

# PRODUCT OVERVIEW

## TUR UNDER REAM BOW SPRING CENTRALIZER

### ENGINEERING SOLUTIONS FOR CHALLENGING WELLS

The flexible TUR centralizer excels in providing effective cementation through restrictions. Its large flow-by area enhances fluid dynamics, ensuring improved circulation and displacement efficiency, which are crucial for achieving optimal cementing results in difficult wellbore environments.

The TUR centralizer offers several key benefits, including low starting forces and reduced running forces, which help save time during operations. Its application-specific restoring force ensures that the centralizer performs reliably in highly deviated, horizontal, and extended-reach wells. The TUR is ideal for under-reamed well sections, offshore and deepwater applications, and vertical washout areas, making it a versatile solution for complex well designs like S-Type and J-Type configurations.

### KEY PRODUCT BENEFITS

- Low starting forces
- Reduced running forces - saves time
- Application specific restoring force

### TARGET APPLICATIONS

- Under-reamed wells sections
- Offshore and deepwater
- Highly deviated wells
- Horizontal/ERD wells
- Vertical wash out sections
- S-Type/J-Type

### PRODUCT APPLICATION

The Centek TUR bow spring centralizer is engineered for use in close tolerance, under-reamed applications commonly found in some of the world's most challenging offshore fields.



