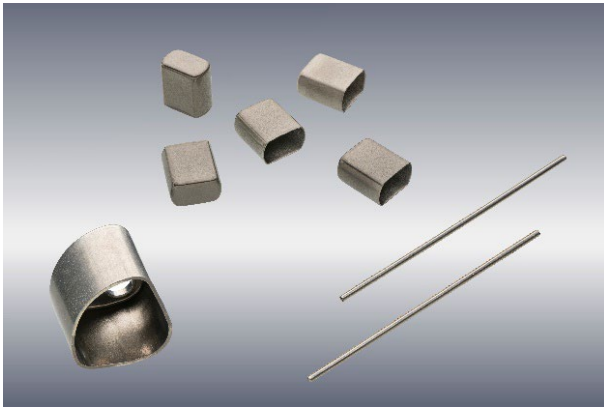


Press Release

STÜKEN offers new possibilities for the deep drawing of titanium



Rinteln, December 13th, 2022 - With its innovative process for deep drawing titanium, STÜKEN opens up new possibilities. High-precision titanium components with complex geometries can now be produced using the efficient, fast and resource-saving deep drawing technology. The customer benefits from remarkable cost savings.

Medical technology would be hard to imagine without titanium as a material. It has a high biocompatibility and is corrosion-resistant in contact with organic acids and chloride solutions. The material is also important in other

industries, for example when low weight and temperature resistance are required. "Previously, precise components made of titanium could only be produced to a limited extent using deep-drawing technology," explains Nils Petersohn, Managing Director at STÜKEN. "Material forming over several stages was uneconomical due to the extreme stress on the tools." STÜKEN has developed an optimized process that allows titanium to be deep-drawn over a large number of stations. "This results in major cost advantages for pacemaker housings, for example, and also makes the use of deep-drawn titanium parts interesting for dental implant sleeves and similar applications."

The technology portfolio of the globally positioned company goes far beyond just deep-drawn parts. Supplemented with finishing processes that are precisely tailored to the customer's product, STÜKEN offers high-quality ready-to-use products that secure customers decisive competitive advantages. "For our customers in the medical technology sector, our Class 7 cleanrooms are of crucial importance. In conjunction with validated cleaning processes, we can ensure that there are no unwanted residues on the components and biocompatibility is guaranteed," says Petersohn. "We pull out all the stops to ensure that our customers are successful with their products."

About STÜKEN

Founded in 1931, STÜKEN is today considered the world's leading supplier of precision deep-drawn metal parts. Almost 40 billion deep-drawn parts are produced annually at the Rinteln plant in Germany alone. The product range also includes stamped and formed parts, plastic injection molded components and sophisticated assemblies. The products can be found in a wide range of applications from household appliances to fittings, in computers, cell phones, medical devices and automobiles. The family-owned company with subsidiaries in the USA, the Czech Republic and China employs around 1,250 people and generated sales of more than 200 million euros in 2021.

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