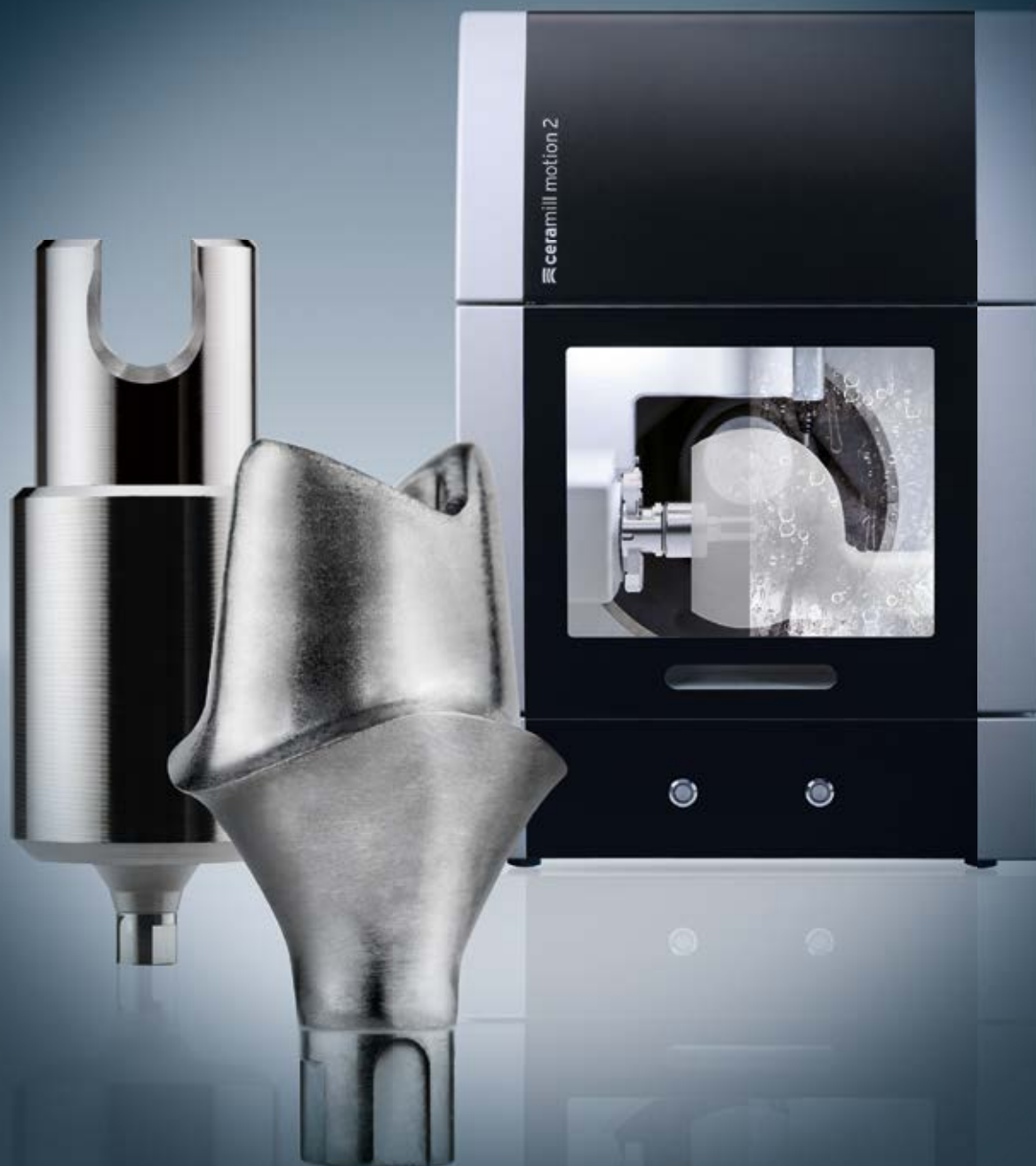


ceramil[®] ti-forms



AMANNGIRRBACH


Fabricate one-piece
titanium abutments using
the Ceramil Motion 2 (5X)

Inhouse fabrication of customised one-piece titanium abutments using the Ceramill Motion 2

Increased demands on aesthetics and quality of life ensure unabated continuing advances in implantology. An ideal approach to bring high demands with low costs under one hat is fabrication of customised titanium abutments in the laboratory. With the “Ceramill TI-Forms” Amann Girrbach presents titanium blanks with precisely prefabricated connection geometry suitable for a wide range of implant systems available for inhouse processing. What was previously only possible via industrial manufacturing centres and large milling systems, is now possible in the familiar high quality using the Ceramill Motion 2 (5X) and “rotational milling” technology in the wet milling mode.

In contrast to conventional milling in which the blank mainly remains in a static position, during so-called “rotational milling”, in the wet mode the blank rotates continuously around its own axis. This not only saves the travel paths of the cutter but also ensures uniformly homogeneous material removal and surfaces with both a precise and smooth finish. With full value creation the user profits from savings in both time and precision. Only an adapter is required with which already installed Ceramill Motion 2 milling machines can be upgraded.



