

KLINGEL

medical metal group



JOSEF GANTER
Feinmechanik



KLINGEL
medical metal



BÄCHLER
feintech



ruetschi



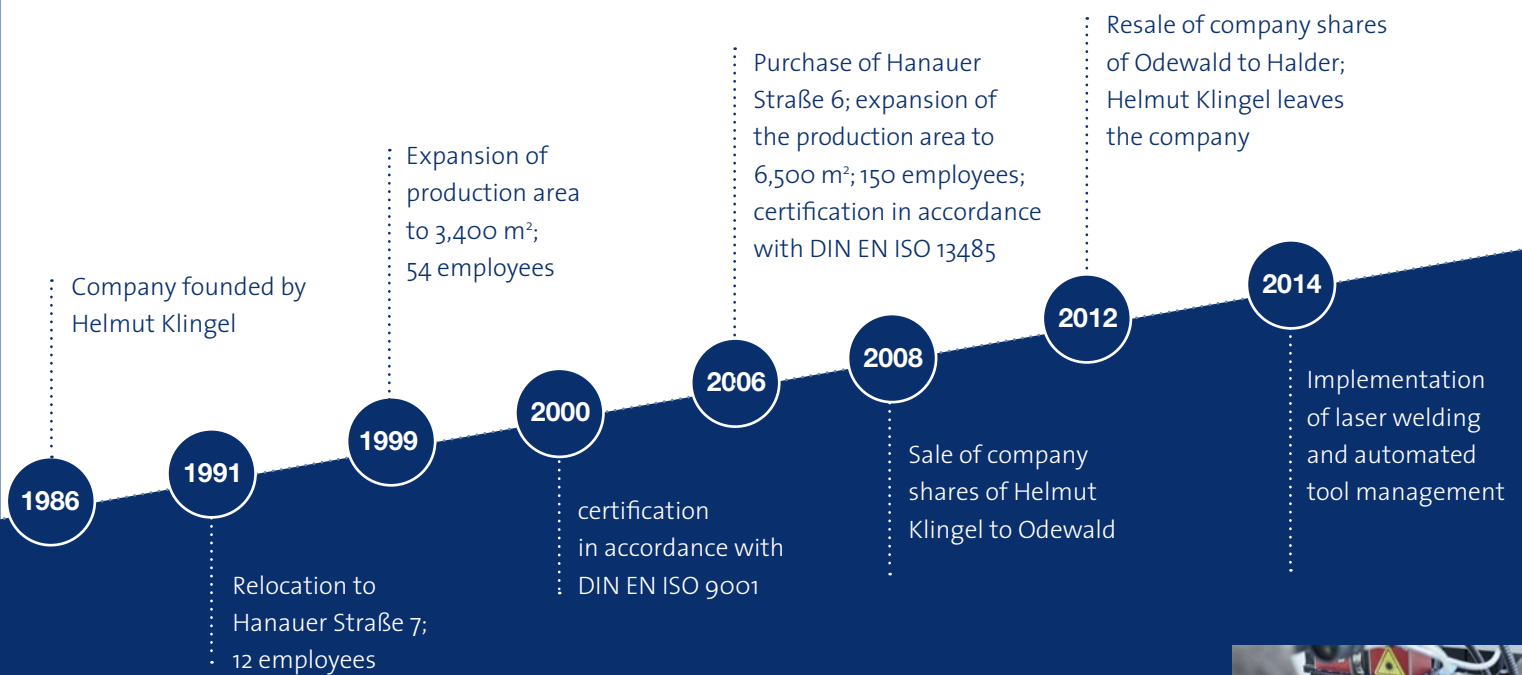
puracon
more than packaging



PRECISION IN NEW DIMENSIONS

With passion for precision


In the development and manufacture of products for medical technology, precision is crucial. The Klingel medical metal group with its five partners has made a name for itself internationally, as a specialist for solutions that are as high-quality as they are innovative. Bringing everyone together under one roof allows for an optimal exchange of experience and know-how. The added value chain created by this merger is unparalleled.







