

ALUMINIUM PROCESSING



 **PRESSING PLANT**

**ECONOMIC EFFICIENCY**

**KNOW-HOW SILICON ALLOYS**

**TOOL LIFE ALUMINIUM**

**PROFILES FINISH CUT PANEL SIZING**

**APPLICATION ADVICE ALUMINIUM INGOTS**

**BULK CUTTING EXPERIENCE**

**ALSi10 CAST**

*SERVICE*

*COPPER SURFACE QUALITY*

*PURE ALUMINIUM*

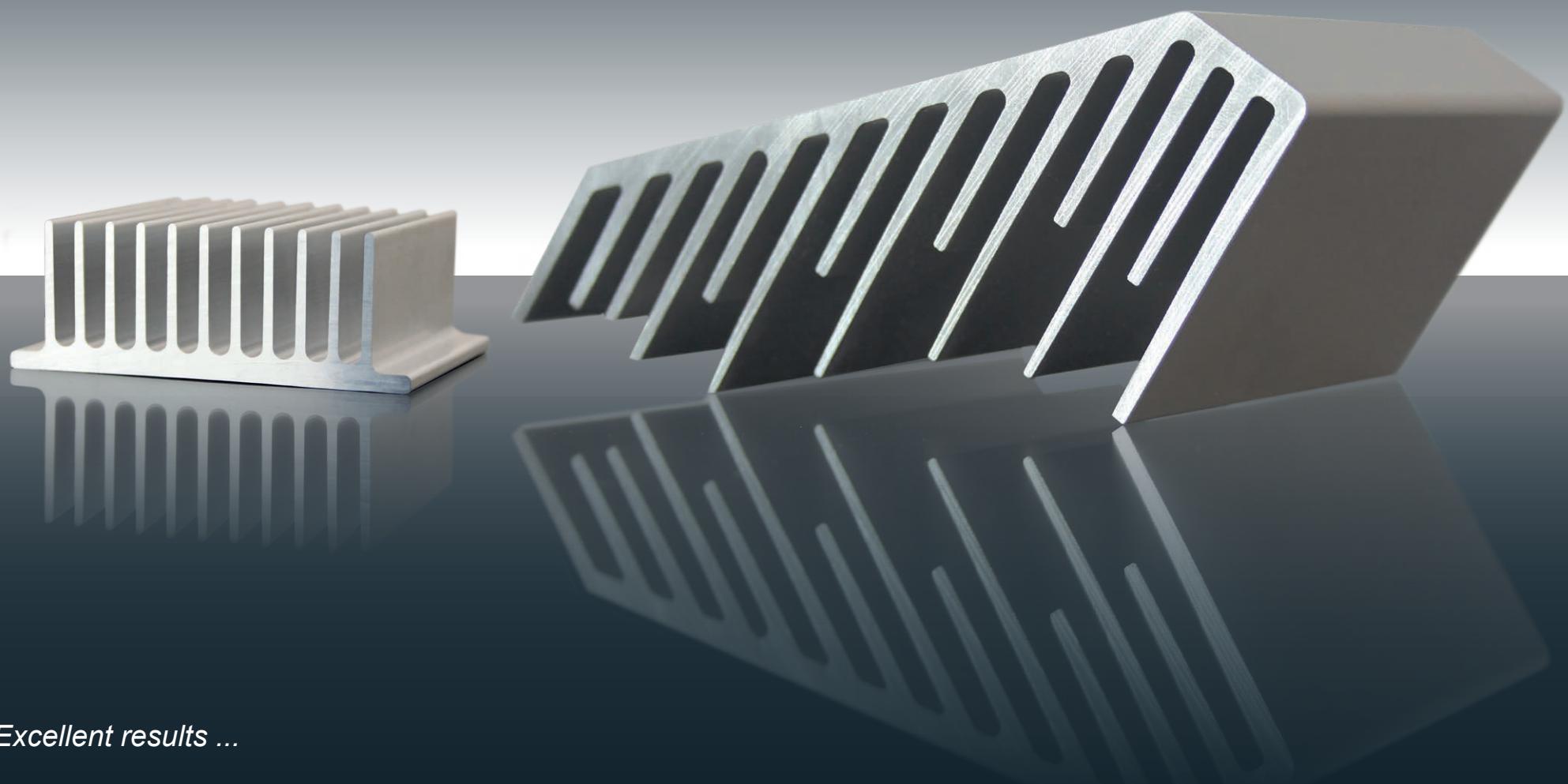
*MAGNESIUM ALLOY*

*COMPETENCE WITHOUT REWORKING*

*BURR-FREE CUTTING EDGE*

*CUSTOMER FOCUS*

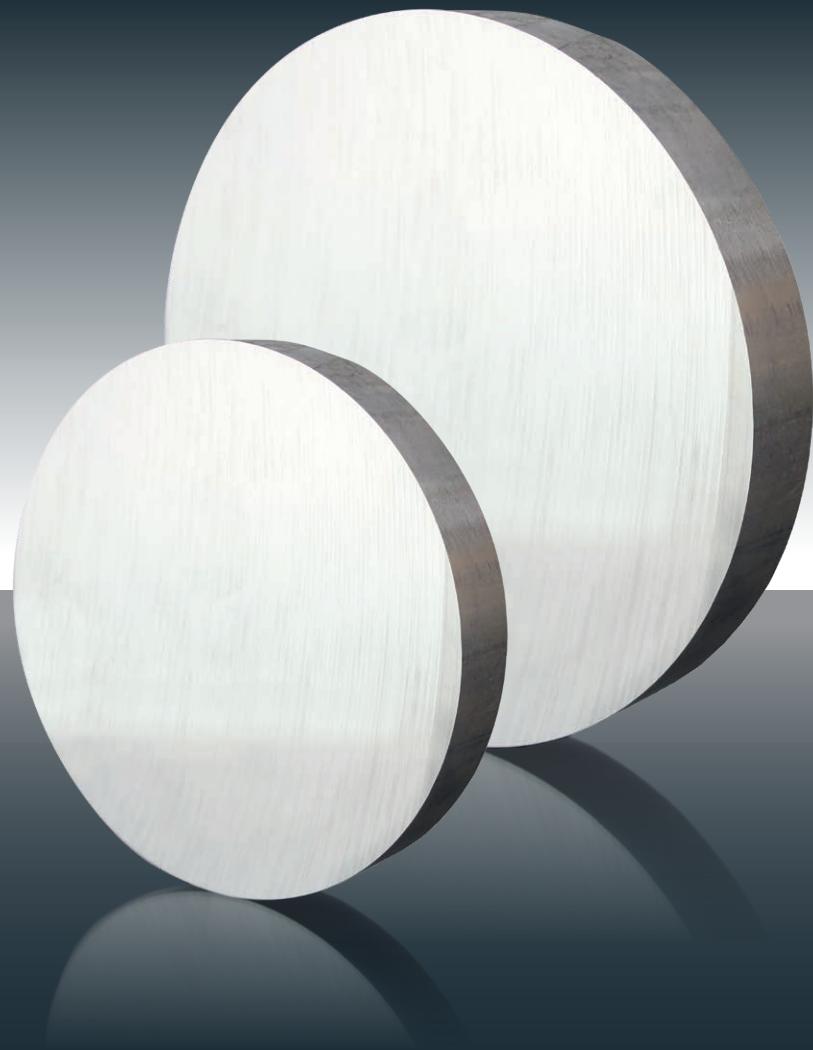
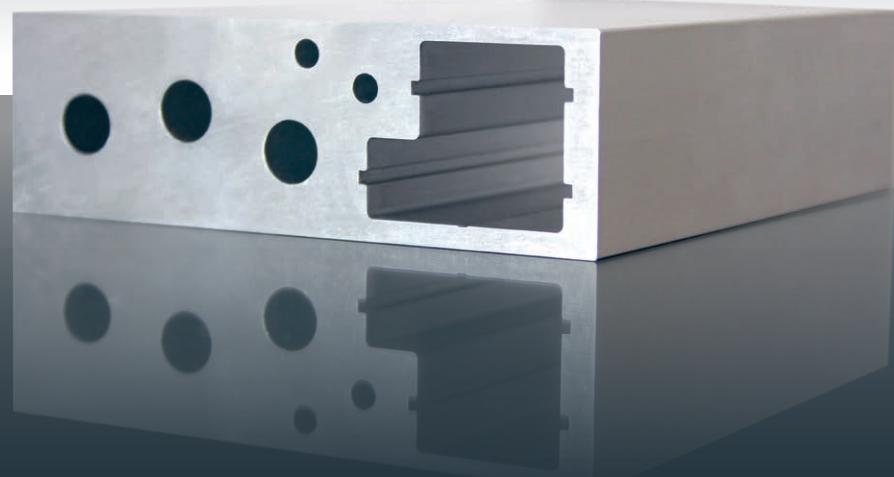
*ROUGHNESS*



