



SPEARHEAD

The Ultimate Workover Connection



Ultra High Torque

Spearhead is a high-performance, premium workover connection built for superior torque capabilities, reliability, and operational efficiency. Engineered to meet the demanding challenges of today's and tomorrow's oilfield operations, it offers cost-effective, durable performance for workovers (frac-plug drill outs, cleaning, fishing, etc.) in super-lateral, load-intensive, high-torque wells. Whether for new well completions or workover projects, Spearhead is an essential, long-lasting asset for maximizing operational success.

FEATURES & BENEFITS

- ✓ Double torque-shoulders lead to ultra high torque capacities
- ✓ Fast make-up with double start thread
- ✓ Hook thread profile and negative-angle torque-shoulders eliminate jump-outs
- ✓ Long pin nose and straight thread, results to self-alignment and prevent cross-threading
- ✓ Inertia-welded tool joints, maximize service life and reduce tube-body replacement tools

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The Spearhead is the Integral Joint version of the TTWS Connection



Design Features

The Spearhead connection represents the latest evolution in Tejas workover string design, seamlessly integrating the TTWS® high-torque thread with an inertia-welded integral-joint concept to enhance performance and longevity. This innovative design retains all the advantages of TTWS® while introducing significant engineering improvements. It features customizable tool joints that allow for adjustable OD, length, and material grade to meet specific operational demands. Additionally, the extended re-cut capability increases service life and reduces replacement costs. From an operational perspective, Spearhead runs with the ease of a standard PH6® while providing significantly higher torque capacity, enabling longer-reach interventions. Its robust design facilitates high-speed, high-torque operations without requiring a mud motor, optimizing cost efficiency. By merging proven technologies with enhanced adaptability, Spearhead sets a new benchmark in workover string performance, maximizing torque capacity, durability, operational flexibility, and cost-effectiveness in demanding well conditions.

CONNECTION DETAILS

Torque Shoulders



Thread Design



Metal-to-Metal Seal

