



# Medical Devices

## Implants

### Screws



Applications: Spine, orthopedics, maxillofacial surgery  
 Materials: Titanium grade 4 – 5, stainless steel  
 Dimensions: Ø 0.8–12 mm, length: 2–200 mm,  
 Design: Torx, Phillips, square drive, Allen screw  
 cannulated/non-cannulated  
 Manufacturing processes: Turning / milling, sandblasting, anodizing,  
 packaging

### Plates



Applications: Trauma, orthopedics, cranial surgery,  
 Spine  
 Materials: Titanium grade 4 – 5, stainless steel  
 Design: Customer-specific  
 Manufacturing processes: Milling, laser cutting, machining, anodizing

### Dental implants



Applications: Dental medicine  
 Materials: Titanium grade 4 – 5  
 Design: Customer-specific design and surface  
 Manufacturing processes: Turning / milling, surface treatment,  
 packaging

### Abutments & locking screws



Applications: Dental medicine  
 Materials: Titanium grade 5, stainless steel  
 Design: Customer-specific design and surface  
 Manufacturing processes: Turning / milling, anodizing

### Decompression implants



Applications: Spine  
 Materials: Titanium grade 2  
 Manufacturing processes: Turning, laser machining, anodizing,  
 assembly

### Implant housings



Applications: Cochlea implants, sensor housings,  
 implantable pumps  
 Materials: Titanium, stainless steel  
 Manufacturing processes: Turning/milling, honing, grinding,  
 laser processing  
 Manufacturing tolerances: ± 1.5 μm for ID & OD