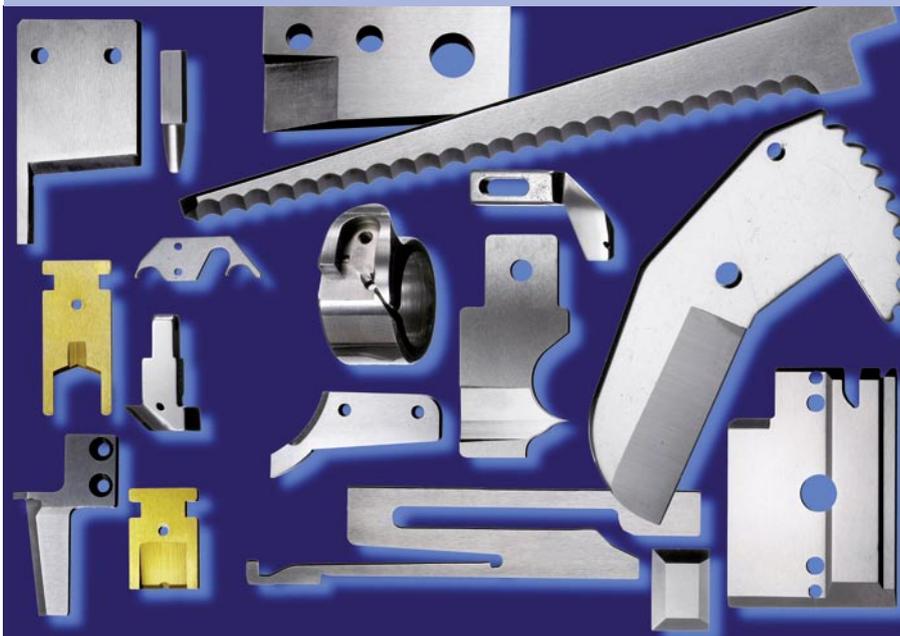


Our expertise – your advantage.

Machine knives and
precision parts



Small, sharp, sophisticated.

We've got the solution for you.

We've been making knives for the most diverse industrial fields, sectors and applications since 1923. Our company, located in Köngen (close to Stuttgart), is now managed by the fourth generation of the family. This continuity is crucial for the dynamic implementation of the company's aims and is a guarantee of high and consistent quality. We've specialised in the manufacture of small knives with cutting lengths up to around 250 mm, made in accordance with samples or drawings. We manufacture them in small and medium batch production runs using finest quality steels to achieve a long tool life.

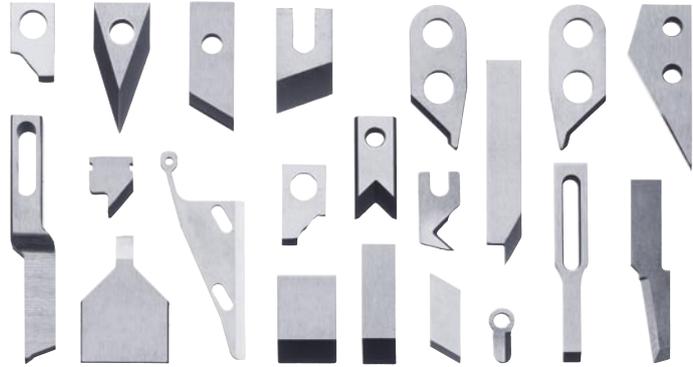
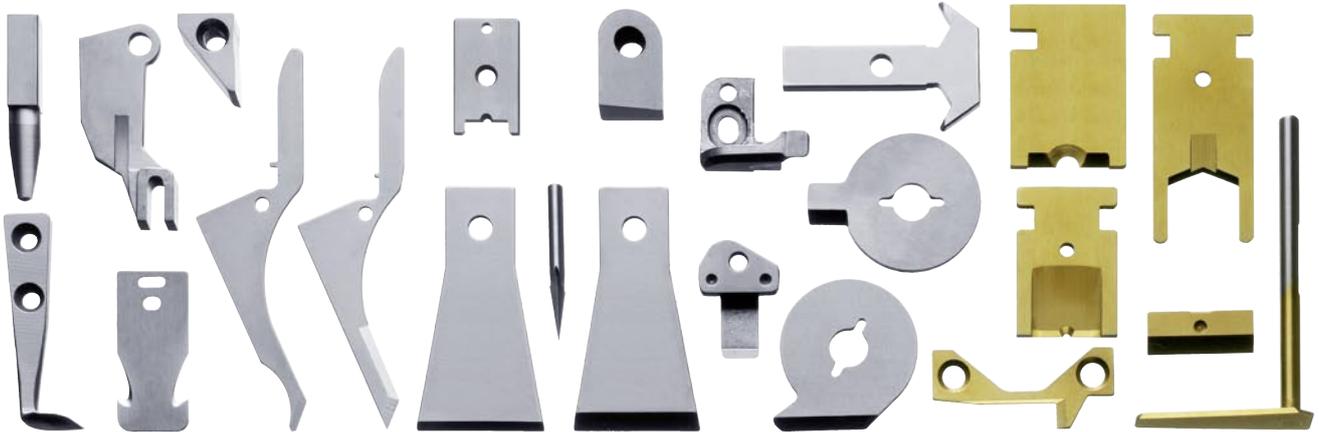


Illustration in original size!



In use throughout the world.

Our machine knives are used in the machines of renowned manufacturers throughout the world. We supply knives as original equipment, or as replacements for parts subject to wear in normal operation, for the:

- Automotive industry
- Printing industry
- Electrical industry
- Plastics industry
- Food production
- Paper industry
- Recycling machinery
- Cutting plotters
- Special engineering
- Textile machinery
- Packaging machinery

Can't see your sector here? We'll gladly extend the list. Just send us a sample or drawing of your knife.

Best quality steels for highest demands.

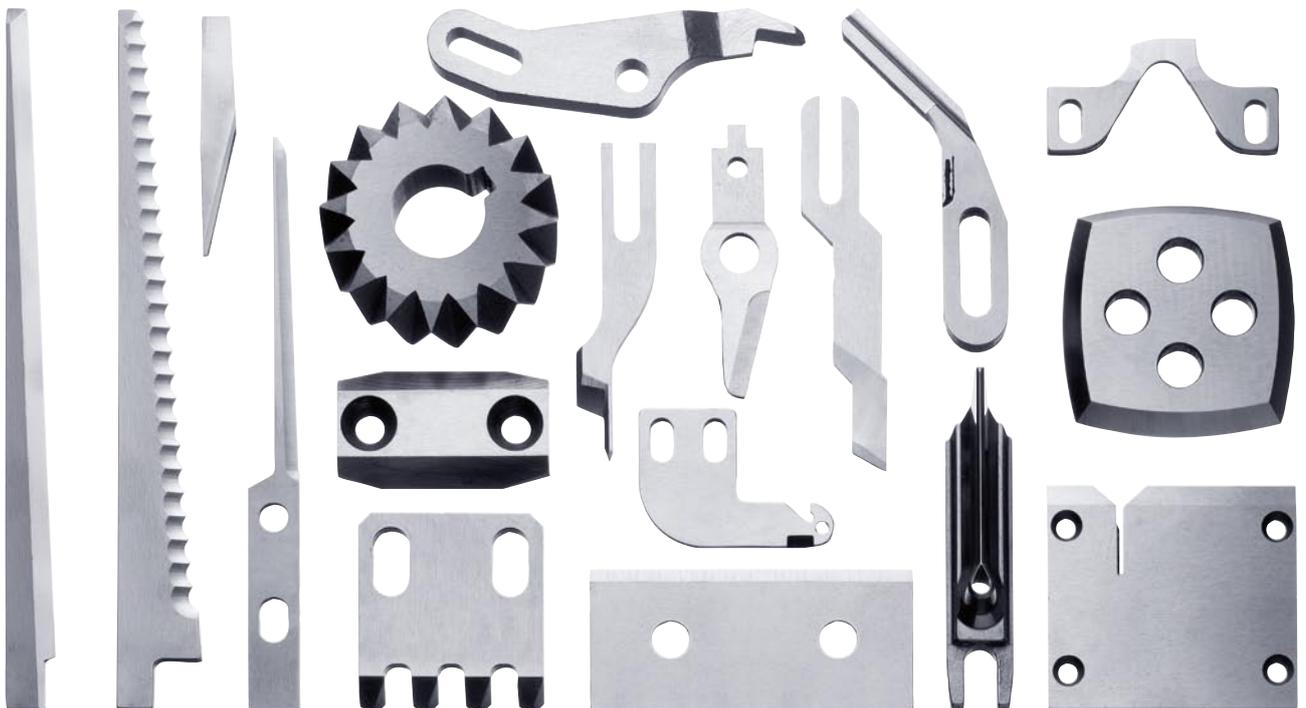


High tool lives.

