

Open Hole Technology

ASK HCC7

RWD2 Ream While Drilling Technology

It doesn't matter what kind of assembly you're drilling with (rotary, rotary steerable, motor steerable), or your application (vertical, directional, extended reach, through tubing), Hughes Christensen has a tool that enables you to drill out cement and float equipment and then drill and ream the remaining interval in one continuous operation. Our RWD2 (rotary), RWD2S (steerable) and RWD2ST (slimhole) fixed blade eccentric reamers are designed to tackle hole opening applications in the most demanding well bore geometries... *without the risks and performance limitations associated with bi-center bits and conventional underreamers.*

The new RWD2/S/ST tools feature patented cutter and blade layouts that protect casing while drilling out and optimize performance while drilling ahead in new formation. Our patented new Active Stabilization Pad (ASP) minimizes harmful vibrations, insuring smooth drilling and a full gauge hole. Genesis cutters and refined cutting structures enable the RWD2 family to drill harder formations than ever before. Modified body geometries improve directional response, reducing the amount of time spent sliding and increasing overall rates of penetration.

Like the previous generation, the RWD2 family has no moving parts - this eliminates any risk of leaving underreamer arms, pins and other components in the hole, along with the associated expense of fishing and non-productive time.

Unlike conventional bi-center bits, the two-piece design of RWD2 and RWD2S provides remarkable flexibility when choosing pilot bits and bottomhole assemblies.

Combined, the unique new features that define the RWD2 family of products provide:

- Improved "drill out" capability
- Unmatched steerability
- Superior hole quality
- Outstanding pilot bit and BHA flexibility

The results? Smooth gauge wellbores. Faster, cost effective, more reliable hole enlargement. The RWD2 family of products takes hole enlargement to a new level.

RWD2 Tool

Designed for straight-hole, rotary applications, the RWD2 tool has, in many cases, reduced by half the costs associated with conventional drilling and reaming techniques.

PDC or Tricone Pilot Bit. Pendulum or packed rotary assemblies. The RWD2 tool allows you to select the combination that will optimize drilling efficiency and dramatically reduce cost per foot.

Configured with a box up, pin down, the RWD2 is typically run up string in 12-1/4" to 22" drill sizes.

