



Quality and innovation in knife
manufacturing

Cutting Edge

**Knife technology in steel
or hard metal finish for:**

- Shredder (single-shaft shredders)
- Granulators
- Cutting mills
- Hammer mills
- Other shredding equipment

For a wide variety of manufacturers
and brands

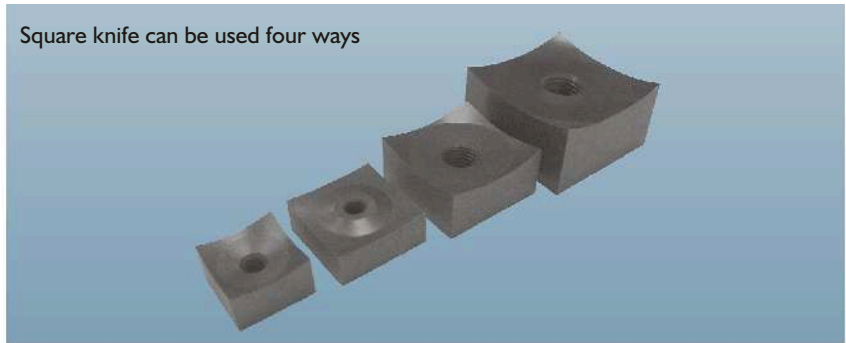


grindermax gmbh

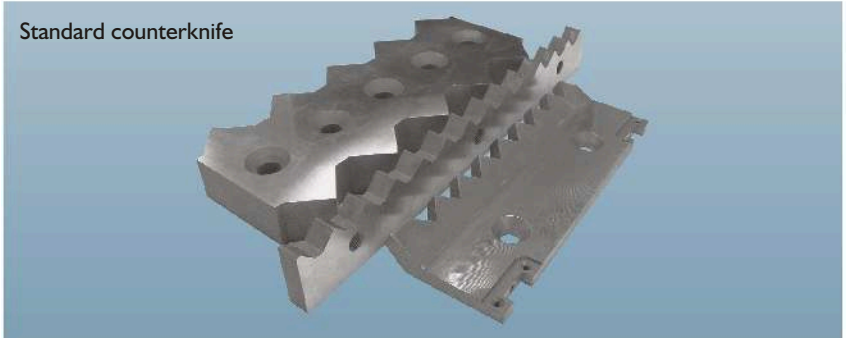
Standard knives

Shredding knives for granulators and shredders made from hardened and multi-tempered tool steel such as I.2378, I.2379 or from special quality metal from reputable steel works. Case-hardened steels such as I.7131 are also used, if you need hard surfaces with an annealed knife core.

Square knife can be used four ways



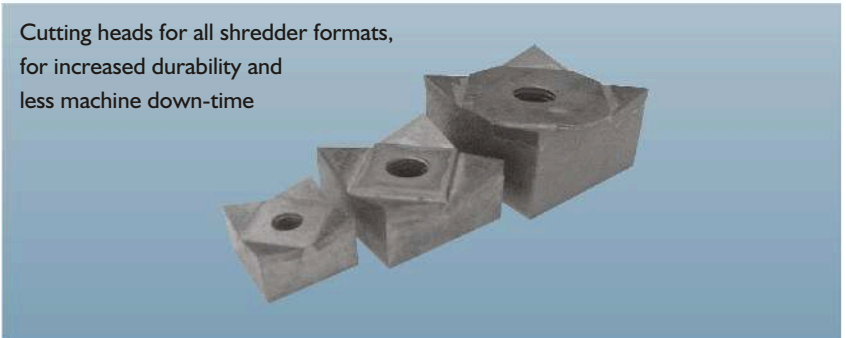
Standard counterknife



Knife with hard metal blades

Shredding knives for granulators and shredders with soldered blades, which are either plate or strip shape or pins or segments made from impact-resistant hard metal soldered into the blade. The knife carriers are made of annealed steel or hardened tool steel. Of course all knives are also made from tool steel I.2379 and, on customer request, are available in other materials.

