

IPV2 - Pump Through Shifting Tool - (PTST)

Tredwell



Specification Matrix

Key Benefits:

- Simple Design
- Self-Resetting
- Orientated for both open and closed manipulation
- Multiple uses in one trip
- Customized shifting profile to suit customer requirements
- Same PTST used for IPV2 Contingency Operation

Overview:

The IPV2 is a premium bi-directional completion barrier valve. The IPV2 is highly versatile & is ideally suited to deep barrier isolation in liner tops in conventional liner applications, gravel pack, sand screen applications, intelligent completions & multi-zone stimulation completions.

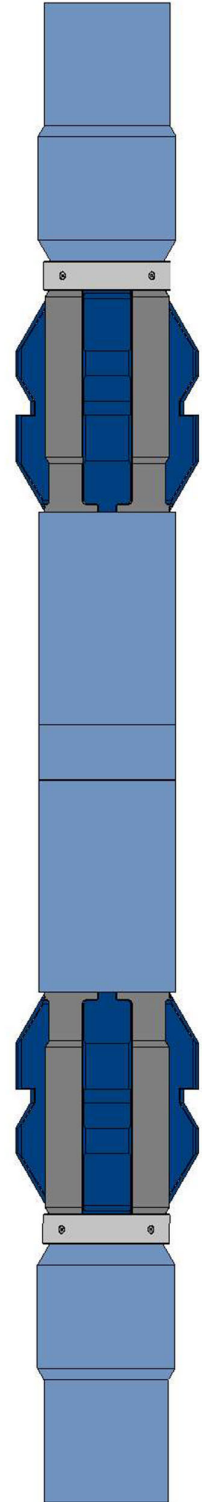
The IPV2 can be mechanically manipulated into the open and closed position using the PTST once pre deployment Factory Acceptance Tests have been completed on the closed ball.

The PTST can be installed as part of the wash string to mechanically close the ball when the wash string is POOH.

The PTST also provides the method for contingency opening the valve in the event of the Tubing Open Actuator malfunction.

The PTST implements a four-dog design ensuring positive location within the profile at any orientation. This style of shifting tool allows for customisation of the shifting profile to suit customer requirements. The tool can be used multiple times in one trip thanks to the internal re-setting system and is orientated for both Open and Closed operations.

The same PTST is also used for IPV2 contingency override activation, saving the clients inventory and additional costs.



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Formerly known as

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Collet OD	Solid OD	ID	Metallurgy	Profile Style	Open Snap out Axial Load	Close Snap Out Axial Load	Connections
*131mm 5.157"	98.00mm 3.858"	37mm 1.457"	4140 18-22Rc or L80	As Per Customer Requirement	*7,000 lbf 12,000 lbf	*10,000 lbf 16,000 lbf	As per Customer Requirement

* **Note:** Profile can be adjusted to suit customer requirements.

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