



The PI-J Valve is a heavy-duty component that, when used in conjunction with a right-hand set/right-hand release double-grip production packer, converts the packer into a temporary bridge plug. The bridge plug can be used for isolation during fracturing, acidizing, cementing. The plug can also be used for isolation during wellhead changes or pressure tests. Casing leaks can also be found by running the bridge plug in conjunction with a left-hand set/left-hand release double-grip packer. A PI-J Retrieving Head is run in conjunction with the plug to allow for successful retrieval.

Operation

- The PI-J plug is run in conjunction with a double-grip packer. The packer is run to the desired depth.
- The packer is set using normal setting procedures.
- The retrieving head is released by adding compression and then picking up on the tubing holding left-hand torque.
- The equalizing valve will automatically close as the retrieving head is disengaged.
- The plug is retrieved by lowering the retrieving head down to the packer (circulation may be required to remove debris on top of the plug).
- The retrieving head will automatically re-latch onto the PI-J valve and open the equalizing valve.
- Pressure is then equalized above and below the packer.
- Once pressure is equal, the packer can be unset using normal unsetting procedures.

Features

- Pressure balanced, positive valve operation virtually eliminates any chance of valve being accidentally opened.
- Rugged design allows for the valve to be opened or closed to set/unset packers numerous times in a single run.
- Valve is adapted to any double-grip retrievable packer, which allows it to be used with customer owned stock.

Available Sizes

in	mm
2.375	60.3
2.875	73.0