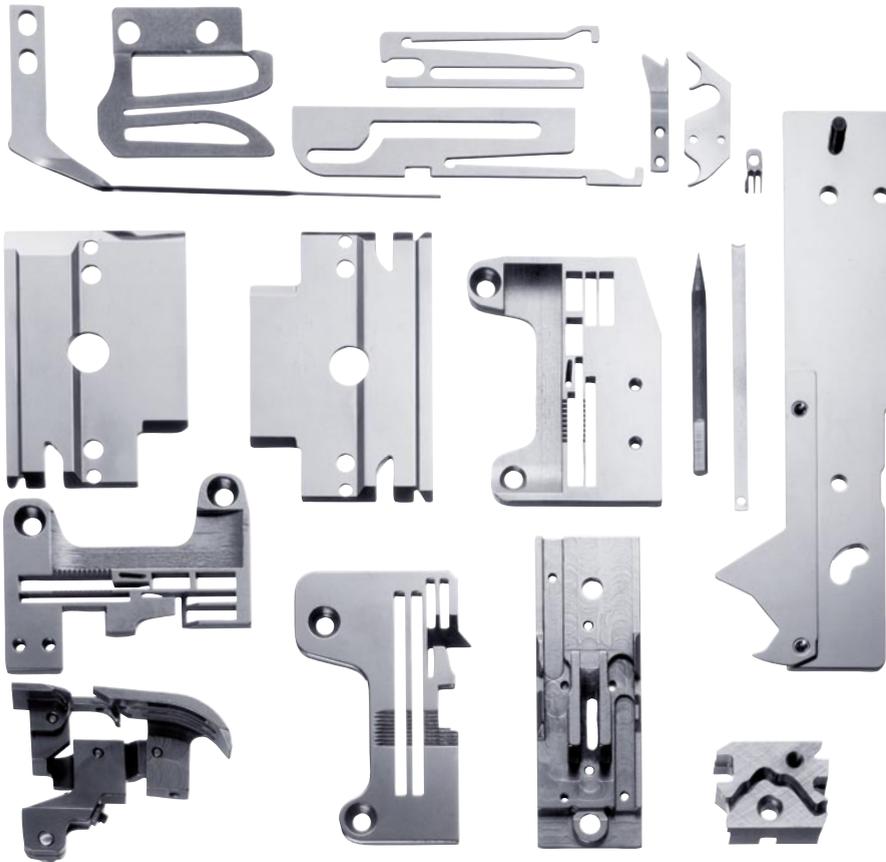
That's what our customers want. We achieve this aim by using many different steel qualities, such as high-alloy tool steel, HSS, stainless or powder metallurgy steels. For special requirements, we can tip knives with tungsten carbide or manufacture them completely from tungsten carbide. Of course we can also fulfil other material requirements. In addition, the knife properties (tool life, corrosion performance, friction, etc.) can be further improved by a wide variety of coatings.

Precision right down to the last detail.

That's how we achieve the quality and economy demanded by our customers. We manufacture our machine knives on the very latest CNC machine tools. This guarantees a very high repeat accuracy. One knife is exactly the same as the other. Machine and plant downtimes are reduced.

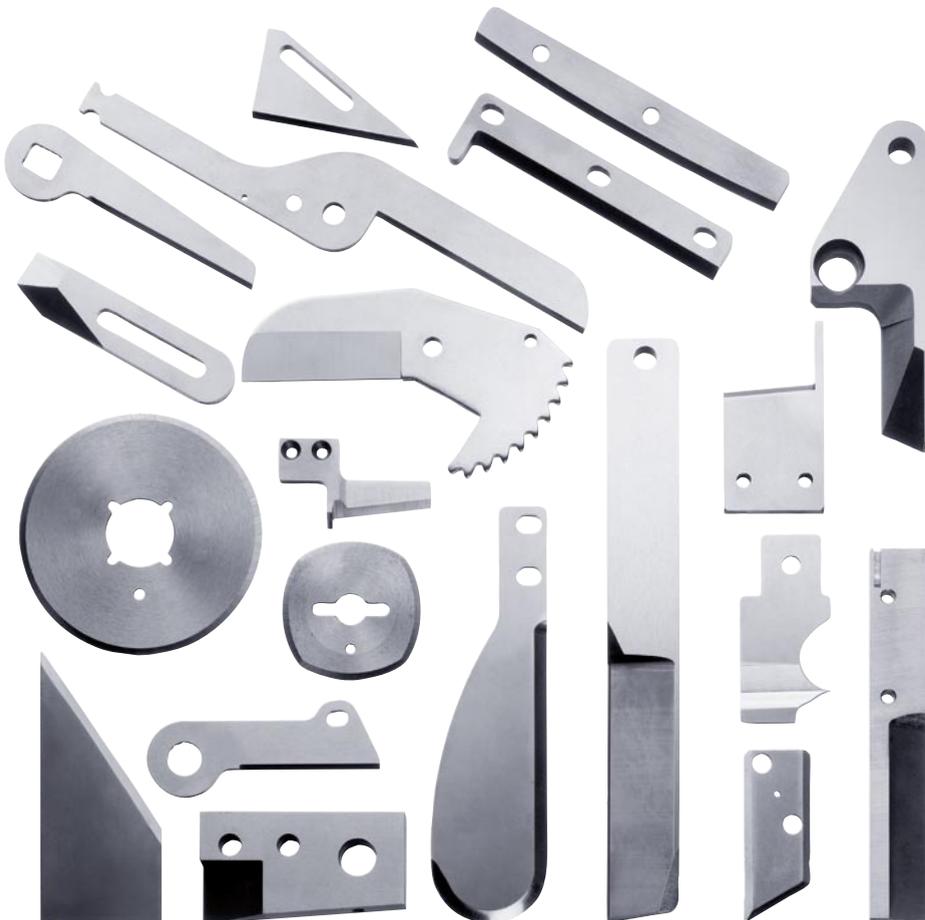


Precision parts to your specification.



