The Halliburton MegaForce™ bit features advanced SelectCutter™ PDC technology, ultra-efficient cutter layout force balancing, improved erosion resistant material and enhanced hydraulics. Designed for an operator's specific application by one of our Application Design Evaluation (ADESM) service specialists using our industry-unique Design at the Customer Interface (DatCISM) Process, the result is a matrix bit with a combination of higher ROP and longer intervals drilled than any other bit.

The Industry’s Most Robust Matrix Body Bit

SelectCutter™ PDC Technology allows the bit to stay sharper longer producing more footage at higher ROPs.

Multi Level Force Balancing increases the bit stability while drilling through transitions and increases efficiency. Low imbalance force (shown Left) created by even distribution of cutting force as bit enters formation transition.

Optimized Shank Length
Reduced bit length for directional control

Enhanced Hydraulics through the use of micro nozzles to improve the fluid flow across the cutting structure.

Advanced Tungsten Carbide Matrix Material helps to reduce erosion and wear on PDC bit bodies.

Design at the Customer Interface (DatCISM) Process is a continuous-improvement loop that uses a global network of Application Design and Evaluation (ADESM) service specialists who work directly with the customer to define application-specific bit solutions. These specialists are familiar with your application needs and deliver personalized, professional services.
SelectCutter™ PDC Technology

The Halliburton MegaForce™ bit features advanced cutter technology with three primary drivers of cutter performance:

- **Abrasion Resistance** ensures that cutters maintain a sharp edge by keeping the diamond loss low.
- **Impact Resistance** keeps the cutter from failing due to dynamic forces and vibrations under normal drilling conditions.
- **Thermal Mechanical Integrity™** works to remove heat generated from friction to ensure that the diamond to diamond bonds do not break down.