FOOTHILLS
RESOURCE SERVICES

JAM MITIGATION

Inner Tube Stabilization eliminates vibration, deflection and contact of the inner tube

True Bearing Assembly provides ultimate stabilization by eliminating rotation, deflection and vibration through a very exact tolerance

CAUSES OF CORE JAMMING

Significant study has proven that the leading causes of core jamming are:

- Deflection/Vibration of the inner tube assembly
- Outer Tube / Inner Tube Contact
- Formation Characteristics
- Friction Coefficient of Formation and Inner Tube
- Most Frequently when making connections during the coring process

DEALING WITH JAMMING

Core Jams can be an issue in some formations and are non preventable. Foothills has developed a system utilizing several components to alleviate jams and prevent core damage. While it is impossible to prevent core jamming we strive to mitigate core damage as a result.

VERSATILE

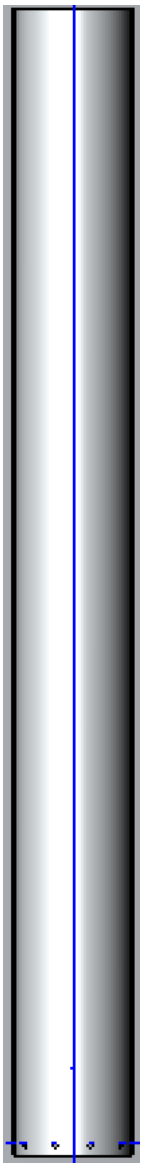
- Available in all common core sizes 5 ¼", 4" 3"
- Not effected by extreme temperatures
- Can be used in HPHT Coring

FEATURES

- Telescoping shoe assembly
- Inner Tube Stabilization
- Skirtless Catcher Spring
- Single Use Low Friction Coefficient Inner Tubes

PRINCIPLE

- **Reduce downtime from jamming**
- **Allows coring to continue where shoe jamming is a concern**
- **Mitigates milling conditions from stuck core**
- **Prevents loss of data due to lost or damaged core.**



TELESCPOING SLEEVES

- Low Friction Full Diameter sleeve can be inserted into standard aluminum or fiberglass inner tube
- Wall Jamming activates the separation of the gliding sleeve which then carries the jammed core up the system allowing coring to continue

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