Implants/components/modules for a variety of applications in medical technology






Torque ratchets, tools and mandrels for dental technology, microparts for medical technology:





Tools and surgical instruments for orthopaedics and dental technology



> Five competence centres under one roof lead to incredible capabilities for quick and efficient order processing of customer-specific solutions

> Specialists in difficult to machine materials and complex geometry with narrow tolerances



KLINGEL

medical metal

JOSEF GANTER
Feinmechanik

Name change and marketing of the brand as KLINGEL medical metal GmbH; takeover of Josef Ganter Feinmechanik

Expansion of added value chain into a one-stop-shop; increased automation

BÄCHLER

feintech

Purchase of Bächler Feintech AG, Hölstein/Switzerland
Completion of new building for Josef Ganter

ruetschi

Acquisition of the medical technology company Ruetschi Technology in Muntelier/Switzerland

2015

2016

Implementation of an electro-polishing plant



2017

2018

Groundbreaking for a new Klingel building; Resale of company shares of Halder to IK Investment; Implementation of an automated cleaning plant; Start of new Josef Ganter building; purchase of GEHRING CUT, Switzerland



GEHRING CUT

2019

2020

Completion new building in Pforzheim; GEHRING CUT changes to Bächler Feintech AG, Matzingen; Purchase of puracon GmbH, Rosenheim

puracon
more than packaging



2021

Today

Group turnover: 116 Mio;
870 employees

puracon
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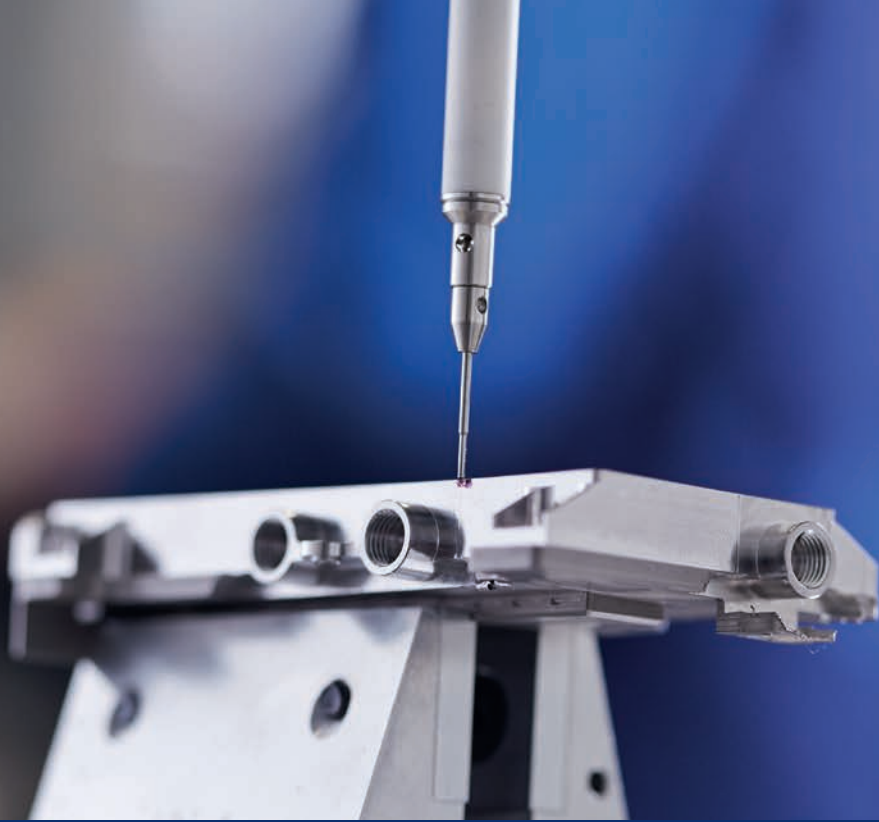
Validation, sterile and non-sterile packaging, as well as worldwide logistics of medical devices

ruetschi

Engineering, quality and regulatory consulting, CNC machining, 3D printing, injection moulding, assembly and sterile packaging

> Over 30 years of experience, over 870 employees and 40,000 m² of production area create synergy effects to the benefit of our customers

> Certification in accordance with DIN EN ISO 13485



KLINGEL medical metal GmbH Specialist in challenging geometries and materials

Since its founding more than 30 years ago, Klingel medical metal GmbH has developed into a Europe-wide leading company in the area of precision engineering. The machining specialist from Pforzheim, Germany currently boasts a team of around 320 qualified and experienced experts. Klingel develops and manufactures high-precision components from hard to machine materials, primarily stainless steel and titanium, in uncompromising quality and technical aesthetics.

