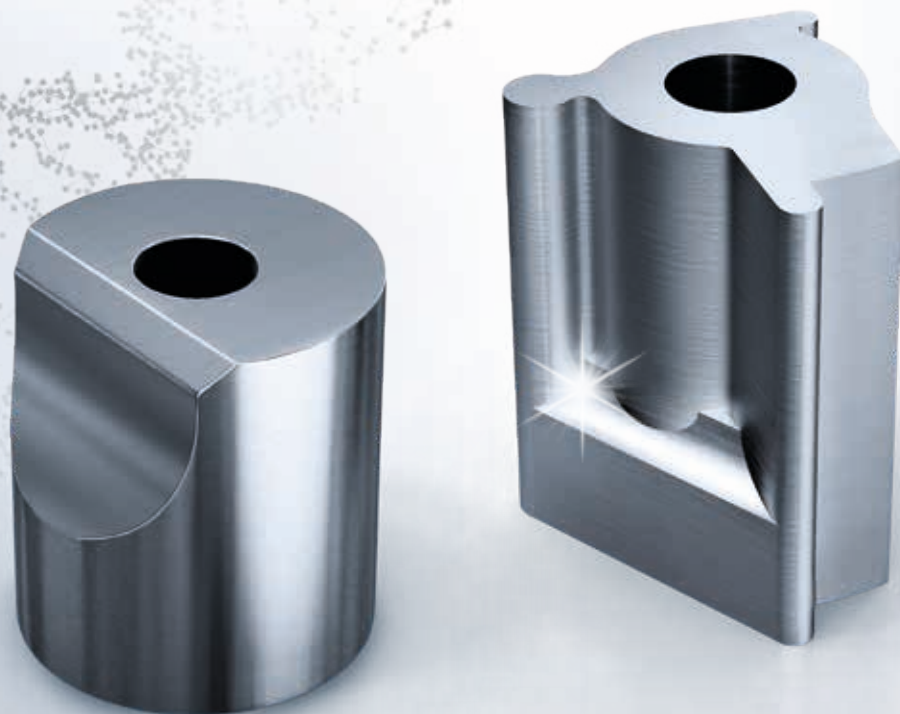


BALINIT ALCRONA EVO

Born to evolve.
Made to last.



BALINIT ALCRONA EVO – the evolution of a coating legacy, pushing the boundaries in punching and forming applications

Today's manufacturing processes place even greater mechanical and thermal demands on many of your tools. BALINIT® ALCRONA EVO, a true evolution of the benchmark coating for years, has raised the bar again and delivers outstanding results in a broad range of

metal forming applications. BALINIT® ALCRONA EVO offers you even more productivity than its predecessor coating. Its further optimized coating properties significantly extend tool life in many forming applications while delivering superior part quality.

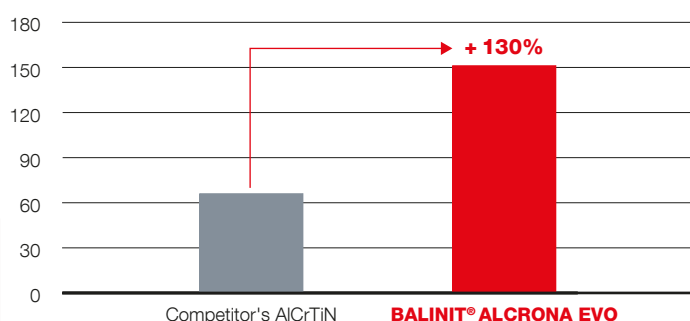
BALINIT ALCRONA EVO is made for applications like:

- Piercing and blanking
- Fine blanking
- Cold & hot forging
- Extrusion



Fineblanking of gears with BALINIT ALCRONA EVO

Tool life [1,000 parts]



Tool	Fineblanking punch (80 x 47 x 80 mm) Tool material: M2 / 1.3343
Workpiece	Automotive gears, 2.6 mm
Benefit	Increased tool life
Source	Manufacturer of automotive metal components in Asia

Coating properties at a glance: BALINIT® ALCRONA EVO

Coating material	AlCrN-based
Coating hardness H_{rr} [GPa]	44 +/- 4
Compressive stress [GPa]	-3.5 +/- 1
Max. service temperature [°C]	1,100
Coating temperature [°C]	< 500
Coating color	bright grey

Increase your performance and benefit from the numerous advantages of BALINIT ALCRONA EVO. Contact us!

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For our global locations,
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www.oerlikon.com/balzers



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