

## Wear protection

Developed specially for processing of filled polymers, compounds and masterbatches



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Maag Automatik is continuously developing new solutions for wear protection to improve the availability of pelletizing machinery and associated components.

### **Your benefits**

- Higher lifetime of components
- Higher machine availability
- Less maintenance

# Wear protection

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In compounding industry, the lifetime of components with contact to the product can be quite short. Abrasive polymer fillers, like glass fibers and minerals, can wear down parts, like strand inlets or pellet outlets, very fast.

Maag Automatik currently offers various wear protection types to improve the availability of pelletizing machinery and associated components.



VS26-coating at the upper area

## Wear protection VS26

Protective coating made with HVOF-spraying:

- Highest abrasion resistance
- Additional surface finish for high corrosion protection
- No component warping
- Limited possibilities for complex components



VS28 gives parts a typical black colouring

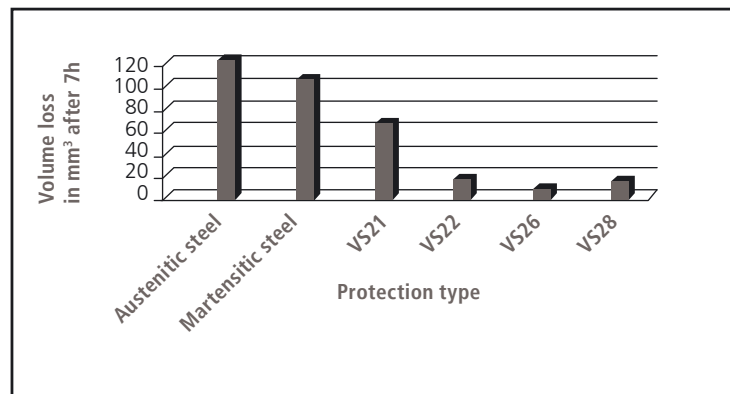
## Wear protection VS28

Salt bath for surface hardening:

- High abrasion resistance
- High corrosion resistance on chrome steel structures
- Large volume and complex parts can be completely treated
- No pre-machining of the component necessary
- No component warping
- No edge-building
- Very good bonding with the material structure, therefore no flaking of coating layers

## Comparison of wear protection types

With the use of a pin on disc tribometer we compared different wear protection types. VS26 and VS28 showed the best results against abrasive wear and consequently replaced older VS-Types as our standard.



Should you have any questions, please contact us by phone or email.