Klingel products meet the highest standards of medical technology and other sectors such as measurement and control technology and aviation and aerospace. The high-quality services are based on decades of experience and expertise in the specific characteristics of the materials. The result is fully functional high-end components. Klingel medical metal is certified in accordance with DIN EN ISO 13485:2016 and FDA-registered. The employees work in accordance with certified and traceable process instructions which are reliably documented.

As a full-service supplier, Klingel offers its customers a large selection of technologies and a wealth of experience in processing complex, hard to machine materials and geometries. The meticulously planned process and interface management ensure maximum efficiency and reduced throughput times. With a sustainable growth strategy and continuous investment in modern machinery, new production technologies and automation, Klingel medical metal stands for long-term partnerships.





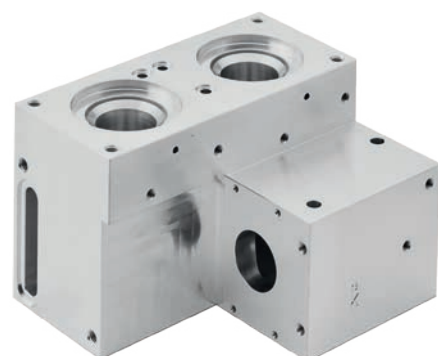
On around 12,000 m² of production space, the company manufactures and finishes medical parts such as dental, orthopaedic and spinal implants as well as instruments and components for orthopaedic and minimally invasive procedures, robotic surgery, cardiovascular systems, medical equipment and operating tables. Based on our high internal competence for customised solutions, specially trained staff work on more than 200 CNC turning and milling centres and special machines for downstream processes. For over three decades, Klingel medical metal has stood for metal precision of the highest quality and with minimum tolerances "made in Germany".

Contact



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KLINGEL
medical metal





Josef Ganter Feinmechanik GmbH Precision in dental technology

Josef Ganter Feinmechanik is part of the Pforzheim Klingel medical metal group, and has been an established partner in the medical technology industry for more than 90 years. The key competence of the company includes the development and manufacture of dental instruments, specifically torque ratchets and mandrels, and complex, customer-specific precision parts for various branches of medicine and the areas of optics and precision engineering. The traditional company from the Black Forest region of Baar-Heuberg impresses customers through unrivalled quality and reliability. The success of Josef Ganter precision engineering is based on the knowledge, commitment and passion of the company's well-trained and experienced employees and the use of the latest machines and plants. The company has high-performance CNC automatic lathes, and lathing and milling centres with up to 12 axes. Production is made in both small and large-scale serial production with a diameter of 0.5 mm to 32 mm. Both titanium and special alloys as well as stainless steels, machining steels, non-ferrous metals and plastics can be processed.

Josef Ganter Feinmechanik supports its customers in all phases of a given project and is certified in accordance with ISO 13485:2016. Thanks to a high in-house production range and depth, the company is also capable of completing special requests. Alongside CNC machining, the service portfolio also includes upstream and downstream processes, e.g. development and construction, vibratory finishing, polishing, sand blasting, laser welding, passivation, centreless cylindrical grinding, anodisation of titanium, component assembly, engraving, coloured marking with ceramic colour, labelling and packaging.

Josef Ganter Feinmechanik is one of the leading manufacturers of torque ratchets, insertion tools and disc carriers (mandrels) in the European dental sector. Josef Ganter Feinmechanik's torque ratchets are manufactured from robust, abrasion-resistant and chemical-resistant material and feature an impressive aesthetic design and excellent functionality. Furthermore, they are easy to clean and simple to handle. The torque ratchets can be ergonomically adjusted to individual requirements and are compatible with the various instruments and tools. The universal ratchets are available with and without torque function, with and without bending beam attachment, and even in one piece (does not need to be disassembled for cleaning and processing).





