

# METAL MUNCHER advanced milling technology

Reduce milling trips and time with superior material and design

The cutting structures created with Baker Hughes **METAL MUNCHER™ advanced milling technology (AMT)** offer enhanced wear rate, impact resistance, and cutting edge, resulting in shortened milling time. They address the more exotic and abrasive materials commonly encountered in today's milling and fishing operations, maximizing performance in a wider range of applications and in less time.

Because the blades using AMT material offer greater durability and maximized cutter life, fewer trips are needed to complete the operations and redundant equipment can be eliminated. The more durable metallurgy in Baker Hughes' line of METAL MUNCHER AMT cutting structures also results in longer trips and less nonproductive time, further decreasing operational expenses.

The AMT portfolio is ideal for cutting casing for plug and abandonments, pipe that's stuck with scale, reentry portions, dressing off hard-banding,

and even titanium logging tools. The wide range of metallurgical treatments and cutting shapes available enhance our ability to provide solutions for all such applications. Debris size and shape is controlled and minimized through the improved penetration rates of this stronger material and through the application of a custom-fit solution based on the unique designs available in AMT material.

Baker Hughes leads the industry with the widest array of value-adding solutions that will meet any cutting needs. Our significant investments in research and development improve your ability to drill efficiently and successfully. To find out more about how the new Metal Muncher AMT cutting solution improves milling time, maximizes penetration rate and cutter life, and minimizes trips required, contact your Baker Hughes representative today or visit [www.bakerhughes.com](http://www.bakerhughes.com).

## Applications

- All environments
- Deep water
- Unconventional oil and gas
- High-volume milling applications
- Pilot, section, and packer milling through exotic materials
- Plug and abandonment

## Benefits

- Wide range of cutting shapes and metallurgical choices
  - Enables optimization of each unique milling application
- In-depth analysis of each well's needs and ongoing review
  - Provides custom-fit solution
- Uses new design and carbide metallurgies
  - Increases milling penetration rate
- Reduces milling time
  - Saves operating cost
- Cutter durability
  - Eliminates redundant equipment
  - Reduces trips required
  - Decreases operational expenses
- Tightly controlled welding processes and quality controls
  - Offers consistent dependability



METAL MUNCHER AMT cutters