

# AKE Knebel GmbH & Co. KG



*Your partner for circular saw blades and  
milling tools – 2026*



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## Our products

Circular saw blades and milling tools are at the core of our expertise



**Circular saw blades**



**Chipper**



**End mill**



**Bore milling cutter**



**Knife**



**Drill**



**Clamping systems**



**DIA tools**

### **Carbide**

Carbide tools combine precision, cost efficiency, and versatility, making them the standard solution for a wide range of industrial applications.

### **Diamond**

PCD and diamond-coated cutting materials enable maximum service life, highest cutting quality, and consistent performance in series production.

### **HSS / Cermet / CV**

HSS, cermet, and CV tools are an economical solution for heavy-duty applications with consistent cutting quality and high stability.



## Circular saw blades - Custom-made

### Precision made to measure

#### **Custom-made**

AKE Knebel's custom-made circular saw blades are precisely engineered to match material, machine, and process requirements, ensuring maximum precision, tool life, and economic efficiency.

#### **Customized design according to customer requirements**

Each saw blade is specifically tailored to the material, cutting parameters, and production environment.

#### **Highest cutting quality and process reliability**

Precisely manufactured geometries ensure consistent cutting results in series production.

#### **Optimized service life**

Specially developed tooth shapes and coatings reduce wear and tool costs.

Consulting

Order

Production

Delivery

1.

2.

3.

4.





## Circular saw blades - Standard range

We offer a broad product base with options for customization.

### Product overview at a glance

**Quantity:** approx. 5000 products  
**Materials:** wood, steel, aluminum, plastic, insulation materials, and many more

**Cutting materials:** carbide, HSS, diamond, cermet, CV

- Wide standard range of circular saw blades
- Immediately available for a wide range of applications
- Proven AKE quality and high process reliability
- Suitable for a wide variety of materials and machines



### AKE-main line

The AKE-main line is the standard line for versatile applications with high process reliability and cost-effectiveness. The technical layout, construction, design, and manufacturing take place exclusively in Germany.



### Wagner by AKE

Wagner by AKE focuses on high-performance circular saw blades for metal and steel and meets the highest requirements in metalworking.



### Blueline by AKE

Blueline by AKE is aimed specifically at DIY enthusiasts and offers reliable circular saw blades that are easy to use and widely available for our dealers.

### Your advantages:

+70%  
service life

15 dB  
Noise  
reduction

17  
Resharpener  
cycles





## Premium milling tools from Germany

Developed by experienced experts and manufactured to the highest quality standards



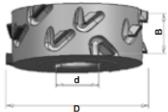
### Chipper

Our milling machines are the ideal solution for economical series production processes where material must be removed quickly, in a controlled manner, and reliably.



### End mill

Thanks to optimized cutting geometries, AKE end mills achieve clean surfaces and precise results, even in delicate milling processes.



### Bore milling cutter

AKE bore milling cutters ensure reproducible bore quality and maximum dimensional accuracy in demanding series applications.



Milling tool production in Rietberg



Development of milling tools by experienced specialists in Germany



Precise manufacturing in accordance with the highest quality and tolerance requirements



Short distances between development, production, and quality assurance



Consistent product quality and high process reliability



## Service & Maintenance

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AKE Knebel increases the service life and cost-effectiveness of your tools through professional service

1. Cleaning
2. Clamping and Alignment
3. Tooth replacement / Re-tipping
4. Regrinding
5. Final Inspection

### *Precision at manufacturer level*



**Comprehensive maintenance service:** AKE Knebel offers a comprehensive service including cleaning, testing, and regrinding for reliable tool performance.



**Optimized service life and reduced downtime:** Regular maintenance ensures longer tool life and minimizes unplanned machine downtime.



**Economic advantage through reconditioning:** Up to 17 regrinding cycles per circular saw blade enable maximum utilization of the tool's potential.



## Industries at a glance

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AKE Knebel is represented in numerous industries with customized tool solutions



### Raw wood

Special tool solutions for use on single-shaft and double-shaft sawmill systems.



### Wooden panels

Special tool solutions for the precise machining of modern panel materials.



### Plastics

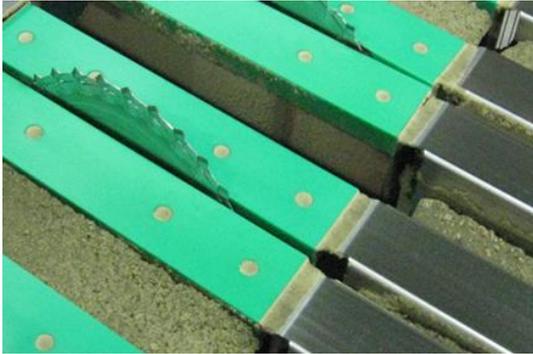
Optimized geometries for clean cut edges in thermoplastics, thermosets, and composite materials.



## Industries at a glance

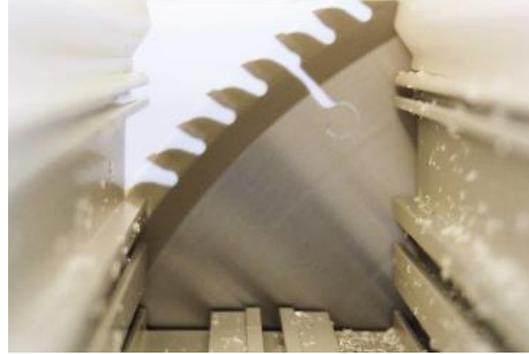
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AKE Knebel is represented in numerous industries with customized tool solutions



### Insulation materials

With our Soft Cut circular saw blades for insulation materials, we offer an innovative solution for chip-free sawing with a significantly longer service life.



### Aluminum

Maximum cost-effectiveness for demanding aluminum processing applications with improved carbide.



### Metal

High-performance tools for extreme service life when machining non-ferrous metals and steel.



## Our customers

Numerous partners and customers rely on our expertise





## Added value for our authorized dealers

Reliable logistics, exclusive products, and first-class quality for our authorized dealers

### *Our partners have trusted us for 66 years*



#### **Ordered today – shipped today\***

Thanks to efficient logistics, retailers benefit from extremely short delivery times and high product availability.



#### **Exclusive products for specialist retailers**

Blueline and CMT products are mainly distributed through retailers, with CMT tools being sold exclusively by AKE Knebel in Germany.



#### **Digital dealer portal**

The online dealer portal gives partners direct access to products, availability, and services.



#### **Special dimensions**

Suitable dimensions for numerous machine manufacturers such as Bosch, Makita, Festool, Mafell, Metabo, and many more - for maximum compatibility in retail.

#### **Our digital dealer portal** *Your digital assistant*

**NEW!**

#### Our features:

- Current price lists
- Brochures for download
- Image gallery & product media
- Personal consultation
- Wide range of products

Visit us:

