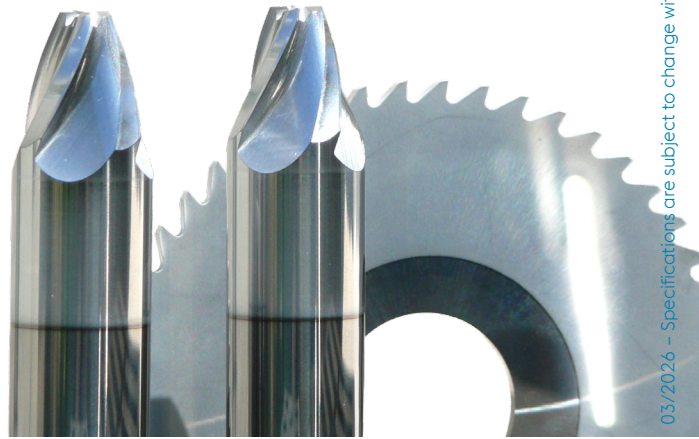


EXXTRAL-SILVER®

Maximum efficiency for aluminum and non-ferrous metals



03./2026 - Specifications are subject to change without notice

EXXTRAL®-Silver is a highly advanced aluminum-titanium-chromium nitride coating specifically developed for the machining of materials that tend to adhere. Its exceptionally smooth CrN surface effectively reduces the risk of built-up edge formation, ensuring stable and reliable machining processes.

The silver-colored coating offers outstanding hardness, excellent oxidation resistance, and a design optimized to minimize adhesion tendencies – making it ideal for machining aluminum alloys and non-ferrous metals.

ADVANTAGES

- » High hardness
- » Very smooth surface
- » Reduced adhesion

COATING PROPERTIES

Hardness	3,300 ± 300 HV
Coating thickness	2 – 4 µm
Maximum operating temperature	800 °C / 1,470 °F
Coefficient of friction against steel	0.4
Color	Silver
Coating composition	AlTiCrN based

APPLICATIONS

Cutting	Aluminum alloys Stainless steel Gray cast iron
Forming	Aluminum sheets