



## *Bottom-Set Packer (BSP)*

Weatherford's bottom-set packer (BSP) is run as a second-trip isolation packer to provide a reliable, high-integrity seal between the liner OD and the host casing ID directly above an existing liner. The integral seal stem of the BSP forms an effective seal against the tie-back polished bore receptacle (PBR) of the existing liner.

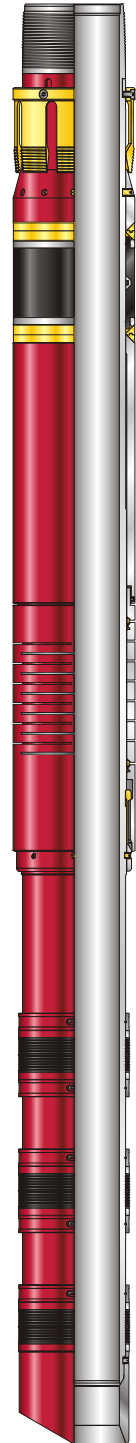
Before the BSP is set, its seal stem portion must be engaged in the previous PBR until the collet on the BSP lands on the top of the PBR. Weight is then set on the BSP to move the body downward (in relation to the external components), which sets the element and holddown slips.

### *Applications*

- Second-trip isolation packer (tie-back packer)
- Tie-back string anchor
- Lower packer on scab liners

### *Features, Advantages and Benefits*

- Peroxide-cured HNBR packing element creates a reliable seal that prevents gas migration in the cement, saving the cost of a liner-top squeeze.
- Full-bore ID imposes no restrictions to liner access for future intervention and remedial operations.
- Integral beam spring stores an internal force that helps boost the setting load on the element under dynamic loading conditions, such as temperature or pressure changes, maintaining seal integrity.
- Holddown slips and the integral body lock-ring ratchet system positively lock in the applied setting forces to ensure that the packer remains set.
- Hardened slip teeth bite and maintain hold in the hardest of casing grades, ensuring that the BSP will remain in position once installed.





## *Bottom-Set Packer (BSP)*

### *Features, Advantages and Benefits (continued)*

---

- Special collet eliminates the possibility of premature setting while running in the hole, reducing the risk to the well and the potential for nonproductive time.
- Premium molyglass seals on the seal stem can withstand high differential pressure and are almost chemically inert, making them an ideal seal for most well conditions.
- The seal stem can be pressure-tested to verify system integrity before setting the BSP.

### *Specifications*

---

Contact an authorized Weatherford representative.

### *Options*

---

- Available with seal stems 6 ft or longer
- Standard metallurgies in most sizes are L-80 and P-110 (125 ksi); other metallurgies are available on request.
- Available in a high-load model with superior holddown slip capacity
- Available in a high-pressure model with a superior packing element