















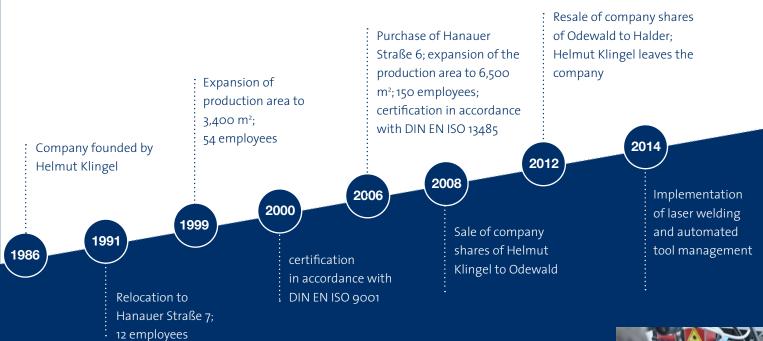




## **PRECISION IN NEW DIMENSIONS**

## With a passion for precision

In the development and manufacture of products for medical technology, precision is crucial. The Klingel medical metal group with its four 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:

- > Four 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

## o3 **V**

## metal group





2015

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

2020

Group turnover: 74,5 Mio; 682 employees

Heute

<u>2</u>019

2016

2017

Implementation of an electro-polishing plant



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

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











Tools and surgical instruments for orthopaedics and dental technology



Validation, packaging and logistics of medical products

> Over 30 years of experience, over 680 employees and 27,000 m<sup>2</sup> of production area create synergy effects to the benefit of our customers



## 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 310 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.



















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- 2. Öffnen Sie die App und verwenden Sie sie auf Seiten mit dem GoZee-Symbol.



360°-Panorama



Fotogalerie









Snap Video



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. For more than three decades, Klingel medical metal GmbH has stood for the highest quality metal precision with minimal tolerances "made in Germany".

### **Contact**

Klingel medical metal GmbH Hanauer Str. 5–7 75181 Pforzheim Germany Tel.: +49 7231 6519-0 www.klingel-med.de









# 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).







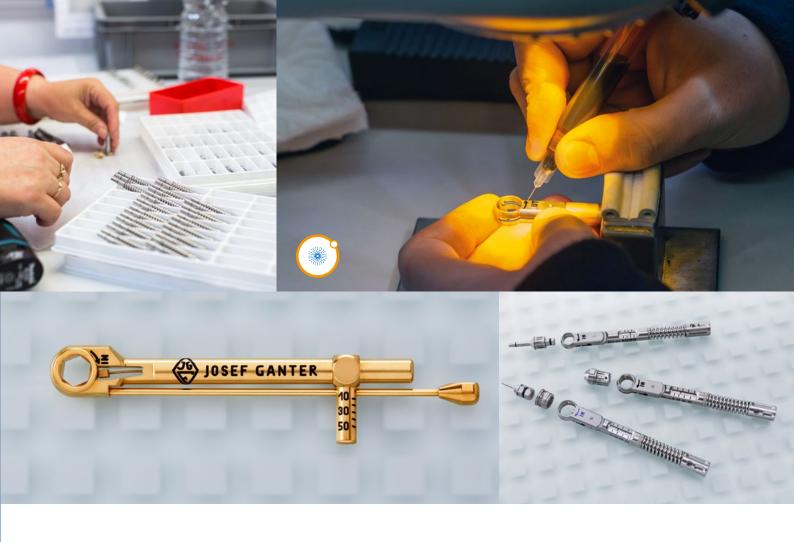












### Contact

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# Bächler Feintech AG Precision & compliance

The core competence of Bächler Feintech AG is in the areas of lathing and milling, complete machining and surface treatment as well as the development of precision engineering products and precision parts, medical instruments, tools and components. These are manufactured with the latest production methods and the highest quality standard.

Bächler Feintech currently has around 240 qualified and highly motivated employees who prove their commitment to quality and customer satisfaction every day as they work hard to meet the customer's needs and requirements. These include international specialists in the areas of medical technology, dental technology, chemistry, assemblies and components.

The scale of services is highly diverse, and ranges from development and manufacture to labelling and assembly, right up to measurement and packaging as well as the storage of products.

In order to stay up to date, Bächler Feintech AG continually invests in the latest production plants and technology, as well as vocational and further training of the employees. Today, the company is part of the Klingel medical metal group.



















## Variety, tailor-made for the customer

Bächler Feintech AG is certified in accordance with the high standards of the DIN norms ISO 9001:2015 and ISO 13485:2016. Therefore, adherence to the highest quality standards is always guaranteed, across the entire manufacturing chain. The product range is diverse and includes:

- > Medical technology
- > Dental technology
- > Assemblies/components
- > Thermoanalysis DSC

### **Contact**



Alte Poststraße 5

9548 Matzingen

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## **BÄCHLER**feintech







**Further production plant:** 



# 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 service provider primarily includes 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 the development of customer-specific packaging solutions, 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. Around 70 highly motivated and qualified employees work there on the smooth and standard-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.



















### Contact

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www.puracon.com





## 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

## **OUR ADDED VALUE CHAIN IN THE GROUP**



















DESIGN TO MANUFACTURE

Construction Prototyping

CNC MACHINING

Lathing
Milling
Grinding
Flat grinding
Wire erosion
Sink erosion
Laser welding

LASER TECHNOLOGY

Laser welding Laser marking UDI encoding METAL-LASER SINTERING

Design freedom, where CNC machining reaches its limits, with the integration of: Functionality Complexity Grid structure CNC machining **HEAT TREATMENT** 

Stress relief Heat treatment Curing





















### SURFACE TREATMENT

Blasting
Vibratory finishing
E-polishing
Anodisation
Varnishing Anodisation
Laser marking

#### **CLEANING**

Washing Passivation

#### **ASSEMBLY**

Component Assembly

#### **TESTING**

Visual inspection Measuring rooms close to production 100% final control

### PACKAGING

Labelling Sterilisation Logistics

## Our areas of application











(CARDIO)VASCULAR SYSTEMS



DENTAL



MEDICAL DEVICES



MINIMALLY INVASIVE























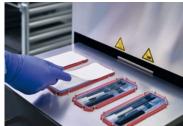


We are a partner for our customers for complex current and future applications. Validated and documented processes are also required for sustainable collaboration and quality, as well as qualified staff. In addition, we are partner/contract manufacturer in the fields of trauma care, neurosurgery, ENT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















**ORTHOPAEDICS** 



**INSTRUMENTS** 



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 670 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 here:

