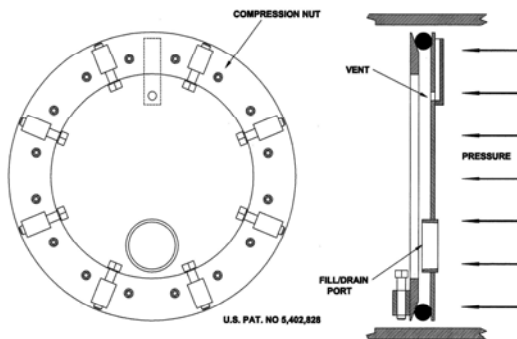


## INSTRUCTIONS FOR FACE SEAL PLUG

### CAUTION: READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE USE

Contact Petersen if there are any questions relating to the plug.

- 1) **IMPORTANT!** Use only within rating and limitations plug data tag
- 2) Measure pipe I.D. to be sealed and extend centering screws evenly until they will just fit into the pipe I.D.
- 3) Install inflation line or fitting into ¼" NPT pipe tap in junction block for inflating the seal.
- 4) Insert plug into pipe and hold there until jack screw is attached to the plug.
- 5) Attach jack to the plug using the (8) ½-13 screws supplied and tighten to 30 ft. lbs.
- 6) Adjust jack so there is minimal adjusting rod sticking out of the end of the jack.
- 7) Tighten jack till plug is held in place. Watch leveling pad to make sure that it is not sliding on the wall it is acting on. (If angle is too great that the pad can not make up the tilt – contact factory) . If the angle is not too great and pad is sliding there are 4 holes that can be anchored in to the wall if needed.
- 8) Once setup is solid – tighten the jack till the face seal on the plug is compressed enough that the aluminum rings are touching the wall face.
- 9) Look all around the plug to see if there are any gaps where the aluminum is not touching the wall face – if the gaps are more than 3/16" from the wall to the aluminum where the seal can squirt out, the wall must be filled with something to smooth that out.
- 10) The seal cannot handle more than 3/16" travel without being supported on the sides. If this is the case contact Petersen for further instructions.
- 11) If wall is smooth and flat - Inflate the seal to 100 psi at first and see if that seals the gaps. If that is not sufficient keep inflating till it stops the leak or till you get to 200psi.
- 12) Never inflate the seal unless it has something to work against and is not traveling more than 3/16".
- 13) If there are any questions or concerns always contact Petersen before doing anything.
- 14) Installation is now complete.



### Removal Instructions

1. Insure that all pressure is released from both sides of plug.
2. Drain as much water as practical from pipe.

### Storage and Maintenance Instructions

1. Completely relax all compression nuts.
2. Remove mud and debris from plug (disassemble and rinse plug if necessary).

3. After the plug is clean and dry, remove all fasteners one at a time, lightly grease, and reinstall.
4. Store plug away from direct sunlight as ultraviolet ray exposure will deteriorate the rubber seal. Store plug off the ground on wood blocking.

**Petersen Products Co. is not liable for damages resulting from improper use or application of this device. Read and understand all instructions before using this device. This product has been factory tested and guaranteed to the pressure stated on plug tag plate when installed and used correctly. Always consult the factory if there is any uncertainty. Petersen Products Co. also cannot be responsible for the material, condition, and strength of the pipe into which this device is installed. Contact Petersen with any questions on the application of this device.**