

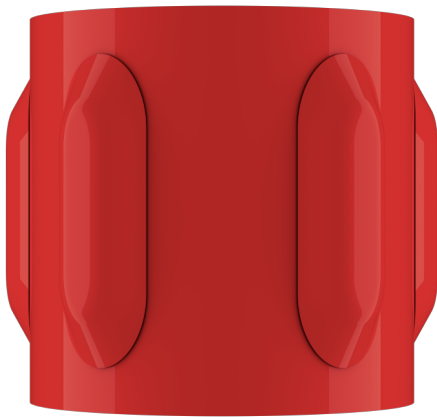
# OSN SOLID BODY CENTRALIZER

## ENGINEERING SOLUTIONS FOR LESS CHALLENGING WELLS

OSN centralizers are a high strength solid body product suitable for less demanding wells.



NEW



Made from solid steel, the OSN function like a bearing during pipe rotation and helps to reduce torque requirements.

Available with pressed and welded straight or right-handed, spiral vanes. The spiral model has a 360-degree vane design that turbulent flow increasing displacement efficiency and supporting cementing best practices.



### STOP COLLARS

The OSN is available with a range of high strength stop collars



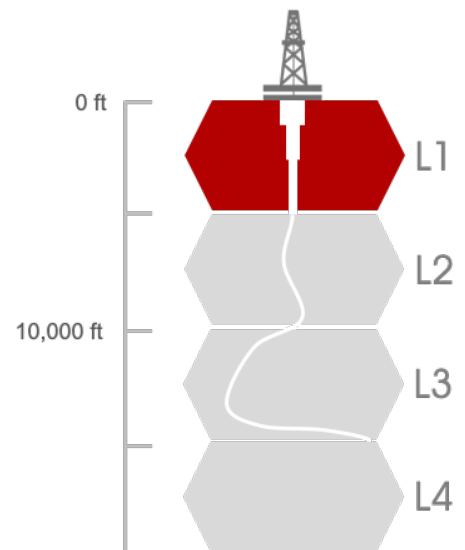
### KEY PRODUCT BENEFITS

- High axial load strength
- Straight and right-hand spiral vane designs available to maximize fluid dynamics
- Steel construction provides superior toughness
- Centek QA

### TARGETED APPLICATIONS

- Vertical and horizontal wells
- Onshore and select offshore wells
- Reach <10,000 ft
- Build rates of <math><10^0/100^0</math>

### PERFORMANCE RATINGS



# PRODUCT OVERVIEW



## CORE PRODUCT SIZE\*

Application	PART NUMBER			
	Standard	Centralizer	Right hand vanes	Straight vanes
4-1/2"ID for use in 6-1/8" Hole, Spiral Vane	0412-0600OSN		o	
4-1/2"ID for use in 6-1/8" Hole, Straight Vane	0412-0600OSN-ST			o
5-1/2" ID for use in 8-3/4" Hole, Spiral Vane	0512-0812OSN		o	
5-1/2" ID for use in 8-3/4" Hole, Straight Vane	0512-0812OSN-ST			o
7" ID for use in 8-3/4" Hole, Spiral Vane	0700-0812OSN		o	
7" ID for use in 8-3/4" Hole, Straight Vane	0700-0812OSN-ST			o
7-5/8" ID for use in 9-1/2" Hole, Spiral Vane	0758-0912OSN		o	
9-5/8" ID for use in 12-1/4" Hole, Spiral Vane	0958-1214OSN		o	
9-5/8" ID for use in 12-1/4" Hole, Straight Vane	0958-1214OSN-ST			o
9-7/8" ID for use in 12-1/4" Hole, Spiral Vane	0978-1214OSN		o	
10-3/4" ID for use in 12-1/4" Hole, Spiral Vane	1034-1214OSN		o	
13-3/8" ID for use in 16" Hole, Spiral Vane	1338-1600OSN		o	
4-1/2"ID for use in 6-1/8" Hole, Spiral Vane	0412-0600OSN		o	
13-3/8" ID for use in 17-1/2" Hole, Spiral Vane	1338-1712OSN		o	
13-3/8" ID for use in 17-1/2" Hole, Straight Vane	1338-1712OSN-ST			o

\*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](mailto:sales@centekgroup.com)

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