

HPfC Hardmill

High Performance Coating for Hard Machining

HPfC Hardmill

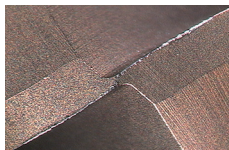
is designed for machining hardened steel (> 52 HRC) in dry or mist lubricant conditions.

The coating is based on a AlTiCrSiN multilayer structure.

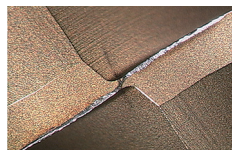
Versions with optimized coating composition and thickness for roughing, finishing and microtools are available.

Performances:

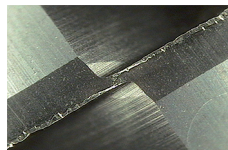
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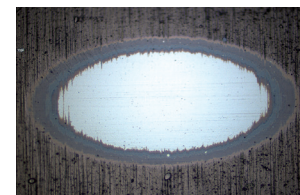
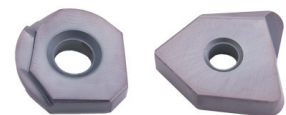
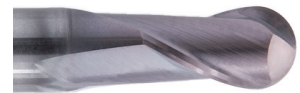
Competitor A



Competitor B



wear after 30 meter machining
hard machining D2 at 60 HRC
dia 8 mm; Vc 200 m/min; fz 0,12 /tooth, ap 3 mm; ae 0,5 mm; dry air blow



Increase the Performance of Your Hard Machining Tools



*Increase your
Competitiveness!*

Properties

- high heat resistance at the cutting edge
- hot hardness
- very high oxidation resistance (>1100°C)
- low thermal conductivity