

COMPONENTS FOR MEDICAL APPLICATIONS EN ISO 13485

EUROFLEX offers customers our expanded line of medical components and new, custom designed solutions beyond our semi-finished product selection of wire, tubing and profile (shaped) tubing. EUROFLEX offers a wide range of manufacturing processes and surface treatment options to create unique components with features including shape-forming, turned and milled parts, and laser-processed parts. Our manufacturing processes can also be tailored to customer needs. Quality and high precision are always our top priority.

Manufacturing Methods

- 3D forming (CNC-controlled)
- Nitinol Shape-Setting
- EDM, abrasive cutting, grinding
- Laser machining (welding, cutting, marking)
- Turned and milled parts (CNC-controlled)
- Punching, deep-drawing, crimping and joining
- Profiled (non-round) tubes and wires

... other manufacturing methods upon request

Surface Treatments

- Mechanical removal methods (abrasive blasting, vibratory finishing, tumbling)
- Ultrasonic cleaning, electrolytic degreasing, etching, Electro-polishing
- Laser structuring
- Galvanic surface finishing (upon request)

Materials

- Nitinol
- Cobalt-based alloys (L605, MP35N)
- Stainless steel (316LVM, 316Ti, 316L, 304, 304L, 321, 17-7 PH)
- Ni-free alloys
- Titanium-based alloys, Titan-grade 2
- Tantalum
- Platinum-alloys, PtIr10, PtIr20, PtW8, PtW5
- Resorbable alloys
- Material composites

