

KNARR®





KNARR GROUP

The KNARR Group, headquartered in Helmbrechts, Northern Bavaria, is a manufacturer and system supplier for tool and mould construction as well as for mechanical engineering. In addition to standard parts and mould bases, customer-specific solutions are also part of the portfolio. Since its founding in 1994, this certified family-owned business has developed as a key player in the international market.

● Headquarters

● KNARR Formtechnik GmbH

● Warehouse

1

team

with more than 250 specialists

1994

founding

of KNARR Werkzeugfertigung GmbH

12,600

square metres

of production space solely in Helmbrechts

100,821

cups

of coffee per year

239,980

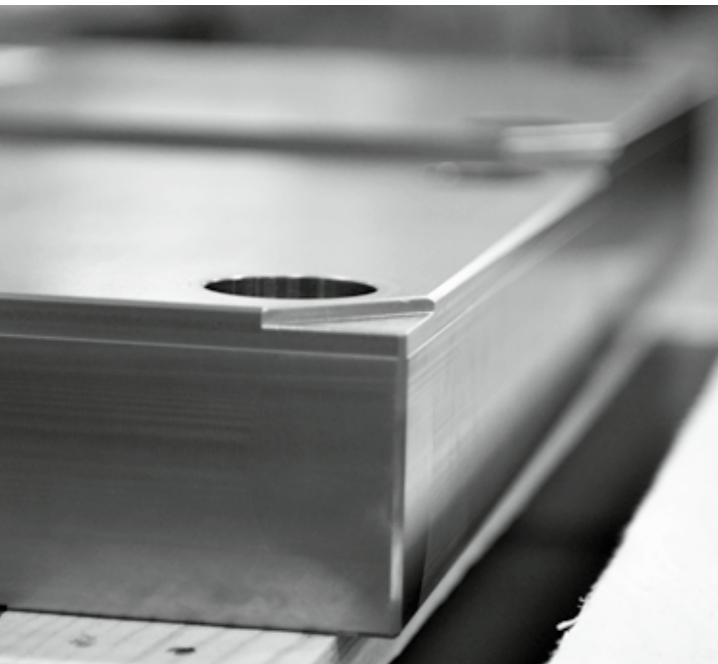
individual items/dimensions

in stock

754,000

kilowatt-hours

of electricity from our photovoltaic system



MOULD BASES

Fast availability and reliable delivery with outstanding quality — we meet these requirements with stress-relieved plates, available from stock for two standard systems.



STANDARD PARTS

Hundreds of items with thousands of dimensions are ready for installation in your tool. The high degree of standardisation and immediate availability reduce your processing times to a minimum.



SPECIAL PARTS

If your requirements are beyond the geometries of a standard part, we are happy to assist you with our expertise and extensive production capabilities. We manufacture your part according to your exact specifications.

TOOL & MOULD MAKING

As a standard parts manufacturer and system supplier, we support mould makers, injection moulders and designers with a wide range of standard elements. The combination of in-house production depth and a state-of-the-art machine park enables the production of customised individual components, which is another of our core competencies.

To ensure that your moulds continue to function reliably for years to come, we consider potential future changes to requirements right from the development of our standard parts.

This foresight, a deeply rooted customer service and passion for what we do makes us your competent partner, too!



Dear Readers,

Technical affinity, conscientiousness, and an unconditional passion for precision are qualities that distinguish us as toolmakers.

However, these core values have long been insufficient on their own. Globalisation, digitalisation, and even global crises present our craft with new challenges.

Our answer is simple and unwavering: trust-based partnerships on an equal footing are the foundation for overcoming these challenges together. Let us face these tasks with respect, confidence, and self-assurance!

With best regards,

A handwritten signature in teal ink, appearing to read "Rainer Knarr".

Rainer Knarr
Managing Director

MANUFACTURING COMPETENCIES

The wide range of manufacturing competencies results in a very high level of vertical integration. The considerable degree of in-house production of standard parts enables independence from suppliers and continuous quality control of manufacturing processes. We optimise manufacturing operations to meet the needs of our customers, resulting in a unique price-quality ratio.

Product- and application-specific expertise combined with a state-of-the-art machine park forms the basis of another core competency: We manufacture complex part geometries individually according to your drawing.

