The highly polished durable ADLC surface offers maximum efficiency
**Novaloc – optimum treatment guaranteed**

Because we think that things should last.

**ADLC Surface**
The surface quality of the ADLC coating (amorphous diamond-like carbon) sets new standards. Maximum hardness in combination with optimum sliding characteristics reduces abrasion on the abutment and damage to the retention insert.

**Divergence compensation**
In combination with the angled Novaloc abutments you can compensate for divergences of up to 70° between the implants.

**Retention insert**
Retention inserts made from PEEK high-performance plastic are manufactured with extreme precision and can optimally absorb lateral pressure thanks to the patented design.

**Matrix housing**
The matrix housing is available in titanium and also beige PEEK. PEEK is the favoured solution where only minimum space is available or if it is important to be metal-free.

**Screw head opening**
The small screw head opening of the straight Novaloc abutment reduces food packing.

**Outstanding handling**
Retention inserts can be inserted and removed within 5 seconds. Accessories such as the very low impression matrix or easy-to-use matrix housing extractor provides stress-free handling.

**Available for a large number of implant systems:**

<table>
<thead>
<tr>
<th>Series</th>
<th>Compatible with</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-Series</td>
<td>Altatec, MEDENTIKA*</td>
<td>Camlog*</td>
</tr>
<tr>
<td>D-Series</td>
<td>Altatec</td>
<td>Procone, Conelog*</td>
</tr>
<tr>
<td>E-Series</td>
<td>Nobel Biocare</td>
<td>NobelReplace*, Tapered Conelog*</td>
</tr>
<tr>
<td>EV-Series</td>
<td>DENTSPLY Implants</td>
<td>ASTRA TECH OsseoSpeed*, EV NobelActive*, NobelReplace*, Conical Certain*</td>
</tr>
<tr>
<td>F-Series</td>
<td>Nobel Biocare</td>
<td>D-Series</td>
</tr>
<tr>
<td>H-Series</td>
<td>BIOMET 3i</td>
<td>Certain*</td>
</tr>
<tr>
<td>K-Series</td>
<td>Nobel Biocare</td>
<td>Bränemark System*, Bone Level</td>
</tr>
<tr>
<td>L-Series</td>
<td>Straumann</td>
<td>Tissue Level</td>
</tr>
<tr>
<td>N-Series</td>
<td>Straumann</td>
<td>TS-System</td>
</tr>
<tr>
<td>R-Series</td>
<td>Zimmer Dental, MIS, BioHorizons</td>
<td>Zimmer Screw-Vent*, SEVEN Internal Hex</td>
</tr>
<tr>
<td>S-Series</td>
<td>DENTSPLY Implants</td>
<td>ASTRA TECH OsseoSpeed*, TX</td>
</tr>
<tr>
<td>T-Series</td>
<td>DENTSPLY Implants</td>
<td>XiVE*, S</td>
</tr>
<tr>
<td>Y-Series</td>
<td>DENTSPLY Implants</td>
<td>ANKYLOS*, C/X</td>
</tr>
</tbody>
</table>

* is a registered trademark of an independent third party
**MEDENTiKA® Novaloc**

**Matrix system**

**ADLC Surface**
The surface quality of the ADLC coating (amorphous diamond-like carbon) sets new standards. Maximum hardness in combination with optimum sliding characteristics reduces abrasion on the abutment and damage to the retention insert.

**Screw head opening**
The small screw head opening of the straight Novaloc abutment reduces food packing.

**Placement instrument**
The straight Novaloc abutments can be inserted using the respective original placement instrument of the corresponding implant system.

**Divergence compensation**
In combination with the angled Novaloc abutments you can compensate for divergences of up to 70° between the implants.

**ADLC Surface**
The surface quality of the ADLC coating (amorphous diamond-like carbon) sets new standards. Maximum hardness in combination with optimum sliding characteristics reduces abrasion on the abutment and damage to the retention insert.

**Gingival heights**
The angled Novaloc abutments are available in 5 different gingival heights.

**ADLC Surface**
The surface quality of the ADLC coating (amorphous diamond-like carbon) sets new standards. Maximum hardness in combination with optimum sliding characteristics reduces abrasion on the abutment and damage to the retention insert.

**Divergence compensation**
In combination with the angled Novaloc abutments you can compensate for divergences of up to 70° between the implants.

**Placement instrument**
All angled Novaloc abutments are inserted using the Ball-Torx placement instrument (M 03-8 or M 10-8), guaranteeing reliable force transfer.

**Angulation**
Angulation of the abutments 15°

**Gingival heights**
The angled Novaloc abutments are available in 5 different gingival heights.
The ADLC surface is a carbon-based coating with diamond like characteristics. A comparison of the physical properties of different abutment coatings prove:

The properties of the ADLC surface are outstanding.

- TiN: HV 2300 ± 300
- ZrN: HV 2800 ± 300
- TiCN: HV 3000 ± 500
- ADLC: HV 3000 - 5000

Only the combination of a very smooth and at the same time very hard surface achieves the unique functionality and greatly reduced wear properties of the Novaloc abutments in combination with the Novaloc matrices.
Novaloc provides **maximum hardness** with **optimum sliding characteristics**

The combination of rough surface and high hardness in particular can be counterproductive, as with this combination the “hardened” rough surfaces act as micro-cutting edges (micro-file effect), which can very quickly cause wear of the retention inserts.

Novaloc provides maximum hardness with optimum sliding characteristics.

Only the combination of a very smooth and very hard surface achieves the unique functionality and reduced wear properties of the Novaloc abutments in combination with the Novaloc matrices.
Novaloc – Latest Technology.

The Novaloc matrix system with its newly developed technology is a pre-fabricated connector for retaining removable restorations on Novaloc abutments. The matrix housing is available in titanium + colour-neutral PEEK. In combination with the Novaloc abutment the matrix system has an impressive service life and functionality.

---

Matrix housing

The matrix housing is available in titanium and also beige PEEK. Peek is the favoured solution where only minimum space is available or if it is important to be metal-free.

Retention insert

Retention inserts made from PEEK high-performance plastic are manufactured with extreme precision and can optimally absorb lateral pressure thanks to the patented design.

---

Outstanding handling

Retention inserts can be inserted and removed within 5 seconds. Accessories such as the very low impression matrix or easy-to-use matrix housing extractor guarantee stress-free handling.

---

No compromises

You have the choice between 6 retention inserts with different retention forces, which easily master divergences up to 20 degrees per implant. In combination with angled Novaloc abutments even 35° per implant.

---

Matrix housing

The Novaloc matrix housing is available in titanium and beige PEEK plastic. The beige plastic (PEEK) version is used with an extremely labial or buccal position of the implant (no grey shine through) and in holistic dentistry where treatment should be completely metal free.

The titanium matrix housing is also available with even stronger retention. This is used in cases where even higher retention should be guaranteed in the denture base or with too deep lying and not ideally selected abutment heights.