

SISTRAL[®]-plus

The tool coating for high-performance hard-metal cutting

Tools used in dry cutting are subject to extreme loads: high temperatures, high speeds and very hard workpieces. The new SISTRAL[®]-plus coating is the ideal solution. It considerably improves the life expectancy of your tools and provides an excellent cutting performance to the very end.

ADVANTAGES OF THE COATING

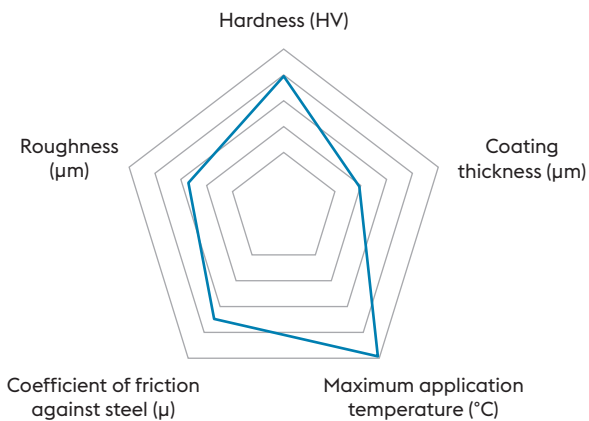
- » Up to 30% longer service life than alternative coating solutions
- » Newly developed coat architecture for more even wear
- » PVD coating with specifically adapted adhesive and top layer
- » Outstanding values during dry cutting, for example on end mills

APPLICATIONS

- » **Dry hard-metal cutting**
Milling in workpieces with up to 66 HRC



COATING PROPERTIES



Hardness	2,800 ± 300 HV
Coating thicknesses	2 - 4 µm
Maximum application temperature	900 °C / 1,652 °F
Coefficient of friction against steel	0.7 - 0.8 µ
Roughness (µm)	< 0.06 µm
Colour	Petrol

