



# CentralizR

Injected molded thermo-plastic casing  
centralizer



# CentralizR

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# CentralizR Overview

- The WOS CentralizR enables casing strings to reach total depth efficiently, provides optimal standoff for mud displacement, and greatly enhances cementing operations
- Made of injection molded, thermoplastic design, WOS introduces the next generation of composite centralizers.
- The one-piece molded CentralizR design is slick and smooth, heat resistant and highly durable



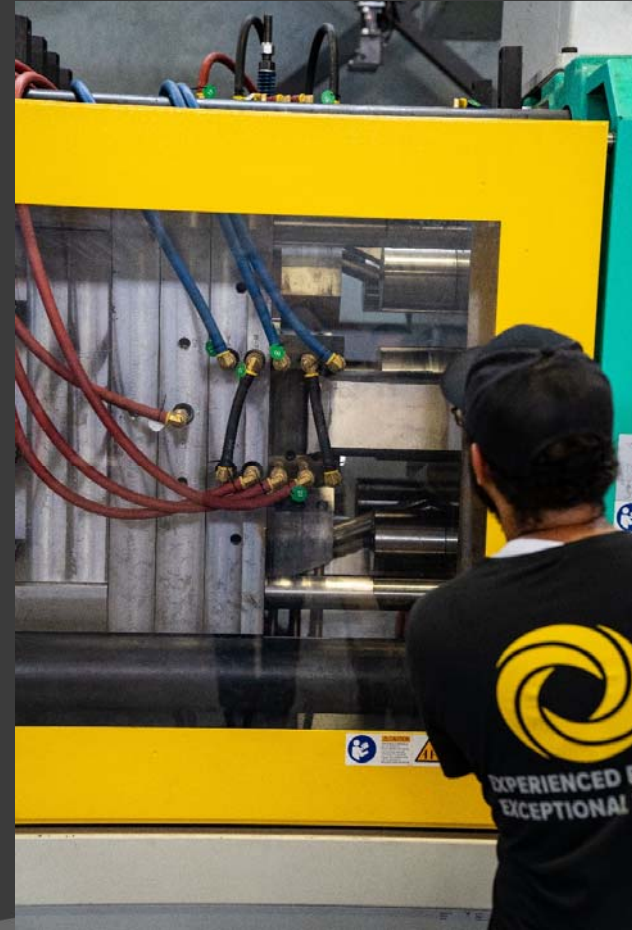
# Features

- ② Increased impact resistance and effective abrasion resistance results in high durability
- ② The dynamic blade design improves pressure drops, increased turbulent flow
- ② Available with multiple running operations, floating or integral set screws
- ② Tolerant to various climate conditions



# Benefits

- ④ Blade design increases standoff for better mud displacement and overall better cement job
- ④ Slip on design of lightweight materials allow for efficient, safe and repeatable make up
- ④ Manufactured by WOS to enhance repeatability and customization for specialty operations
- ④ Installation, handling and storage simplified over steel constructed competition
- ④ Does not confuse CCL



# CentralizR Specs

Casing CentralizR		
Casing Size (OD)	9-5/8"	5-1/2"
Min. Hole Size (ID)	12.125	8.313
ID Thru Centralizer	9.787	5.7
Centralizer OD	12	8.2
Length	8"	8"
Weight	5.7 lbs.	4.0 lbs.
Staked	Optional upon Request	

Material	Taber Abrasion Index*
PVC	100
Polycarbonate	45
G-10/Fiberglass	10
Acetal	20
<b>WOS Polymer</b>	<b>7</b>
Halar Fluoropolymer	5

\*The wear index is 1000 times the loss in weight in milligrams per cycle



# Contact Information

To secure the highest quality of tools engineered, manufactured and tested in the USA contact your local WOS representative or contacts below

Main phone - 346-774-4433

Email - [sales@wos.com](mailto:sales@wos.com)

# WOS Company Overview

- 🌀 Started Operations in Q3 2015
- 🌀 Fully Supported Downhole Tool Division
  - Design & Engineering
  - Machining & Fabrication
  - Field Operations
  - Rebuild & Redress
  - Evaluate Performance
- 🌀 Wireline
  - 4 trucks in the Northeast and 2 in West Texas
  - Started operations in July 2018
- 🌀 Operational Coverage
  - Pennsylvania, Ohio, West Virginia, and New York
  - Texas, New Mexico
  - North Dakota, Wyoming
  - Louisiana





# WOS Locations

