

PROCESSES & TECHNOLOGIES

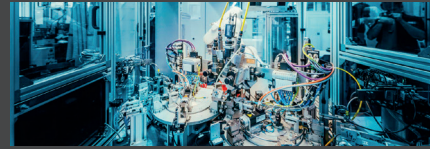
TECHNICAL STRENGTH AND EXPERIENCE FOR EXCELLENT QUALITY PARTS.



Spring technologies
Tailored to your application - whether wire or strip-related.



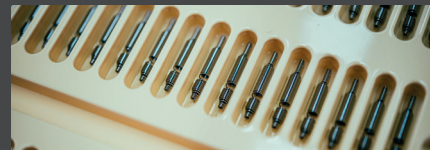
Injection molding
We are your partner from conception to production.



Laser welding technology
Focused energy gets straight to the point.



Clean room production
Available at CARL HAAS in accordance with ISO 7 & GMP C.



Customer-specific packaging
Packaging for high-quality products that meet your requirements.



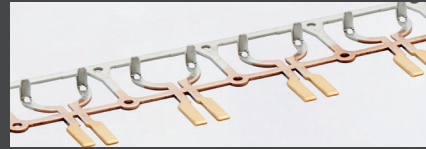
Measuring equipment technology
Highest precision for repeatable and reliable measurements.



Micro-turning
Perfect micro-turned parts made of all common machinable materials.



Stamping and bending technology
High-precision and technical strength.



Surface treatment
To improve the functionality of all springs and components.



Engineering
Development expertise from concept to production.



Drawing and rolling
You want smaller and finer dimensions? We can do it for you.



Quality assurance
Exceeding your expectations!

KERN-LIEBERS

GROUP OF COMPANIES

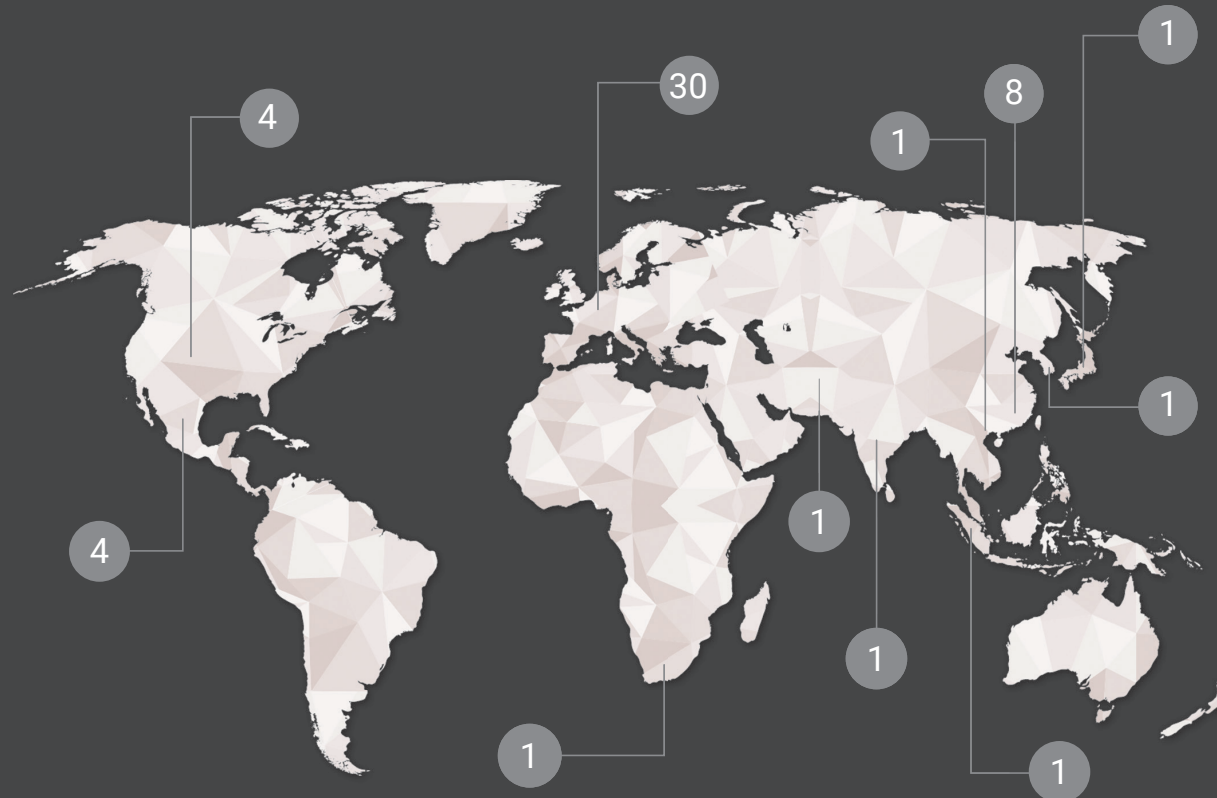
THE KERN-LIEBERS GROUP OF COMPANIES. A SIZE THAT PAYS OFF.

