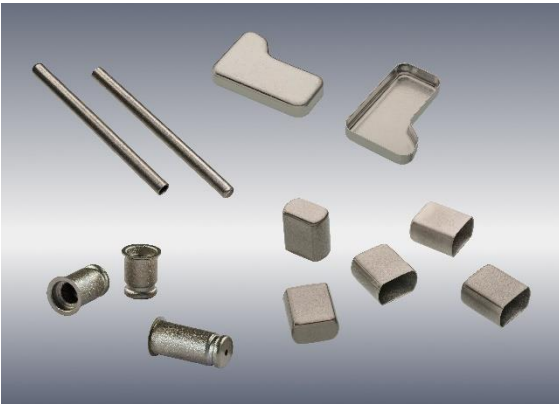


STÜKEN offers new possibilities for the deep drawing of titanium



With the 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. Customers can benefit 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. 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.

Our technology portfolio as a global company goes far beyond deep-drawn parts. Supplemented by finishing processes that are precisely tailored to the customer's product, we offer high-quality ready-to-use products that secure our customers decisive competitive advantages. For our customers in the medical technology sector, our ISO 13485 certification and Class 7 / GMP C cleanrooms are of crucial importance. In combination with validated cleaning processes, we can ensure that there are no unwanted residues on the components and that biocompatibility is guaranteed. We pull out all the stops to ensure that our customers are successful with their products.