Contact



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JOSEF GANTER
Feinmechanik





Bächler Feintech AG Precision & Compliance

Bächler Feintech AG with its main offices in Hölstein (BL) and a production plant in Matzingen (TG) since 2021, is an ultra-modern precision engineering company from Switzerland. Since the company's founding in 1964, we have been manufacturing high-quality precision turned and milled parts, tools, surgical instruments and implants as well as component parts of the highest precision for medical and dental technology, for the chemical industry and apparatus engineering. We manufacture with modern CNC-controlled milling machines and lathes, automatic lathes, and cylindrical grinding machines. DSC high-pressure crucibles (dynamic differential calorimetry) produced especially for thermal analysis or drill chucks with keys made of high-quality stainless steel, with hardened jaws, precise concentricity and individual connection geometries for drivelines are just some of the examples that we develop and produce tailor-made for our customers. Our expertise also includes services such as surface refinement, electropolishing, blasting, passivation, alkaline and acidic cleaning or outsourcing of material. Our services further include design and development, various measuring methods such as 3D measuring, contour measuring and optical measuring methods, storage and packaging according to customer specifications, as well as delivery systems such as Kanban Ship to Line. Well-trained, motivated and qualified employees are supported by a constantly improved quality system that complies with ISO 13485 standards.





Contact



Bächler Feintech AG

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4434 Hölstein
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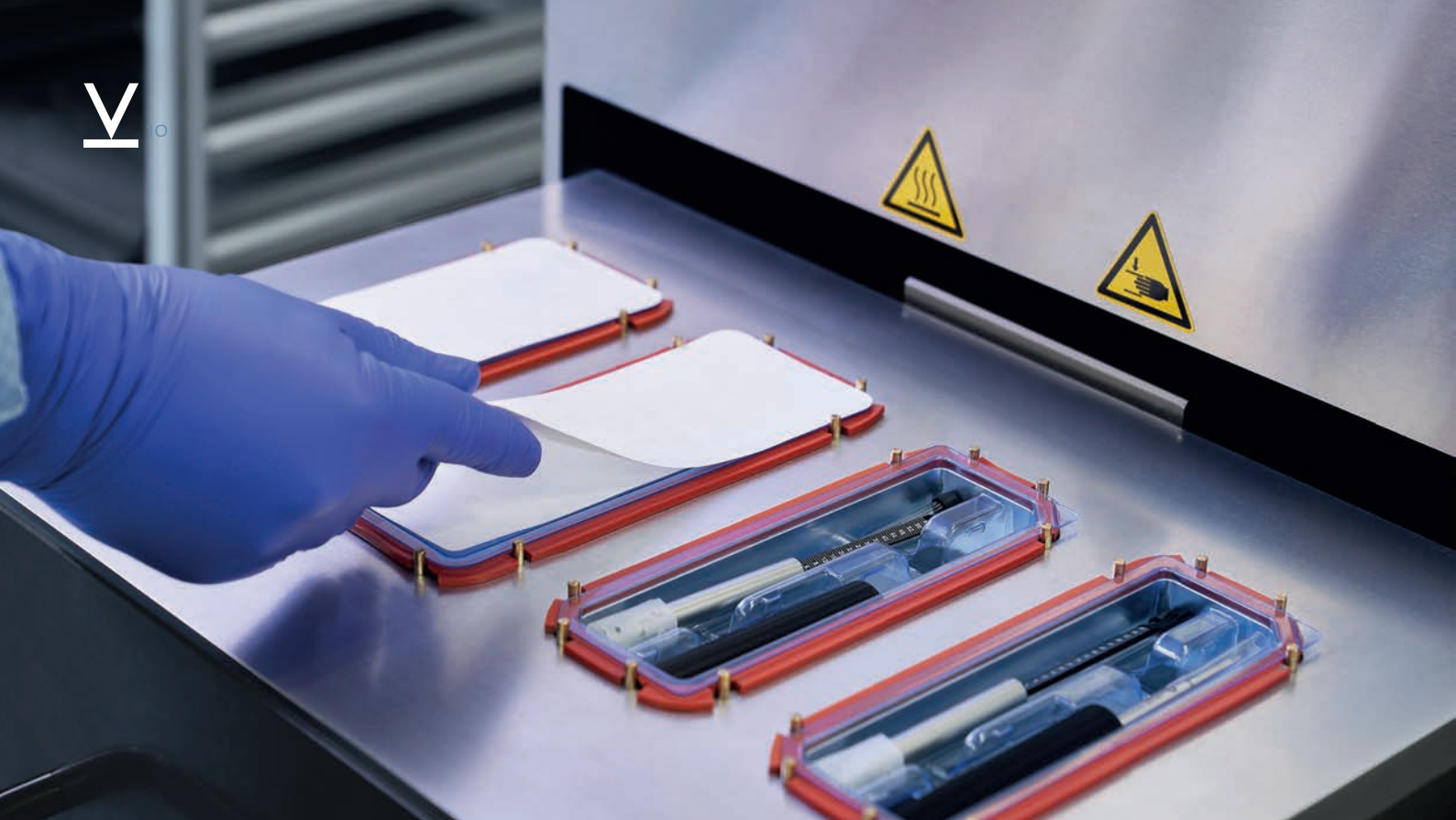
www.baechlerfeintech.ch