When you put your trust in KERN-LIEBERS, you benefit not only from the strength of an individual company, but from the unique expertise of a global group of companies that sets new standards every day. Standards in terms of quality, competence and performance.

EMPLOYEES WORLDWIDE
8000

COMPANIES
53 WORLDWIDE

MORE THAN **125** YEARS OF
EXPERIENCE



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HAAS

CARL HAAS

PRODUCTS FOR MEDICAL TECHNOLOGY



teufels.com



CARL HAAS GMBH

PASSION FOR YOUR SUCCESS.

Only those who bring pleasure and passion to the support of their customers can create real added value. That's why we at CARL HAAS are committed to working efficiently together across departments and hierarchies, and cooperate with our suppliers and customers. Because the success of CARL HAAS is closely linked to the success of you as our customer, we work closely with you right from the idea and development phase to gain a comprehensive understanding of the challenge at hand and the solution required.

With this knowledge, we develop an individual and optimum solution, drawing on our long-standing, trusted suppliers and partners and on our affiliates in the KERN-LIEBERS group of companies. The hallmarks of this goal-oriented partnership of cooperation are a focus on solutions, a sense of responsibility and fairness. Our values-based management facilitates our people in developing a strong collective desire to strive for improvement. Experience our spirit – passion for your success!

EMPLOYEES

236

2000
 DIFFERENT
 PRODUCTS

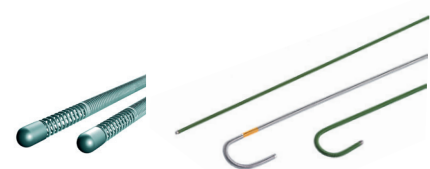
MORE THAN
110
 YEARS
 OF EXPERIENCE

OUR PRODUCT RANGE

INDIVIDUAL, HIGH-PRECISION, COMPLIANT.

With extensive experience in the watch industry, CARL HAAS has been successful in the manufacturing of medical components and products for more than 30 years. Because of our wide range of in-house technologies, we can work together with you to produce solutions for your specific products.

We offer you solutions for demanding products, taking account of technical cleanliness and biological compatibility. We live processes and products that conform to the highest standards, therefore our management system is certified according to DIN EN ISO 13485, 14001, 50001 and 9001/ IATF 16949.



GUIDEWIRES

Our extensive experience in the development and manufacture of guidewires allows us to reliably offer you high-quality products - from prototypes to high-volume production.



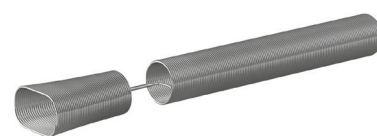
STONE EXTRACTOR BASKETS

The innovative product range of stone extractor baskets from CARL HAAS is the ideal surgical option to remove kidney and bladder stones. CARL HAAS has developed a series of products with different numbers of wires and in various shapes.



MICRO-TURNED PARTS

Decades of manufacturing experience: macro know-how for micro precision-turned parts.



URETER PROSTHESES

The first ureter prostheses were developed in the eighties. Since then, we have continuously developed this product to improve the product properties.



SET AND UNSET SPRINGS FOR THE SPECTACLES INDUSTRY

Production of the smallest, highly loaded compression springs, which ensure the function of spring hinges in the spectacle optics.



ULTRA-FINE WIRES AND FLAT WIRES

The finest wires and high precision strips with CARL HAAS-developed drawing machines and rolling mills.



REINFORCEMENT SPIRALS

The spirals are used for the reinforcement of e.g. tracheal tubes in order to improve their dimensional stability.



ASSEMBLIES

Our wide range of technologies enables us to produce hybrid assemblies for you as our customer, even in clean rooms.



SPECIAL SOLUTIONS

All prototypes and small batches of our special solutions for the medical technology will be produced according your specific requirements. We process all stainless steels according to DIN and AISI, including the common implant materials.

