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:

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Coating Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>≈ 1.5 µm</td>
<td>•</td>
</tr>
<tr>
<td>≈ 3 µm</td>
<td>• • • •</td>
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</tbody>
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Heat resistant and reduced rewelding

Material: 1.4301
Tool: Solid carbide mill, ø8 mm

- \( v_c = 80 \text{ m/min} \)
- \( f_i = 0.035 \text{ mm/tooth} \)
- \( a_p = 5 \text{ mm} \)
- \( a_e = 3 \text{ mm} \)
- \( z = 4 \)

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.