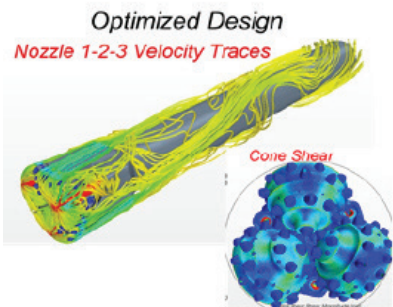
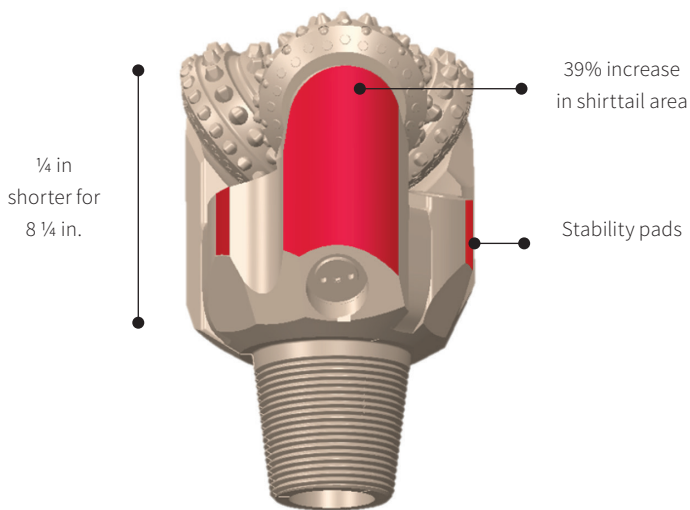


Hercules Roller Cone Drill Bit

Harsh environment drilling solution

Hercules™ drill bits have been re-engineered to provide stable and reliable directional performance in interbedded and intrusive formations. Field proven design philosophies enable harsh directional sections to be drilled faster and more consistently. Hercules is built on the new lug platform which reduces g-forces experienced during intermittent and cyclical side loading. Each bit is equipped with a premium bearing system and designed with optimized hydraulics for increased cleaning and efficient drilling.

Available in sizes 6 in. through 12 ¼ in.



Product Details

Value to the Customer

The new platform delivers reliability and lower cost through improved:

- Stability which leads to longer cutting structure life and higher instantaneous and average rate of penetration
- Durability of shirrtail resulting in more effective seal life and bearing reliability
- Hydraulic efficiency ensures the bit engages new rock on every rotation yielding a higher rate of penetration and longer cutting structure life
- Proven premium bearings and cutting structures system provides smooth, reliable performance

Hercules Platform Features

- Built-in stability reduces the g's experienced during intermittent and cyclical side loading
- Larger, customized shirrtail protection maintains stability without increased wear/drag or limiting annular flow.
- Reduced makeup length reduces bit to bend and stress during rotational mode
- Optimized hydraulics specific to the cutting structure and lug geometry improve cone cleaning and cuttings evacuation

