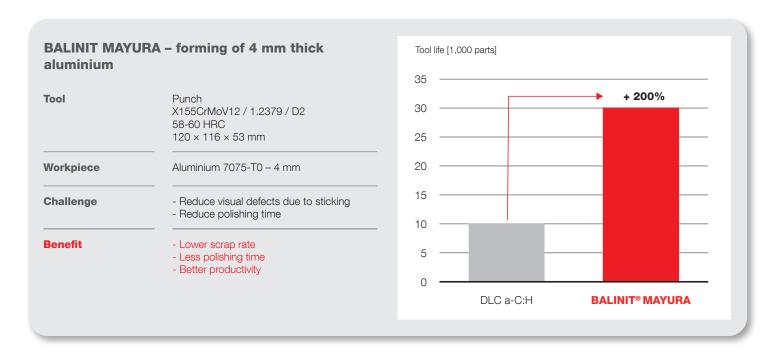


BALINIT MAYURA – the next generation of carbon-based coatings for stamping non-ferrous metals

BALINIT® MAYURA catches the eye with its brilliant colours, and reveals its true value in the demanding stamping of non-ferrous metals. The coating is harder and smoother than previous coatings, which minimises material adhesion, and it is extremely thin, which keeps cutting edges sharp.

Tool manufacturers and end users benefit from increased tool life, maximum precision and higher productivity in the manufacturing process. BALINIT® MAYURA takes stamping of non-ferrous metals to the next level, whether it's aluminium or copper alloys (e.g. phosphor bronze or brass).



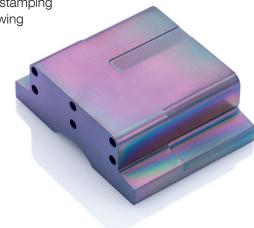
Outstanding coating properties ...

BALINIT® MAYURA Coating material ta-C Coating hardness H_{IT} [GPa] > 65 Coefficient of friction (dry) < 0.10</td> Max. service temperature [°C] > 500 Coating thickness [μm] 0.3 Coating temperature [°C] < 150</td> Coating colour rainbow / rainbow black*

... for challenging applications

Taking your stamping process to the next level

- Aluminium alloys
- Copper alloys (e.g. phosphor bronze or brass)
- Trimming
- Flanging
- Precision stamping
- Deep drawing
- Bending



Discover how BALINIT MAYURA boosts performance. Contact us now!

^{*} Variations in colour depend on tool dimensions, applications and geometry. All given data are approximate values and depend on application, environment and test conditions.