InoxaCon®

for hardened and stainless steels/titanium

Technical data

Coating technology: HiPIMS
Coating material: TiAlSiN-based
Color: Copper
Max. operating temperature: 1,100 °C
Available coating thicknesses:

- ≈ 1.5 µm • • –
- ≈ 3 µm • • •

Heat resistant and reduced rewelding

Material: 1.4301
Tool: Solid carbide mill, ø8 mm
v_c = 80 m/min
f_i = 0.035 mm/tooth
a_p = 5 mm
a_o = 3 mm
z = 4

InoxaCon®

Max. wear (µm)

0 10 20 30 40 50 60 70 80 90 100

Developed for machining of hardened and high alloyed steel as well as titanium. Its very high thermal stability makes the silicon-doped material InoxaCon® the first choice for your high-end tools.