

SUBLIME®

The coating that redefines the service life for tothing

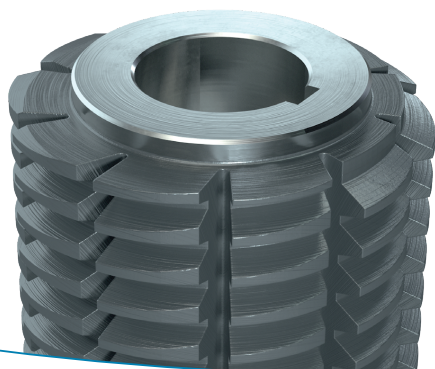
When it comes to tothing, the demands placed on tools are immense. Machining workpieces in dry tothing requires high temperatures and cutting speeds. Even for wet machining, the requirements remain very high. With SUBLIME®, we now offer you a tool coating that yields a long service life and distance even with the special conditions for tothing.

COATING ADVANTAGES

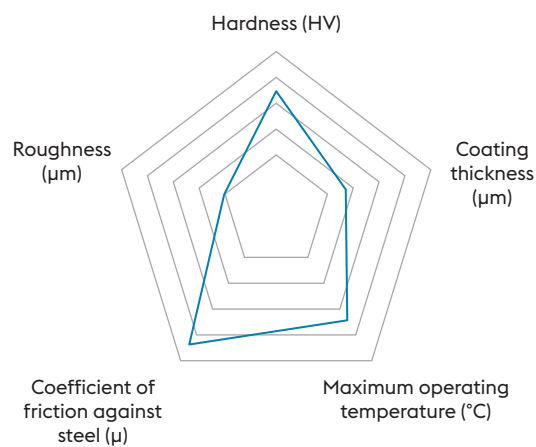
- » Up to 130% longer service life in benchmark tests involving chemically comparable coating alternatives (proven in tooth impact tests)
- » Considerable red hardness and oxidation resistance
- » Excellent results for dry tothing, e.g. on gear hobbing machines

APPLICATIONS

- » Tothing – dry machining
- » Tothing – wet machining



COATING PROPERTIES



Hardness	3,300 ± 200 HV
Coating thickness	2.0 – 4.0 ± 1.0 µm
Maximum operating temperature	1,100 °C / 2,012 °F
Coefficient of friction against steel (µ)	0.7 – 0.8
Roughness on polished surfaces	0.07 µm
Colour	Grey

