

S2 SINGLE PIECE, BOW SPRING CENTRALIZER

ENGINEERING SOLUTIONS FOR CHALLENGING WELLS

The patented S2 bow spring centralizer is the premium single piece choice for challenging wellbores. Engineered strength and flexibility optimize run-in-hole (RIH) saving operators time and money getting to total depth.



Single piece construction means the S2 has no weak points. It is designed for casing running environments with severe well geometries, high build rates, extended reach, J-type, S-type as well as HTHP applications.

The S2 is manufactured to gauge, has exceptional restoring force and outstanding flexibility down hole. Because of this the S2 has received a number of awards including the prestigious Queen's Award for innovation.

PERFORMANCE RATINGS

7
FLEXIBILITY



8
RUNABILITY



7
STRENGTH

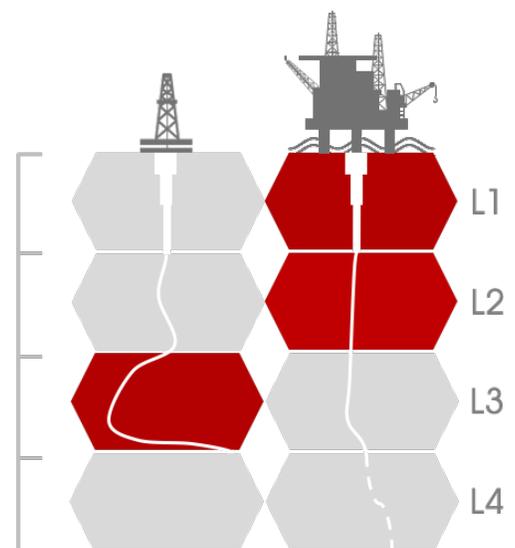



KEY PRODUCT BENEFITS

- Tested to exceed API 10D
- Supports cementing best practices
- Made to gauge
- Optimum standoff
- Maximum flow by area
- Reduced torque and drag
- Enhanced rotation and reciprocation during 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



CORE PRODUCT SIZING*

PART NUMBER		PART NUMBER	
Product size	Centralizer	Product size	Centralizer
2-7/8" ID for use in 4-1/8" Hole	0278-0418S	7-5/8" ID for use in 8-3/4" Hole	0758-0834S
3-1/2" ID for use in 6" Hole	0312-0600S	7-5/8" ID for use in 9-1/2" Hole	0758-0912S
3-1/2" ID for use in 6-1/8" Hole	0312-0618S	7-5/8" ID for use in 9-7/8" Hole	0758-0978S
3-1/2" ID for use in 8-1/4" Hole	0312-0814S	7-3/4" ID for use in 9-1/2" Hole	0734-0912S
3-1/2" ID for use in 8-1/2" Hole	0312-0812S	8-5/8" ID for use in 10-5/8" Hole	0858-1058S
4-1/2" ID for use in 5-7/8" Hole	0412-0578S	9-5/8" ID for use in 10-5/8" Hole	0958-1058S
4-1/2" ID for use in 6" Hole	0412-0600S	9-5/8" ID for use in 11-5/8" Hole	0958-1158S
4-1/2" ID for use in 6-1/8" Hole	0412-0618S	9-5/8" ID for use in 12-1/4" Hole	0958-1214S
4-1/2" ID for use in 6-1/2" Hole	0412-0612S	9-5/8" ID for use in 13-1/2" Hole	0958-1312S
4-1/2" ID for use in 6-3/4" Hole	0412-0634S	9-7/8" ID for use in 12-1/4" Hole	0978-1214S
4-1/2" ID for use in 7-7/8" Hole	0412-0778S	10" ID for use in 12-1/4" Hole	1000-1214S
4-1/2" ID for use in 8-1/2" Hole	0412-0812S	10-1/8" ID for use in 12-1/4" Hole	1018-1214S
4-1/2" ID for use in 8-3/8" Hole	0412-0838S	10-3/4" ID for use in 12-1/4" Hole	1034-1214S
5" ID for use in 6" Hole	0500-0600S	10-3/4" ID for use in 13-1/2" Hole	1034-1312S
5" ID for use in 6-1/8" Hole	0500-0618S	10-3/4" ID for use in 14-3/4" Hole	1034-1434S
5" ID for use in 6-1/2" Hole	0500-0612S	11-3/4" ID for use in 13-1/2" Hole	1134-1312S
5" ID for use in 6-3/4" Hole	0500-0634S	11-3/4" ID for use in 14-3/4" Hole	1134-1434S
5" ID for use in 8-1/2" Hole	0500-0812S	13-3/8" ID for use in 16" Hole	1338-1600S
5-1/2" ID for use in 6-1/2" Hole	0512-0612S	13-3/8" ID for use in 17-1/2" Hole	1338-1712S
5-1/2" ID for use in 6-3/4" Hole	0512-0634S	13-5/8" x ID for use in 16" Hole	1358-1600S
5-1/2" ID for use in 7-7/8" Hole	0512-0778S	13-5/8" ID for use in 17-1/2" Hole	1358-1712S
5-1/2" ID for use in 8-1/2" Hole	0512-0812S	14" ID for use in 16" Hole	1400-1600S
5-1/2" ID for use in 8-3/4" Hole	0512-0834S	14" ID for use in 17-1/2" Hole	1400-1712S
6" ID for use in 8-1/2" Hole	0600-0812S	16" ID for use in 18-5/8" Hole	1600-1858S
6" ID for use in 8-3/4" Hole	0600-0834S	16" ID for use in 20" Hole	1600-2000S
6-5/8" ID for use in 8-1/2" Hole	0658-0812S	18-5/8" ID for use in 22" Hole	1858-2200S
6-5/8" ID for use in 8-3/4" Hole	0658-0834S	18-5/8" ID for use in 23" Hole	1858-2300S
7" ID for use in 8-1/2" Hole	0700-0812S	18-5/8" ID for use in 24" Hole	1858-2400S
7" ID for use in 8-3/4" Hole	0700-0834S	20" ID for use in 24" Hole	2000-2400S
7" ID for use in 9-1/2" Hole	0700-0912S	20" ID for use in 26" Hole	2000-2600S
7" ID for use in 9-7/8" Hole	0700-0978S	22" ID for use in 26" Hole	2200-2600S
7" ID for use in 10-5/8" Hole	0700-1058S	24" ID for use in 28" Hole	2400-2800S
7-5/8" ID for use in 8-1/2" Hole	0758-0812S		

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

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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FULL STRING SOLUTION

WELL TYPE	ONSHORE						ONSHORE + OFFSHORE			UNDER-REAM / OFFSHORE	
WELL LEVEL	L1				L2	L2 & L3	L3 + (L1+L2)			(L3+L4)	
	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

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