

WELLBORE SERVICE TOOLS | WELLBORE CLEANING TECHNOLOGY

Diamond Shoe Scraper Tool

Effectively clean small casing and liner

FEATURES

- Robust
- Integral mandrel
 - Smooth inner bore
 - No internal diameter (ID)
- Maximum radial total flow area (TFA)
- Rotating cleaning features
- Secondary retention on all fasteners
- Spring-loaded scraper blades
- Various connections available

Overview

The Diamond Shoe scraper tool is designed to help mechanically clean wellbore casing by scouring, polishing, and removing mud, film, and other restrictive material from the inner casing wall. The Diamond Shoe scraper tool can be run as a standalone device during cleanout runs where plug back total depth (PBSD) might need to be established or integrated into a single trip system in combination with other wellbore cleanup tools. The Diamond Shoe scraper tool is only available for small casing sizes, as the tool design maximizes cleanup efficiency in constrained spaces.



Diamond Shoe scraper tool

Diamond Shoe Scraper Tool Specifications

CASING SIZE (IN.)	MAXIMUM TRIP SPEED (FT/MIN)	MAXIMUM ROTATING SPEED IN TENSION (REV/MIN)	MAXIMUM ROTATING SPEED IN COMPRESSION (REV/MIN)	CASING SIZE MAXIMUM COMPRESSION WHILE ROTATING (KLB)
4.5	200	120	90	15
5	200	120	90	15
5.5	200	120	90	15

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