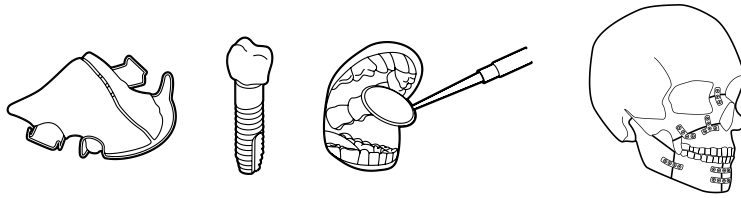


Zapp is Certified According to ISO 9001



Datasheet Maxillofacial Surgery

The challenge in maxillofacial and skull surgery are the finely detailed, often complex multi-dimensional bone structures. For the effective treatment of fractures, CMF (cranio-maxillofacial) implant systems are primarily needed with minimal use of material in mini- and micro-format.

The requirements concerning the used materials include outstanding anti-allergenic biocompatibility, resilience regarding bending and tensile stress, good polishability and suitability for coloring and coating.

Titanium/titanium alloys, CoCrMo alloys and implant steels satisfy this requirement profile particularly well. Nickel-free implant steels are also available for especially sensitive applications.

For the production of reliable, fine-structured implants, you need semi-finished products with extremely tight dimensional tolerances and outstanding form tolerance (fracture resistance), because high precision products can only be made from precise semi-finished products.

Zapp Expertise

We manufacture semi-finished products from titanium/titanium alloys, CoCrMo alloys and implant steels according to your specifications. Concerning profiles, you can choose from a wide range of profile geometries, e.g. triangular, half-round and oval shapes. You can select semi-finished products from our warehouse range according to European and American standards. These semi-finished products feature tight dimension tolerances, excellent straightness and roundness properties.

Select the semi-finished product you need: wires on spools, round and profile bars, sheets, strips or format blanks, e.g. for processing in laser centers.

You can be sure to find the right semi-finished product.

Typical Grades

Grades

1.4441

1.4472

2.4964

3.7025

3.7035

3.7055

3.7065

9.9007

9.9035

9.9135

9.9150

9.9367

PRODUCT EXAMPLES

- Plate-and screw systems

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Further information regarding our products and locations are available in our image brochure and under www.zapp.com

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Last revision: July 2020