Production plant:

Alte Poststraße 5
9548 Matzingen
Switzerland

BÄCHLER
feintech





puracon GmbH **Specialist for sterile packaging concepts**

Since its foundation in 2003, puracon GmbH has stood for innovation, quality and competence in the field of sterile packaging solutions for medical devices. The core competence of puracon as a full service provider lies above all in the packaging of sterile and non-sterile medical devices. Consulting with reference to necessary validations and their implementation plays also an important role.

Furthermore the range of services also includes development of customer-specific packaging solutions, final cleaning and assembly of the medical devices, design and printing of labels, sterilization of the products and finally the worldwide logistics of the ready for sale products. A unique service is the comprehensive pre-validated system for sterile packaging solutions, which allows customers to reduce the sourcing and validation process by up to 15 months.

At the Rosenheim facility, 5,700 m² state-of-the-art warehouse, production and office space, two GMP Class C qualified cleanrooms as well as an in-house blister production are available. Nearly 70 highly motivated and qualified employees work with puracon on the smooth and target-compliant implementation of customer and packaging projects. As a globally acting company in the medical technology sector, puracon is of course certified according to EN ISO 13485:2016 and registered with the American FDA as well as the Japanese Public Health Authority.





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puracon
more than packaging





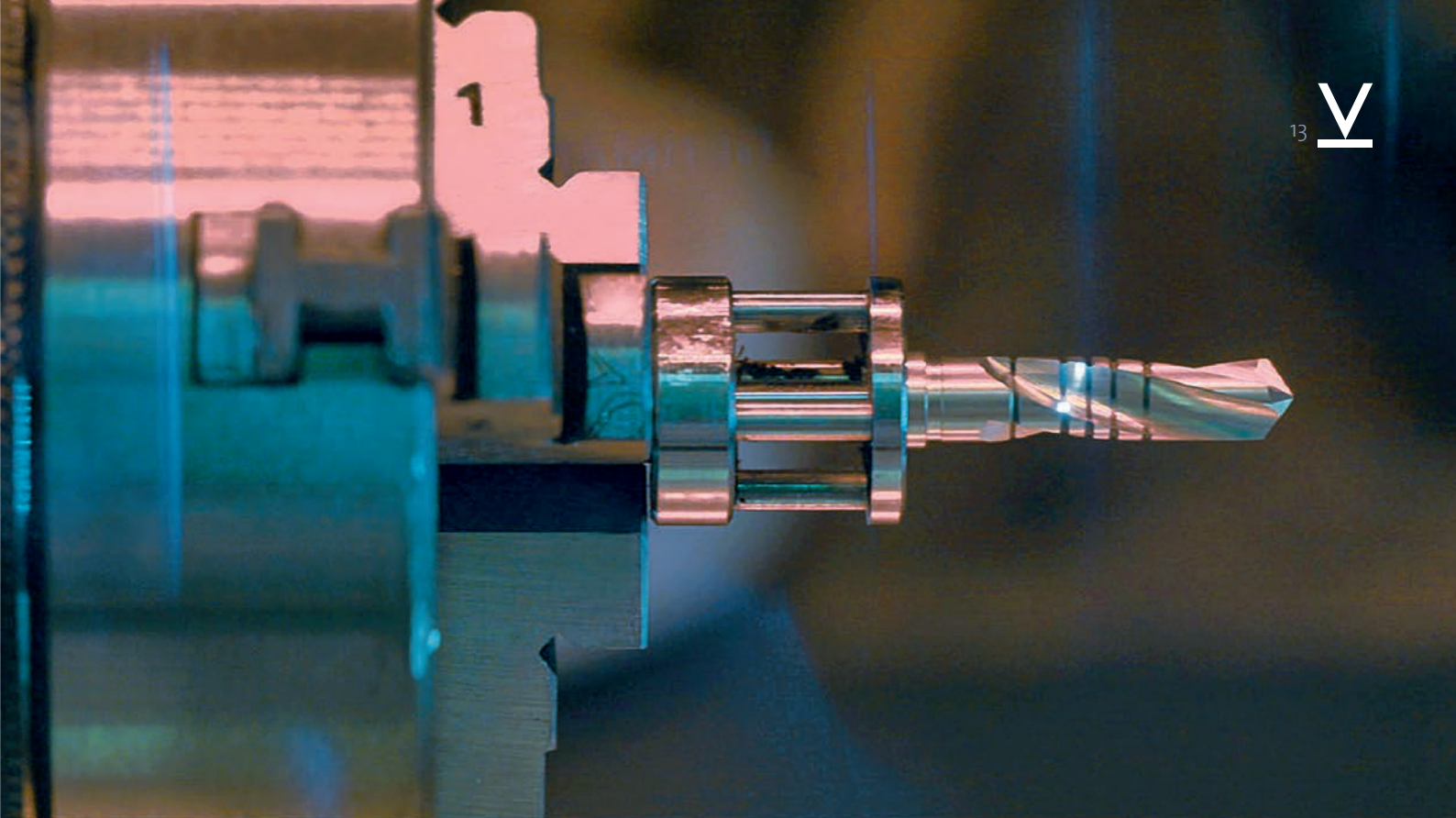
Ruetschi Technology AG

Full-service provider for the medical technology

Ruetschi Technology is a full-service provider in medical technology that distinguishes itself through innovation, excellent service, expertise in technology, the highest quality thinking and high implementation efficiency. As a contract manufacturer or legal manufacturer we support our demanding customers in the development and manufacture of medical products. We supply customers worldwide from a wide range of medical technology sectors, such as orthopaedics, dental