*Excellent results ...*

# BOMBASTIC®





*... in all materials.*

# DIAMOND



A close-up photograph of two hands shaking. One hand is dark-skinned and wearing a dark suit jacket. The other hand is light-skinned and wearing a dark, ribbed sweater. They are firmly gripping each other in the center of the frame.

*Solutions for you*

*Individual advice*

*For you on site*

*Custom-made*

*Purposeful*

***For your efficiency  
and economy***

**CUSTOMER FOCUS**



*“Custom-made for you”*

## DIAMOND BOMBASTIC®



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Type 0040  
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**PERFORMANCE**



VARIETY

*“From small to large: Highlights made by AKE”*

# Rework ≈ 0

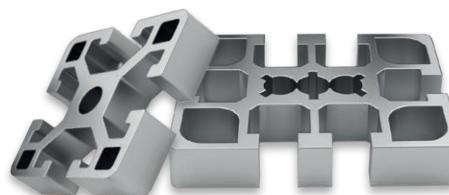
*Perfect cutting result on your product*

*Significant savings of time & costs*

*Less rework necessary*

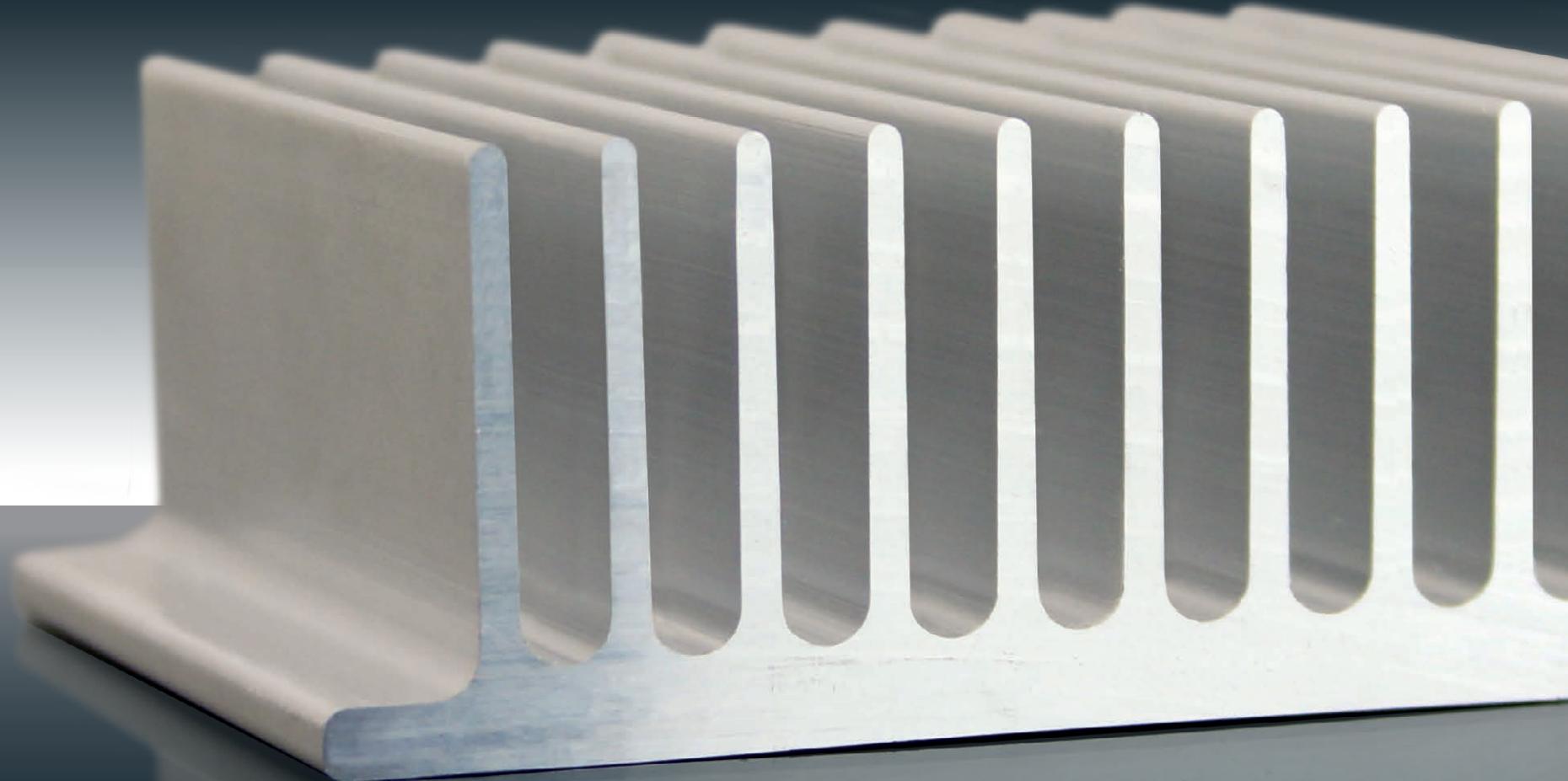
*Extremely long tool life*

*“Bombastically” good*



*Bombastic®*

QUALITY



