

# EXXTRAL<sup>®</sup>-SILVER

EXXTRAL<sup>®</sup>-silver, an aluminium-titanium-chromium nitride coating, developed for special cutting applications in materials with a propensity for sticking. The tendency of cold welding is effectively reduced by the smooth CrN surface.

The silver-coloured coating is characterised by great hardness and resistance towards oxidation and is designed to minimise adhesions when working aluminium alloys and non-ferrous metals.

## APPLICATIONS

<b>Cutting</b>	Aluminium alloys Stainless steel Grey cast iron
<b>Forming</b>	Al sheets

## COATING PROPERTIES

<b>Hardness</b>	3,300 ± 300 HV
<b>Max. application temperature</b>	800 °C / 1,470 °F
<b>Coefficient of friction against steel</b>	0.4
<b>Coating thicknesses</b>	2 - 4 µm
<b>Colour</b>	silver

