

# Tornar® Drilling Scraper

## Clean and solids-free Wellbore

Archer's Tornar® Drilling Scraper is a versatile tool used for cleaning the final casing section. The Tornar® Drilling Scraper is run as a part of the final hole-section drilling BHA and is utilized to prepare packer areas on the trip out of hole prior to running completions. This eliminates a dedicated clean-up run before running completions

Tornar® Drilling Scraper is ideal for sand screen completions. Tornar® Drilling Scraper is run as a part of the final bit run drilling assembly. As the bit reaches TD, a ball is dropped to activate the dormant Scraper pads. This activates the scraper pads and enables cleaning of the casing shoe by rotation and reciprocation; where upon sand screens can be run without the need for a dedicated cleanup run. The cleaning can further be improved by adding one or more drilling magnet to the drilling BHA, collecting metallic debris.

Other applications include preparing packer setting are for lower completion, scraping perforations, shoe tracks and windows after casing X-It's. It's designed to avoid damages to casing or liner while drill string is rotated and reciprocated. Design without external nuts and bolts that could become loose under extreme conditions. Tornar® Drilling Scraper tool consists of a one-piece body, a center stabilizer and scraper activation system. The Scraper activation system is dormant during RIH and activated with ball drop when cleaning is required



### Benefits

- Cleans 360 degrees
- Eliminated a dedicated wellbore clean-up run
- Withstands drilling and milling operations
- Mitigated premature lower completion failure
- Saves operational cost

### Features

- One piece mandrel
- No external nuts or bolts
- Extra-large bypass areas for improved ECD control
- Temperature (operating) 180°C
- Rotation speed 150 RPM
- Activated by ball drop system

### Specifications

Typical casing sizes

9 5/8 to 13 3/8"