

P1-J VALVE AND RETRIEVING HEAD

PRODUCT 10-079 AND 10-080

The **TechWest P1-J Valve** is a heavy duty assembly which converts a double grip packer into a temporary bridge plug. This system is used for zonal isolation during fracing, acidizing, cementing, production/injection testing or for casing and well head pressure testing etc.

The P1-J Valve is conveyed and manipulated with the P1-J Retrieving Head, allowing for circulation, even when latched onto the P1-J Valve. When the Retrieving Head is latched and compression is applied, the valve is open. When the Retrieving Head is disconnected, the valve is securely closed.

Common double grip packers that are ran with the P1-J Valve are the Tech West Posilock Retrievable Packer (Product 20-433) and the TechSet Mechanical Packer (Product 15-603).

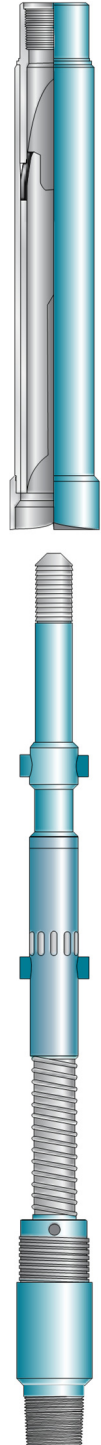
FEATURES

- Large internal bore and port hole for high flow
- Hold pressure from above and below
- High Pressure body and MolyGlass seals
- Robust pins to withstand high torque
- Resettable

OPERATION

The P1-J Valve, Retrieving Head and Double Grip packer are run to the desired setting depth. The packer is set as per normal setting procedures. Release the Retrieving Head by adding compression then picking up on the tubing holding left hand torque. The Equalizing Valve will automatically close as the Retrieving Head is disengaged.

To retrieve the Packer assembly, the P1-J Retrieving Head is lowered down to automatically re-latch onto the P1-J Valve, opening the Equalizing Valve. Unset the Packer as per normal unsetting procedures.



SPECIFICATIONS

| 10-079 and 10-080 SPECIFICATIONS | | | | |
|----------------------------------|--------------------------|--------------------------------|------------|-------------------|
| CASING SIZE | P1J VALVE PRODUCT NUMBER | RETRIEVING TOOL PRODUCT NUMBER | EUE THREAD | SHEAR YIELD POINT |
| | | | | lbs |
| 4 1/2 | 10-080-0450 | 10-079-0450 | 2 3/8 | 52,622 |
| 5 | 10-080-0450 | 10-079-0450 | 2 3/8 | 52,622 |
| 5 1/2 | 10-080-0450 | 10-079-0550 | 2 3/8 | 52,622 |
| | 10-080-0700 | 10-079-0560 | 2 7/8 | 99,698 |
| 7 | 10-080-0700 | 10-079-0700 | 2 7/8 | 99,698 |
| 8 5/8 | 10-080-0700 | 10-079-0850 | 2 7/8 | 99,698 |
| 9 5/8 | 10-080-0950 | 10-079-0950 | 3 1/2 | 99,698 |
| | 10-080-0960 | 10-079-0960 | 3 1/2 | 336,454 (3 lugs) |

STRADDLE WORK

The P1-J valve may also be ran above a LH Set / RH release packer and below a RH Set / RH release packer above to perform straddle work.

Please contact TechWest Sales for detailed running instructions in this scenario.