



TIW has been manufacturing production packers since the 1930s, when canvas packing was considered state-of-the-art. Since then, TIW has been a leader in developing packers and packer accessories that serve the changing needs of the petroleum industry. The packer line includes:

- Permanent Packers
- Retrievable Packers with Permanent Packer Features
- Mechanical-Set Packers
- Hydraulic-Set Packers
- Dual-Completion Packers
- Retrievable Casing Packer
- Slim-Hole Packers
- Rubber Pin Packers
- Gravel-Pack Assemblies

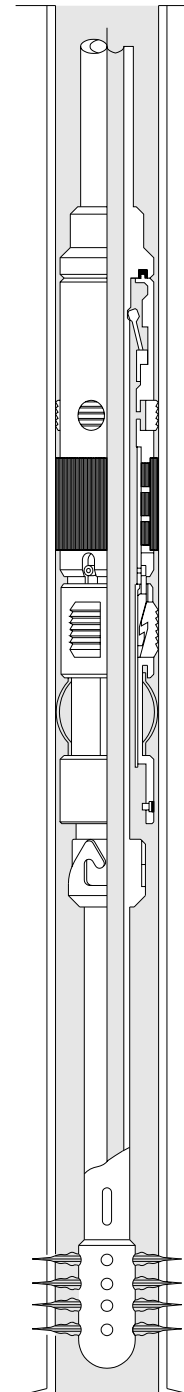
### Exclusive Permanent Packer Slips Ensure Better Completions

Two features that set TIW Permanent Packers apart can be seen in the slips.

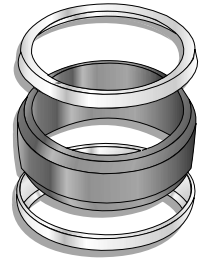
1. TIW Slips are *machined* from quality steel tubulars and hardened to obtain optimum holding capacities when they are set in any grade of casing.
2. To prevent premature slip setting, TIW uses shear screws to hold permanent packer slips in place while running-in.

### Exclusive Gold Seal Packoffs

TIW's exclusive Gold Seal Packoffs are contoured to encase the packoff elements to protect them from damage during run-in. Fabricated of a specially designed soft metal, the Gold Seal Packoff rings expand readily under normal setting pressures to match the contour of the casing wall and securely enclose the packoff elements. This secure support prevents extrusion of the elements even under high temperatures and pressures, resulting in a superior casing-to-packer seal.



Typical  
Completion  
Using the  
HB-6 Packer



Gold Seal Packoff