



Weatherford®

Polished Seal Bore Receptacle

The Weatherford Polished Seal Bore Receptacle is designed for applications where a large ID must be maintained through the completion while accommodating extreme tubing movements.

The Weatherford Polished Seal Bore Receptacle modular design allows tool to be easily converted from tension release to hydraulic release. The tension release and the hydraulic release incorporate a polished seal bore receptacle as well as a PBR seal assembly including 4 sets of working seal units and a debris barrier above and below the working seals. Both versions when combined with a hydraulic or hydraulic/hydrostatic set can be run in and set in one trip. The polished seal bore receptacle can be retrieved in two trips. The seal assembly is retrieved when the tubing string is recovered. The PBR seal bore is retrieved with a PBR retrieving tool.

The polished seal bore receptacle is available in varying lengths of up to 20 ft. in stroke. An adjustable shear mechanism locks the outer housing and seal mandrel together during run-in. Once the seal assembly is released, it is free to move in the bore, compensating for tubing movement. The PBR assembly can be pinned in the fully stroked, closed or midway position to accommodate pre-spacing in one-trip completions.

Features

- One-piece polished bore housing
- Full bore-seal mandrel allows passage of intervention tools
- Adjustable shear-release mechanism
- Available with premium materials and connections
- Available in stroke lengths up to 20 ft.
- Metal-to-metal connections for hostile environments
- Debris barrier above and below seals for long life
- Seals are retrieved on the tubing string
- Threaded receptacle on top for PBR retrieval on workstring

Benefits

- Maximum-flow capability
- Retrieves separately from the packer, simplifying removal
- Rugged design for rotating into liner tops and horizontal sections
- No tubing manipulation required to set
- Reduces installation time
- Can be pinned in the fully stroked, closed or midway position
- CRA materials available for hostile environments

Applications

- One-trip installations in deviated or horizontal wells
- Large-bore, high-flow-rate applications
- Production, injection, or stimulation
- Monobore completions



Tension Release

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Size	Max. O.D. <i>in./mm</i>	Seal Bore <i>in./mm</i>	Min. I.D. <i>in./mm</i>	Connections Box x Pin	Tension Release	Hydraulic Release
7" x 4.750" x 3.875"	5.880 149.35	4.750 120.65	3.875 98.43	4-1/2" VAM FJL x BLANK	880-38-001	882-38-001
9-5/8" x 6.000" x 4.875"	8.125 206.38	6.000 152.40	4.750 120.65	5-1/2" NEW VAM x BLANK	880-48-001	882-48-001