

SLIPXTREME™

The New Standard in Isolation Plug Milling

SlipXtreme is the latest generation of patented industry-leading hybrid cutting technology designed for milling. The new standard to the downhole product milling market and a revolutionary answer to isolation drill out and operational efficiency.

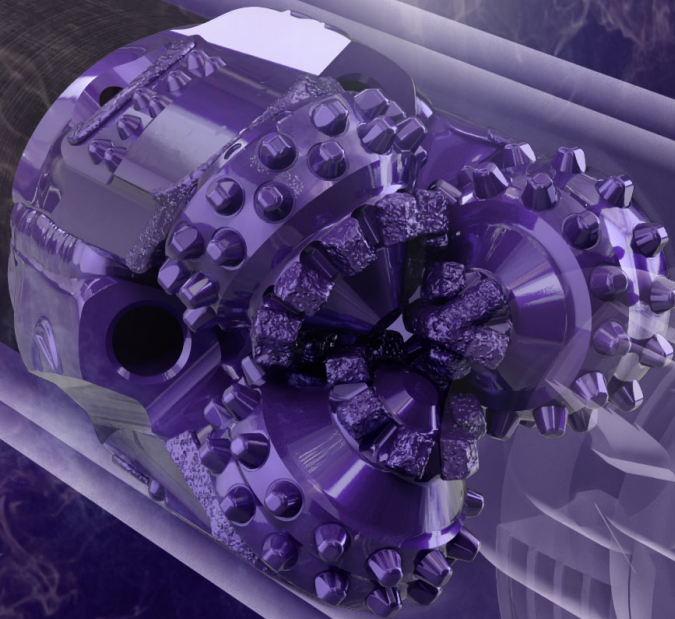
The SlipXtreme is engineered to target nonhomogeneous downhole components such with variability such as bridge and frac plugs as well as the more demanding requirements of cast iron or ceramic slips.

Tungsten carbide inserts and hard-faced steel teeth are arrayed in the cutting structure to cut both hard and soft materials found in various isolation plugs. SlipXtreme incorporates modified steel tooth rows for improved wear resistance and increased out row insert count for added toughness and durability.

High performance journal bearing and shirrtail protection allow for both motor and rotary applications when drilling plugs or other downhole equipment.

Relentless Enhancements in Durability

- Bearing Enhancements
 - Seal Improvements
 - Highest Durable Cone Steel
 - Improved Hydraulic Efficiency
- Shirrtail Enhancement



 **VAREEL**
ENERGY SOLUTIONS

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Enhancements in Bearing Performance

Increased Bearing Stability

- Increased cone stability
- Tightened overall bearing tolerances and clearances
- Increased bearing surface

Increased Seal Life

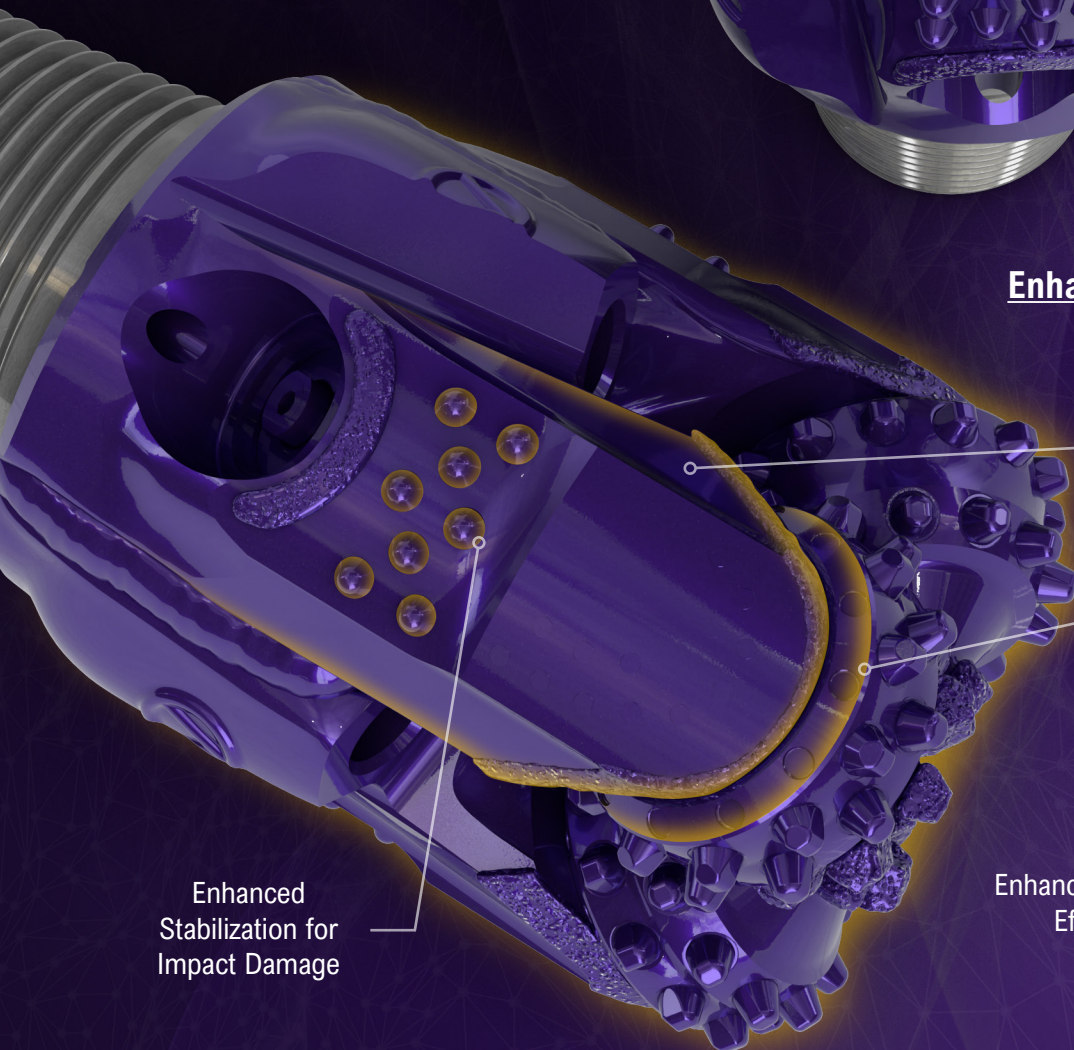
- Increased seal coverage drastically
- Added VES's **patented** full capture seal gland

Improved Bearing Lubrication

- Enhanced pilot lube hole
- Enhanced two thrust face lube holes
- Enhanced secondary grease port to enhance seal lubrication



Enhancements in Cone Protection and Structural Durability



Enhance Shirttail Geometry

Integral Heel Row Protection

Patented MaxCarb™ Cone Protection

Enhanced Hydraulic Efficiency

Enhanced Stabilization for Impact Damage