

## S2-HD HEAVY DUTY, SINGLE PIECE, BOW SPRING CENTRALIZER

### ENGINEERING SOLUTIONS FOR CHALLENGING WELLS

This heavy duty version of the patented S2 bow spring centralizer is engineered for ultra-high strength in challenging wells.



Single piece construction means the S2-HD has no weak points. It is designed for casing running environments with heavy loads where a solid centralizer may be used traditionally.

The S2-HD is manufactured to gauge. Its exceptional restoring force is delivered with zero start and running forces and generates high levels of stand-off.

### KEY PRODUCT BENEFITS

- Tested to exceed API 10D
- Ultra-high strength
- Made to gauge
- Optimum standoff
- Maximum flow by area
- Reduced torque and drag
- Enhanced rotation and reciprocation during run-in-hole (RIH)

### TARGETED APPLICATIONS

- Onshore and offshore
- Unconsolidated wells
- Extended reach, horizontal and highly deviated wells
- HTHP and geothermal wells
- Shale oil & gas wells
- OH completions w/packers
- Sand screen completions
- J-type and S-type

### PERFORMANCE RATINGS

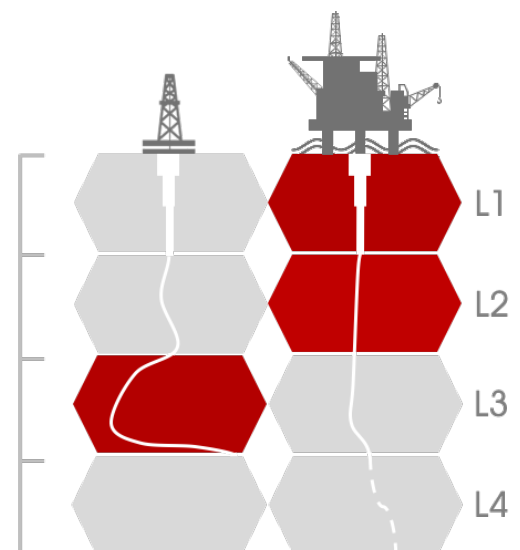
7  
FLEXIBILITY



7  
RUNABILITY



8  
STRENGTH

# PRODUCT OVERVIEW



## CORE PRODUCT SIZING\*

Product size	PART NUMBER	
	Heavy duty	
Product size	Centralizer	Stop collar
5-1/2" ID for use in 8-1/2" Hole	0512-0812SHD	0512-HDSO
5-1/2" ID for use in 8-3/4" Hole	0512-0834SHD	0512-HDSO
7" ID for use in 8-1/2" Hole	0700-0812SHD	0700-HDSO
7" ID for use in 8-3/4" Hole	0700-0834SHD	0700-HDSO
9-5/8" ID for use in 12-1/4" Hole	0958-1214SHD	0958-HDSO
9-7/8" ID for use in 12-1/4" Hole	0978-1214SHD	0978-HDSO
13-3/8" ID for use in 17-1/2" Hole	1338-1712SHD	1338-HDSO
13-5/8" ID for use in 17-1/2" Hole	1358-1712SHD	1358-HDSO
14" ID for use in 17-1/2" Hole	1400-1712SHD	1400-HDSO

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

## FULL STRING SOLUTION

WELL TYPE	ONSHORE						ONSHORE + OFFSHORE			UNDER-REAM / OFFSHORE	
WELL LEVEL	L1				L2	L2 & L3	L3 + (L1+L2)			(L3+L4)	
PRODUCT NAME & TYPE	OSN	OBH	OBH-W	OBW	OBS-2	OBS	S2-HD	S2	S2 Hinged	TUR (Includes variants)	UROS (Includes variants)
	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)											
RUNABILITY (0-8)											
STRENGTH (0-8)											

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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