Deep hole drilling



Grinding

Flat, profile, and cylindrical grinding (inside, outside, centreless)

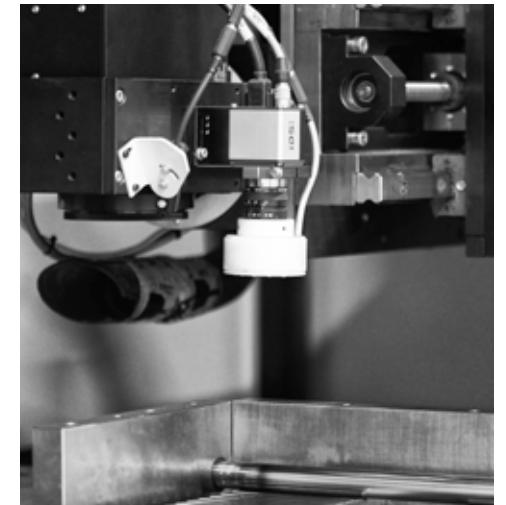


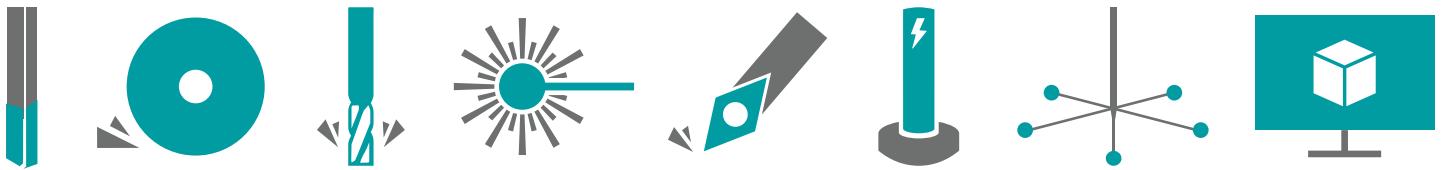
Milling

2-/2.5-/3-D milling, HSC milling, 3-axis & 5-axis machining



Laser engraving





Turning

Ultra-precision turning,
micro and hard machining



Eroding/EDM

Die-sinking and wire-cut erosion



Measuring

Tactile and optical measuring



Design/CAD



MOULD BASES & STANDARD PARTS

MOULD BASES

- › System F
- › System K
- › P-Plates
- › PX-Plates



SLIDE SYSTEM



EJECTION/DEMOULDING



CENTRING AND GUIDING ELEMENTS



INJECTION/MARKING

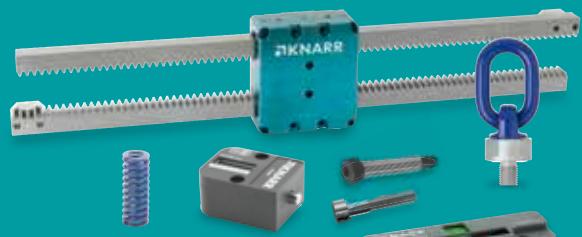


COOLING/TEMPERING



CUSTOMISED SPECIAL SOLUTIONS

GENERAL PARTS FOR TOOLING



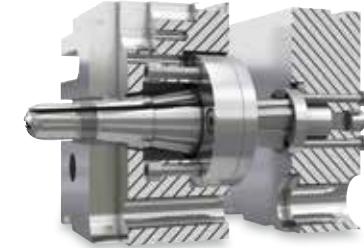
ELECTRONICAL COMPONENTS



SPECIAL PARTS



COLLAPSIBLE CORES



READY-TO-USE EJECTION TECHNOLOGY

- ▶ Cut-to-length service
- ▶ Contour machining
- ▶ Marking



PLATES WITH MACHINING





QUALITY IN ALL MATTERS

As a certified company, we define goals and values in our internal quality policy. A commitment to continuous improvement, a constant focus on absolute customer orientation, and consideration of environmental protection are just a few aspects.

Hereby the most important factor in maintaining our quality standards is our employees!



QUALITY...

- ... is achieved with employees from all departments and functions.
- ... is not a goal, but a continuous process.
- ... requires active effort and must be earned.
- ... is driven forward together with our partners.

Certification according to DIN EN ISO 9001 forms the cornerstone of our quality assurance. The voluntary, process-orientated quality management system monitors and checks all operational processes.

Tactile and optical measuring methods, ranging from manual to fully automatic, ensure accuracy up to 0.001 mm.

OUR REFERENCES

Why should you trust KNARR?

Because national and international partners have done so for many years?

Because you would also like to impress your customers with quality?

Because you value professional exchange with experts?

Because individuality is as important to you as standardisation?