**[www.ake.de](http://www.ake.de)**

**Become an authorized dealer now!**

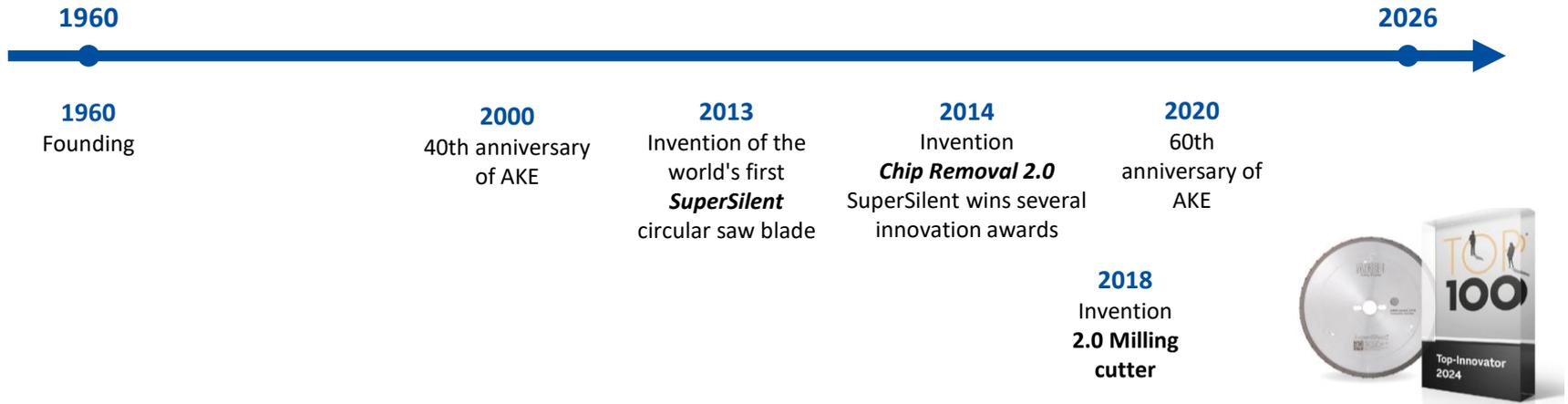
\* Offer applies to items in stock for orders placed before 10 a.m.



## Our history

### AKE Knebel looks back on 60 years of history

- Over 60 years of experience in the development and production of precision tools
- Family-run company with a global presence
- Benefit from the expertise of our application engineers
- Our promise: Highest quality, cost-effectiveness, and innovation for your success





## Think global - act local

AKE Knebel is represented in 56 countries worldwide

### „Made in Germany“

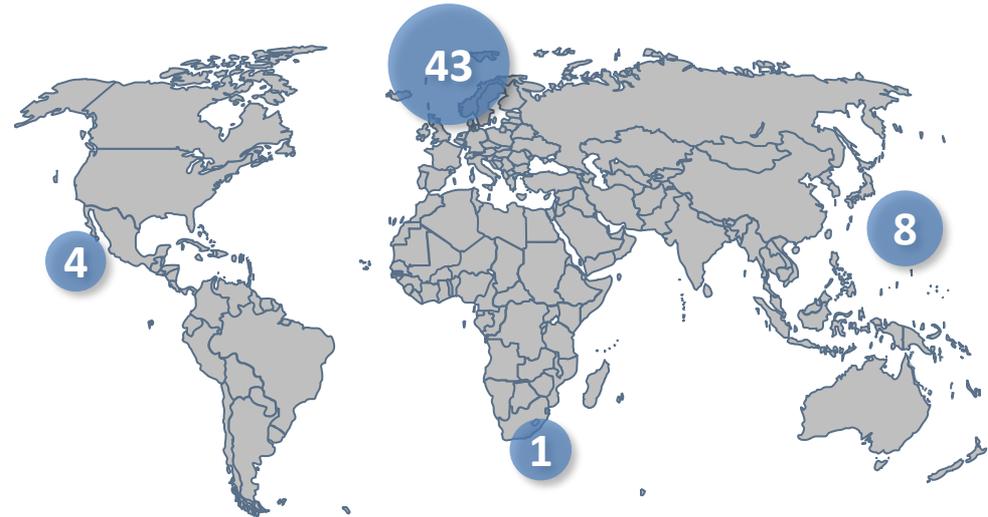
Most of our self-manufactured products are developed and produced by experts in Germany.

### Global network

Thanks to our 39 distribution partners, who represent us in 56 countries, we are able to develop a deep understanding of our customers' needs.

### AKE Knebel as your partner

Our customer-oriented special solutions are used and valued by renowned companies both domestically and abroad.





## Your contact to our expertise:

### Get in touch:

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