- _Reliable and precise due to industrially prefabricated implant connection geometry 
- _Prefabricated blanks ensure minimal tool wear and saving in time and costs
- _High biocompatibility of the abutment blanks and screws due to the proven material Ti6Al4V (medical grade 5, ASTM 136)
- _Titanium blanks are available for all conventional implant systems

Ceramill TI-Forms compatible implant systems

Implant manufacturers	Implant systems
Astra Tech	Osseo Speed®
Biomet 3i	Osseotite®
Biomet 3i	Osseotite Certain®
Camlog	Conelog®
Dentsply Friadent	Frialit/Xive®
Nobel Biocare	Branemark®
Nobel Biocare	Nobel Active®
Nobel Biocare	Replace Select®
Straumann	BoneLevel®
Straumann	SynOcta®
Zimmer	Tapered Screw-Vent®

ceramill® ti-forms

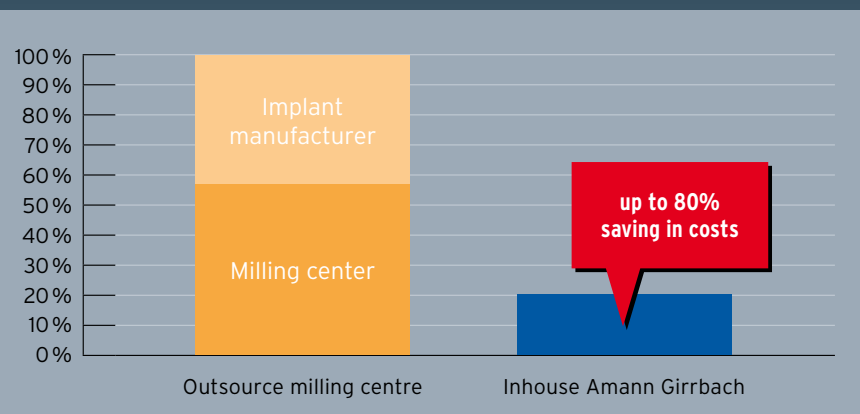
CNC ≠ CNC. 35 years of experience in engineering - condensed for dental technology

In addition to rotational milling technology, very precise processing of the Ceramill TI-Forms is also guaranteed by a special holder geometry. It enables the blank to be processed clamped absolutely securely, distortion-free and rotationally symmetrical. This exact and constantly stable positioning of the blank on the rotation axis as well as in relation to the milling head is enabled due to bilateral fixation of the blank and ensures vibration-free and completely quiet processing. Precision calibration, which synchronises the design data with the position of the clamped blank before the milling procedure, is required once and guarantees that the height and angle of the customised abutment is fabricated correctly in relation to the connection geometry. Due to clamping the blank on the face side the implant connection geometry is not subjected to any loading or wear during milling, which could impair the fit of the abutment in the implant.



- _ **Special holder geometry guarantees absolutely firm clamping and process reliability**
- _ **Automatic synchronisation of design data and blank position by precision calibration - ensures the correct alignment of abutment and implant connection geometry**
- _ **“Rotational milling” technology guarantees excellent surface quality of the milled abutment and enables machine-friendly material processing due to uniform axis loading**
- _ **Clamping of the blank on the face side ensures that there is no wear or possible damage of the implant connection geometry**
- _ **Low investment costs due to avoidance of expensive wear components and easy upgrades of the Ceramill Motion 2**

Fabrication costs of titanium abutments



ceramill® ti-forms

Customised abutments for all conventional implant systems.

Maximum precision and value creation included.

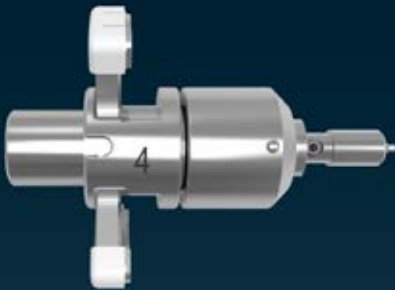
ceramill® ti-forms

Industrially prefabricated titanium blanks for inhouse fabrication of customised titanium abutments using the Ceramill Motion 2 (5X).



Accessory

Blank holder for inhouse fabrication of titanium abutments using the Ceramill Motion 2 (5X).



ceramill® m-plant

The abutment module with integrated Ceramill TI-Forms library.



Accessory

High-grade tungsten carbide cutter with excellent chip removal and long service life.



- _ High degree of process reliability due to perfectly coordinated components - everything from a single source
- _ Great gain in time, cost and precision thanks to complete inhouse fabrication
- _ Maximum value creation and increased profits due to extended use of the CAD/CAM system
- _ Seamless workflow ensures efficient, cost-effective working process with highly precise final results
- _ Precise, flexible design and fabrication of customised abutments



Ordering information

Upgrade Kit Ceramill TI-Forms

760100	Upgrade Kit Ceramill TI-Forms
Contents:	
179278	Blank holder rotational milling
760615	Roto TI 1,0
760616	Roto TI 2,0
179285	Storage bar



Upgrade Kit Ceramill TI-Forms



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