

HPfC Titan

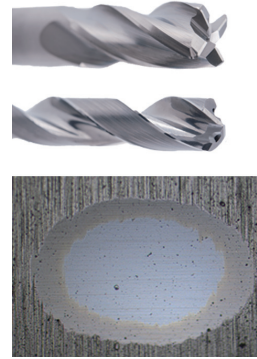
High Performance Coating for Titanium and Stainless Steel Machining

HPfC Titan

is designed for machining titanium alloys and stainless steels.

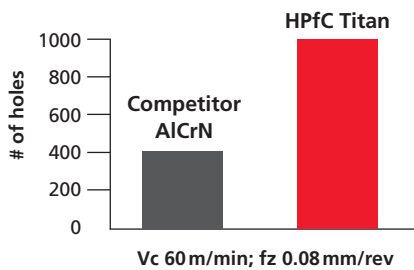
The coating is based on a AlTiCN multilayer structure with a low friction coating on top of a matrix with very high toughness.

HPfC Titan is suitable for milling, drilling including deep hole and tapping.



Drilling in Stainless Steel

Carbide drill D 6 mm; hole 4.5 x D;
Stop criteria 0.1 mm corner wear



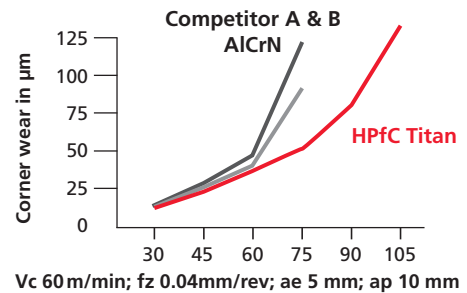
Increase your productivity 75% with more aggressive cutting conditions

Vc 90 m/min
fz 0.14 mm

Only HPfC Titan is able to work at this condition

Milling of TiAl6V4

Carbide endmill D 10 mm



Increase the Performance of Your Titanium and Stainless Machining Tools



Properties

- very high toughness
- low friction
- a big step in productivity

HPfC Titan allows higher speed and feed.