**BALINIT TISAFLEX**
Milling stainless steel

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**Tool**
End mill Ø 4 mm

**Workpiece**
Steel 1.4401, X2CrNiMo1712 (AISI 316L, SUS 316L)

**Cutting parameters**
- $v_c = 125$ m/min
- $f_t = 0.05$ mm
- $a_p = 0.15$ mm
- $a_e = 0.03$ mm
- Oil cooling

**Source/Customer**
Tool manufacturer

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**Tool life [number of parts]**

- **Competitor**
- Benchmark AlTiN coating
- **BALINIT® TISAFLEX**

+ 87% improvement

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BALINIT TISAFLEX - Machining difficult-to-cut materials at the highest level (June 2019)