



## PRODUCT OVERVIEW

# UROS UNDER REAM OFFSET BOW SPRING CENTRALIZER

## ENGINEERING SOLUTIONS FOR CHALLENGING WELLS

The UROS centralizer features a patented offset bow design that significantly reduces starting and running forces in wells with under-reamed sections. It is specifically engineered to address challenges in navigating through previously set casings and expanding into open-hole sections. With its ultra-high-strength, single-piece bow spring design, the UROS centralizer offers enhanced durability and flexibility, allowing it to handle both axial and radial loads effectively without any weak points.

This robust centralizer provides over a 50% reduction in starting and running forces compared to traditional under-ream products, ensuring smoother run-in-hole (RIH) performance even in tight annular restrictions. The UROS centralizer is designed to return to gauge in open-hole sections, enhancing standoff and zonal isolation. Ideal for demanding applications like under-reamed well sections, tight annular spaces, offshore and deepwater projects, and complex well paths such as horizontal/ERD and S-Type/J-Type wells, the UROS centralizer meets the unique engineering challenges posed by compressed bows in under-reamed sections.

## KEY PRODUCT BENEFITS

- Engineered for ultra-high-strength and flexibility
- Returns to gauge in the open hole
- Enhanced run-in-hole (RIH), stand-off and zonal isolation

## TARGET APPLICATIONS

- Under-reamed well sections
- Tight annular applications
- Offshore and deep-water
- Highly deviated wells
- Horizontal/ERD wells
- S-Type/J-Type

## PRODUCT APPLICATION

The new USA is our most cost-effective single-piece bow spring centralizer to date. It was developed specifically for North American onshore wells, including vertical, horizontal, and deviated applications.



