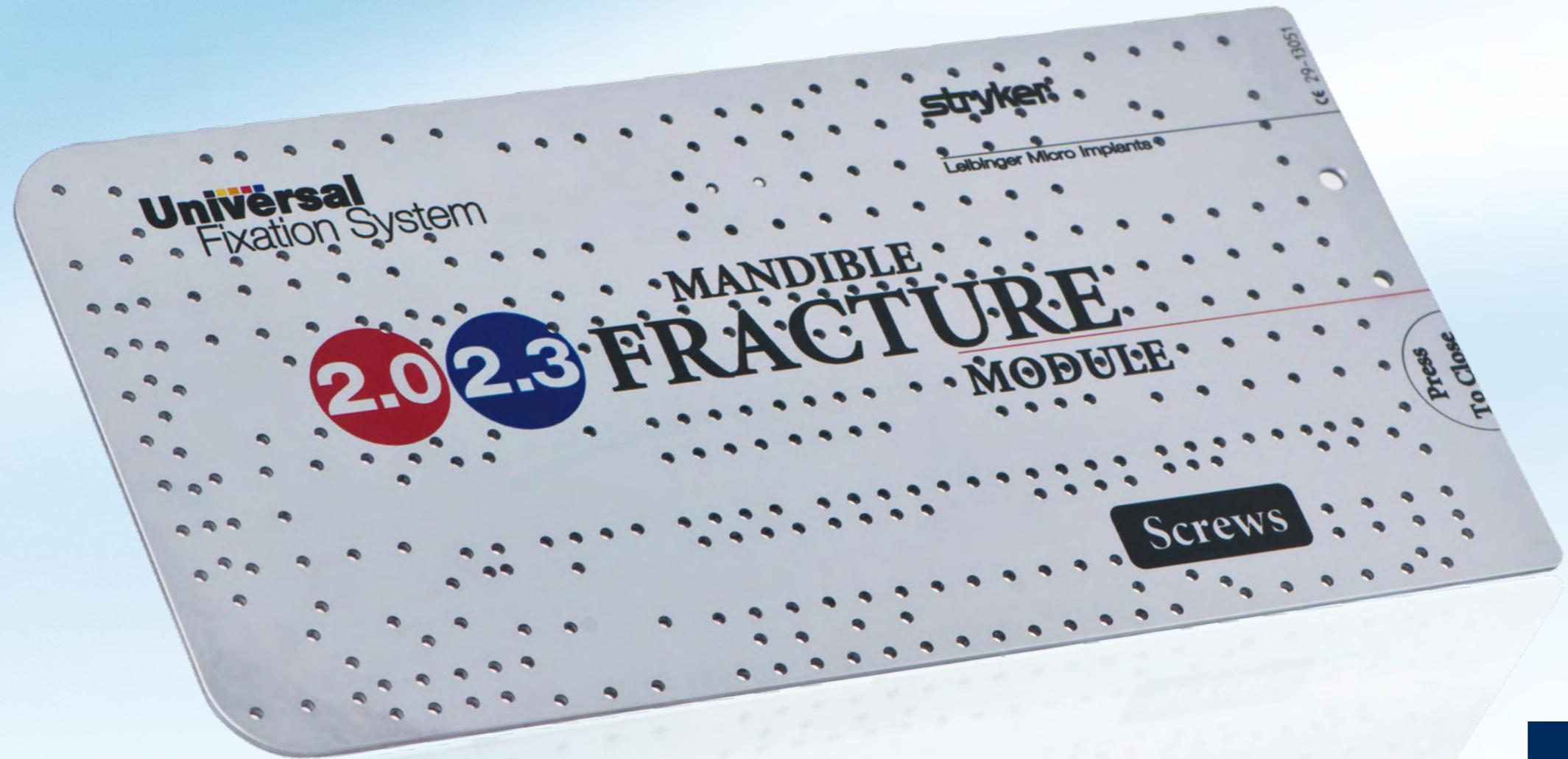




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CRETEC® ■■■■■



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MEDICAL TECHNOLOGY ■■■■■
STERILIZATION CONTAINER & ACCESSORIES





Cretec GmbH is a medium-sized, innovative family-owned company specializing in precision mechanics and labeling technology. We are not afraid to invest in new, revolutionary methods and technologies.

COMPETENT
RELIABLE
CREATIVE

We offer our customers everything from a single source - from advice and design to the finished product.

In surgical procedures, every second counts. Carefully arranged instruments and implants are an indispensable prerequisite for an orderly operation.

„ORGANIZATION IS HALF THE BATTLE“

Our quality system according to DIN EN ISO 9001:2000 and DIN EN ISO 13485 is continuously tested and audited for its effectiveness in order to meet our and your high quality requirements.

In addition, internal audits, carried out by external auditors, guarantee quality management based on high standards and efficiency.



CONSULTING

Are you a manufacturer of medical devices?

We develop concepts for you with our partner on all aspects of consulting, design, validation and the finished product.

- Design advice in the development phase
- Validations (cleaning, disinfection and sterilization)
- Advice on the validation of EN ISO 17664
- Assistance with the operating instructions



In order to support you in the designing process of your products, we are happy to create the design, for which we have the latest CAD programs.

To make your decision easier, we work closely with you to create various 3D designs.

On request, we can also produce a prototype for you based on the final 3D design of your product.



2

DESIGN





We would be happy to prepare the validations required to meet ISO 17664 for you and would do this together with our accredited partner laboratory under clean room conditions.