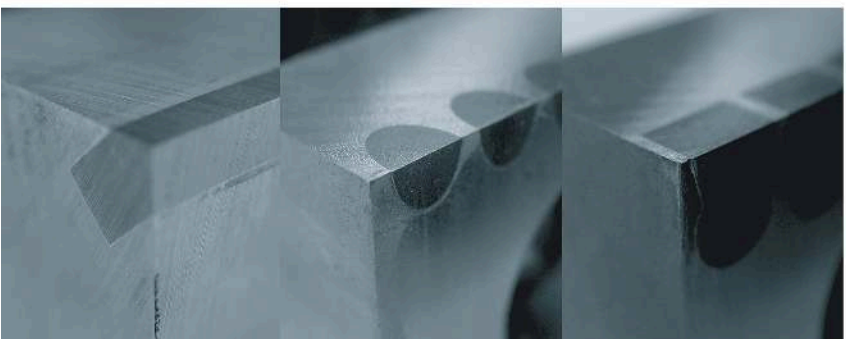
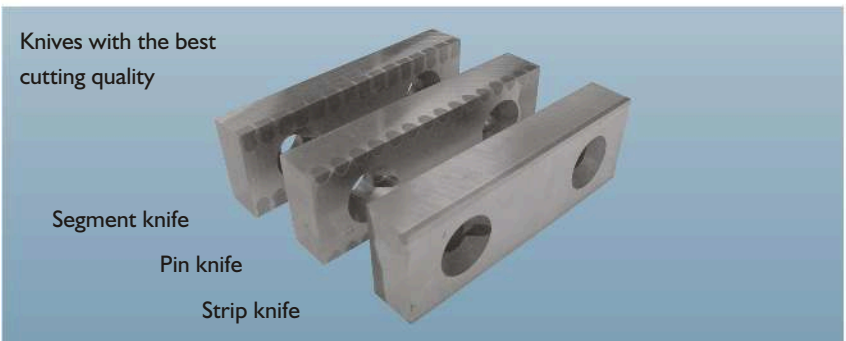
Cutting heads for all shredder formats, for increased durability and less machine down-time



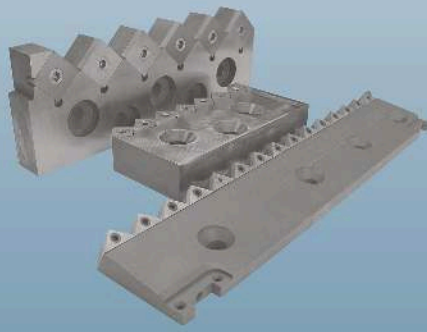
Advantages of a knife with a hard metal blade:

- Up to 10 x higher durability when compared with conventional knives
- Significantly reduced machine down-times
- Segment, pin and strip knives can be rotated

Knives with the best cutting quality

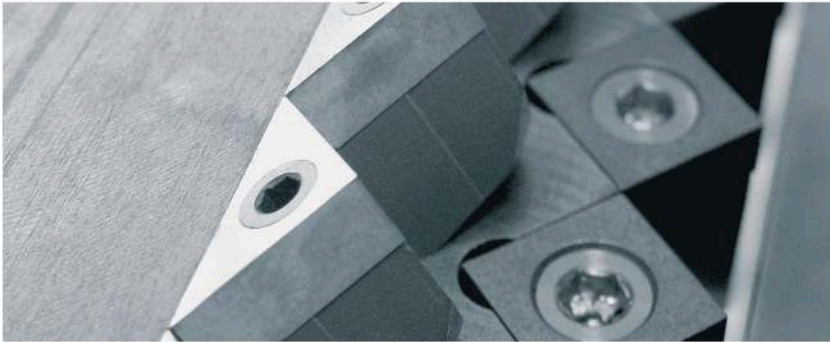


Knife and counterknife

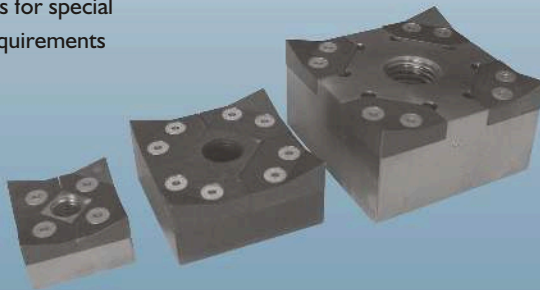


Knives with screw-on hard metal plates

Counterknife with hard metal plates screwed on, or removable/reversible plates made from various knife steels, such as HSS, powdered steel, etc...



