



# Isolation & Test Plug

Revolutionizing Positive Isolation and Testing of Pipe Connections



## DOUBLE BLOCK AND BLEED (DBB) PIPE PLUG

With dual sealing areas, USA Industries' Double Block & Bleed pipe plug provides positive isolation of upstream gases from your internal piping. This greatly enhances safety and makes modifications, repairs, and hot work faster and easier. A vent located between the compression seals allows you to verify seal integrity and pressure-test welds by positioning the weld between the two seals.

### FEATURES & BENEFITS:

- **Pipe Size Range:** 3/4" to 24"
- **Working Pressure:** Up to 2,500 PSI (172.4 Bar)
- **Construction:** Lightweight aluminum and steel body
- **Seal Material:** Urethane seals rated for continuous operation at 180°F; high-temperature seal options available upon request
- **Extended Reach:** Available upon request
- **Efficiency Benefits:** Reduces time and labor for weld repairs and testing
- **Cost Reduction:** Minimizes purge costs and associated waste
- **Pipe Protection:** Will not damage interior pipe walls
- **Quality Assurance:** All isolation and test plugs are manufactured under ISO 9001:2015 standards

## AVAILABLE FOR RENT OR SALE

Line Sizes 6" & Larger



*The DBB plug has a vent between the seals that enables you to verify the seal's integrity and pressure test (hydrotest) the welds by positioning the two seals over the weld area.*



Line Sizes 4" & Smaller

### PLUG OPERATION:

- Install the DBB plug upstream of the cutting and welding ("hot work") area.
- Expand the seals by tightening the compression nuts.
- Introduce a chemically inactive gas or fluid (water recommended) into the isolation zone between the seals and pressurize the pipe.
- Monitor both the isolation zone and upstream pressure during hot work to detect any pipe irregularities.
- After the weld has cooled, release the pressure, loosen the seals, and reposition the plug so the seals sit on each side of the weld area.
- Re-pressurize the isolation zone and inspect the weld for leaks or anomalies.

### WHEN ORDERING SPECIFY:

- Line Size
- Pipe Schedule
- Rental or Purchase
- Quantity
- Delivery Date

**A SPECIAL WORD OF CAUTION:** Pressure testing can be an extremely hazardous operation and safety precautions should be strictly adhered to. All connections, valves, flanges and other fittings should be checked for suitability to test pressure. Verify the line ID & Plug Range match. Most importantly - Never stand or pass in front of any test plug or other enclosure while test is in progress. If plug discharges during a test, serious injury or death could occur.