implantology and spinal surgery. We produce high-quality implants and instruments, with a special focus on sterile procedure kits. In a procedure kit, all the instruments required for an operation are sterilely packaged together with the implant. As a result, surgery time is shortened, patient safety is improved and economic efficiency is increased thanks to well thought-out concepts. In addition to contract engineering and comprehensive services in the area of quality and regulatory affairs (e.g. product approvals), the high vertical range of manufacture forms the core of our "one-stop-shop" philosophy.

We master inhouse the processes of CNC machining (turning, milling, grinding), injection moulding of plastic parts, 3D printing (titanium laser sintering), laser processing (marking, welding, cutting), surface treatments (electropolishing, anodising, passivating), manual and automatic assembly as well as sterile packaging in the clean room. Thanks to our many years experience with medical products and our state-of-the-art manufacturing processes, customers benefit from a short time-to-market and efficient scaling of production.





Contact



Ruetschi Technology AG

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www.ruetschi.com

Production plants:

Rue des Prés-du-Lac 63
1400 Yverdon-les-Bains
Switzerland

Am Windpark 4
78603 Renquishausen
Germany

ruetschi



OUR VALUE CREATION CHAIN WITHIN THE GROUP

DESIGN TO MANUFACTURING

Prototyping



ENGINEERING

Construction



PLASTICS INJECTION MOLDING (IN THE CLEAN ROOM)



HEAT TREATMENT

Stress relief
Hardening



SURFACE TREATMENT

Blasting
Vibratory finishing
E-polishing
Anodisation
Painting
Varnishing anodisation
Laser marking



CLEANING

Washing
Passivation

CNC MACHINING

Lathing
Milling
(Flat) Grinding
Wire/Sink erosion

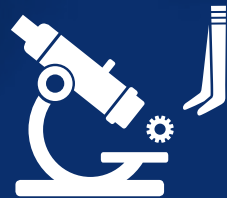


METAL-LASER SINTERING



LASER TECHNOLOGY

Laser welding
Laser marking
UDI encoding



**ASSEMBLY
(IN CLEAN ROOM)**

Component Assembly

CONTROL/TESTING

Visual inspection
Measuring rooms close
to production
100% final control

REGULATORY AFFAIRS

Quality management
Validation
Documentation

STERILE PACKAGING

Labelling
Sterilisation
Logistics

The one-stop-shop principle means:

- > more than the sum of the individual services
- > turnkey solutions according to the principle 1+1>2
- > unsurpassed range in manufacturing and service, with own technologies and a high level of automation
- > one project manager across all process steps
- > streamlined sequences and optimised interface management, and therefore higher efficiency and reduced complexity
- > less auditing expenditure
- > Delivery and failure safety – risk protection through redundancy between the plants
- > Long-term, trusting business relationships with sustainable added value





Mission statement:

Within the Klingel medical metal group, the focus is on the customer. His wishes are the benchmark for our daily activities and actions. Just like our employees, they should feel comfortable with us. Quality and cooperation therefore play a decisive role in our company philosophy:

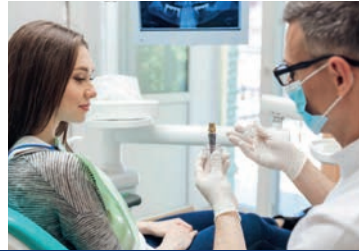
Our guidelines for quality

- › **Awareness:** We produce highly complex products for sensitive applications. Together we secure our jobs with our daily work, as it is the quality of our products and the satisfied customer who "pay" our salary.
- › **Transfer of knowledge:** We share our knowledge about the quality concerns with our colleagues, employees and supervisors.
- › **Open error culture:** We not only talk openly about mistakes and problems but also find a solution. We analyse the cause of the errors. We learn more every day to improve our daily work.

Our guidelines for the interaction

- › Mistakes are no weaknesses, but the chance to do better.
- › We keep the communication channels open and inform in a direct way.
- › For the good of the environment, we take care of a responsible use of our resources.
- › Respect, appreciation, reliance, and objective criticism form the basis of our discussions.
- › We don't tolerate any form of discrimination, harassment, threat and/or oppression.

Our areas of application



(CARDIO)VASCULAR
SYSTEMS



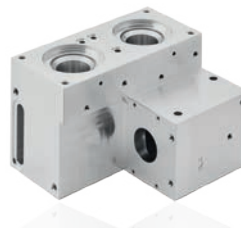
DENTAL



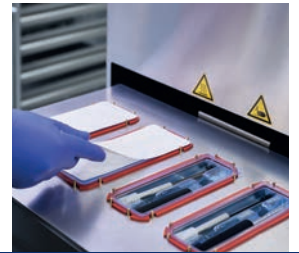
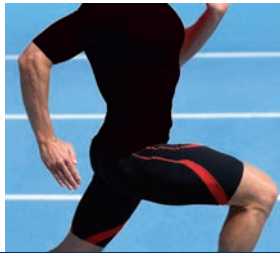
MEDICAL
DEVICES



MINIMALLY
INVASIVE



We are a partner for our customers for complex current and future applications. Validated and documented processes are also required for sustainable collaboration and quality, as well as qualified staff. In addition, we are partner/contract manufacturer in the fields of trauma care, neurosurgery, ENT and ophthalmology. Our spectrum is constantly expanding with medical progress and further investments in our manufacturing technologies.



ROBOTIC SURGERY



ORTHOPAEDICS AND TRAUMA



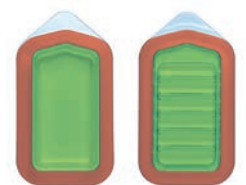
INSTRUMENTS



PROCEDURE KITS



STERILE PACKAGING



KLINGEL medical metal group

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The basis of trust for a sustainable partnership: consistently high quality, reasonable costs and a high delivery reliability

A strong team

The team of the Klingel medical metal group includes around 870 qualified employees. The training quota is very high, because, as a future-oriented, fast-growing company, Klingel invests in the vocational and further training of employees. The solid medium-sized company focuses on high levels of individual responsibility, flat hierarchies and the long-term motivation of employees and trainees. Interested parties can expect an exciting role, performance related pay and a future-proof job with opportunities for advancement. You can find current job and training opportunities on our website.