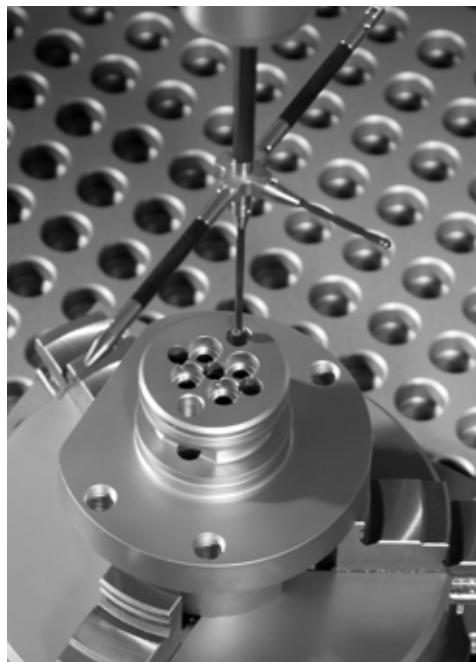
Get in touch with us and become part of our success story!



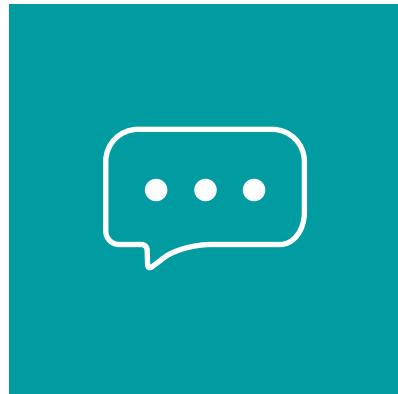
GRAMMER

preh





8 REASONS FOR KNARR



As experts in tool and mould making, we speak the language of our customers.



"Made in Germany" is our standard – "Made in Europe" is the minimum requirement for partners.



Personal and competent support before, during, and after a joint project.



We create customized solutions, flexibly tailored to your requirements and specifications.



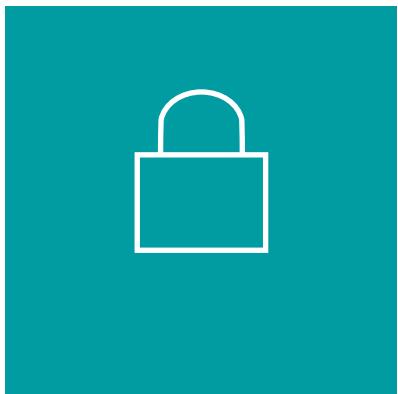
You could find cheaper! BUT: We are proud to be able to offer top quality at fair prices!



Ordered today – delivered tomorrow! Standard deliveries leave our warehouse on the same working day.



Employee retention is as important to us as maintaining consistently high quality of our products.



Strict security guidelines allow the processing of sensitive production data.



Trade fairs



Employee recognition



Team event
dragon boat regatta



Barbecues



Seminars &
guided tours



Pleasant work
environment



INSIGHTS INTO KNARR



1994



1994

In autumn 1994, Rainer Knarr laid the foundation for today's corporate group.



2001

Expansion of the company building.
The KNARR Group employs 35 people.



1996

Construction of the first company building began at Langacker 20 in Oberweißenbach. One year later, the move and inauguration took place.



2002

First company product catalogue, spanning 63 pages.

1998

The first apprentice started training in tool mechanics – mould construction. Training and development of our qualified staff has been an integral part of KNARR ever since.

2007

Move to the current company building at Gunterstraße 31 in 95233 Helmbrechts.

2000

Founding of the sales company „Rainer Knarr Handelsvertretung.“ In addition to traditional contract manufacturing, standard parts for mould construction were produced and sold.

KNARR Webshop:
All products, catalogue data, and design data can be accessed online 24/7.

TODAY



2009

The KNARR group is certified in accordance with DIN ISO 9001:2008.
A photovoltaic system with approx. 11,000 modules is installed on the company roof and put into operation.



2012

The final step towards becoming a system provider – Mould bases were added to the portfolio.

2013

Thanks to the new production line, the product category „stepless ejector sleeves“ is extended up to a length of 1000 mm.

2014

Expansion of plates and mould bases – System F.
Portfolio extension to include the product categories limit switches, slide elements, hydraulic cylinders, collapsible cores, and precision interlocks from in-house production.



2015

Hour of birth of the KNARR Precision Day.

2017

Relaunch and complete overhaul of the corporate design.
KNARR introduces a new logo.

2018

Opening of the Warehouse in Leiria, Portugal.



2020

New member of the KNARR Group:
KNARR Formtechnik GmbH in Laichingen!

KNARR GROUP

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