It doesn't necessarily have to be knives.

We also specialise in the manufacture of all types of precision small parts in small and medium batch production runs. Just send us a sample or drawing. We'll prepare an individual quotation for you as quickly as possible. Experienced staff and modern, versatile, well-equipped machining facilities fulfil all the demands that our customers place on precision and performance.

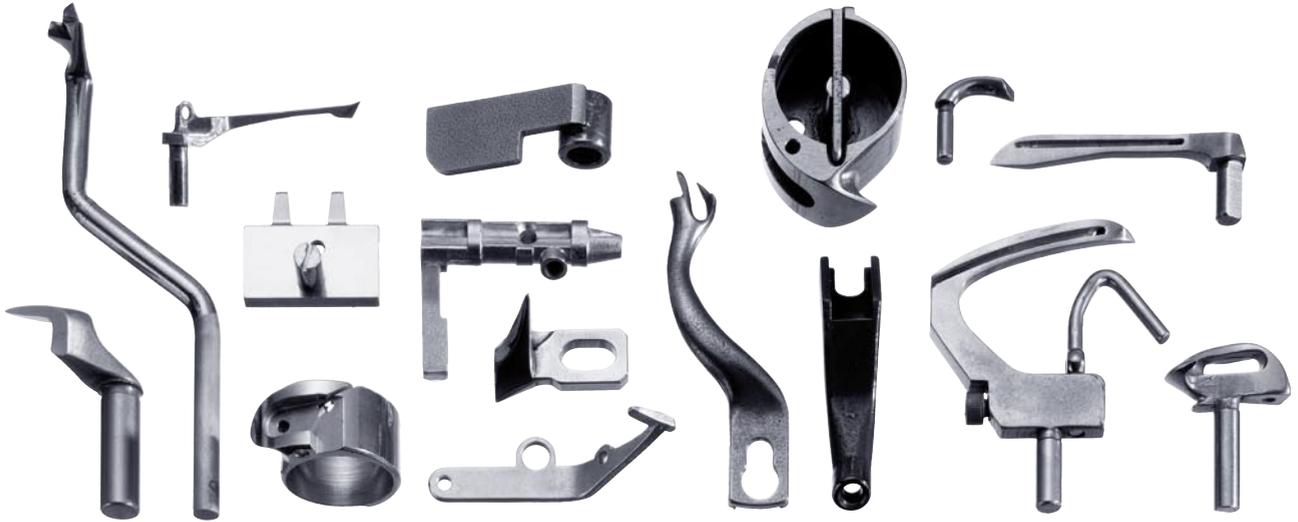


Precision from Maier-Unitas

We give you the exact precision that you need. We manufacture our specials and one-off parts in exact accordance with your design specifications. For us, your requirements, wishes and concepts are the measure of all things. That's why we train our apprentices and trainees to become production specialists.

Every part incorporates our wealth of experience in the technology, built up over many years, and the precise knowledge of our customers' requirements. Because we want you to establish your success through the use of our products and to continue that success in the future.

A further speciality:
efficient machining of precision investment castings.



Our expertise – your advantage.

Production of precision castings requires a particular expertise, from production of the master model, right up to final machining. The very latest manufacturing and inspection methods enable compliance with the required tolerances.

Our particular speciality here is freehand grinding of complicated shapes and contours. For many years now, we've also been machining precision castings provided by our customers.



Our production.

What we can offer you:

- Knife-edge grinding
- Tool grinding
- Surface grinding
- Profile grinding
- Centreless grinding
- Cylindrical grinding
- Lapping
- Honing
- Freehand grinding
- Freehand polishing ("thread clean polishing")
- Brushing
- Buffing

- Laser cutting
- Wire-cut EDM
- Stamping
- Precision stamping
- Punching/embossing
- Bending

- Milling
- Boring
- Reaming
- Thread cutting

- Annealing
- Hardening (also only partial)
- Nitriding

- Vibratory and barrel finishing
- Sandblasting
- Glass bead blasting
- Dressing
- Soldering/brazing
- Laser welding
- Laser marking

- Tungsten carbide coatings
- Anti-corrosion coatings
- Other functional coatings

