



Zirkonzahn®

*Human Zirconium Technology*



## TITANIUM

*CAD/CAM milled in your own laboratory*



## TITANIUM

*Titanium is considered one of the most biocompatible materials that exist. This is due to the corrosion resistance of the material and the naturally emerging oxide layer on the surface, which, among others, favours the solid growth of bone-to-implant ratio (osseointegration).*

*The manufacturing of titanium structures in the laboratory represents a major challenge. With Zirkonzahn's titanium blanks this is perfectly achievable in combination with our CAD/CAM technology and can farther increase your laboratories revenue.*

*The range of applications includes all types of primary and secondary structures and restorations, including implant structures, individual crowns and up to 14-unit bridges.*

- *Titanium blanks meet ASTM standards*
- *Diameter: 95 mm*
- *Available in 7 different heights*
- *Compatible with M5, M4 and M1 Wet Heavy Milling Units (depending on equipment)*
- *For veneering with ceramics*



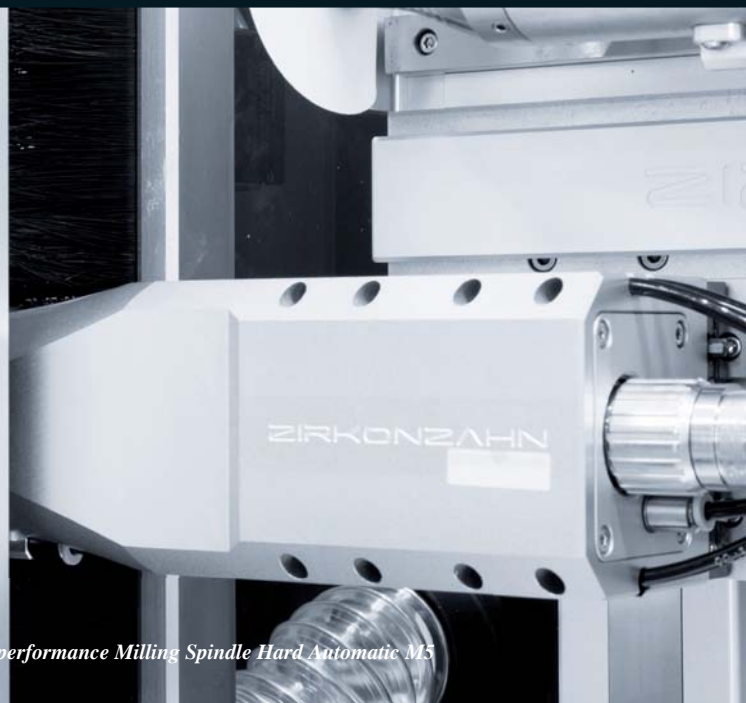
*Titanium bar – CAD/CAM milled from Titan 5*



*Anodized titanium bar on model*



*Anodized titanium bar in Prettau® Zirconia*



# RAW-ABUTMENTS® UND BRIDGE-RODS

*The Raw-Abutments® precast titanium abutment blanks include a precise, industrially prefabricated implant connection for different implant systems. In combination with the Zirkozahn milling units it is possible to create individual and made-to-measure abutments in about 20 minutes.*

- *Precast abutment blanks from highly biocompatible Titan 5 (ASTM standards) for the manufacturing of individual abutments*
- *Compatible with the M1 Abutment Milling Unit as well as with the M1 Wet Heavy Metal, M4, M5, M5 Heavy and M6 depending on equipment*
- *Fast manufacturing (20-30 minutes per abutment depending on milling unit)*
- *Perfect connection due to industrially precast implant heads*
- *Freely designable abutment geometries*

*The Bridge-Rods precast bridge blanks have been designed for the manufacturing of at maximum 4-unit metal constructions from Titan 5 with the M1 Abutment Milling Unit as well as with the M1 Wet Heavy Metal, M4, M5, M5 Heavy and M6 Wet Heavy Metal.*

- *For the manufacturing of at maximum 4-unit metal constructions from Titan 5*
- *Suitable for veneering with ceramics*
- *Compatible with the M1 Abutment Milling Unit as well as with the M1 Wet Heavy Metal, M4, M5, M5 Heavy and M6*
- *Fast manufacturing (30 minutes per unit)*



M1 Abutment Milling Unit



Raw-Abutment®



Bridge-Rods



Raw-Abutments® with highly precise and industrially precast implant connections for different implant systems

## TITANIUM SPECTRAL-COLOURING ANODIZER

*With the Titanium Spectral-Colouring Anodizer, titanium constructions can now be coloured in one's own laboratory in a multitude of colours (e.g. gold-coloured). This has the advantage that the metal constructions are masked due to the colouring.*

- *For biocompatible colouring of titanium constructions (e.g. titanium bases and Raw-Abutments®) for reducing the grey scale value*
- *Masking of the primary metal structures*
- *Multiple parts can be coloured within a few seconds*
- *Easy-to-clean, removable porcelain inserts*
- *Gold-plated cable connections*
- *Visual display of the processing status with multi-coloured LED illumination*
- *Even better biocompatibility and osseointegration of titanium due to oxide layer*
- *Also suitable for colour coding of working materials, e.g. analog and implant screws*
- *Easy handling and maintenance*



## HUMAN ZIRCONIUM TECHNOLOGY

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*Anodized titanium bases*



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