An accredited test laboratory is not allowed to provide advice and this is why we are also just the right contact person for you in this matter. We will be happy to advise you while the laboratory carries out an independent validation.

Of course, we are also active for you in parts of ISO 10993. Biological compatibility is just as important as good reprocessing. We provide extensive support in this area as well.

3

VALIDATION





PRODUCTION

4

4₁

Product example

In surgical procedures, every second counts. Carefully arranged instruments and implants are an indispensable prerequisite for an orderly operation. Color coding reduces the risk of confusion when inserting and removing instruments and implants.

■ Sterilization container made of aluminum

A sterilization container milled from aluminum for smaller products. The contours of the implants and instruments are milled according to customer requirements so that a clear assignment is possible.

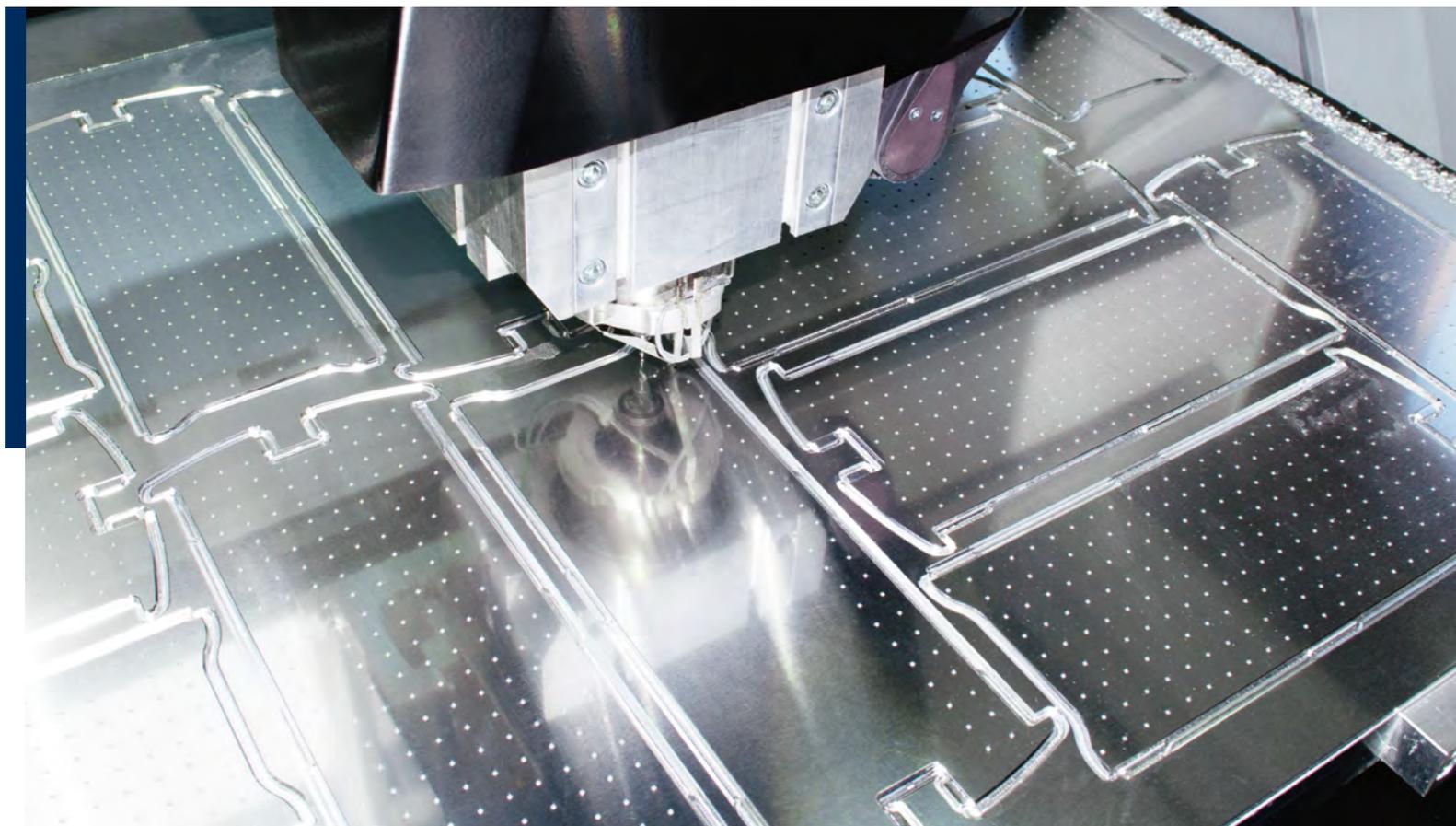


Mechanics

Mechanical production is an important production process at CRETEC GmbH.

The products are completely milled, ground or sandblasted in our mechanical production on CNC machines.

In order to obtain the necessary surface hardness, the parts are anodized or ematalized.



4₂



Print

Anodized printing is used to print on appropriately pretreated aluminum, which means that the print is well protected from mechanical abrasion and chemical influences (e.g. sharp disinfectants!).

For this purpose, special colors are applied to the anodized, but still open-pored aluminum surface, either by silk-screen or digital printing, which enables true-color and high-resolution images to be generated.

In a further step, the anodized layer filled with color is compacted in a special bath and thus closed. Finally, the printed parts are cleaned to remove excess ink.

4₃



5. PRODUCTS