*“Synonym for excellent cuts”*

*... runs and runs ...*

*Significant tool life benefit compared to carbide*

*Minimised machine downtimes*

*For all aluminium alloys*

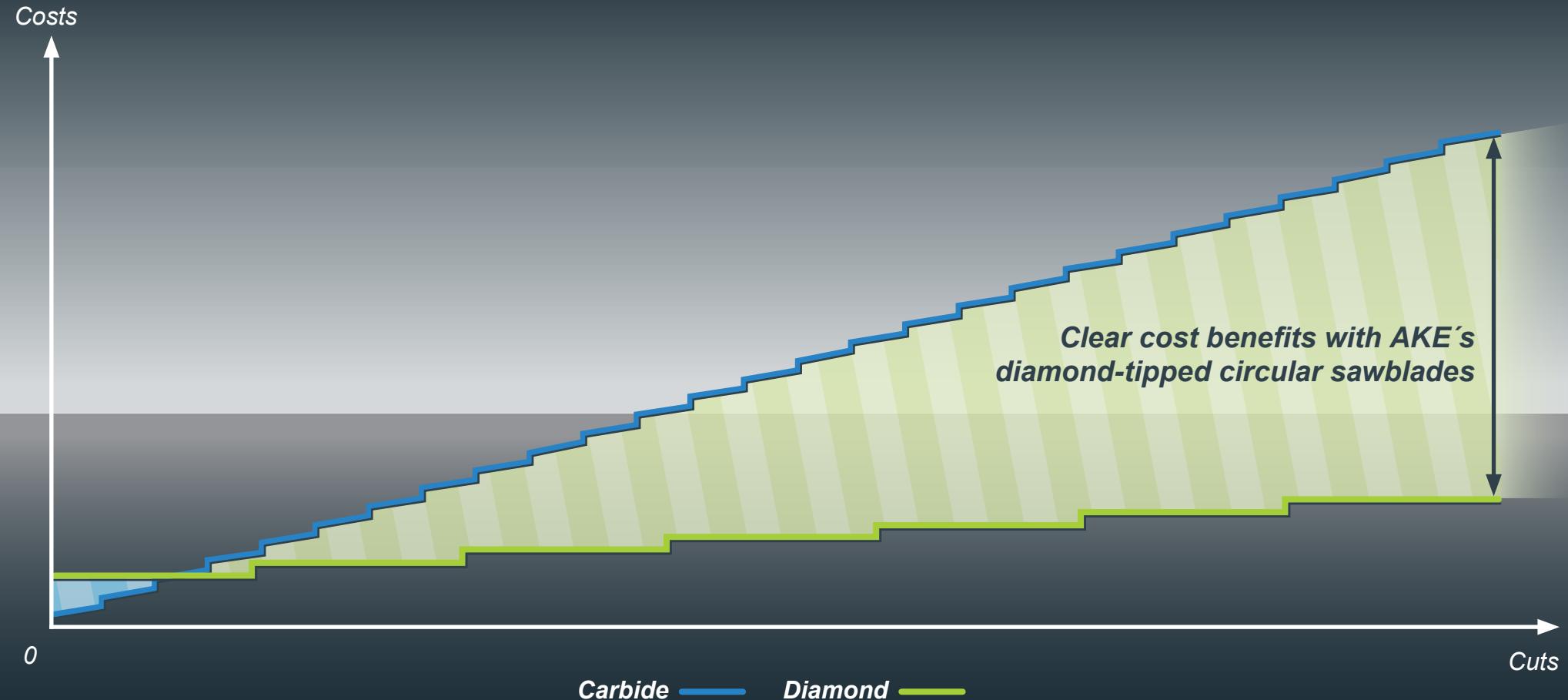
*Very low cost per cut*

*A jewel*



*Diamond*

# ECONOMIC EFFICIENCY



*“The secret of perpetual tool life”*

# *AKE is your solution*

*Excellent cutting performance & cutting quality*

*Very quiet and low-vibration cuts*

*Higher material utilization*

*Quality & Efficiency*

*Precision*

*Download our latest  
aluminium programme:*



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



*Performance*



**FLEXIBILITY**



*“High Quality is our standard”*

# Competence centre: Hydro Nenzing GmbH



**Hydro Nenzing is the development and production partner for aluminium processing.**

With over 50 years of aluminium extrusion expertise, entrepreneurial spirit and continuous improvement, we lead the industry.

Whether cruise ships, LED lights, windows or air conditioners, Hydro's experts help design, extrude and manufacture the parts that shape their customers' world.

**The world's largest partner for aluminium solutions.**



***“AKE is the best in the long-term test.”***



***“With AKE we achieve a significantly higher output.”***



***“The AKE tool's life time was four times higher.”***



***“For us a clear decision for the Bombastic.”***



***“AKE scored especially in terms of service and flexibility.”***



***“We are positively surprised by the performance of Bombastic.”***



***“Our understanding concerning the cutting process has grown.”***





Since its foundation by Albert Knebel in 1960, over 50 years ago, AKE has been standing for highest quality in industry and crafts. AKE today – is one of the leading manufacturers of circular saw blades and cutting tools worldwide.

**Whether individual tools or demanding standards are required: the solution is always AKE.**

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