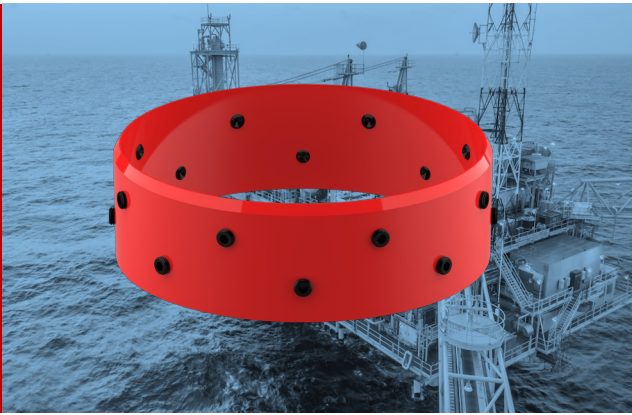


PRODUCT OVERVIEW

HDSO HEAVY DUTY SLIP-ON STOP COLLAR



ENGINEERING SOLUTIONS FOR CHALLENGING WELLS

The HDSO slip-on heavy duty stop collar is engineered for challenging well conditions where strength and reliability are paramount. Designed to securely hold centralizers on the casing, the HDSO provides exceptional holding force to withstand high axial loads, ensuring stability and performance in demanding wellbore environments. Made from the same patented steel as Centek's heavy-duty premium centralizers, each HDSO is heat-treated to enhance strength and tempered for added resilience, making it a durable solution for critical applications.

As a counterpart to the S2-HD Heavy Duty Centralizer, the HDSO stop collar features two offset rows of M12 socket set screws for secure attachment, with fitment tested up to 50 lb-ft of torque. Its anti-vibration screw retention design ensures reliable performance even in the most challenging conditions, and it is optimized for casing grades up to P110. The HDSO offers operators a robust, high-performance solution to maintain well integrity and support effective cementing operations in tough environments.

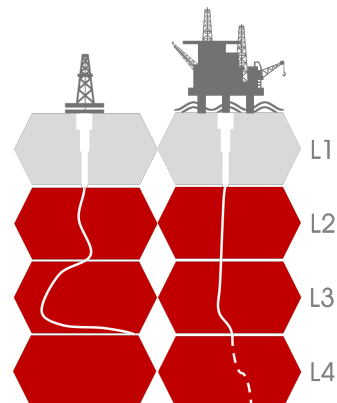
KEY PRODUCT BENEFITS

- Premium, high holding force, heavy duty slip-on stop collar
- Does not require 4" axial slippage to exceed the API 10D-2 performance standard
- Premium slip on stop collar
- Fitment tested to up to 50 lb-ft torque
- Anti-vibration screw retention
- Maximum performance on casing grades up to P110

TARGET APPLICATIONS

- Demanding well conditions

PERFORMANCE RATINGS



CORE PRODUCT SIZING

Product size	Centralizer Part Number
4 1/2" ID	0412-HDSO
5" ID	0500-HDSO
5 1/2" ID	0512-HDSO
7" ID	0700-HDSO
7 5/8" ID	0758-HDSO
7 3/4" ID	0734-HDSO
8 5/8" ID	0858-HDSO
9-3/8" ID	0938-HDSO
9 5/8" ID	0958-HDSO
9 7/8" ID	0978-HDSO
10-1/8" ID	1018-HDSO
10 3/4" ID	1034-HDSO
11 3/4" ID	1134-HDSO
13 3/8" ID	1338-HDSO
13 5/8" ID	1358-HDSO
14" ID	1400-HDSO
16" ID	1600-HDSO
18 5/8" ID	1858-HDSO
20" ID	2000-HDSO
24" ID	2400-HDSO

RECOMMENDED



S2 HD CENTRALIZER

The S2-HD Bow Spring Centralizer is engineered to provide exceptional strength and reliability in the most challenging well conditions. This heavy-duty version of the patented S2 centralizer is constructed from a single piece, ensuring no weak points and delivering ultra-high durability essential for high-load environments where traditional solid centralizers might be used. The S2-HD is specifically designed for casing-running situations in which heavy loads and extreme forces are at play.

FULL STOP COLLAR PRODUCT RANGE

MODEL	DUTY			STYLE		CONSTRUCTION		FITMENT		APPLICATION				RATING		
	Light	Standard	Heavy	Slip-on	Hinged	Steel	Heat Treated	Single Piece	Spiral Nail	Set Screws	Level 1	Level 2	Level 3	Level 4	Runability	Strength
HSN	■					■	■		■		■	■	■	■	4	4
OSO		■				■	■		■		■	■	■	■	8	6
00SO			■			■	■		■		■	■	■	■	8	7
00SH			■			■	■		■		■	■	■	■	8	7
HDSO				■	■	■	■		■		■	■	■	■	8	8
HDSH				■		■	■		■		■	■	■	■	8	8