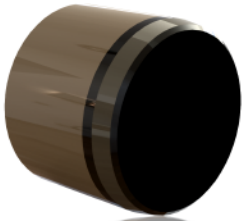# SHAPED PDC
ELEVATED

The Drilformance suite of shaped cutter options solves a wide range of challenges. Our offerings turn up the performance in a wide range of formations to dramatically extend the length of our runs and improve penetration rates in the most demanding directional applications.

TD Cutter

The innovative bimodal chamfer geometry applied to our premium *CRYOEDGE*™ PDC magnifies impact resistance by redistributing severe loads.   Damage incurred by stick slip and whirl is significantly reduced leading to longer, faster runs. This torsionally efficient cutter optimizes rate of penetration and improves directional control.
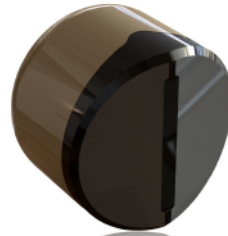
APEX Cutter

Premium impact resistant PDC formulation and plow contoured face geometry merge to provide an unsurpassed solution to drilling interbedded formations.   Apex point loading results in 10-15% more efficient rock destruction with less WOB and torque.   An ultra thick diamond working layer is introduced to deliver top tier thermal stability and abrasion resistance.

VICTOR Cutter

Leveraging the benefits of point loading at the diamond-rock interface, this design performs well in a wide variety of drilling conditions.   By creating a high stress concentration fracture, drilling efficiency is markedly improved.   Strategic placement of the cutter results in dramatically improved directional control in motor steerable applications.
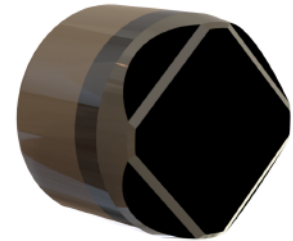
BADGER Cutter

Unique face contouring amplifies the performance of this element in soft and plastic formations.   Faceted scoop geometry attacks the rock from multiple angles to heighten drilling efficiency. Improved chip clearance from the cutting face reduce the working edge temperature and act to keep cutting geometry intact while accelerating penetration rates.

BADGER Claw

Designed as a backup torque limiting insert, the unique polyhedron geometry aids in drill bit directional control.   Insert placement is carefully defined to manage torque levels during sliding operations while allowing for increased depth of cut while rotating.

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Drilformance
YOUR DRILLING EDGE