



TSP4 Tie-Back Polished Bore Receptacle (PBR)

Weatherford's TSP4 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 TSP4 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.

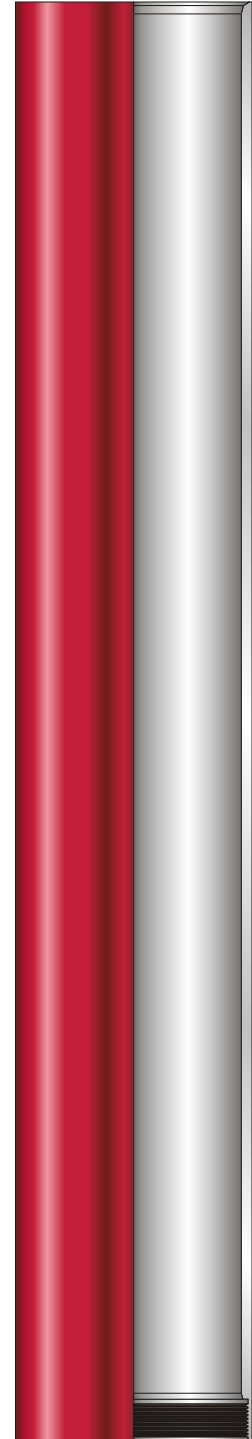
The upper end of the TSP4 PBR is chamfered, and the lower end includes a threaded connection.

Applications

- Any liner or tie-back packer run with a TSP4-style liner-top packer
- Any liner or tie-back packer run with a LSS4-style liner setting sleeve

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 TSP4 PBR houses the running tool string during running in, cleanup, and cementing operations. This feature protects the running tools from damage.
- 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.