



# High Speed Reaming Tool (HSRT)

Advanced Casing Deployment



## Overcome challenging wellbore conditions where conventional casing running practices are limited

The **High-Speed Reaming Tool (HSRT)** is a fluid-activated casing and tubing deployment technology designed to overcome challenging wellbore conditions where conventional casing running practices are limited.

The HSRT is a next-generation completions shoe engineered to deliver multiple critical functions in a single, high-performance system, independent of casing rotation. By using hydraulic energy to rotate a jetted shoe at very high rotational speeds, the HSRT enables smooth passage through tortuous, unstable, or spiralled wellbores without the need to rotate the casing string.

The highly reliable HSRT supports casing and tubular deployment while delivering superior well-bore clean-up.

During cementing, the HSRT adds a second shear to the slurry, improving cement placement and bond quality around casing.

Powered by our unique reverse impeller drive, the HSRT operates at a debris-shattering RPM resulting in exceptional fluid carrying capacity making it an ideal solution for casing and liner deployments.



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## Features and benefits

- High-Speed Rotation: Greater than 1,500 RPM (bearings rated over 3,000 RPM)
- Fluid Activated: No mechanical casing rotation required
- Compact Design: Approx. 1m tool length
- Fully-drillable internal drive
- Compatible with drift ID
- No casing rotation required
- Available in all casing sizes and API or premium connections
- Free-rotating nose for smooth wellbore tracking without circulation
- Provides a very important second shear to the cement slurry as it is pumped through the tool
- Reduces NPT during casing deployment
- Increased efficiency when encountering wellbore obstructions
- Increased safety for floor personnel and reduced potential damage to assets
- Enhanced well bore conditioning prior to cementing giving a better cement bond



## Full-Cycle Energy Services Experts

- Proven success in vertical, high-angle, and horizontal well bore completions
- Off-the-shelf standard completion sizes from 4-1/2" to 13-5/8"
- Drift compatible - drillable internal drive
- Engineered tapered reaming structure with gauge protection
- Overcomes ledges and obstructions while minimizing drag
- Multi-directional jetting for enhanced hole conditioning
- Improved cement bond

### Product Line Statistics on Common Sizes

