

DRILLING SERVICES

RIPTIDE[®] DRILLING REAMER

Maximizing hole-enlargement-
while-drilling speed and reliability



Weatherford[®]

DRILL AND ENLARGE FASTER

The RipTide® drilling reamer helps you to drill a smooth, concentric underreamed hole to total depth in one trip.

We help you to maximize drilling efficiency and borehole quality. Field proven in every asset type from unconventional to deepwater, RipTide drilling reamers enlarge holes up to 30% beyond bit diameter and deliver a high-quality, completion-ready wellbore.

Our reamers feature a mass-balanced, triple cutter-block arrangement that minimizes vibration while drilling. Optionally equipped with our exclusive radio-frequency identification (RFID) technology and new ReamSync™ borehole enlargement performance system, the RipTide reamer offers unlimited activations and exceptional cutting performance in abrasive deepwater formations.

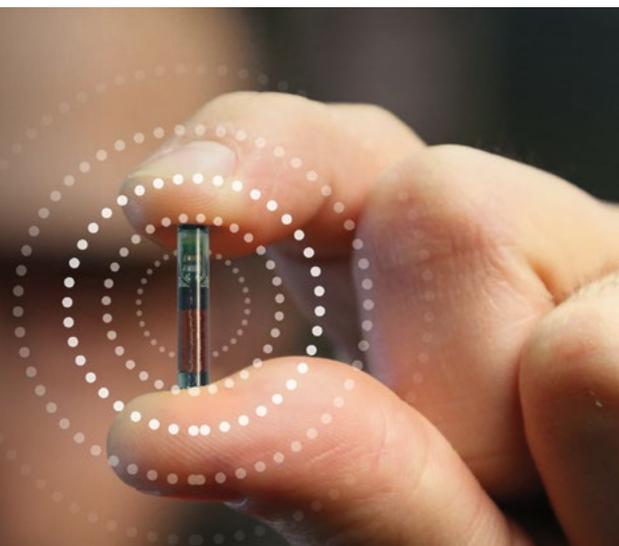


RipTide drilling reamer applications

- Underreaming-while-drilling with rotary-steerable assemblies
- Preparing boreholes for solid-expandable installations
- Minimizing rathole length (when equipped with the RipTide Rathole Killer reamer)

CHOOSE THE ACTIVATION METHOD THAT WORKS FOR YOU

The RipTide reamer can be activated via a mechanical ball-drop system, pressure-cycle activation, or electronic RFID tags. Our industry leading RFID system provides unlimited downhole activation cycles and gives you the ability to place multiple reamers in the drilling assembly.



IMPROVE DRILLING PERFORMANCE IN ABRASIVE FORMATIONS

The RipTide drilling reamer—activated mechanically or with our exclusive RFID option—is now enhanced with the ReamSync borehole enlargement performance system. This three-tiered process combines dull-grading analysis, cutter-versus-formation interactive modeling, and advanced polycrystalline diamond cutters (PDCs).

