Are you ready for BALIQ REAM ALCRONOS?
Contact us now!

BALIQ REAM ALCRONOS
The coating revolution for reamers.

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Our worldwide coating centre network addresses are listed at:
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BALIQ REAM ALCRONOS: economic reaming with high process reliability.

The technological progress
- Revolutionary smooth and defect-free coatings with outstanding adhesion
- High coating thickness precision
- Low susceptibility to sticking of AlCrN-based coatings
- Precision coating of ultra-sharp cutting edges
- High abrasive wear resistance of AlCrN-based coatings

The hands-on advantages
- High bore precision and surface quality thanks to top-tier coating quality
- The ultimate in tool precision
- No adhesion and built-up edge formation even for difficult-to-machine materials such as titanium and stainless steels
- Significant performance gains mainly with smallest chip thicknesses and optimised component surface quality
- Long tool lives with perceptibly fewer tool changes

Brilliant surface quality and precision:

**BALIQ™ REAM ALCRONOS for stainless steels**

- Tool: Reamer Ø 10 mm
- Workpiece: Austenitic stainless steel
- Cutting parameters: 
  - vc = 48 m/min
  - Further parameters confidential
- Source: Automotive industry supplier

- Tool life (number of parts):
  - Competitor 1 (+ post-treatment): 25.000
  - Competitor 2 (+ post-treatment): 20.000
  - BALIQ™ REAM ALCRONOS: 50.000

**Superior manufacturing quality due to precise high-performance coating**

**Reliable final machining of critical and expensive components**

**Tangible cost savings due to highly reliable tools**

**High surface quality with high process reliability and efficiency**

**BALIQ™ REAM ALCRONOS for case hardening steel**

- Tool: Reamer Ø 3.0 mm
- Workpiece: Steel 1.7147 (AISI5120, ~SMnC420(H))
- Cutting parameters: Confidential
- Source: European tool manufacturer

- Rel. tool life (%):
  - TAN EC: 50%
  - BALIQ™ REAM ALCRONOS: + 86%