



ENGINEERING INNOVATION
WORLDWIDE

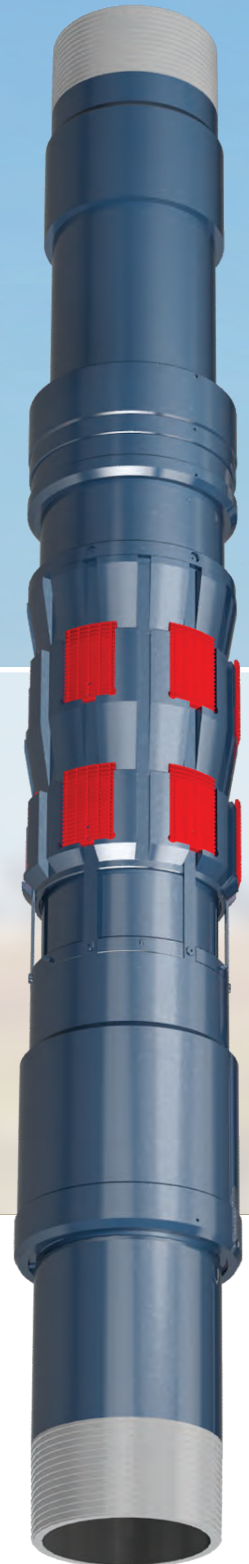
TIW[®] Liner Hangers

Conventional Liner Hanger Systems

Liner Hanger Systems

TIW Corporation has been designing specialized tools for the oil and gas industry for nearly a century. Today, our commitment to innovation, quality and reliability is stronger than ever. TIW offers a complete line of tools of liner hanger systems designed to work in every well condition.

TIW Hydraulic Liner Hanger Systems are designed to meet the challenges of offshore oil wells, onshore wells that are extremely deep, or high pressure high temperature (HPHT) wells. These systems provide for better circulating, improved displacement efficiency and cement bonding.



TIW cost-effective Mechanical Liner Hanger Systems, designed for vertical and low angle wells both onshore and offshore, provide superior performance and dependability.

The product portfolio includes liner packers, liner hangers, setting tools and accessories, surface cementing equipment, downhole cementing accessories such as port collars and stage cementing tools and tieback equipment. TIW Liner Systems are available in hydraulic and mechanical settings and can be configured for rotation, reaming or drill down capabilities.

TIW Liner Hanger Systems have been used around the world on some of the deepest and most difficult wells, on state-of-the-art horizontal completions, in deepwater applications, and where customers simply want the most reliable completion equipment available.

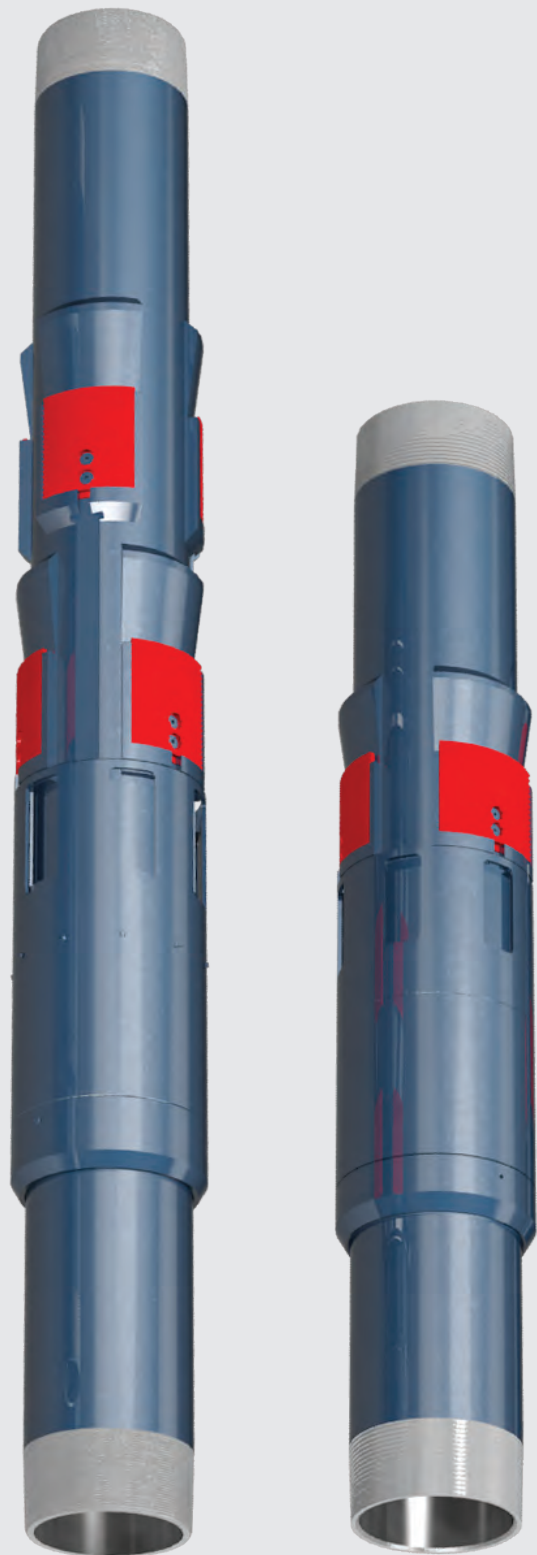
Liner Packers: run with the liner hanger to provide a positive liner to casing seal at the liner top, reduces the possibility of formation breakdown, fluid losses and gas migration in both low and high pressure applications.

Setting Collars: provide a connection point for the drill string and setting tool to carry the liner load while running the well. The setting collar usually will contain profiles for the cement bushing and profiles for rotation of the liner assembly and in most cases includes a tie back receptacle for future liner extension.

Setting Tools and Accessories: an extensive variety of setting tools and accessories designed to carry the liner in the well and optimize the operational requirements of liner installations are available.

Surface Equipment Cement Manifolds: and other surface tools are used to accommodate circulation and cementing operations commonly associated with liner deployment.

Tie Back Equipment: a variety of tieback seal nipples and tieback packers are available to accommodate liner top extension and remedial operations.



IBTC-DD Hydro-Hanger

IB-DD Hydro-Hanger