

Robit Extreme Carbide

for Blast Hole and Well Drilling Applications



Outer carbide layer designed to resist wear
Inner core utilises standard grade #1 carbide



The new **Dual Property Extreme Carbide** has an outer carbide layer that is designed to resist wear, the inner core utilises Robit standard grade #1 carbide. Even when the outer layer has been worn away, the DTH bit performs in the same way expected from the Robit standard quality carbide. The carbide allows for extreme wear resistance but also has a core that is durable to resist fracturing.

- Robit Extreme grade #4 carbide specially formulated for highly abrasive ground conditions
- Beneficial for Blast hole and well drilling applications
- Increased performance of over 50% bit life*

**Customer trials in North America showed improvement of over 50% of the bit life when drilling in highly abrasive well drilling application*

The Extreme grade #4 carbide stays sharper for longer, increasing productivity and reduces the number of regrind processes required which reduces the downtime for the driller. The new Robit Extreme carbide is developed to reduce the overall drilling CO₂ impact and to improve sustainability of the Robit products.

When achieving total hole depth is the key requirement, the new extreme carbide can allow the DTH bit to perform without the need for regrinding or replacement making the new carbide more efficient, higher performing and reduces overall costs.

All Robit Extreme carbide #4 DTH bits will be made-to-order and not available as stocked items.
All stocked Robit DTH bits will contain the standard #1 carbide grade.



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