

# A-FORCE™

## Bits Designed for Underbalanced Drilling



Sealed journal bearing air bits meet the need of air, water mist, and foam fluid systems to drill in all under-balanced applications. A-FORCE TCI cutting structures are specifically designed for use in underbalanced drilling regardless of the fluid system being utilized. A sealed journal bearing system improves bearing heat management and accommodates increased drilling parameters.

### Application

- Air, water mist, foam or any combination
- Medium hard formations
- For all rotary and motor drilling

### Features / Benefits

- Cutting structures are designed aggressively for under-balanced drilling conditions and formations typically encountered
- Patented bearing seal package improves bearing life for longer drilling time and more footage drilled
- Replaceable nozzles with either nail retention or snap ring retention are supplied for the best hydraulics possible
- Advanced synthetic grease improves bearing lubrication and reliability in high speed motor applications
- High speed sealed journal with silver plated bearing elements provides for rotary or motor applications