

**Note:** Hydro test Rod-Out Devices, prior to each use.

### **Perform Inspection and Maintenance Procedures:**

- When rod out device passes all Inspection and Maintenance procedures, the tool is ready for use.
  - Be certain packing gland is tight and will not leak during use.
  - Check threads on process connection. Clean threads and re-tap if necessary to insure proper fit to rod-out device.
  - Close vent valve on rod out device (1/4 turn ball valve on side of rod out device).
  - Attach rod out device to process connection to be cleaned. Tighten sufficiently to prevent any leaks.
  - Open process bleeder valve to the full open position.
  - While pushing tee handle and push rod into rod-out device, rotate tee handle in clockwise direction to the full insertion position.
  - While pulling tee handle from rod out device, rotate tee handle in the clockwise direction to the fully retracted position.
  - Close process bleeder valve.
  - Vent any remaining pressure contained in the rod out device through the 1/4 turn ball valve.
  - Remove rod out device from process connection.
  - Clean rod-out device with a suitable solvent.
- Attention: These tools are designed and rated for temperatures and pressures when used strictly in accordance with these procedures.