**APPLICATIONS**
- Roller cone drill bits in impact-prone carbonate formations

**BENEFITS**
- Reduces heat checking and subsequent insert chipping and breakage
- Enables longer and faster bit runs due to improved dull condition

**FEATURES**
- Coarse-grained tungsten carbide material
- Carbonate-optimized insert

Initially created for carbonate lithologies in the Middle East, Xplorer Shamal* carbonate-optimized inserts elevate application-based drillbit design in a wide range of environments. With a specially designed insert shape, bits using these enhanced TCI cutting elements deliver maximum toughness for carbonate-based drilling operations around the world.

*Xmark of Schlumberger

Xplorer Shamal inserts are durable enough to enable carbonate-based drilling around the world.

slb.com/rollercone