maag
a DOVER company

automatik scheer
strand
pelletizers

Cutting blades

The cutting edge for all applications

Besides the cutting rotor is choosing the right cutting blade type crucial for consistent product quality and system availability.

Having many years of experience in strand pelletizing, we know which materials are the most suitable for all applications and further develop them.

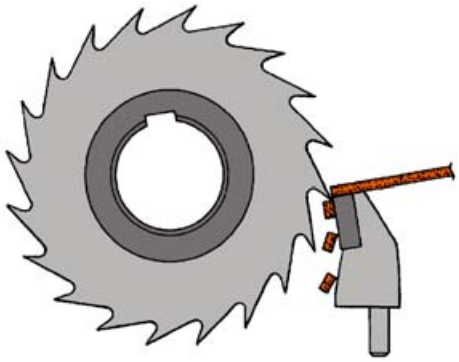
Your benefits

- High lifetime of cutting edges
- Consistent pellet quality
- Less costs

Cutting blades

The cutting edge for all applications

The lifetime of the indivudual cutting edges of a cutting blade affect three important factors: pellet quality, system availability and production costs.



If the cutting edge stays sharp for a longer time, irregular pellets can be prevented and a consistent product quality preserved.

Also the lifetime of the cutting rotor depends on the sharpness of the cutting edge: blunt cutting edges automatically lead to a bigger cutting gap, therefore more cutting force is demanded from the rotor tooth which makes it wear faster. More wear leads inevitably to higher production costs.

Many years of experience in strand pelletizing make us your perfect partner for choosing the optimal cutting blade for your application.

Ceramic cutting blade

Extract from our range of cutting blades

- **HM03:** Our standard blade made of tungsten carbide provides high wear resistance
- **CE10:** Corrosion resistant ceramics with very fine grain structure for high edge stability and lifetime
- **PCD02:** Segments coated with polycrystalline diamond soldered on a carbide blade provide high lifetime even when cutting highly filled materials

Type:	HM03	CE10	PCD02
Material:	Tungsten carbide	Ceramics	Diamond
Number of cutting edges:	4	4	1
Regrindable:	Yes	Yes	No, but repairable
Corrosion resistance:	Good	Very Good	Good
Area of application:	Wet and dry cut	Mostly wet cut	Dry cut

Blade with diamond cutting edge

Tungsten carbide blade with strand guiding grooves for soft polymers

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

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Global contacts, see **www.maag.com**
Contact us at **contact@maag.com**

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