



Example parts coated on Balzers coating system

Bihler Coatings

Predictable, fast, value-adding

Optimize the efficiency of your precision components and active tool parts. With our state-of-the-art Balzers coating system, we offer six different hard material coatings for a wide variety of materials and applications. By displaying the coating calendar, you can control your processes with pinpoint accuracy. Precisely defined coating times for each coating type guarantee short and, above all, predictable delivery times.

This means predictable, fast and value adding coating of your components.

Benefit from these advantages:

- Wide range of application and excellent wear resistance for coatings
- Higher productivity through significantly longer service life of your precision components and active tool parts
- Excellent coating adhesion, improved demolding behavior and higher surface quality of precision components
- Reduction of abrasive and adhesive wear



Your contact

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BIHLER

Modern Balzers coating system

Improve the productivity and quality of your components.



Our experts coat your components according to plan.

Bihler coating systems at the highest level

Depending on the application and the material, the following hard material coatings can be applied.

Coating Type	Properties	Applications
Bihler Alcrona Pro AlCrN	Excellent wear resistance	Great all-round solution for stamping and forming
Bihler A TiN	Versatile standard coating	Steel processing, friction reduction
Bihler B TiCN	High hardness, good toughness	Tools with high mechanical stress
Bihler D CrN	High corrosion and oxidation resistance	Copper processing, warm forming
Bihler Futura TiAlN	High hot hardness, high oxidation resistance	Tools with high thermal stress
Bihler Futura Nano TiAlN	Higher thermal and chemical resistance, better gliding properties	Tools with high thermal and abrasive stress

(Subject to change without notice 01/19)