



CONSTELLATION<sup>®</sup> SYSTEM

# Digital Components

## MOST COMPREHENSIVE TECHNOLOGICAL PARTNER FOR PROSTHETIC CLINICS AND LABORATORIES

The world advances just like technology and opens up new avenues for research ever faster. And Avinent has advanced step by step to be at the forefront of digital dentistry, leading the way in complete digital workflow.

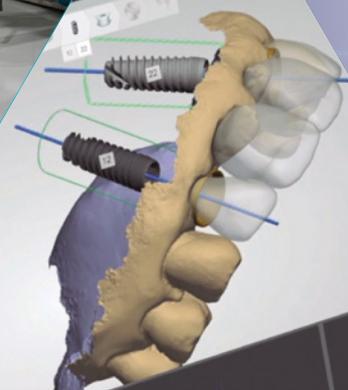
Avinent CAD CAM is today undoubtedly the perfect technological partner for prosthetic clinics and laboratories aiming to commit to fully customized exclusive products and innovative solutions in the era of Dentistry 4.0. In short, to make the sector evolve towards new, more efficient, natural and patient-friendly rehabilitations.

### **Added value strategic alliances**

Avinent has known how to forge strategic alliances with the most important brands and companies on the international market throughout its history. Thanks to these partners and the latest technologies available at Avinent's milling center, the Avinent CAD CAM division is continuing its research to maintain a commitment to combine new materials, cutting-edge technology and know-how.

### **Excellent service and technical support**

Avinent CAD CAM offers continuous first-class technical support and customer service 24 hours a day, as well as fast job delivery.



CAD CAM SYSTEM

# CONSTELLATION<sup>®</sup>

**Extensive catalog of the highest precision, quality digital components**

Avinent's range of CONSTELLATION products forms its extensive portfolio of digital CAD CAM components manufactured by using high-precision technology and with the complete safety of a fully controlled production process. In this way, Avinent CAD CAM is able to take on the entire process of scanning, design and manufacture of prosthetic structures from all available digital systems.



**100%  
AVINENT  
QUALITY  
APPROVED**

Avinent complies with strict production and regulatory controls to ensure the quality of its products. Moreover, the entire range of Avinent components strictly follow dimensional tolerances in order to ensure the best fit in all brands and connections in our product catalog.

## Scan abutments

Single or multiple

Avinent scan abutments combine medically certified PEEK as the abutment body material and stainless steel for the base. Their geometry guarantees correct insertion and excellent fit. They are also unique because they can be autoclaved for repeated use.

## Titanium bases

Single or multiple

Avinent offers different gingival heights for maximum soft tissue preservation and also to achieve perfect emergence profiles for an optimal esthetic result. Within the family of Avinent titanium bases, we find 3 types:

- » Titanium Base
- » Cutable Titanium Base
- » Angulation correction Titanium Base

## Analogs

For printed or plaster model

Analogs are essential for correctly completing prostheses. A special connection must be used depending on the specific implant system that is being worked on even if the component body is identical. Avinent uses precision machining to produce its analogs to the same tolerances as the implants and to achieve maximum precision.

## Premills

The objective is to allow for manufacture (using the milling kit) of a single personalised abutment to serve as the support for a screw-on restoration. The abutment production kit contains everything you need to make your single abutments.

## Screws

Avinent designs various types of screws according to each case in which they are used. Angled screws (up to 20°) help to shift the position of the channel of the final restoration in case of divergence. The design of each screw is special for the implant system employed and its original screwdriver must be used.

**Avinent has the libraries** that are needed to use all major design software components and for most implant connections on the market.

\*Ti and CoCr grinding not available in Spain.



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