

Variantic

Oxidation-resistant and low-friction.

A multilayer coating, which combines the properties from TiAlN and TiCN.

With a toplayer from TiCN in dark rose.

Properties

Type	Hard material coating
Process	PVD
Material	TiAlCN
Hardness	3.300 HV
Coating thickness	0,5–3 µm
Coefficient of friction vs. steel	0,25
Coating temperature	300–450 °C
max. Service temperature	800 °C
Colour	dark rose

Sample applications

- heavy duty machining from special alloys under high temperature
- heavy duty punching and forming
- punching and forming of stainless steels

