



TSP5 Tie-Back Polished Bore Receptacle (PBR)

Weatherford's TSP5 tie-back polished bore receptacle (PBR) has a honed seal bore that provides a means of tying back into a liner with either a tie-back seal stem or a tie-back packer. The TSP5 PBR also provides the extension that is used for setting integral liner-top packers. Lastly, the PBR protects the running tool assembly as it is run in the hole; the effectiveness of this protection is enhanced with the use of a debris protection system.

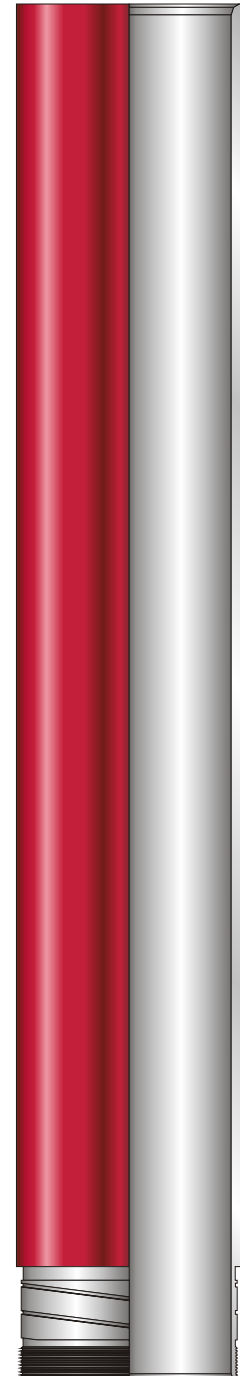
The upper end is chamfered, and the lower end includes a threaded connection. The tool incorporates a helical wire that locks the connection and prevents it from backing off, making the TSP5 tie-back PBR ideal for drill-down applications.

Applications

- Any liner or tie-back packer run with a TSP5-style liner-top packer
- Any liner or tie-back packer run with an LSS5-style liner setting sleeve
- Drill-down liners
- Liners that must be reamed down

Features, Advantages and Benefits

- Honed ID provides a reliable seal bore that allows Weatherford's tie-back seal stem or tie-back packer to form an effective seal against it.
- The TSP5 PBR houses the running tool string during running in, cleanup, and cementing operations. This feature protects the running tools from damage.
- The PBR and liner-top packer or liner setting sleeve are locked together by a helical lock wire. 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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Options

- Standard lengths are 10 and 15 ft (3 and 4.6 m); lengths up to 30 ft (9 m) are available on request.
- Standard metallurgies in most sizes are L-80 and P-110 (125 KSI); other metallurgies are available on request.

Specifications

For more information contact an authorized Weatherford representative.