



## Medical technology

Components for implants and for medical technology are subject to special requirements on manufacturing technology, process monitoring and quality control. Beutter has many decades of experience with very sensitive products.

- We produce components for medical equipment and implants.
- Including:
  - components for osteosynthesis and endoprosthetics
  - components for active implants, such as artificial hearts, cardiovascular support and incontinence valves
  - access port systems
  - various parts and complete systems for surgical instruments
- We process all machinable materials and we are familiar with the treatment of high alloyed steels, titanium, and special materials. In medical technology these are for example:
  - alloy for implants, such as 1.4441, CoCr28Mo6, Rex734
  - titanium for medical applications ASTM-F 67, ASTM-F 136, DIN ISO 5832
  - Pt-Ir and other noble and pure metals
  - Plastics, suitable for implantation by ISO 10993, PEEK
- Documentation of the entire production process. Including complete traceability from raw material to final product and process validation. Our quality-management-certificate DIN EN ISO 13485 includes implants up to risk class III.
- To finish surfaces we use blasting equipments, which are used exclusively for medical technology components. Several cleaning machines guarantee product cleanliness and low particle contamination as a preparation for a physical or a chemical product sterilisation and a sterile packaging.
- We have a clean room DIN EN ISO 14644 class 7 for testing, assembly and packaging tasks.
- We manufacture according to customer drawings. Furthermore, we develop products in cooperation with customers and end users. We give you assistance in prototyping and bring in our manufacturing expertise for serial production.
- We are a member of associations which concern with medical device issues.