SPE- and IADC-approved dull grading

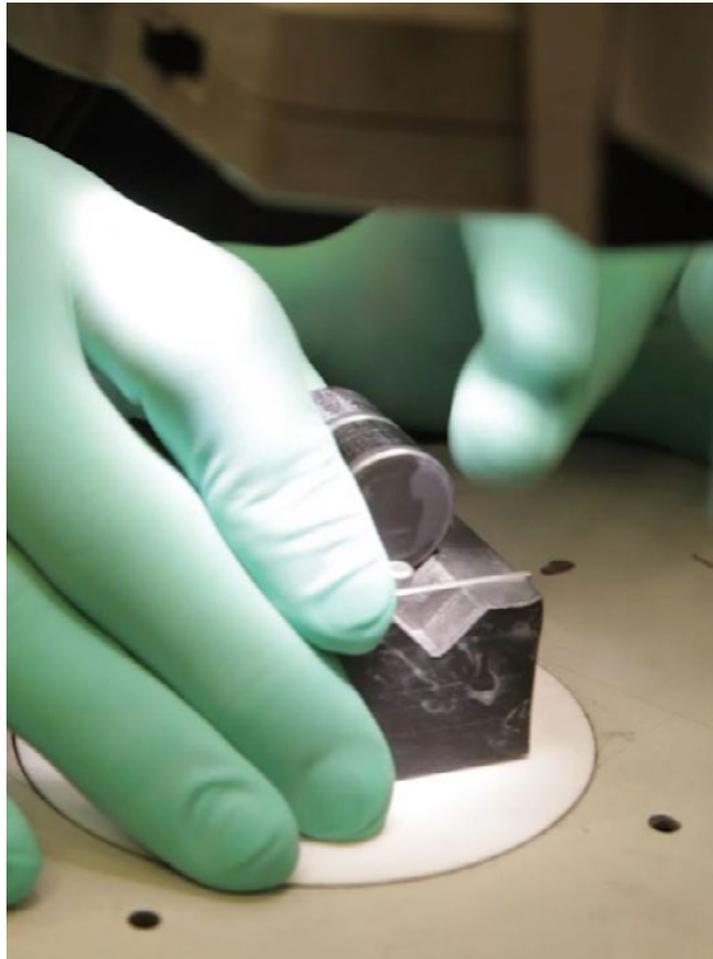
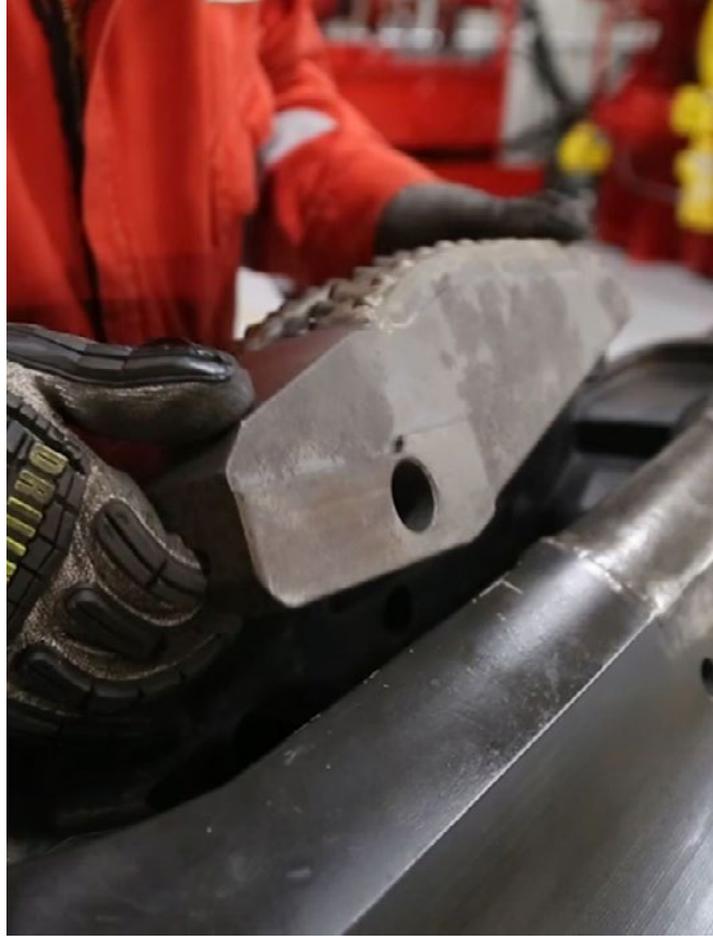
We apply industry proven, in-depth dull-grading methods to continually improve the RipTide cutting structure. Our analyses identify and enhance successful design features, and correct or abandon ineffective elements.

Interactive modeling and simulation

We optimize cutter placement and PDC selection using our proprietary cutter and formation-interaction software. The system creates a virtual drilling environment that includes rock strength and formation abrasiveness.

Advanced PDC technology

Developed with a leading PDC manufacturer, our thermally stable PDC cutters deliver superior strength and erosion resistance.





IMPROVE DRILLING EFFICIENCY, MINIMIZE NONPRODUCTIVE TIME, AND REACH TD IN THE MOST CHALLENGING ENVIRONMENTS.

The Weatherford RipTide drilling reamer maximizes hole-enlargement-while-drilling speed and reliability. To learn how our services and technologies can work for you, contact your authorized Weatherford representative or visit our website.

WEATHERFORD.COM/RIPTIDE

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