Cutting heads for special shredding requirements



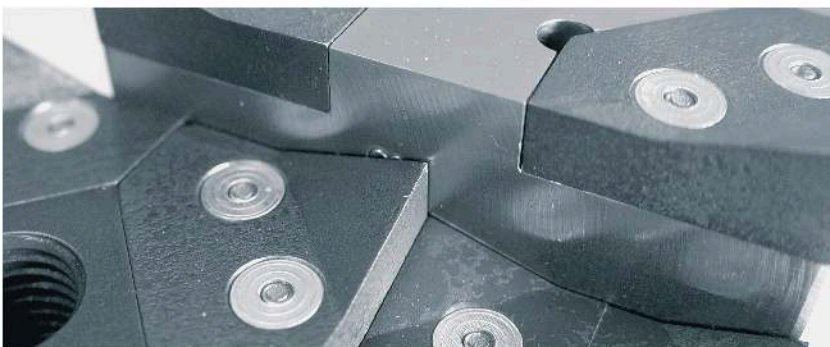
Super-Knives

Counterknives with cutting plates which are fixed to a knife carrier by using rivets.

This knife category provides shredding technology with a variety of special solutions which can be used in a wide range of applications.

In this way, individual cutting and carrier materials can be combined in a way to suit you, in order to achieve the best knife durability.

Carbide knives with threaded nuts made from annealed steel complete the range of super knives.

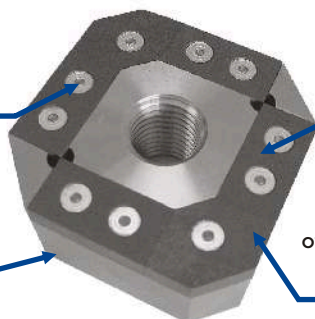


Special method to connect the parts for heavy duty applications

Robust hard metal for a better cutting process

Wear-resistant knife body

Bespoke combinations of knife materials and shapes for better cutting results

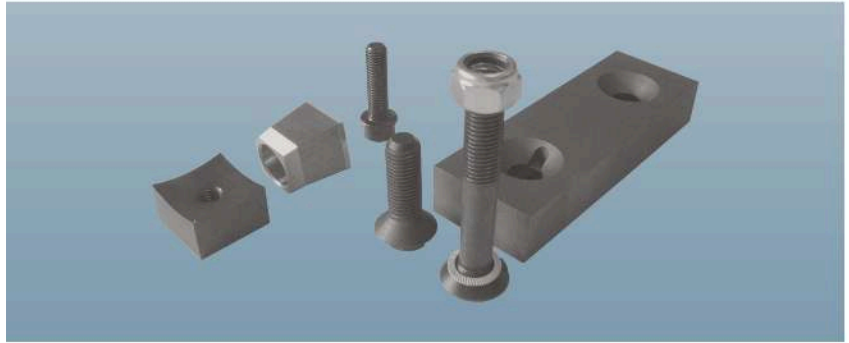


High-performance knives give:

- Increased durability
- Less frequent knife changes
- Reduced down-time
- Higher output
- Reduced grinding costs

Other items in the product range:

- Knife holder
- Screens
- Clamps and plates
- Assembly components
- Screws
- (...)



Knife manufacturing

By using high-quality materials, reliable hardening and soldering processes, as well as modern production facilities we manufacture knives with a high-carat cutting performance.

We offer sound value for money and will convince you with our consistent product quality and by making deliveries on schedule. The product range with its knife variants is co-ordinated to meet the requirements of shredding processes and shredding technology.

For blanket orders with defined call-off cycles we guarantee delivery within 3 working days once the items have been requested.



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