

SECURED.

NOVALOC® – FOR HYBRID DENTURES
A LONG-LASTING AND RELIABLE HOLD.



YOU CAN RELY ON IT.

BRILLIANT

THE SURFACE

- ADLC (diamond-like)
- Wear resistant
- Long-lasting

COMPATIBLE

THE COMPONENTS

- Proven implant connection geometry
- MONO screwdriver

SIMPLE

THE TOOLS

- Altus™ Gingiva Height Measuring Tool
- Novaloc® Mounting and Demounting Tool

RELIABLE

THE MATRICES

- High performance retention inserts
- Matrix housing made of PEEK or titanium

VARIABLE

THE POSSIBLE APPLICATIONS

- Divergence compensation up to 70°
- 15° angled abutments
- Different gingival heights

COMPREHENSIVE

THE PORTFOLIO

- Different materials
- Various retention strengths
- Well-thought-out range of tools



NOVALOC® – FOR HYBRID DENTURES.



Exacting expectations for removable prosthetic solutions require well-thought-out restorations. The Novaloc® Retentive System is characterized by many brilliant features:

- Simple application
- Innovative materials
- Improved wear resistance
- Increased patient comfort

The Novaloc® Abutments, developed specially for Thommen Medical implants, and the easy-to-use tools facilitate secure prosthodontic and dental applications.



PROPERTIES – IN DETAIL.

BRILLIANT

The innovative, high-quality carbon-based ADLC-coating (amorphous diamond-like carbon) is characterized by its diamond-like properties. The hard, smooth surface is extraordinarily resistant to wear and produces less abrasion, which extends the life span of the retention inserts. The long-term reliability of the components is noticeable in clinical application. The components have to be exchanged less frequently, which means a clear savings in both time and costs.

- - Titanium carbon nitride
- - Titanium nitride
- - Amorphous diamond-like carbon

COMPATIBLE

The tried-and-tested Thommen abutment screw protects the restoration from mechanical overload. Restorations are attached using the reliable MONO screwdriver.

The abutments have optimal cleanability because of the smooth ADLC surface.

Thommen Medical's proven implant connection geometry has been used successfully for more than 30 years. It stabilizes the abutments in both the axial and lateral directions.

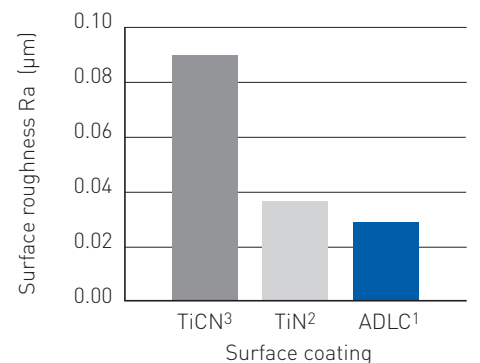
SIMPLE

Easy to use accessories, like the very low forming/fixing matrix or the well-designed tools, facilitate handling of the retentive system.

The Altus™ Gingiva Height Measuring Tool makes it easy to measure the gingival height accurately. This includes an old abutment that is too deep or too high.

Novaloc® Abutment

Comparison of different coatings in relation to the roughness of the surface.

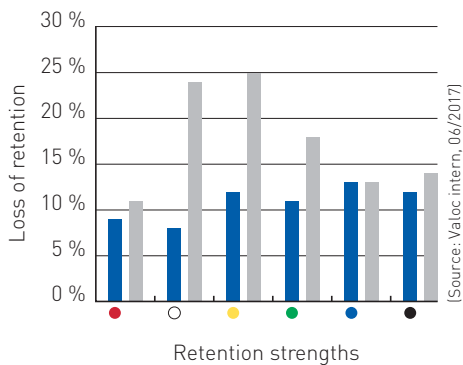


(Source: Thommen Medical F&E, 12/2017)



Novaloc® Matrix System

Loss of retention due to 0 degrees of angulation over all retention strengths.



RELIABLE

The combination of ADLC and PEEK demonstrates a significant improvement in retention compared to other combinations. This combination succeeds in fulfilling the highest requirements for wear resistance and long term reliability.

- - ADLC¹ / PEEK³ (Novaloc®)
- - TiN² / PEEK³ (Novaloc®)

¹ Amorphous diamond-like carbon

² Titanium nitride

³ Polyether ether ketone

● extra-light ○ light ● medium ● strong ● extra-strong ● ultra-strong

VARIABLE

A broad range of restorations can be covered by Novaloc®. Implant divergences of up to 70° can be compensated for by the matrix system and the 15° angled abutments. A multitude of clinical implant situations can be resolved using the Novaloc® Retentive System with its comprehensive selection of abutments.

COMPREHENSIVE

The Novaloc® Retentive System offers a comprehensive portfolio. Matrix housings offered in titanium or beige colored PEEK, for limited space or a metal free prosthesis, ensure freedom of design. Furthermore, a matrix housing made of titanium with strong retentions is available, in order to guarantee an even more secure hold in the prosthetic base.



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