

UROS SINGLE PIECE, OFFSET BOW SPRING CENTRALIZER

ENGINEERING SOLUTIONS FOR UNDER-REAMED WELLBORE SECTIONS

The UROS is a radically unique offset bow centralizer design offering reduced start and running forces in wells with under reamed sections where the main consideration is passage through previous set casing and expansion into the open-hole section.



The UROS is a robust, ultra-high-strength, single-piece bow spring centralizer with no weak points. Its engineered strength and flexibility allow it to pass through tight annular restrictions while absorbing both axial and radial loading.

The UROS demonstrates >50% reduction on starting forces and running forces compared to traditional under ream products.

PERFORMANCE RATINGS



KEY PRODUCT BENEFITS

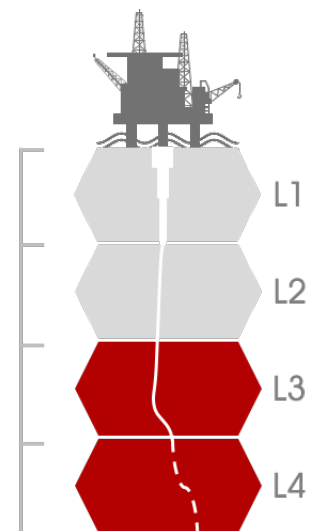
- Engineered for ultra-high-strength and flexibility
- Returns to gauge in the open hole
- Enhanced run-in-hole (RIH), stand-off and zonal isolation

TARGETED APPLICATIONS

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

UNDER-REAMED SECTIONS

Under reamed well sections create a number of engineering issues which affect the run-in-hole (RIH) performance due to the bows being 'compressed' while passing through smaller ID of the previous set casing.



PRODUCT OVERVIEW



The UROS is engineered to significantly reduce starting and running forces associated with under reamed well sections. Returning to gauge enhances RIH, stand-off and successful zonal isolation.

STOP COLLARS

The UROS is available with a high performance stop collar.

CORE PRODUCT SIZING*

Product size	PART NUMBER	
	Centralizer	Stop Collar
7" for use in 8-1/2" Hole	0700-0812UROS	0700-00SO
7" ID for use in 9-1/2" Hole	0700-0912UROS	0700-00SO
7" ID for use in 9-7/8" Hole	0700-0978UROS	0700-00SO
7-3/4" ID for use in 9-1/2" Hole	0758-0900UROS	0758-00SO
7-5/8" ID for use in 9" Hole	0758-0912UROS	0758-00SO
7-5/8" ID for use in 9-1/2" Hole	0734-0912UROS	0734-00SO
9-5/8" ID for use in 12-1/4" Hole	0958-1214UROS	0958-00SO
9-5/8" ID for use in 13-1/2" Hole	0958-1312UROS	0958-00SO
9-7/8" ID for use in 12-1/4" Hole	0978-1214UROS	0978-00SO
9-7/8" ID for use in 14" Hole	0978-1400UROS	0978-00SO
10-3/4" ID for use in 14-3/4" Hole	1034-1434UROS	1034-00SO
13-3/8" ID for use in 17-1/2" Hole	1338-1712UROS	1338-00SO
13-5/8" ID for use in 17-1/2" Hole	1358-1712UROS	1358-00SO
13-5/8" ID for use in 19" Hole	1358-1900UROS	1358-00SO
14" ID for use in 17-1/2" Hole	1400-1712UROS	1400-00SO
16" ID for use in 20" Hole	1600-2000UROS	1600-00SO
17" for use in 20" Hole	1700-2000UROS	1700-00SO

*custom sizes are available. Speak to your sales representative for more information.

FULL STRING SOLUTION

WELL TYPE	ONSHORE						ONSHORE + OFFSHORE			UNDER-REAM / OFFSHORE	
	L1				L2	L2 & L3	L3 + (L1+L2)			(L3+L4)	
WELL LEVEL	OSN	OBH	OBH-W	OBW	OBS-2	OBS	S2-HD	S2	S2 Hinged	TUR (Includes variants)	UROS (Includes variants)
PRODUCT NAME & TYPE	SOLID BODY						BOW SPRING				
	Pressed bows	Non-welded with hinge	Welded with hinge	Welded	Single piece	Single piece	Heavy duty, single piece	Single piece	Hinged	Single piece	Single piece
FLEXIBILITY (0-8)	0	5	5	5	6	4	7	7	7	8	8
RUNABILITY (0-8)	5	4	5	5	7	5	7	8	8	8	8
STRENGTH (0-8)	8	4	5	5	6	7	8	7	7	7	7

For more information talk to our Global Sales team today or use our Product Selector Tool to find the right product for your application – sales@centekgroup.com

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