



## *TSP4L Tieback Polished-Bore Receptacle (PBR)*

Weatherford's TSP4L tieback polished-bore receptacle (PBR) has a honed sealbore that enables tying back into a liner with either a tieback seal stem or a tieback packer. It also provides the extension that is used for setting integral liner-top packers. In addition, the TSP4L PBR protects the running-tool assembly as it is run in the hole. The effectiveness of this protection is enhanced using a debris-protection system, sold separately.

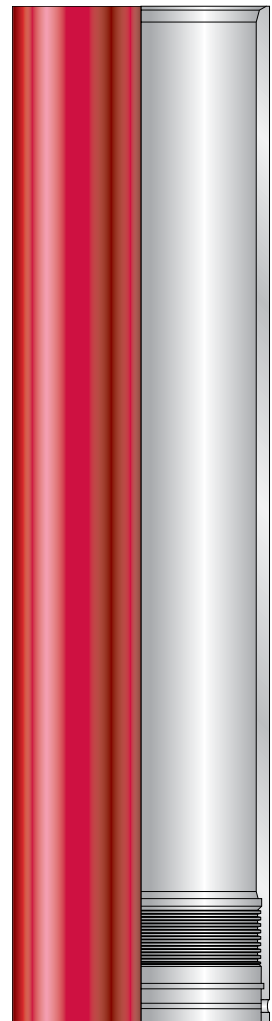
The upper end of the TSP4L PBR is chamfered, and the lower end includes a threaded connection. The tool incorporates two lock wires that lock the connection and prevent it from backing off, making the TSP4L PBR ideal for drilldown applications.

### *Applications*

- Any liner or tieback packer run with a WTSP4L-style liner-top packer
- Drilldown liners
- Liners that must be reamed down

### *Features, Advantages and Benefits*

- The TSP4L PBR's honed ID provides a reliable sealbore that enables Weatherford's tieback seal stem or tieback packer to form an effective seal against it.
- The TSP4L PBR houses the running tool string during run-in, cleanup, and cementing operations, protecting the running tools from damage.
- Two lock wires lock together the TSP4L PBR and the liner-top packer or liner-setting sleeve. This feature prevents the PBR from backing off, even as the liner is being vigorously rotated.
- The chamfered lead-in facilitates a re-entry friendly liner top, minimizing the risk of damage to the liner top and the potential for nonproductive time.





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### *Specifications*

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Sizes (in.)	5-1/2 × 7-5/8	7-5/8 × 10-3/4
Standard lengths (ft/m)	10 and 15 3.0 and 4.6	
Lengths available upon request (ft/m)	Up to 30 Up to 9	
Standard metallurgies* (ksi/MPa)	L-80 and P-110 125 861.84	

\*Other metallurgies are available upon request.