Drill Tech® Casing Scraper

ROTATIONAL SCRAPER FOR DRILLING AND CLEANOUT OPERATIONS

OVERVIEW
The CleanWell® Drill Tech® casing scraper is designed to mechanically assist in cleaning wellbore casings by scouring and removing mud film and other restrictive material from the inner casing wall diameters.

The tool can be run as a standalone device for cleanout runs where plug back total depth (PBTD) may need to be established or integrated into a single-trip system in combination with other wellbore cleaning tools. The adaptable component design allows the tool to be built as required for the application of use.

FEATURES
- Robust, rotational cleaning
- Greater than 360° casing coverage without rotation
- Casing friendly blade design - eliminates casing wear concerns
- Integral mandrel
  - Smooth inner bore
  - No internal connections or upsets
- Big bore design (large IDs)
- Maximum radial total flow area (TFA)
- Fixed and spring-loaded 25° blades
  - Independent finger action
- 4145 or 4330 material construction
- Adaptable stabilizers
  - Standard stabilizers
  - Tapered mill sleeve
  - Top dress mill sleeve
- Stress concentration management
- No external bolts
- Technical specifications validated through FEA modeling
### Drill Tech® Casing Scraper Specifications

<table>
<thead>
<tr>
<th>Casing Size (in)</th>
<th>Maximum Trip Speed (ft/min)</th>
<th>Max Rotating Speed in Tension (RPM)</th>
<th>Max Rotating Speed in Compression (RPM)</th>
<th>Max Compression While Rotating (klbs)</th>
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</thead>
<tbody>
<tr>
<td>11 3/4 - 13 5/8</td>
<td>200</td>
<td>120</td>
<td>90</td>
<td>50</td>
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<tr>
<td>9 5/8 - 10 3/4</td>
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<td>7 - 8 5/8</td>
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<td>120</td>
<td>90</td>
<td>35</td>
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<td>5 - 5 1/2</td>
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<td>120</td>
<td>90</td>
<td>15</td>
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For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com