

Straumann® Novaloc®
Retentive System for Overdentures



Diamonds are forever.
A reliable connection
that endures.



As the name implies, “amorphous diamond-like carbon” (ADLC) is a class of carbon bonds which displays several of the desirable qualities of a diamond. ADLC coatings are commonly used in the medical device field (e.g. hip joints) and are designed to reduce abrasive wear, prolonging the lifetime of the medical appliance.



SURFACE
Carbon-based coating
offering diamond-like
properties

Straumann® Novaloc® Retentive System.

When durability and longevity matter.

The Novaloc Retentive System for overdentures offers both a straight and a 15° angled abutment, covering a broad range of clinical implant situations while accommodating up to 60° implant divergence. The innovative carbon-based abutment coating (amorphous diamond-like carbon) yields excellent wear resistance. Together with its durable PEEK Matrices, the Novaloc Retentive System provides a reliable connection that was built to last. Let your patients profit from a low maintenance, high comfort solution that endures.



PERFORMANCE
Excellent material,
delivering high wear
resistance



FLEXIBILITY
Flexibility to
compensate implant
divergence



VERSATILITY
Convenient component
handling



PATIENT COMFORT
Less hassle,
more comfort for
your patient



ORIGINAL
Rely on the
original Straumann®
connection

Straumann® Novaloc® Retentive System



| SURFACE

ADLC¹ coatings offer several of the desired qualities of a diamond:

- hardness
- wear resistance
- sleek surface



| VERSATILITY

Novaloc® Abutment, straight and angled

- compatible with the standard SCS Screwdriver:
 - one tool fits all
 - self-retaining system
- gingiva height and implant platform laser marked on abutment for clear identification
- available on all Straumann implant platforms (RN, WN, NNC, RC, NC)
- 6 gingiva heights for the straight abutment
- 5 gingiva heights for the angled abutment



| FLEXIBILITY

Novaloc® Abutment, 15° angled

Restore situations with high implant divergence:

- align a common prosthetic insertion axis up to 60° implant divergence
- reduce unilateral stress and wear



PATIENT COMFORT

- matrix audibly and tangibly snaps into place, ensuring correct seating of the prosthesis
- angled abutments align the prosthetic insertion axis enabling exact insertion
- small SCS drive mechanism of the straight abutment reduces accumulation of debris



ORIGINAL

Rely on the original implant-abutment connection

- Perfectly matching components
- Excellent service and support



PERFORMANCE

In combination the materials PEEK² and ADLC¹ contribute to:

- excellent wear resistance
- exceptional long-term performance
- low maintenance
- low friction between abutment and matrix
- PEEK² matrix inserts offer excellent chemical and physical properties
- matrix accommodates up to 40° prosthetic insertion between two implants
- 6 retention strengths offer optimal adjustment of the denture retention
- matrix housing available in titanium or color-neutral PEEK²



extra light



light



medium



strong



extra strong



ultra strong

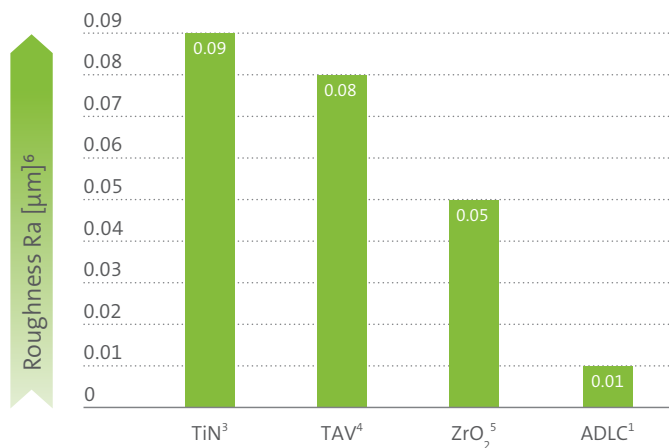


Simply smooth

The comparison between the physical properties of various coatings underlines the high performance of the ADLC¹ abutment coating. Clinicians, dental technicians and more importantly patients benefit from:

Less maintenance less hassle more comfort

Surface roughness (Ra) of retentive abutments for hybrid dentures⁶



The roughness of a surface area is indicated by the roughness parameter Ra – the smaller the parameter value the smoother the surface.

A smooth abutment surface is less abrasive against the retention inserts and contributes to longevity.

10-year Limited Warranty

Restore confidently knowing your Straumann Novaloc Abutments are backed by a 10-year Limited Warranty!⁷





For more information on our new retentive solution please contact your local Straumann representative.

1 ADLC: Amorphous diamond-like carbon 2 PEEK: Poly Ether Ether Ketone 3 Titanium-Nitride 4 Titanium Aluminum Vanadium
5 Zirconium dioxide 6 Roughness Evaluation (data on file) 7 Subject to the guarantee conditions of Straumann (see brochure CALIT 502).
Matrices and retention inserts are not covered by the guarantee as these are subject to natural wear and tear.

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