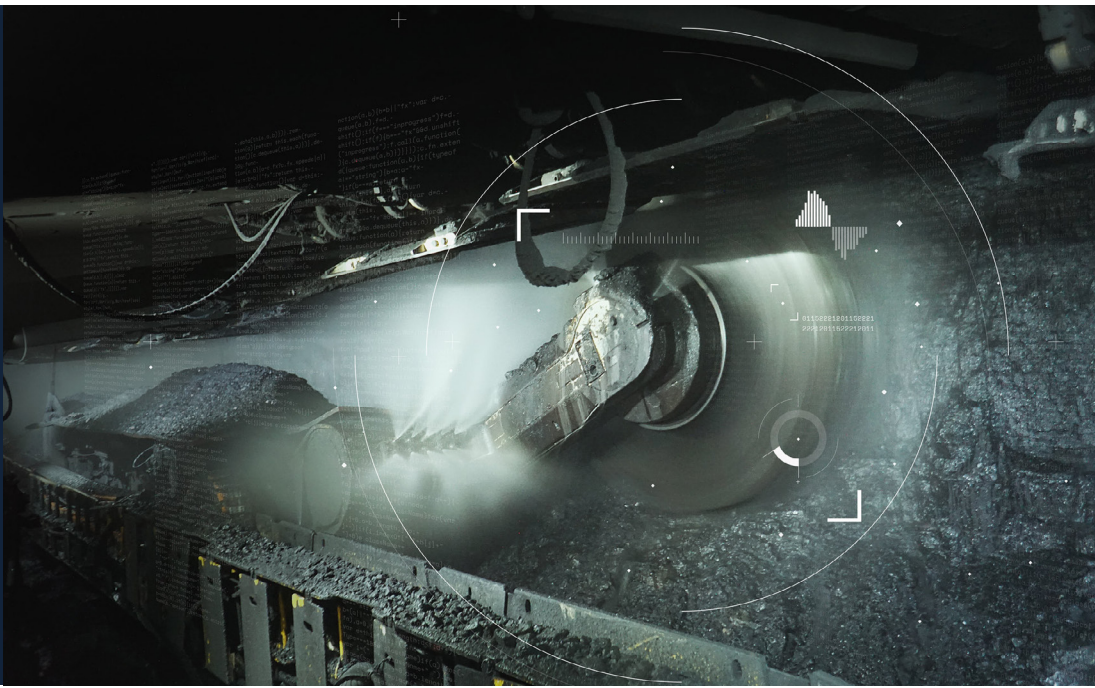


# Did you know?

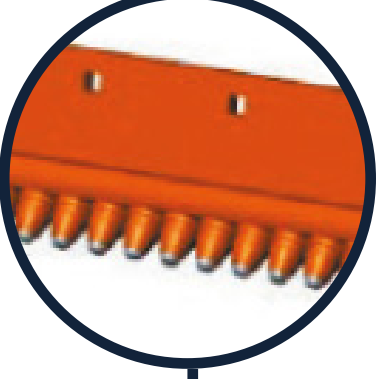


**Above and below**  
Characterised by extreme strength, toughness and hardness, Element Six (E6) products are highly resistant to wear and impact. Moving from steel to synthetic diamond or tungsten carbide can improve tool life, cost efficiency and productivity.



## Blasthole drilling

When drilling through rock, efficiency is key. E6 tungsten carbide inserts for drill bits are designed to meet heavy duty drilling requirements in all common mining environments.



## Haul road maintenance

Good roads improve safety and reduce overall operating costs. E6 can provide long lasting tungsten carbide picks for road maintenance.



## Mineral processing

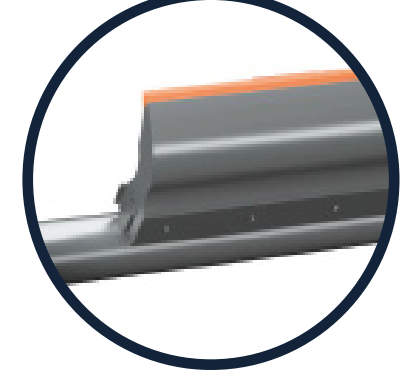
Metalliferous ores require comminution in order to liberate the valuable minerals from the waste. E6 can provide extremely hard wearing tungsten carbide parts for crushers, screens and grinding mills.

## Bulk handling

Belt cleaners keep conveyor belts clean, making conveyor systems safer and more productive by eliminating carry back. E6 tungsten carbide conveyor scraper blades last longer in abrasive conditions, thus minimising downtime.

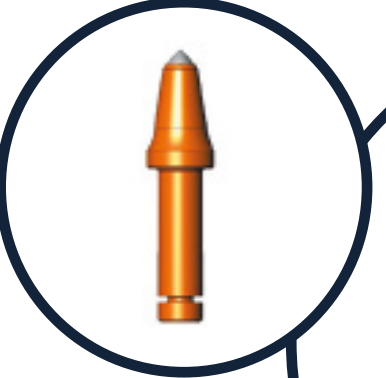


Wear surface protected with E6 carbide studs.



## Extraction longwall

Especially used in coal mining, a large machine cuts along a coal face that could be several hundred meters long. E6 tungsten carbide and PCD picks can be used to minimise downtime and increase productivity.



## Roof bolting

Roof bolting reinforces the mine roof to keep mine workers safe. Holes are drilled and filled with steel rods and resin. Drilling is fast and efficient with E6 PCD or tungsten carbide bits.



## Extraction - room & pillar

A continuous miner can be used to excavate rooms of the mined material while leaving pillars to support the roof. E6 tungsten carbide and synthetic diamond tools can be used to increase cutting speed and cost efficiency.



## Mine development

Road headers are used to create underground roadways and for continuous mining operations. E6 range of tungsten carbide and synthetic diamond tools can be used to develop mines faster and improve overall productivity.